

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122221\
 Data File : BF126329.D
 Acq On : 22 Dec 2021 14:59
 Operator : JU/CG
 Sample : PB141608BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141608BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

Quant Time: Dec 22 16:32:47 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	152210	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	650052	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	294842	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	422145	20.000	ng	# 0.00
76) Chrysene-d12	13.980	240	222830	20.000	ng	0.00
86) Perylene-d12	15.427	264	257276	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1220293	118.065	ng	0.01
7) Phenol-d6	6.451	99	1549462	118.065	ng	0.00
23) Nitrobenzene-d5	7.380	82	1014684	84.539	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	278203	117.411	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1335920	79.468	ng	0.00
79) Terphenyl-d14	12.927	244	994006	77.534	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	208968	41.419	ng	# 100
3) Pyridine	3.351	79	466205	34.796	ng	# 77
4) n-Nitrosodimethylamine	3.304	42	245756	47.725	ng	# 2
6) Aniline	6.481	93	559014	33.534	ng	96
8) 2-Chlorophenol	6.604	128	513897	49.030	ng	91
9) Benzaldehyde	6.363	77	370276	46.755	ng	94
10) Phenol	6.463	94	644948	43.780	ng	94
11) bis(2-Chloroethyl)ether	6.557	93	546775	47.816	ng	98
12) 1,3-Dichlorobenzene	6.757	146	487074	46.068	ng	96
13) 1,4-Dichlorobenzene	6.833	146	491618	46.045	ng	95
14) 1,2-Dichlorobenzene	6.986	146	472030	47.815	ng	95
15) Benzyl Alcohol	6.963	79	414553	43.269	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.098	45	878873	46.966	ng	92
17) 2-Methylphenol	7.075	107	411986	44.869	ng	98
18) Hexachloroethane	7.333	117	198279	47.212	ng	96
19) n-Nitroso-di-n-propyla...	7.239	70	353254	43.846	ng	# 71
20) 3+4-Methylphenols	7.228	107	457402	42.138	ng	# 73
22) Acetophenone	7.228	105	665434	44.479	ng	# 93
24) Nitrobenzene	7.398	77	552324	46.096	ng	89
25) Isophorone	7.639	82	995722	43.931	ng	# 87
26) 2-Nitrophenol	7.716	139	261639	48.439	ng	# 83
27) 2,4-Dimethylphenol	7.757	122	443178	48.314	ng	96
28) bis(2-Chloroethoxy)met...	7.851	93	656449	44.051	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	362373	44.442	ng	91
30) 1,2,4-Trichlorobenzene	8.045	180	378159	44.837	ng	97
31) Naphthalene	8.122	128	1383632	45.514	ng	99
32) Benzoic acid	7.886	122	274488	34.734	ng	97
33) 4-Chloroaniline	8.169	127	149384	11.769	ng	97
34) Hexachlorobutadiene	8.245	225	186900	45.121	ng	100
35) Caprolactam	8.545	113	130456m	64.378	ng	
36) 4-Chloro-3-methylphenol	8.657	107	430012	44.708	ng	89
37) 2-Methylnaphthalene	8.816	142	873443	46.654	ng	96
38) 1-Methylnaphthalene	8.916	142	795607	43.791	ng	96
40) 1,2,4,5-Tetrachloroben...	8.980	216	288998	45.415	ng	# 95
41) Hexachlorocyclopentadiene	8.975	237	343587	94.288	ng	96
43) 2,4,6-Trichlorophenol	9.092	196	209717	41.895	ng	94

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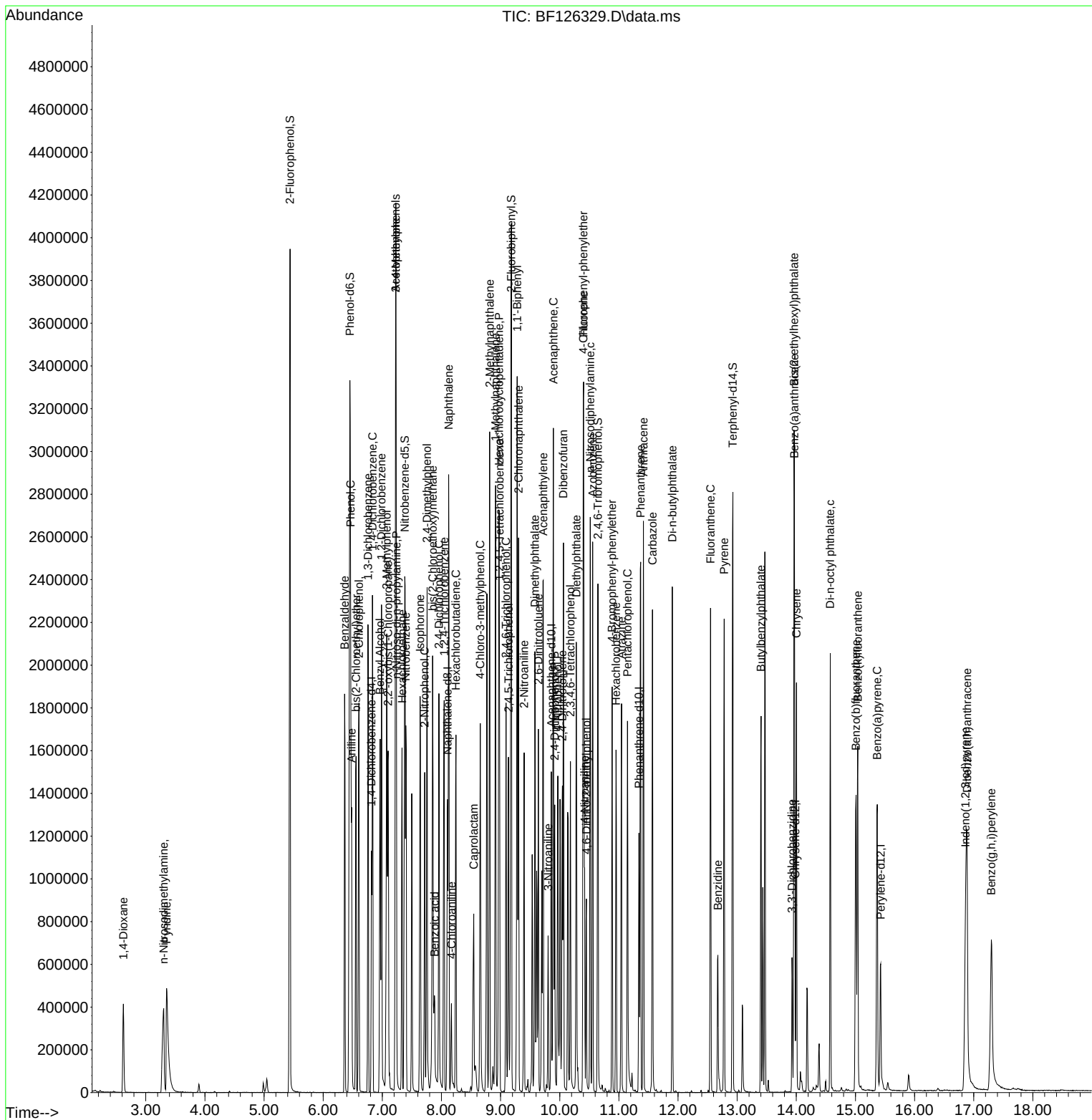
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	219472	42.337	ng	95
46) 1,1'-Biphenyl	9.280	154	992328	45.518	ng	97
47) 2-Chloronaphthalene	9.304	162	719678	43.876	ng	97
48) 2-Nitroaniline	9.398	65	261171	43.623	ng	93
49) Acenaphthylene	9.722	152	1116290	44.538	ng	98
50) Dimethylphthalate	9.580	163	807577	43.240	ng	98
51) 2,6-Dinitrotoluene	9.639	165	180316	44.605	ng	# 81
52) Acenaphthene	9.892	154	772968	47.556	ng	97
53) 3-Nitroaniline	9.804	138	105185	20.472	ng	# 74
54) 2,4-Dinitrophenol	9.916	184	158271	95.086	ng	# 84
55) Dibenzofuran	10.063	168	951574	43.000	ng	99
56) 4-Nitrophenol	9.969	139	280354	75.538	ng	# 77
57) 2,4-Dinitrotoluene	10.045	165	233246	45.232	ng	# 96
58) Fluorene	10.404	166	665436	41.536	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	167096	43.473	ng	# 97
60) Diethylphthalate	10.280	149	784148	41.779	ng	99
61) 4-Chlorophenyl-phenyle...	10.398	204	292403	40.537	ng	95
62) 4-Nitroaniline	10.421	138	180749	41.935	ng	# 73
63) Azobenzene	10.557	77	946756	41.645	ng	85
65) 4,6-Dinitro-2-methylph...	10.451	198	103183	44.762	ng	91
66) n-Nitrosodiphenylamine	10.516	169	619057	45.693	ng	97
67) 4-Bromophenyl-phenylether	10.886	248	186332	47.031	ng	94
68) Hexachlorobenzene	10.951	284	214823	47.145	ng	92
69) Atrazine	11.045	200	177841	71.629	ng	97
70) Pentachlorophenol	11.145	266	206148	81.549	ng	93
71) Phenanthrene	11.368	178	972368	44.628	ng	99
72) Anthracene	11.416	178	1016524	46.482	ng	99
73) Carbazole	11.568	167	866987	42.097	ng	100
74) Di-n-butylphthalate	11.904	149	1118438	42.838	ng	100
75) Fluoranthene	12.551	202	839334	42.756	ng	92
77) Benzidine	12.674	184	292624	83.297	ng	97
78) Pyrene	12.780	202	840571	41.060	ng	95
80) Butylbenzylphthalate	13.404	149	389893	40.472	ng	88
81) Benzo(a)anthracene	13.968	228	561241	42.521	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	139946	23.208	ng	# 98
83) Chrysene	14.004	228	609416	44.438	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	456485	42.404	ng	100
85) Di-n-octyl phthalate	14.574	149	907972	47.313	ng	98
87) Indeno(1,2,3-cd)pyrene	16.862	276	855011	49.824	ng	93
88) Benzo(b)fluoranthene	15.009	252	708693	45.845	ng	98
89) Benzo(k)fluoranthene	15.039	252	681697	46.098	ng	# 97
90) Benzo(a)pyrene	15.368	252	709195	55.199	ng	# 96
91) Dibenzo(a,h)anthracene	16.886	278	732337	52.497	ng	95
92) Benzo(g,h,i)perylene	17.297	276	717912	49.740	ng	93

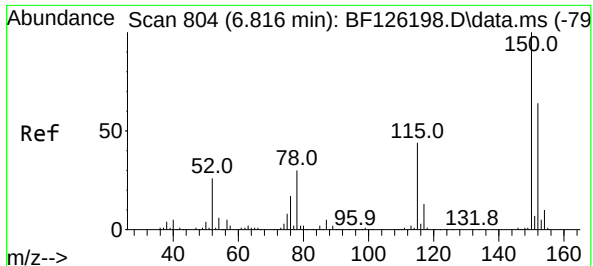
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

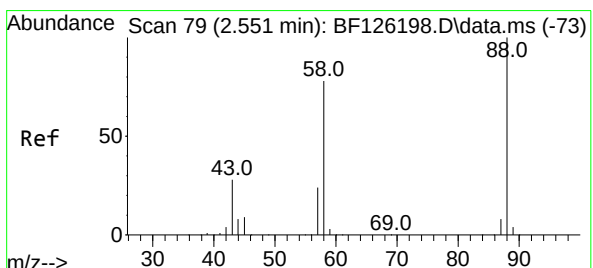
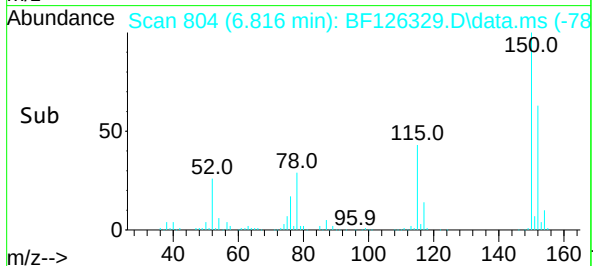
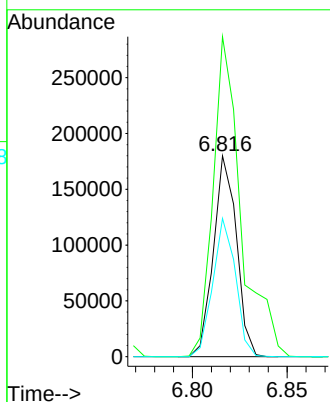
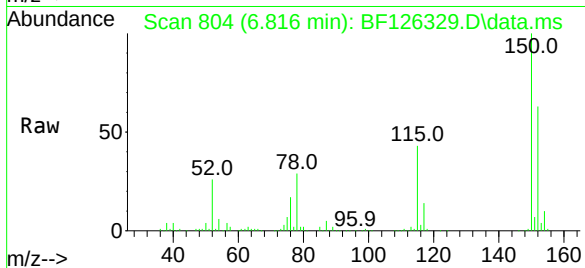
PB141608BS

Tgt Ion:152 Resp: 152210
 Ion Ratio Lower Upper
 152 100
 150 159.3 117.6 176.4
 115 68.8 47.1 70.7

Manual Integrations

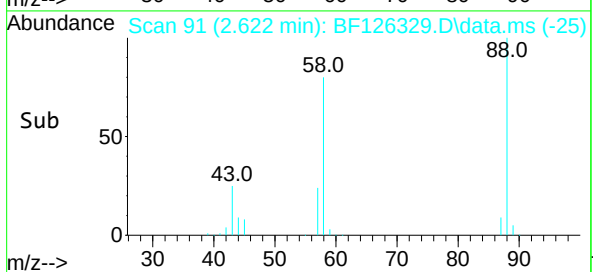
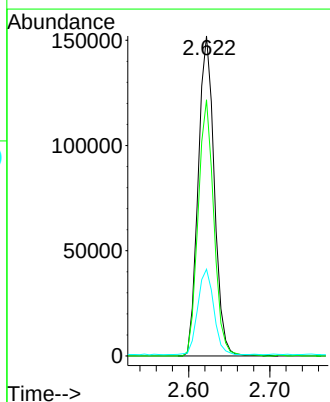
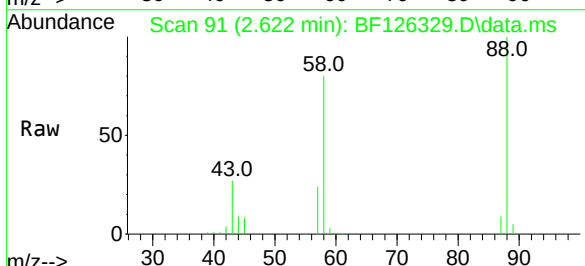
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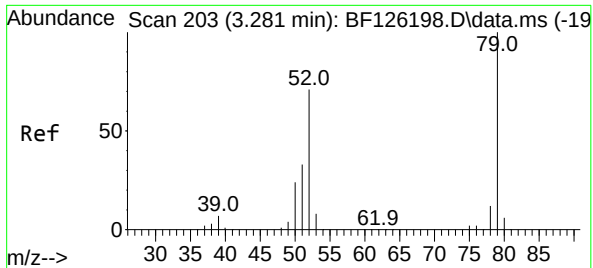
Reviewed By :Jagrut Upadhyay 12/23/2021
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#2
 1,4-Dioxane
 Concen: 41.419 ng
 RT: 2.622 min Scan# 91
 Delta R.T. 0.088 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59

Tgt Ion: 88 Resp: 208968
 Ion Ratio Lower Upper
 88 100
 58 78.5 0.0 0.0#
 43 26.5 0.0 0.0#





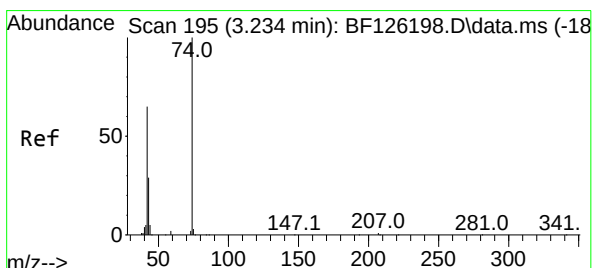
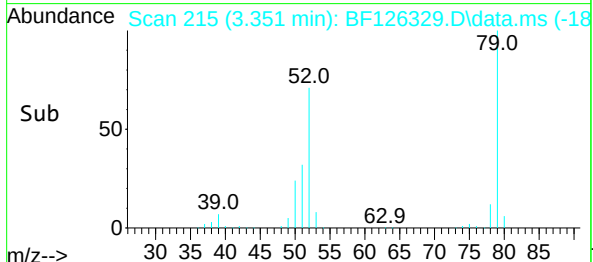
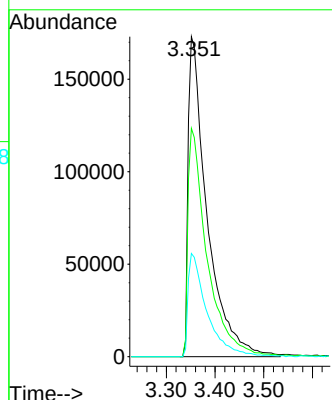
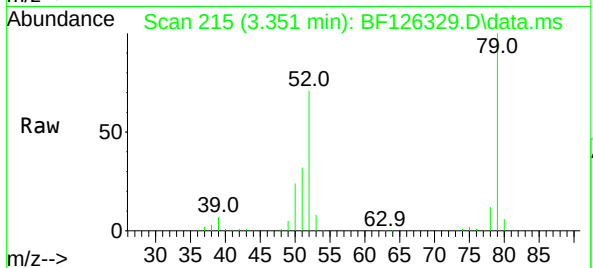
#3
Pyridine
Concen: 34.796 ng
RT: 3.351 min Scan# 215
Delta R.T. 0.082 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :
BNA_F
ClientSampleId :
PB141608BS

Tgt Ion: 79 Resp: 46620
Ion Ratio Lower Upper
79 100
52 71.4 70.3 105.5
51 32.3 44.1 66.1

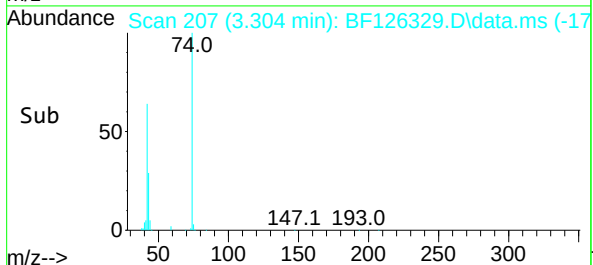
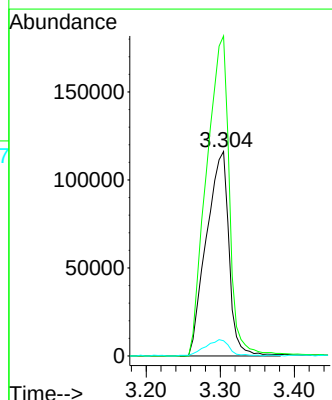
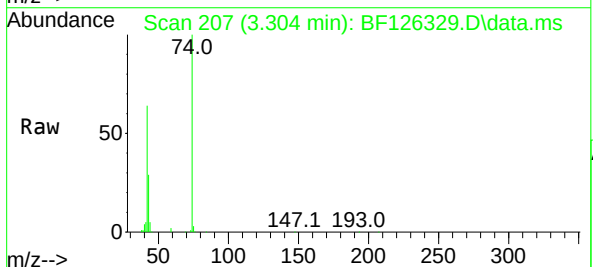
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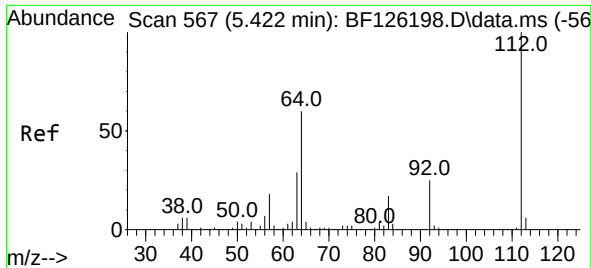
Reviewed By :Jagrut Upadhyay 12/23/2021
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#4
n-Nitrosodimethylamine
Concen: 47.725 ng
RT: 3.304 min Scan# 207
Delta R.T. 0.088 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

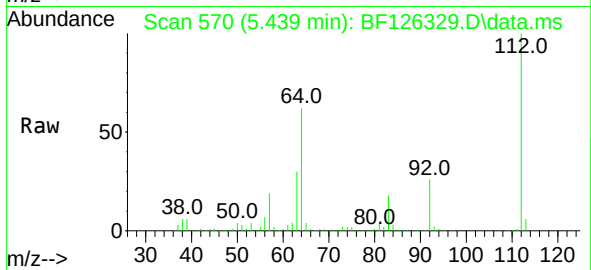
Tgt Ion: 42 Resp: 245756
Ion Ratio Lower Upper
42 100
74 156.5 59.0 88.6#
44 7.5 0.0 0.0#





#5
2-Fluorophenol
Concen: 118.065 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

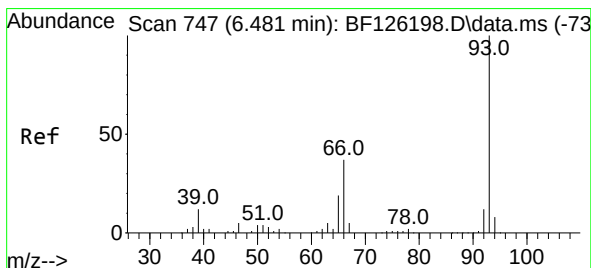
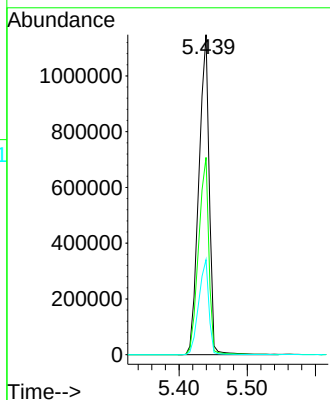
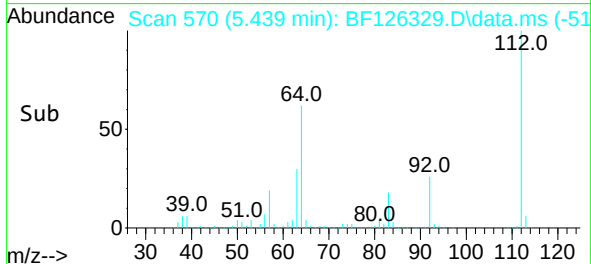
Instrument :
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Tgt Ion: 112 Resp: 122029
Ion Ratio Lower Upper
112 100
64 61.7 44.2 66.2
63 29.7 26.2 39.2

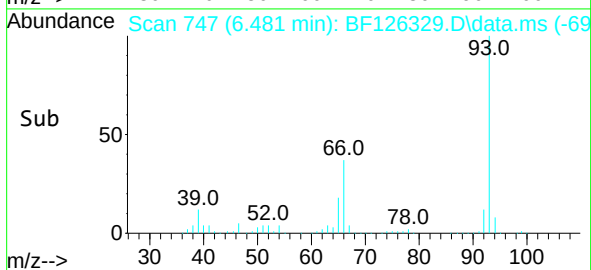
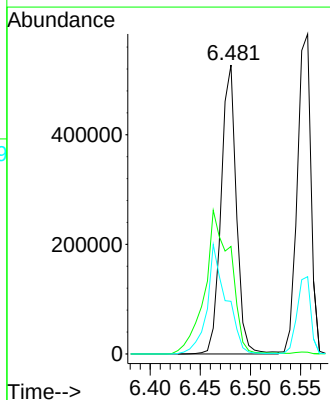
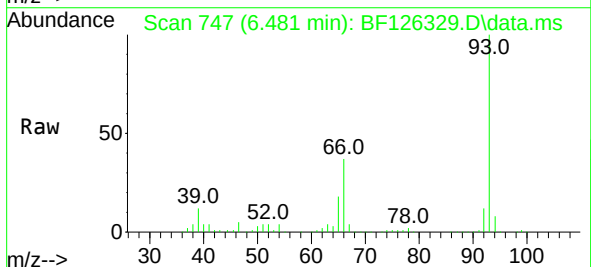
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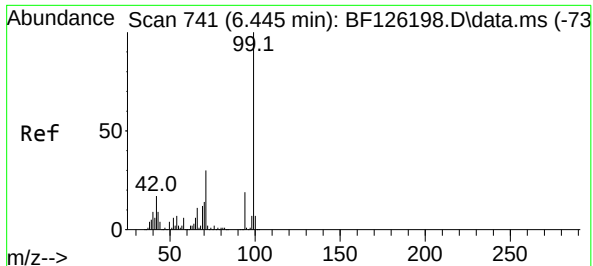
Reviewed By :Jagrut Upadhyay 12/23/2021
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#6
Aniline
Concen: 33.534 ng
RT: 6.481 min Scan# 747
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion: 93 Resp: 559014
Ion Ratio Lower Upper
93 100
66 37.2 32.7 49.1
65 18.2 14.2 21.4





#7

Phenol-d6

Concen: 118.065 ng

RT: 6.451 min Scan# 741

Delta R.T. 0.006 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

Tgt Ion: 99 Resp: 154946

Ion Ratio Lower Upper

99 100

42 18.0 23.5 35.3

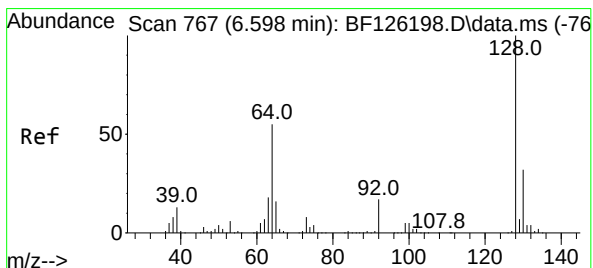
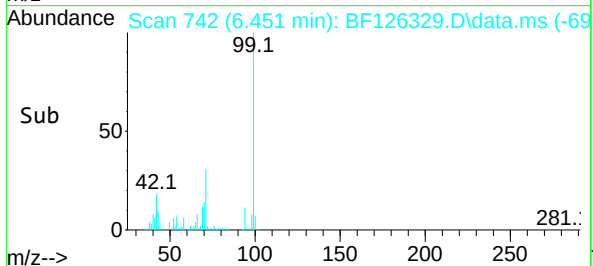
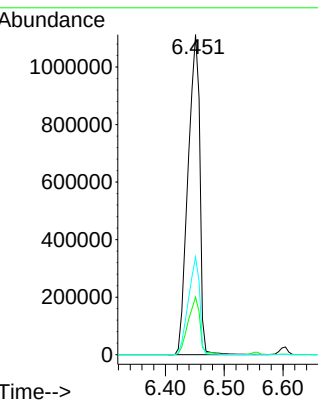
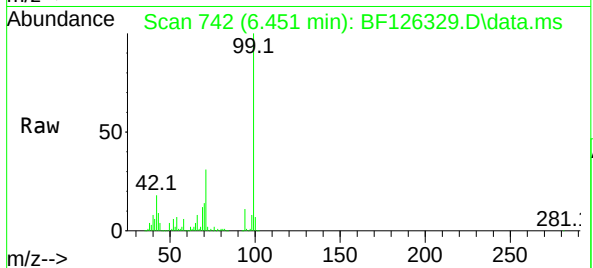
71 30.6 25.6 38.4

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.030 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

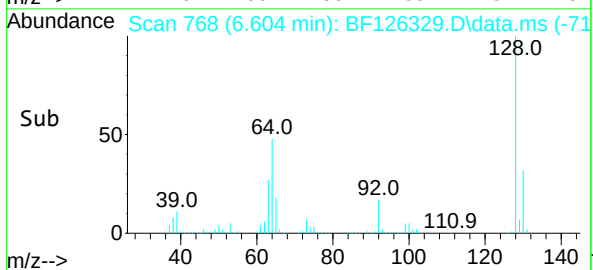
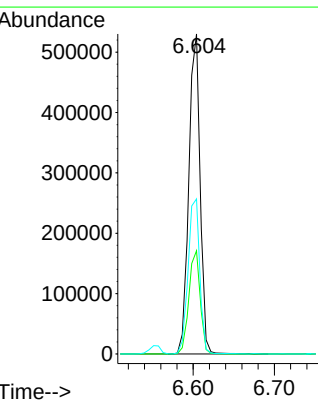
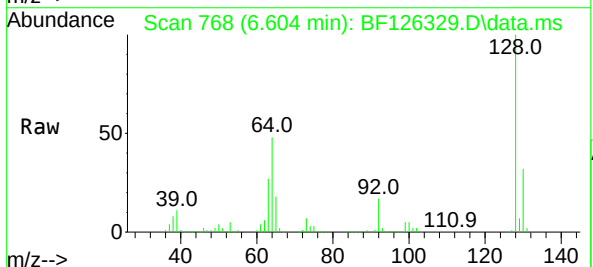
Tgt Ion:128 Resp: 513897

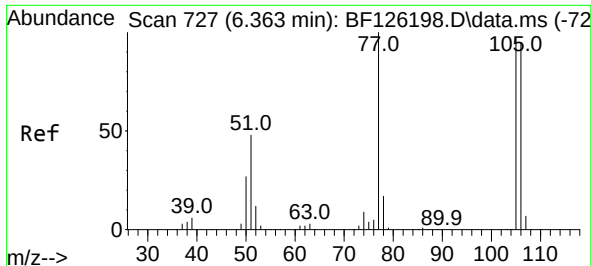
Ion Ratio Lower Upper

128 100

130 32.3 10.5 50.5

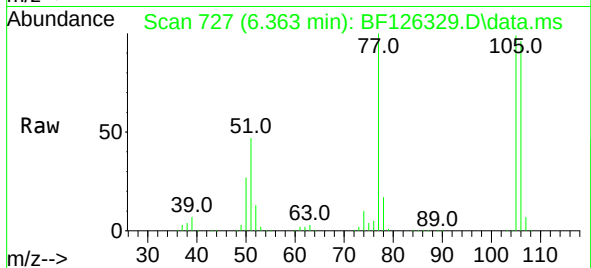
64 48.5 20.3 60.3





#9
Benzaldehyde
Concen: 46.755 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF126329.D
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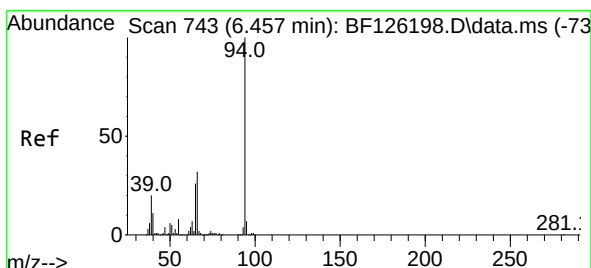
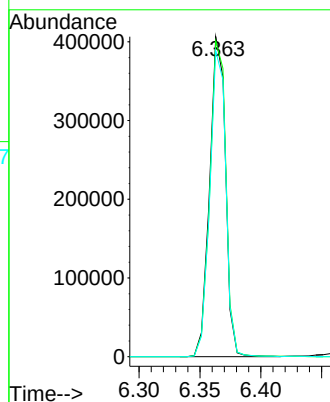
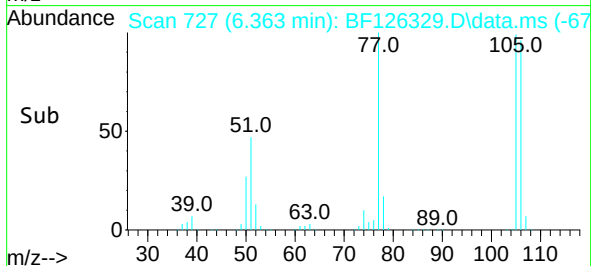
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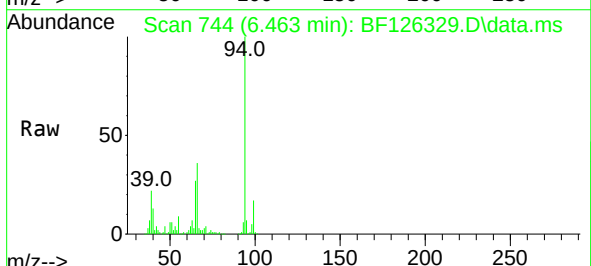
Tgt Ion: 77 Resp: 370270
Ion Ratio Lower Upper
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105 98.7 75.9 115.9
106 95.6 84.0 124.0

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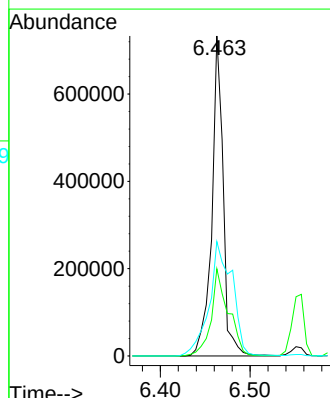
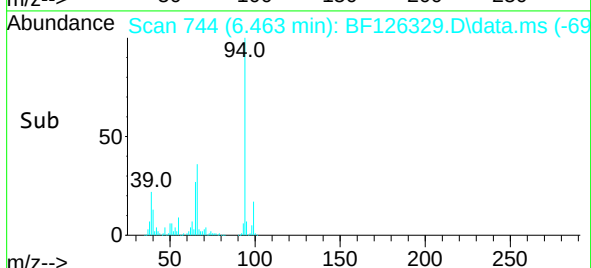
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

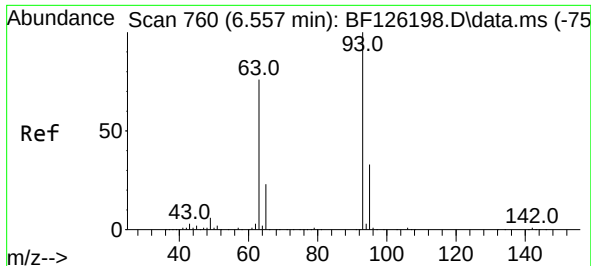


#10
Phenol
Concen: 43.780 ng
RT: 6.463 min Scan# 744
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion: 94 Resp: 644948
Ion Ratio Lower Upper
94 100
65 27.2 9.3 49.3
66 35.7 20.3 60.3





#11

bis(2-Chloroethyl)ether

Concen: 47.816 ng

RT: 6.557 min Scan# 760

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

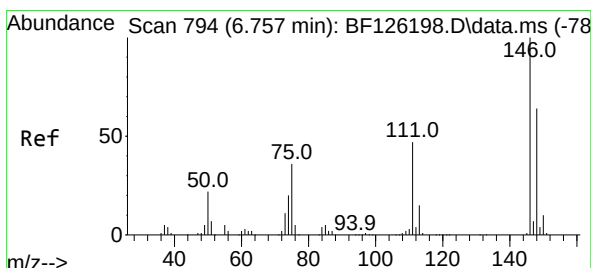
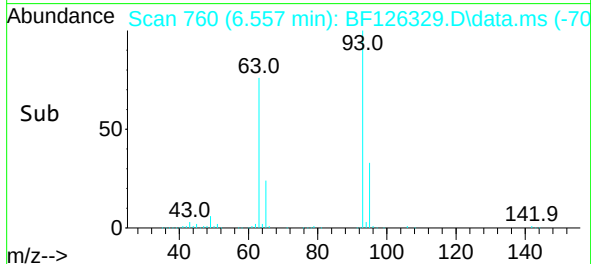
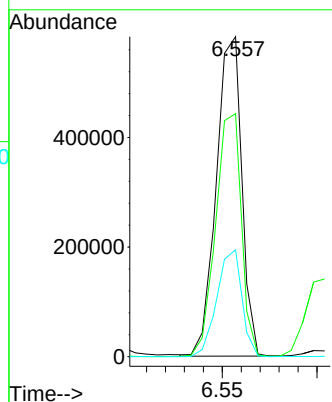
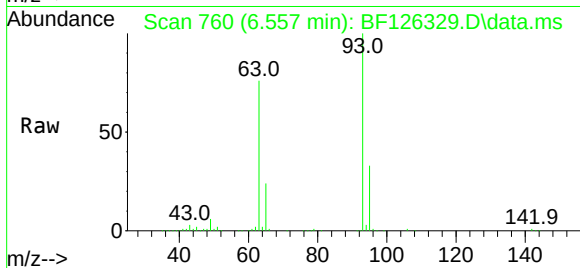
PB141608BS

Tgt Ion: 93	Resp: 54677
Ion Ratio	Lower Upper
93 100	
63 76.0	54.4 94.4
95 33.4	11.4 51.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#12

1,3-Dichlorobenzene

Concen: 46.068 ng

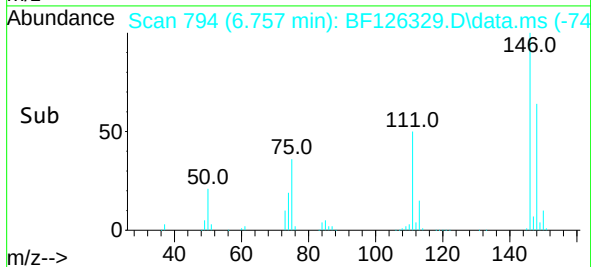
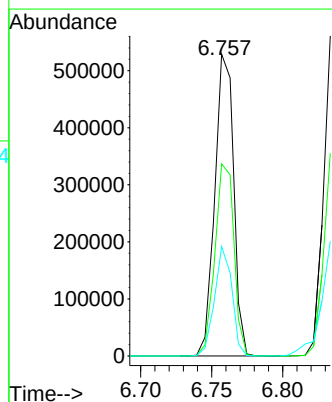
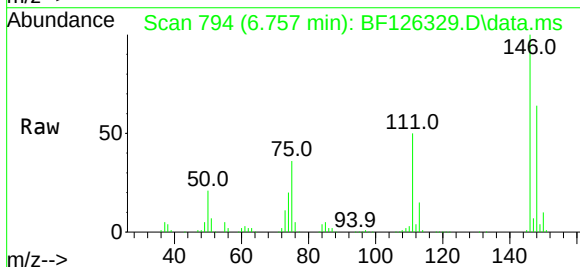
RT: 6.757 min Scan# 794

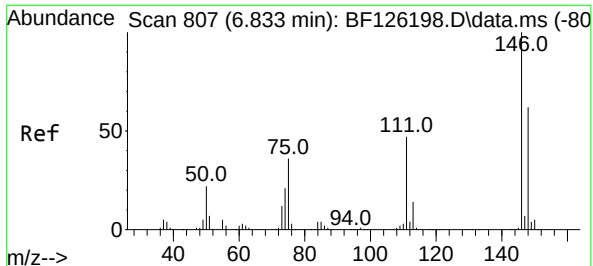
Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Tgt Ion:146	Resp: 487074
Ion Ratio	Lower Upper
146 100	
148 63.7	49.7 74.5
75 36.3	25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 46.045 ng

RT: 6.833 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

Tgt Ion:146 Resp: 491618

Ion Ratio Lower Upper

146 100

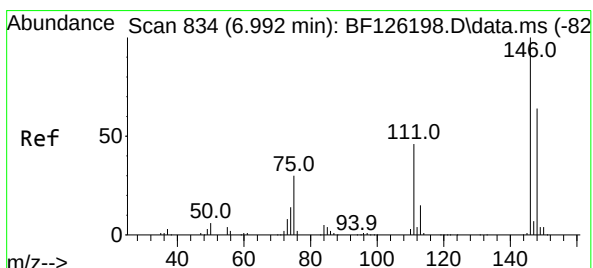
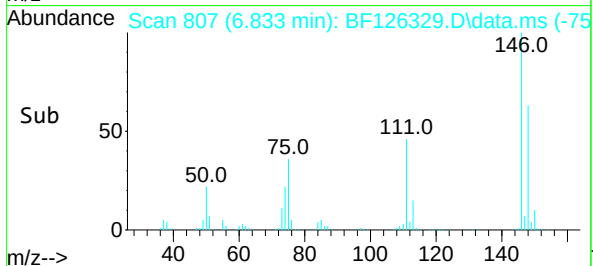
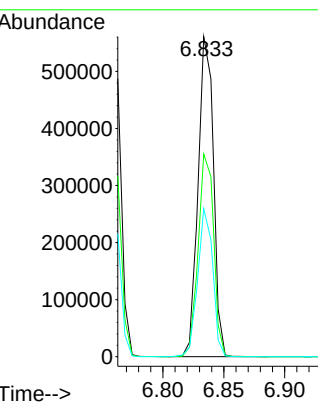
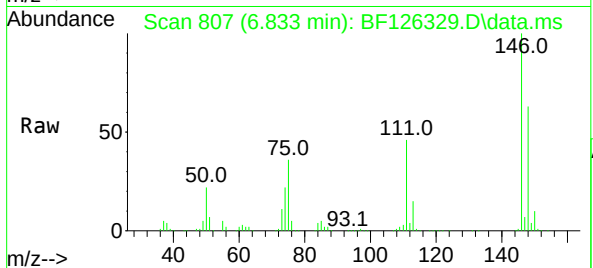
148 63.3 51.9 77.9

111 46.3 31.8 47.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#14

1,2-Dichlorobenzene

Concen: 47.815 ng

RT: 6.986 min Scan# 833

Delta R.T. -0.006 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

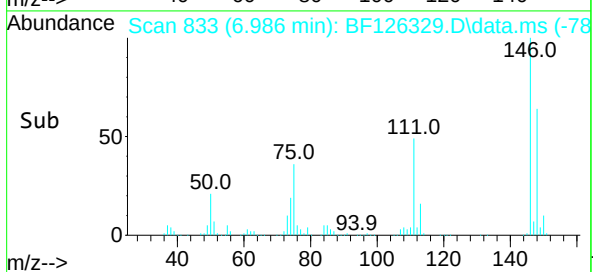
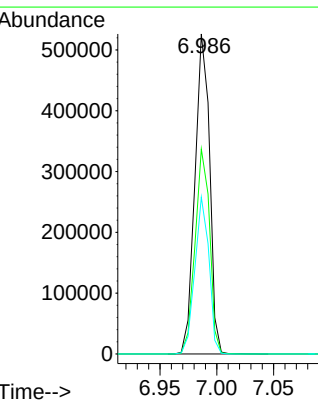
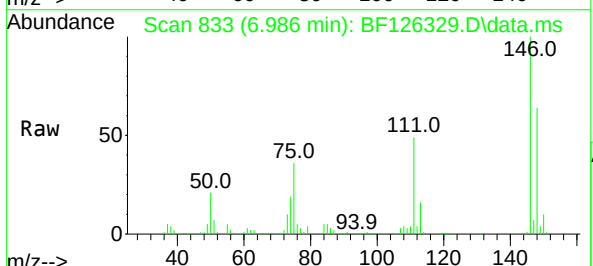
Tgt Ion:146 Resp: 472030

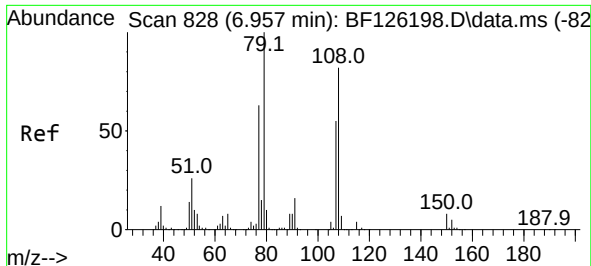
Ion Ratio Lower Upper

146 100

148 64.1 50.6 75.8

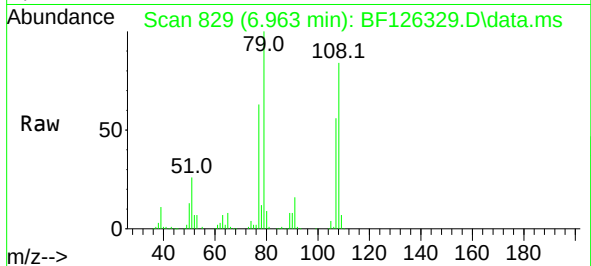
111 49.0 33.5 50.3





#15
Benzyl Alcohol
Concen: 43.269 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

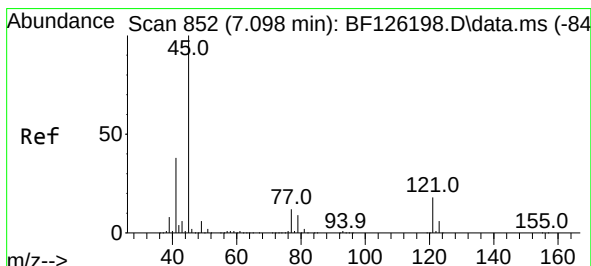
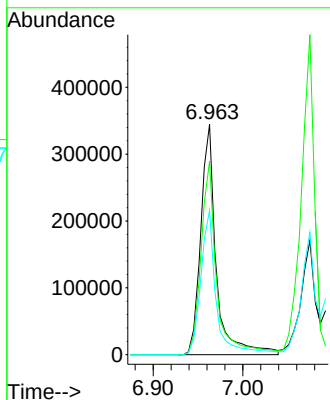
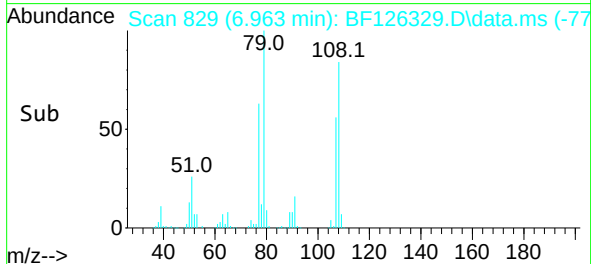
Instrument :
BNA_F
ClientSampleId :
PB141608BS



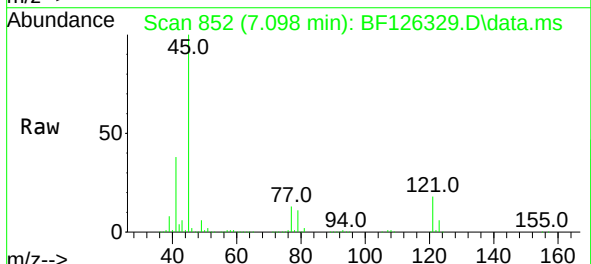
Tgt Ion: 79 Resp: 41455
Ion Ratio Lower Upper
79 100
108 84.0 60.4 90.6
77 62.7 51.5 77.3

Manual Integrations
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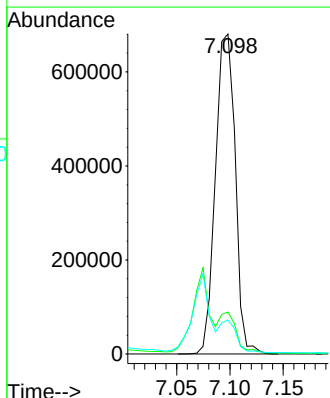
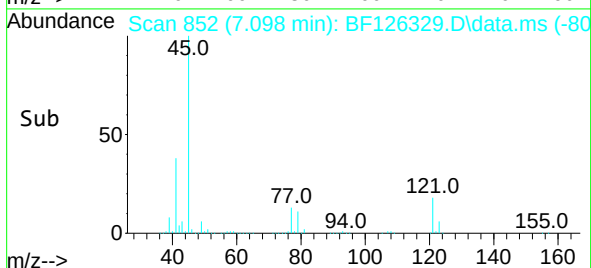
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

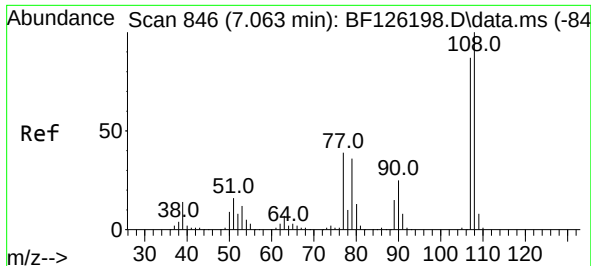


#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.966 ng
RT: 7.098 min Scan# 852
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion: 45 Resp: 878873
Ion Ratio Lower Upper
45 100
77 13.1 0.0 30.6
79 10.6 0.0 27.5





#17
2-Methylphenol
Concen: 44.869 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

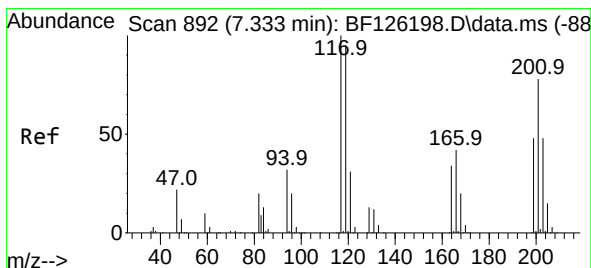
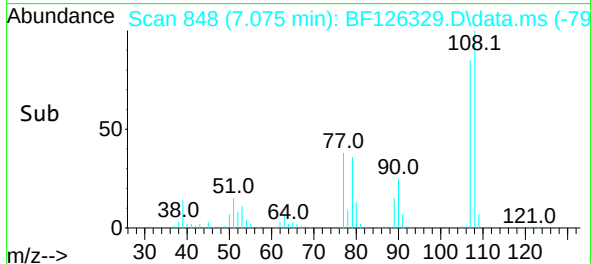
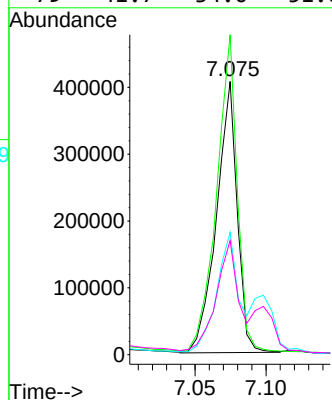
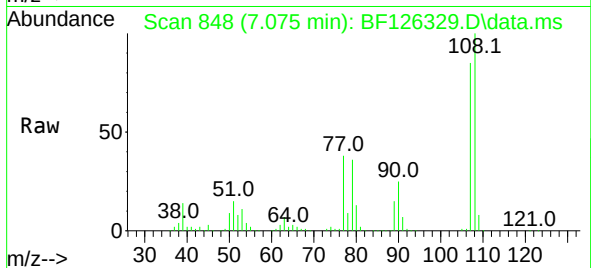
PB141608BS

Tgt Ion:107 Resp: 411986
Ion Ratio Lower Upper
107 100
108 117.1 90.6 135.8
77 44.8 35.7 53.5
79 41.7 34.0 51.0

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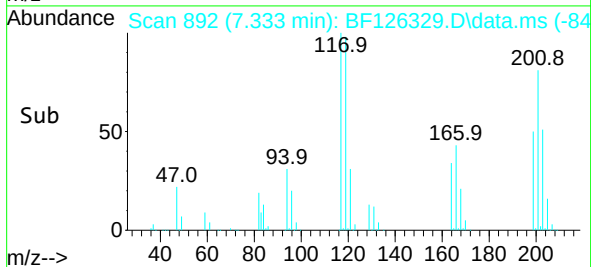
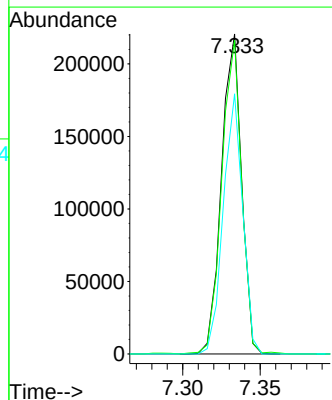
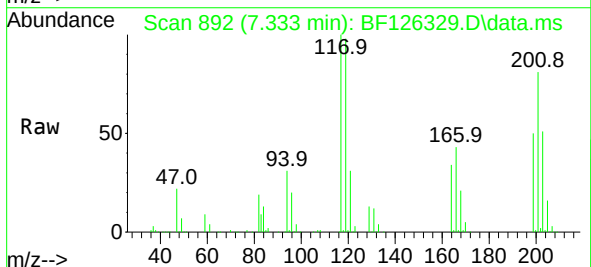
APPROVED

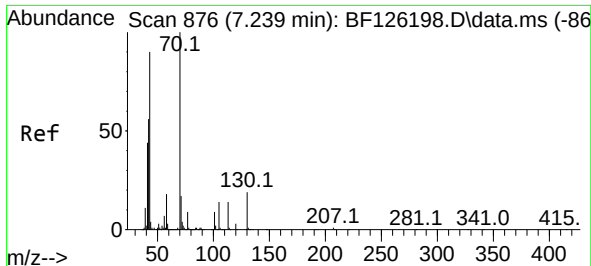
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#18
Hexachloroethane
Concen: 47.212 ng
RT: 7.333 min Scan# 892
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

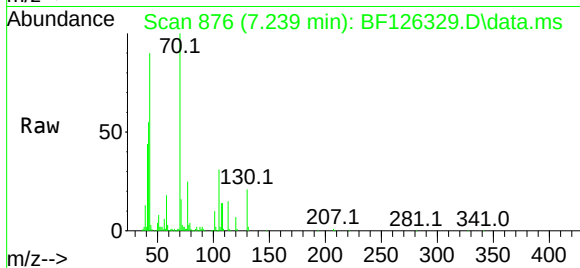
Tgt Ion:117 Resp: 198279
Ion Ratio Lower Upper
117 100
119 98.1 73.4 110.2
201 81.3 64.9 97.3





#19
n-Nitroso-di-n-propylamine
Concen: 43.846 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

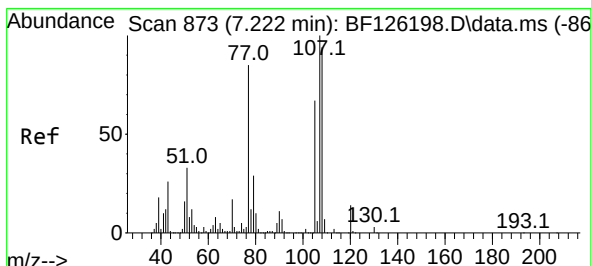
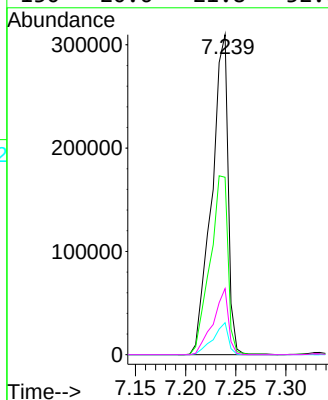
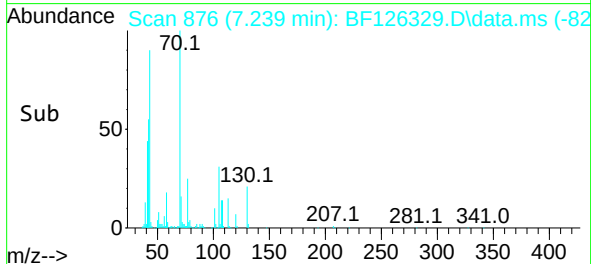
Instrument :
BNA_F
ClientSampleId :
PB141608BS



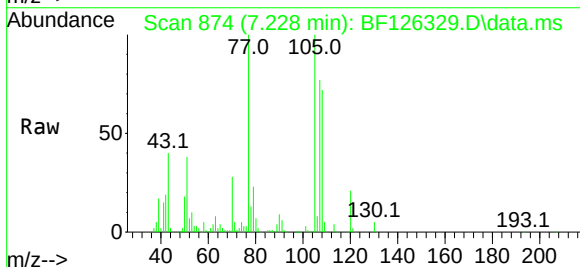
Tgt Ion: 70 Resp: 353254
Ion Ratio Lower Upper
70 100
42 55.5 72.2 108.2
101 10.0 7.8 11.8
130 20.6 21.8 32.6#

Manual Integrations
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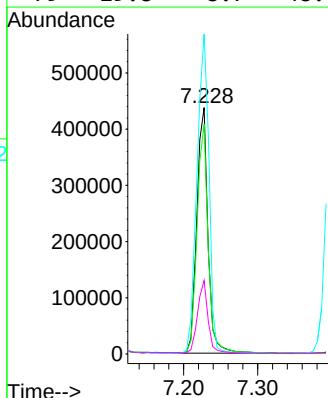
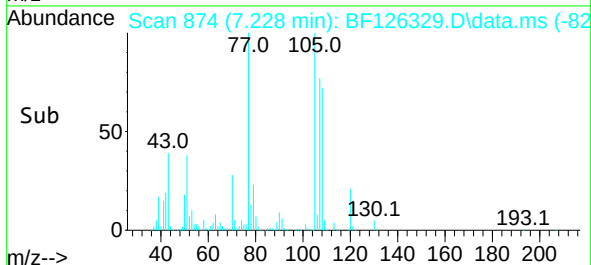
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

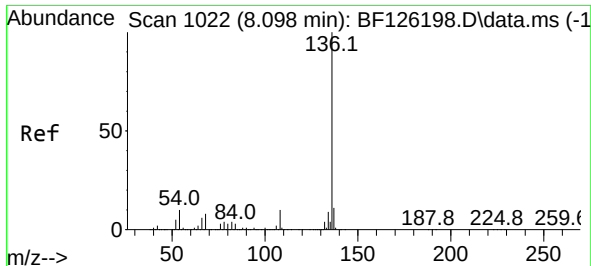


#20
3+4-Methylphenols
Concen: 42.138 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:107 Resp: 457402
Ion Ratio Lower Upper
107 100
108 93.2 76.6 116.6
77 129.9 53.3 93.3#
79 29.8 8.7 48.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

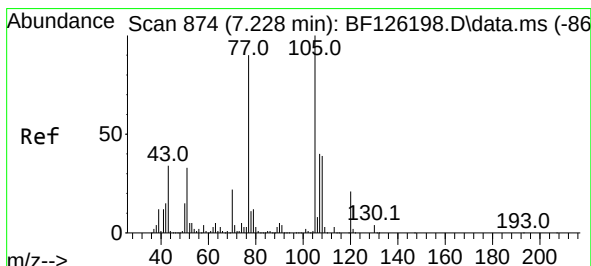
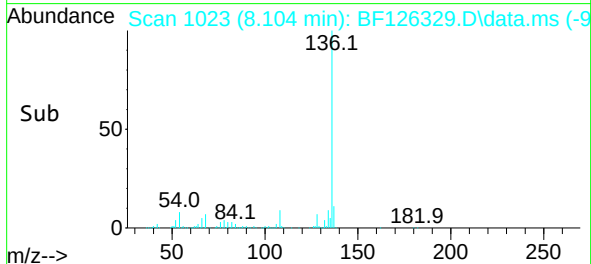
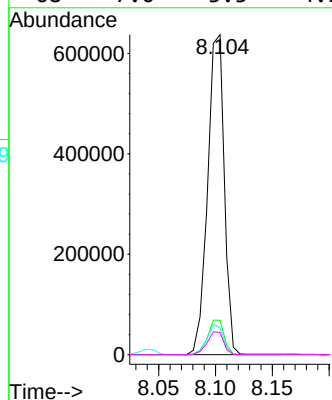
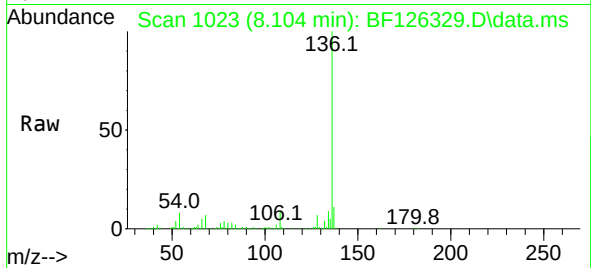
ClientSampleId :

PB141608BS

Tgt Ion:136 Resp: 650052
Ion Ratio Lower Upper
136 100
137 10.7 9.8 14.6
54 8.4 6.4 9.6
68 7.0 3.3 4.9#

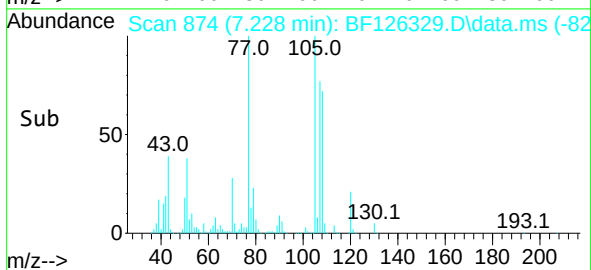
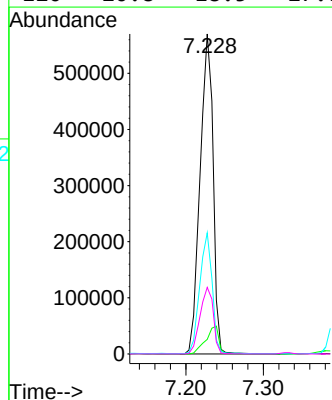
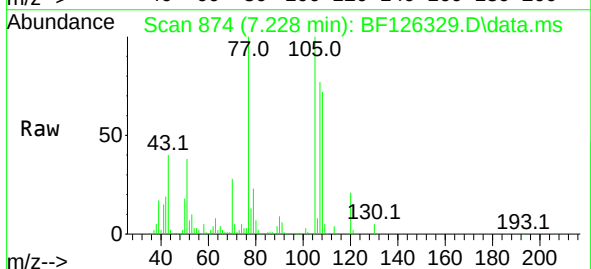
Manual Integrations
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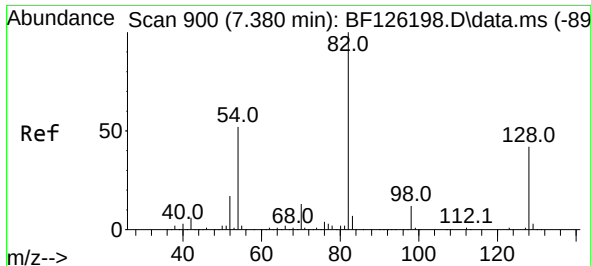
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#22
Acetophenone
Concen: 44.479 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:105 Resp: 665434
Ion Ratio Lower Upper
105 100
71 4.6 5.5 8.3#
51 37.9 26.0 39.0
120 20.8 18.5 27.7





#23

Nitrobenzene-d5

Concen: 84.539 ng

RT: 7.380 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

Tgt Ion: 82 Resp: 1014684

Ion Ratio Lower Upper

82 100

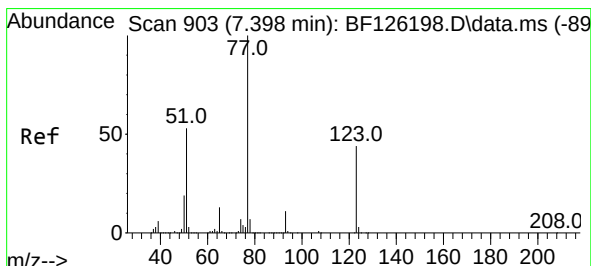
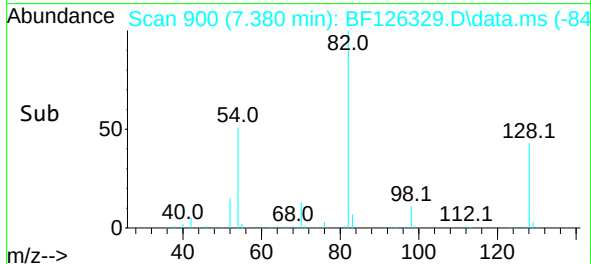
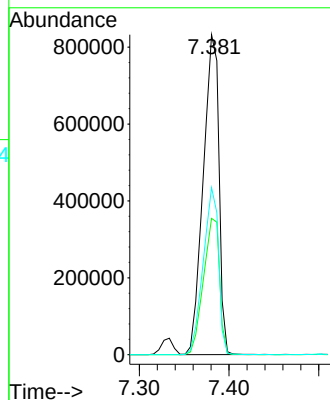
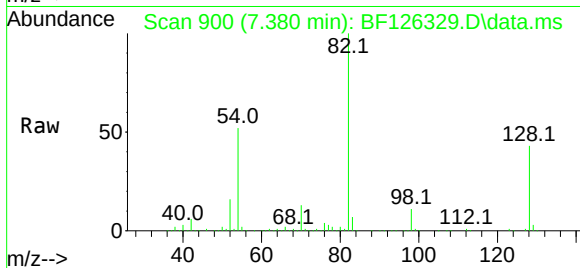
128 42.6 40.6 60.8

54 52.2 49.6 74.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#24

Nitrobenzene

Concen: 46.096 ng

RT: 7.398 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

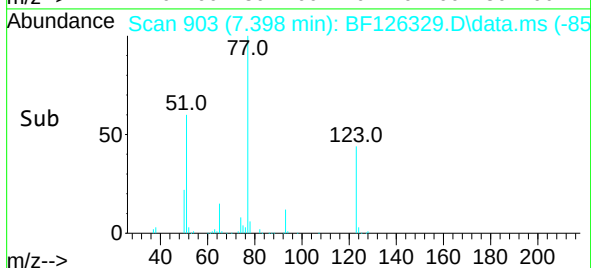
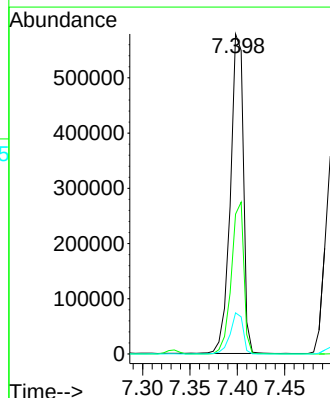
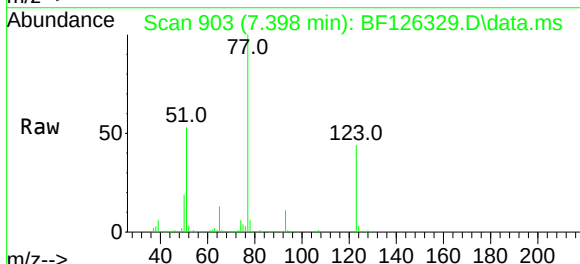
Tgt Ion: 77 Resp: 552324

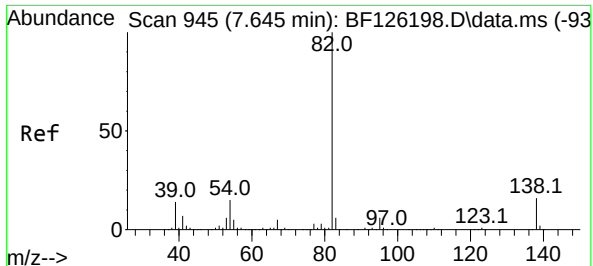
Ion Ratio Lower Upper

77 100

123 43.7 42.3 63.5

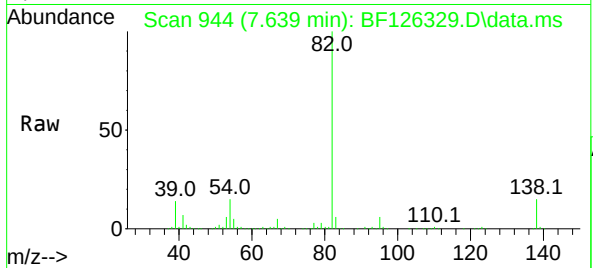
65 12.8 12.4 18.6





#25
Isophorone
Concen: 43.931 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

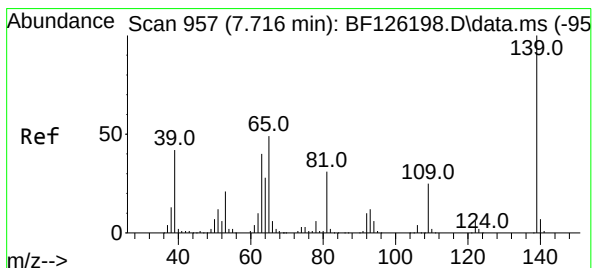
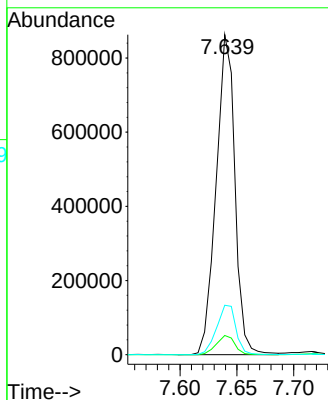
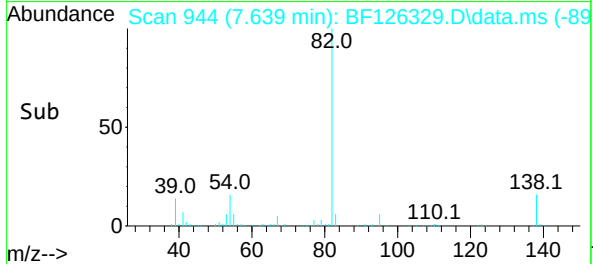
Instrument :
BNA_F
ClientSampleId :
PB141608BS



Tgt Ion: 82 Resp: 99572
Ion Ratio Lower Upper
82 100
95 6.0 6.5 9.7
138 15.5 18.4 27.6

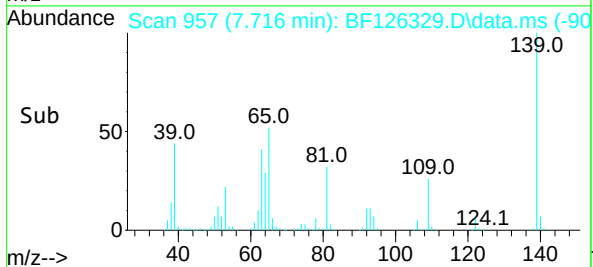
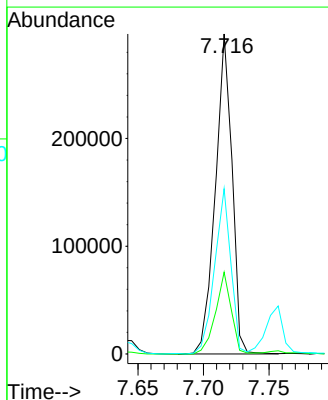
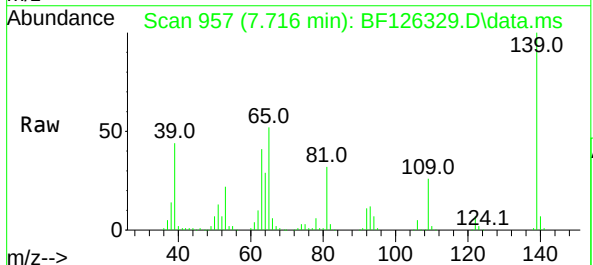
Manual Integrations
APPROVED

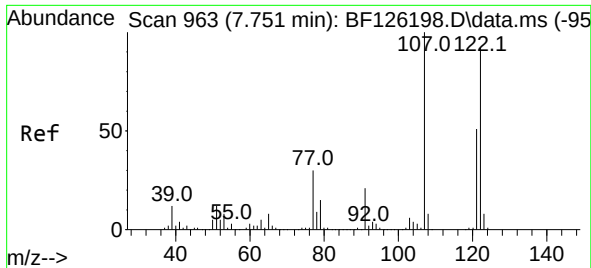
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#26
2-Nitrophenol
Concen: 48.439 ng
RT: 7.716 min Scan# 957
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:139 Resp: 261639
Ion Ratio Lower Upper
139 100
109 25.5 26.0 39.0#
65 51.7 31.0 46.4#





#27
2,4-Dimethylphenol
Concen: 48.314 ng
RT: 7.757 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

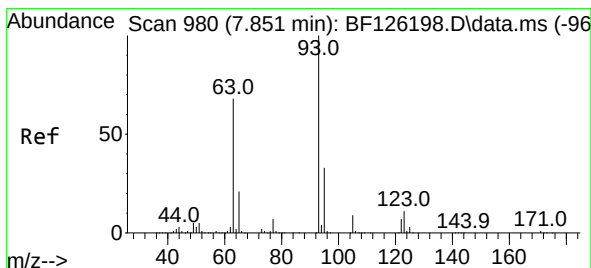
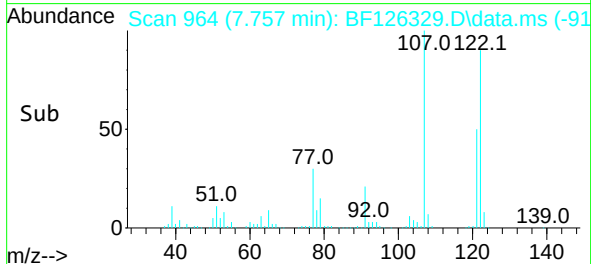
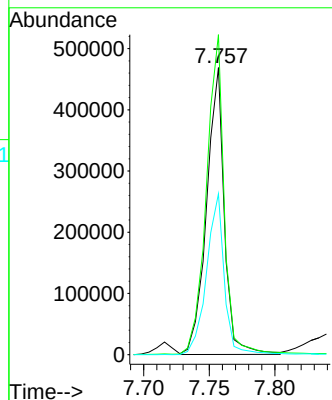
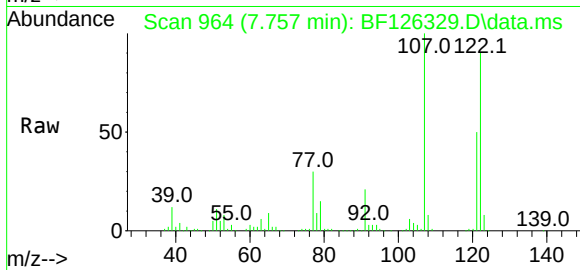
PB141608BS

Tgt Ion:122 Resp: 443178
Ion Ratio Lower Upper
122 100
107 111.5 85.0 127.6
121 56.0 43.3 64.9

Manual Integrations

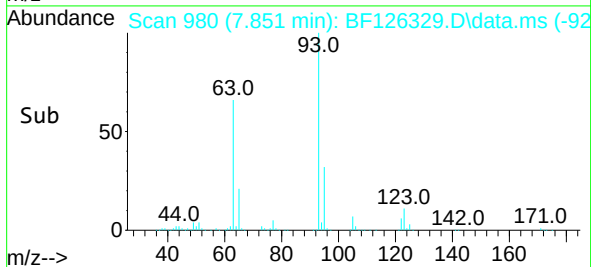
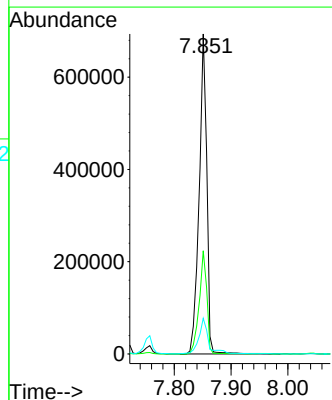
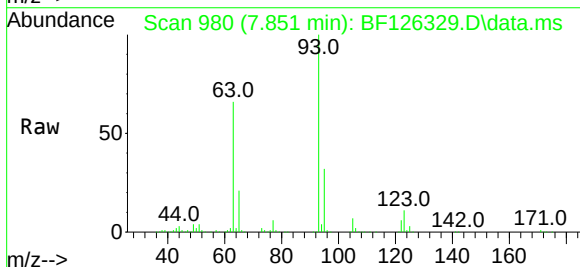
APPROVED

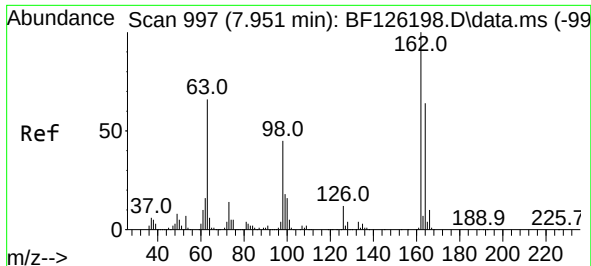
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#28
bis(2-Chloroethoxy)methane
Concen: 44.051 ng
RT: 7.851 min Scan# 980
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion: 93 Resp: 656449
Ion Ratio Lower Upper
93 100
95 32.2 26.1 39.1
123 11.1 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 44.442 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

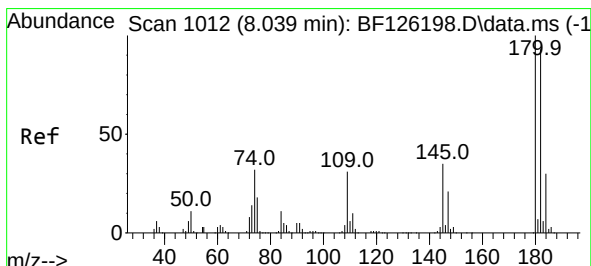
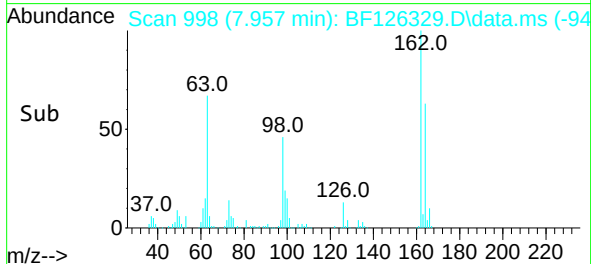
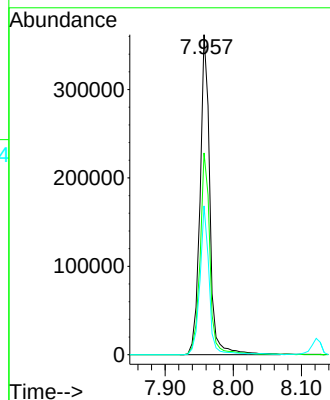
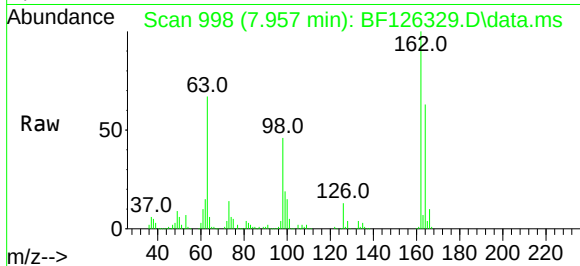
PB141608BS

Tgt Ion:162 Resp: 36237
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.5 84.5
 98 46.5 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021



#30

1,2,4-Trichlorobenzene

Concen: 44.837 ng

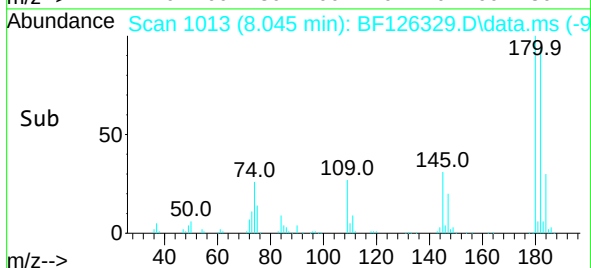
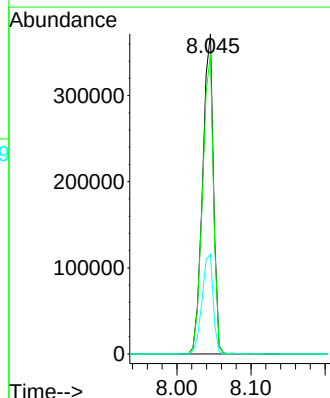
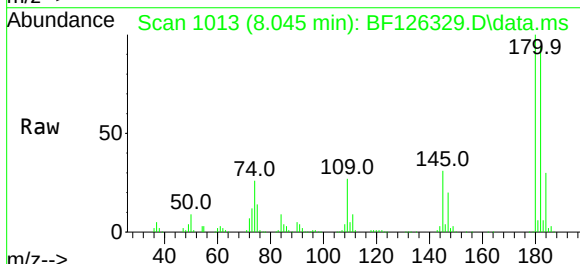
RT: 8.045 min Scan# 1013

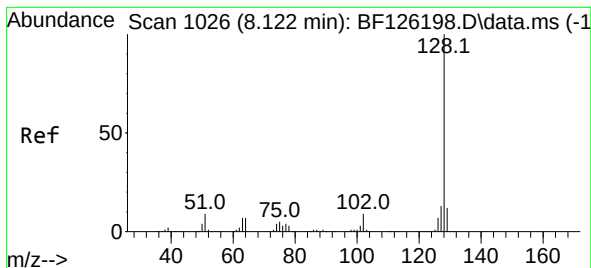
Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Tgt Ion:180 Resp: 378159
 Ion Ratio Lower Upper
 180 100
 182 93.6 76.8 115.2
 145 31.2 26.7 40.1





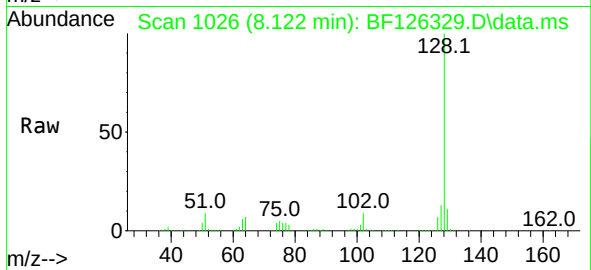
#31
Naphthalene
Concen: 45.514 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

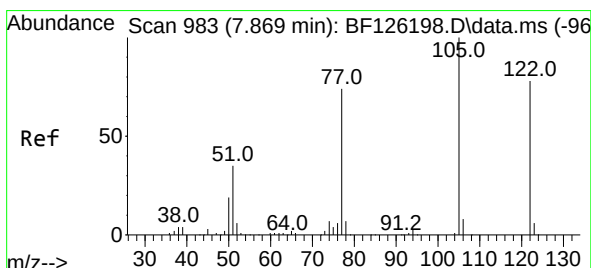
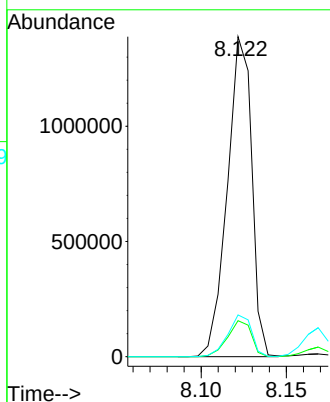
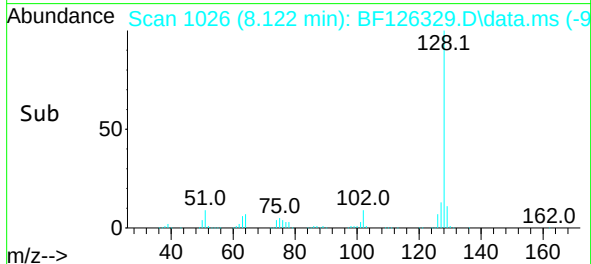


Tgt Ion:128 Resp: 138363
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 13.1 10.9 16.3

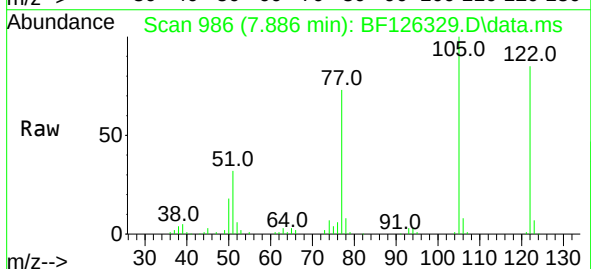
Manual Integrations

APPROVED

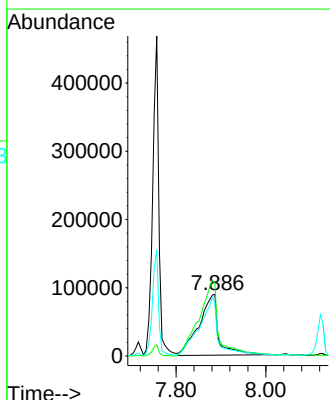
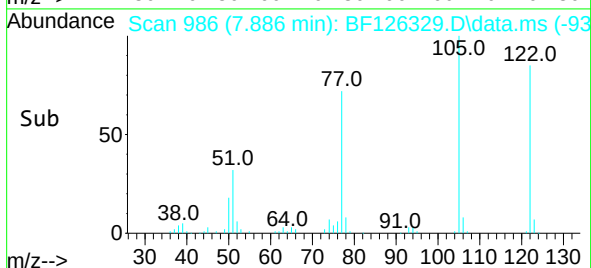
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

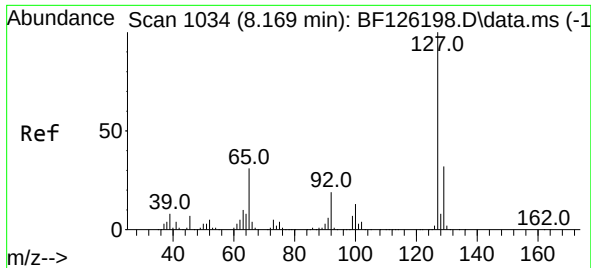


#32
Benzoic acid
Concen: 34.734 ng
RT: 7.886 min Scan# 986
Delta R.T. 0.012 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:122 Resp: 274488
Ion Ratio Lower Upper
122 100
105 117.9 97.6 137.6
77 86.5 59.6 99.6





#33
4-Chloroaniline
Concen: 11.769 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

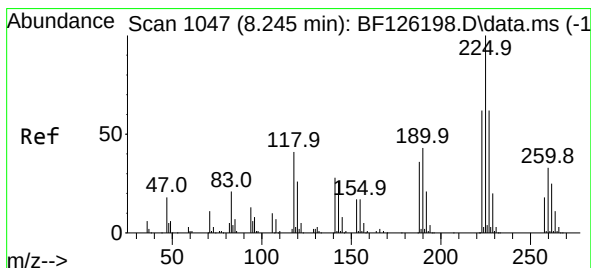
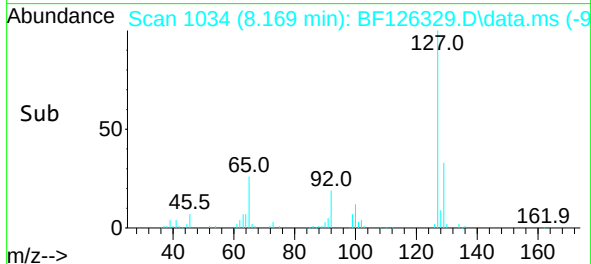
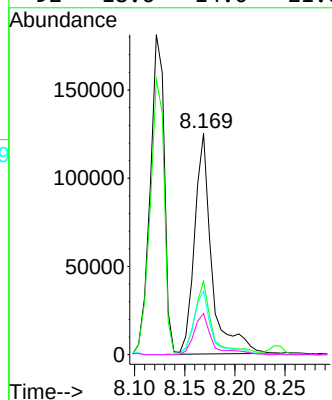
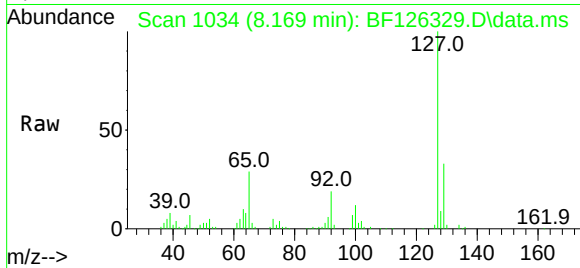
ClientSampleId :

PB141608BS

Tgt Ion:127 Resp: 149384
Ion Ratio Lower Upper
127 100
129 33.3 25.7 38.5
65 28.8 21.2 31.8
92 18.6 14.0 21.0

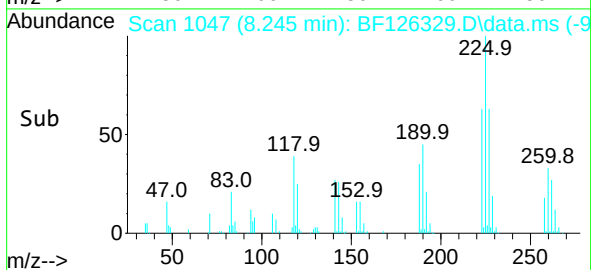
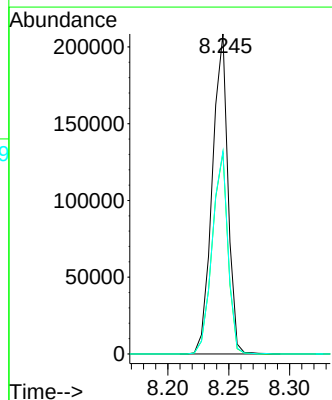
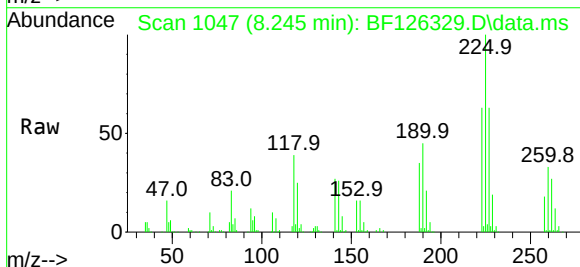
Manual Integrations
APPROVED

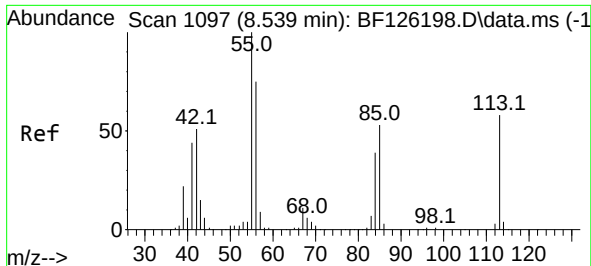
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#34
Hexachlorobutadiene
Concen: 45.121 ng
RT: 8.245 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:225 Resp: 186900
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 63.2 50.6 75.8





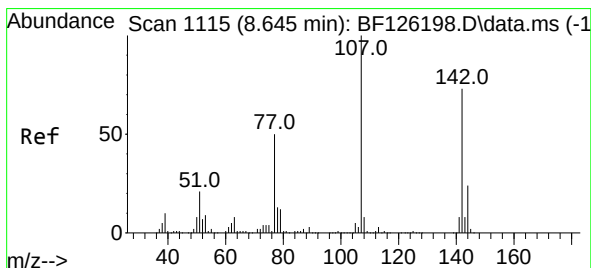
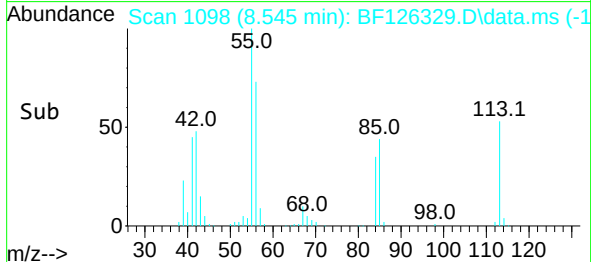
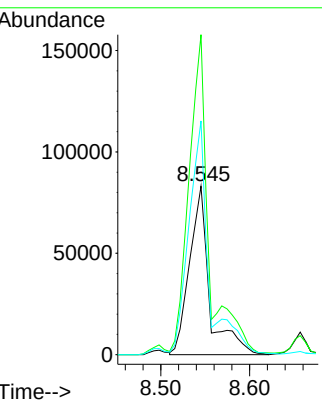
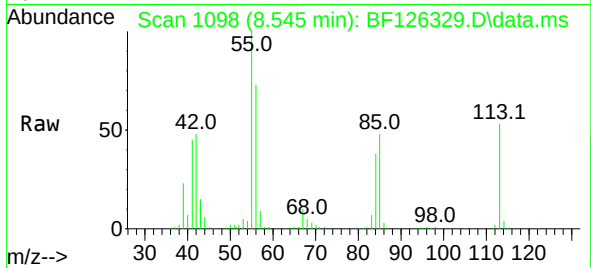
#35
Caprolactam
Concen: 64.378 ng m
RT: 8.545 min Scan# 1109
Delta R.T. 0.012 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :
BNA_F
ClientSampleId :
PB141608BS

Tgt Ion:113 Resp: 130450
Ion Ratio Lower Upper
113 100
55 190.0 154.1 194.1
56 138.7 108.7 148.7

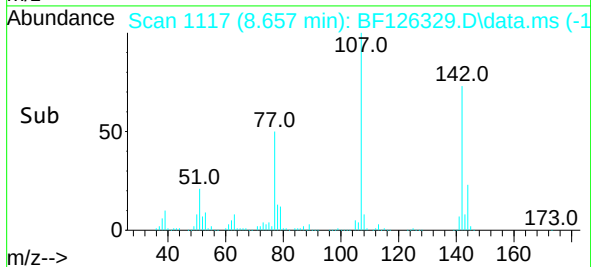
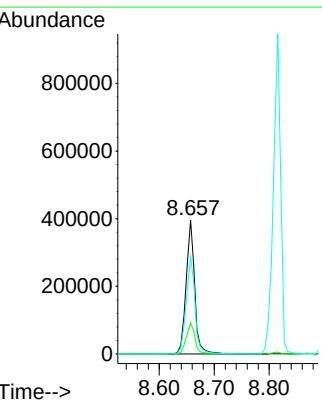
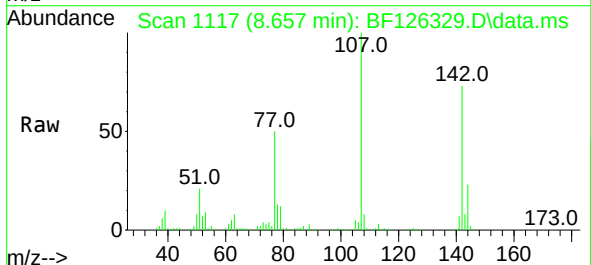
Manual Integrations
APPROVED

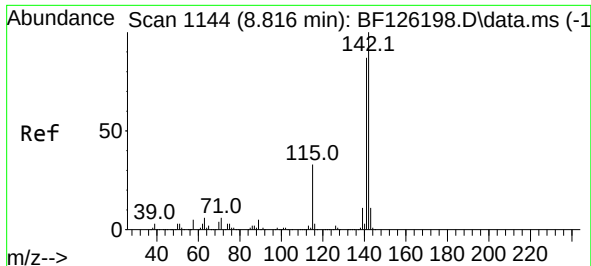
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#36
4-Chloro-3-methylphenol
Concen: 44.708 ng
RT: 8.657 min Scan# 1117
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:107 Resp: 430012
Ion Ratio Lower Upper
107 100
144 23.2 21.9 32.9
142 72.7 67.1 100.7





#37
2-Methylnaphthalene
Concen: 46.654 ng
RT: 8.816 min Scan# 1144
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

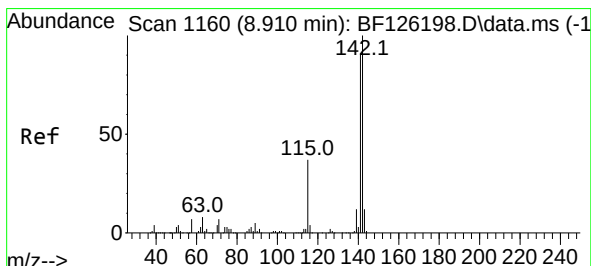
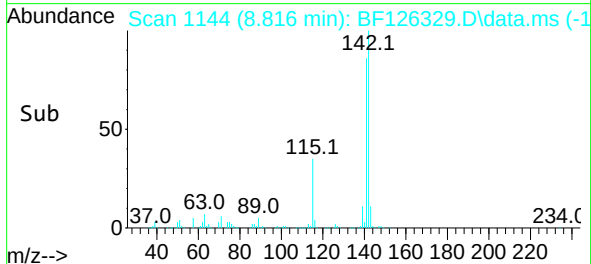
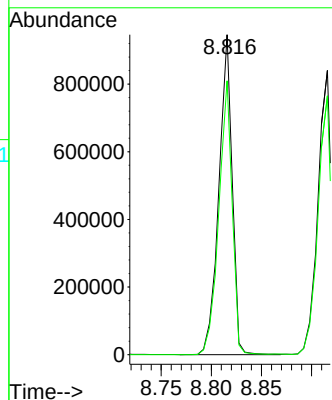
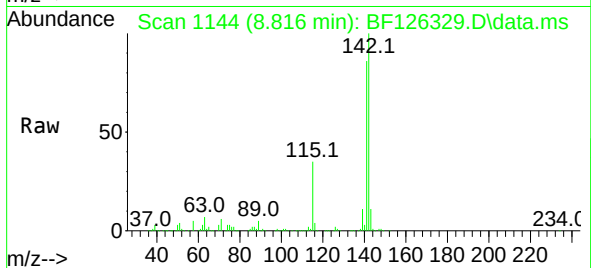
PB141608BS

Tgt Ion:142 Resp: 87344
Ion Ratio Lower Upper
142 100
141 85.6 71.2 106.8

Manual Integrations

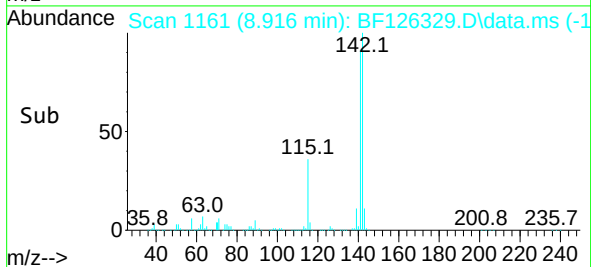
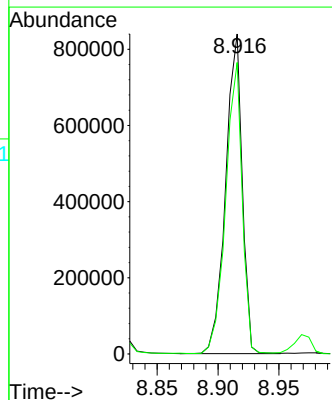
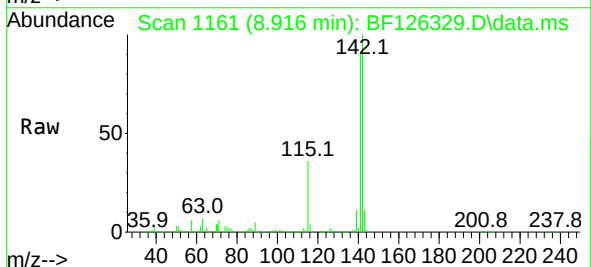
APPROVED

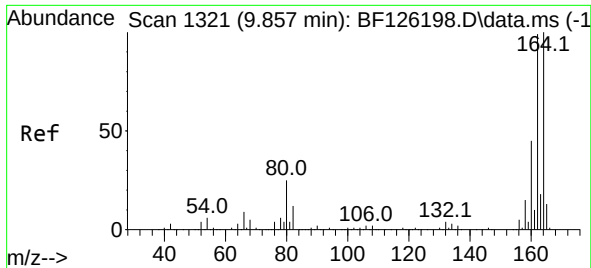
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#38
1-Methylnaphthalene
Concen: 43.791 ng
RT: 8.916 min Scan# 1161
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:142 Resp: 795607
Ion Ratio Lower Upper
142 100
141 91.1 76.0 114.0





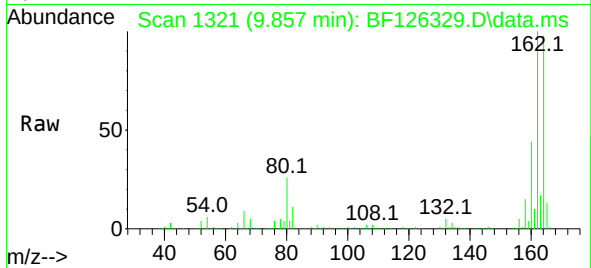
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNF_F

ClientSampleId :

PB141608BS

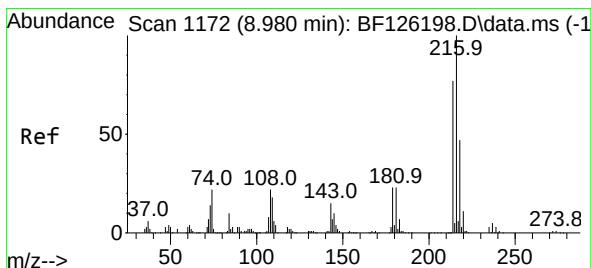
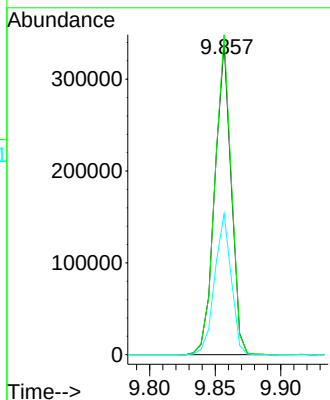
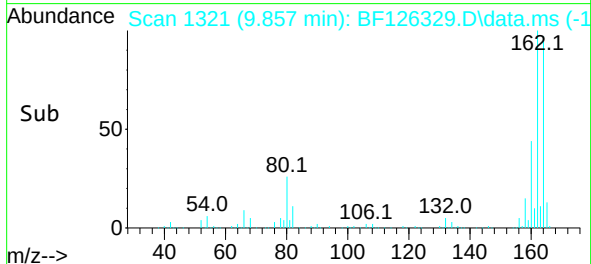


Tgt Ion:164 Resp: 29484
Ion Ratio Lower Upper
164 100
162 102.5 81.3 121.9
160 45.1 38.0 57.0

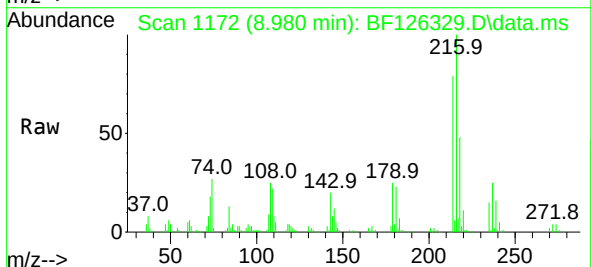
Manual Integrations

APPROVED

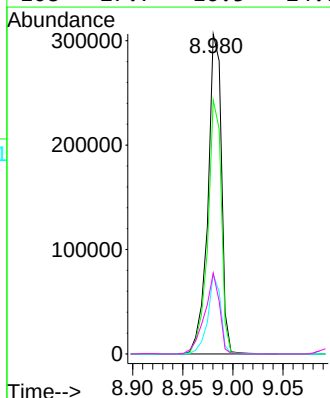
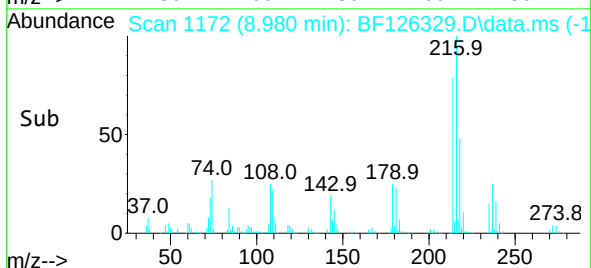
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

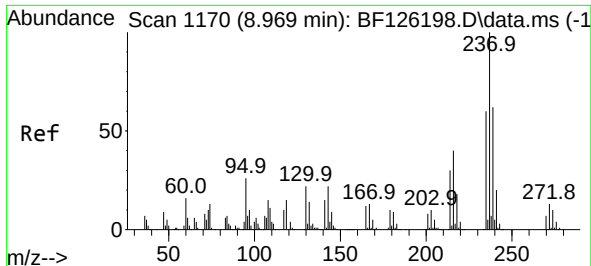


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.415 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



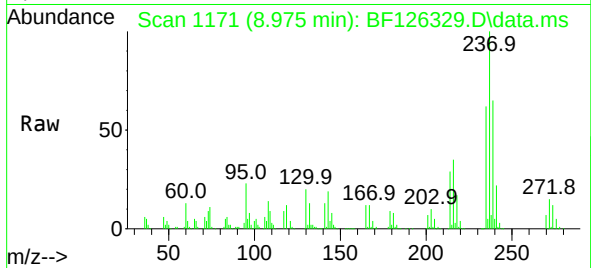
Tgt Ion:216 Resp: 288998
Ion Ratio Lower Upper
216 100
214 78.6 64.9 97.3
179 23.2 17.4 26.2
108 27.7 16.5 24.7#





#41
Hexachlorocyclopentadiene
Concen: 94.288 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

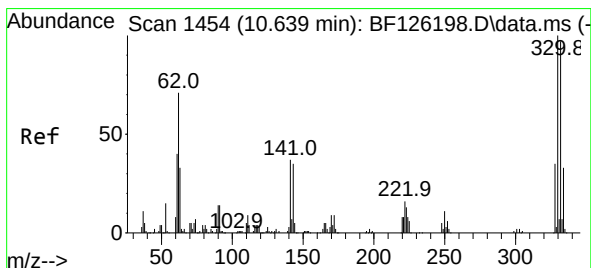
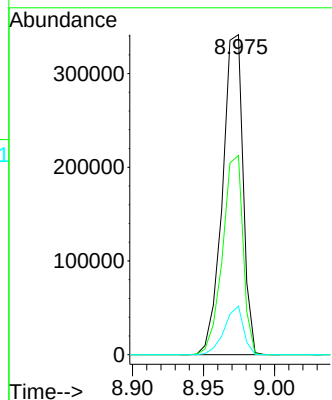
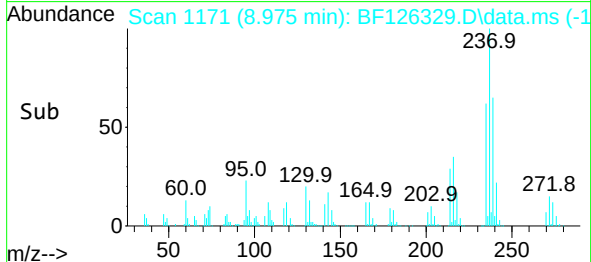
Instrument :
BNA_F
ClientSampleId :
PB141608BS



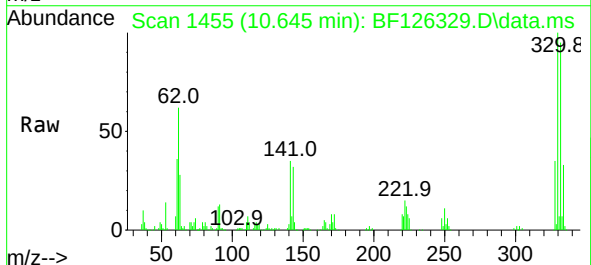
Tgt Ion:237 Resp: 34358
Ion Ratio Lower Upper
237 100
235 62.3 44.7 84.7
272 15.2 0.0 31.6

Manual Integrations
APPROVED

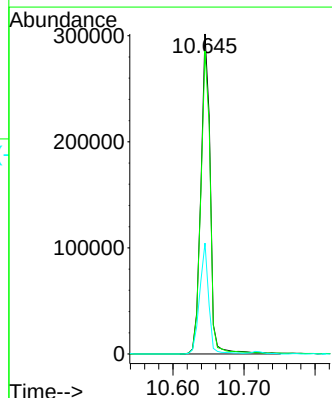
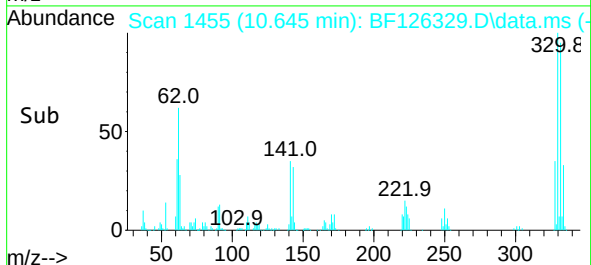
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

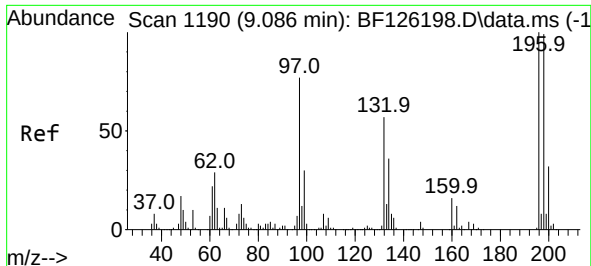


#42
2,4,6-Tribromophenol
Concen: 117.411 ng
RT: 10.645 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:330 Resp: 278203
Ion Ratio Lower Upper
330 100
332 95.6 76.2 114.4
141 33.4 44.6 66.8#





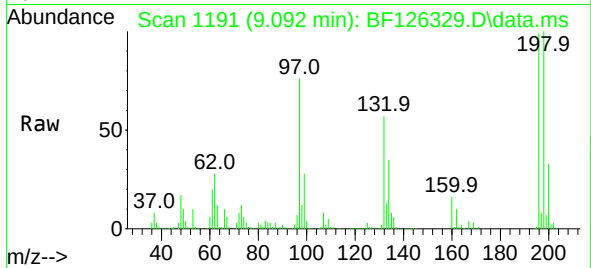
#43
2,4,6-Trichlorophenol
Concen: 41.895 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

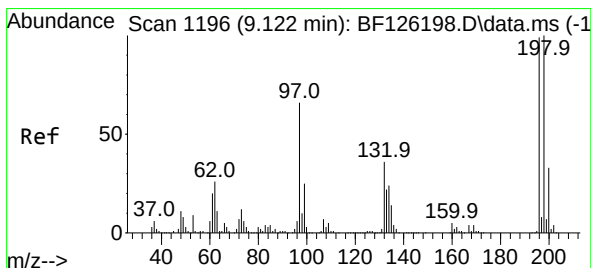
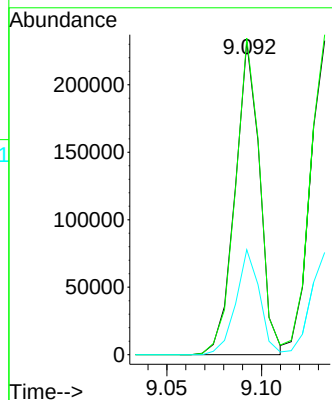


Tgt Ion:196 Resp: 20971
Ion Ratio Lower Upper
196 100
198 101.2 74.9 112.3
200 33.6 27.0 40.4

Manual Integrations

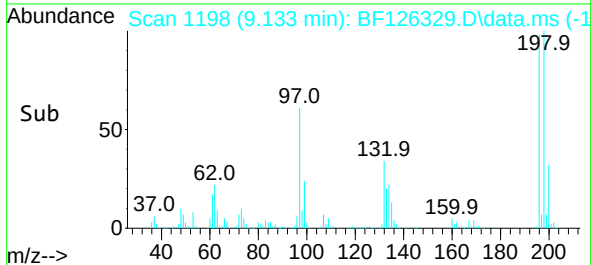
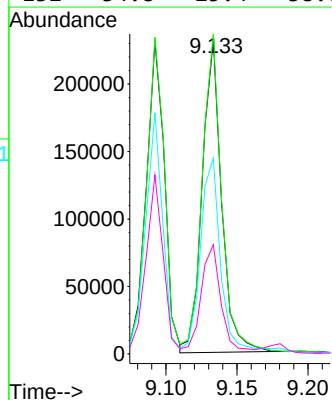
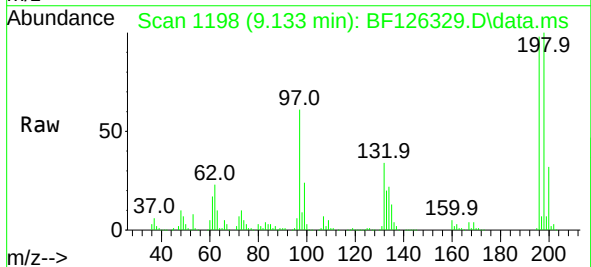
APPROVED

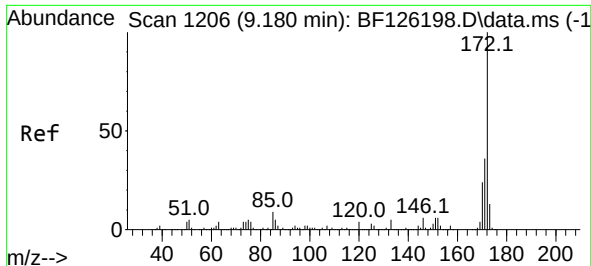
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#44
2,4,5-Trichlorophenol
Concen: 42.337 ng
RT: 9.133 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:196 Resp: 219472
Ion Ratio Lower Upper
196 100
198 101.9 80.2 120.2
97 62.3 44.0 66.0
132 34.8 25.4 38.0





#45
2-Fluorobiphenyl
Concen: 79.468 ng
RT: 9.180 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

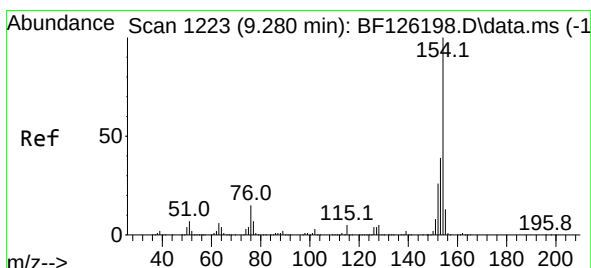
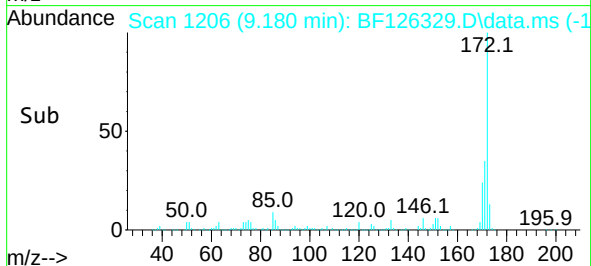
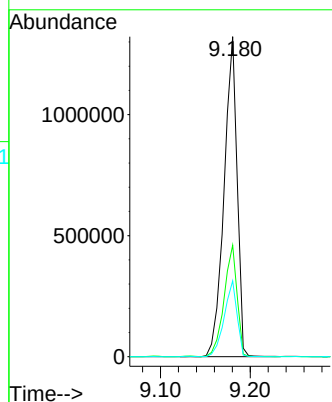
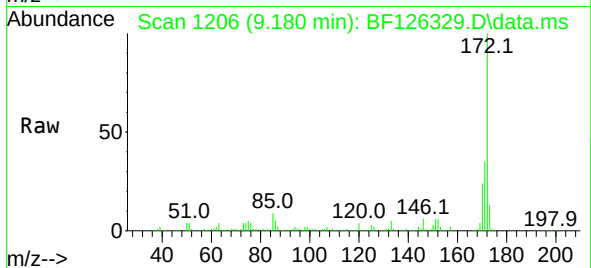
PB141608BS

Tgt Ion:172 Resp: 1335920
Ion Ratio Lower Upper
172 100
171 34.8 26.5 39.7
170 23.7 18.8 28.2

Manual Integrations

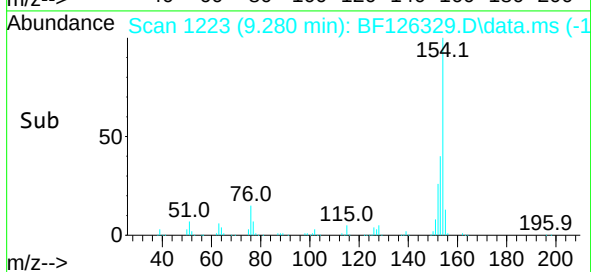
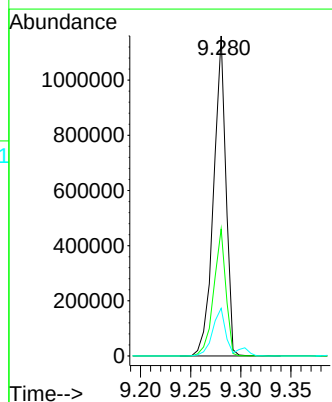
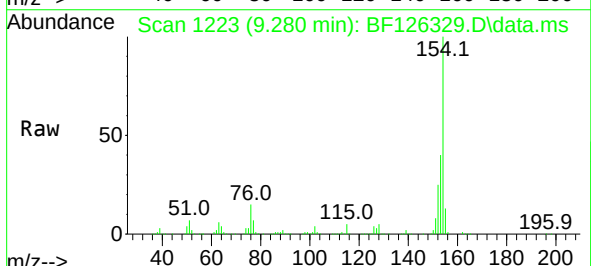
APPROVED

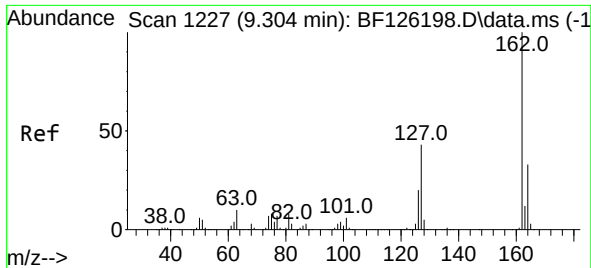
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#46
1,1'-Biphenyl
Concen: 45.518 ng
RT: 9.280 min Scan# 1223
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

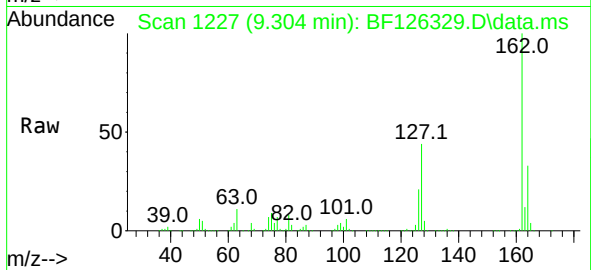
Tgt Ion:154 Resp: 992328
Ion Ratio Lower Upper
154 100
153 39.7 20.0 60.0
76 14.9 0.0 30.3





#47
2-Chloronaphthalene
Concen: 43.876 ng
RT: 9.304 min Scan# 1227
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

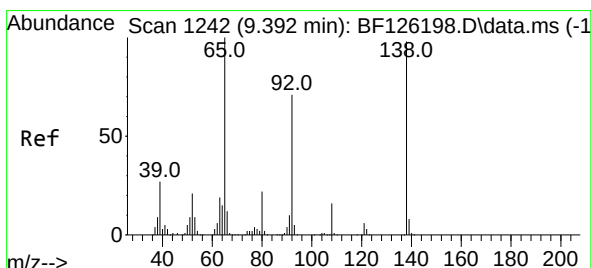
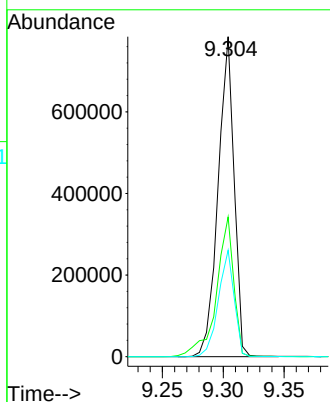
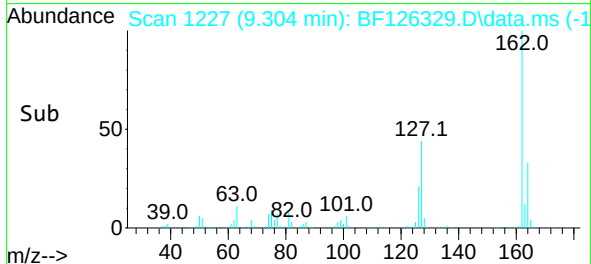
Instrument :
BNA_F
ClientSampleId :
PB141608BS



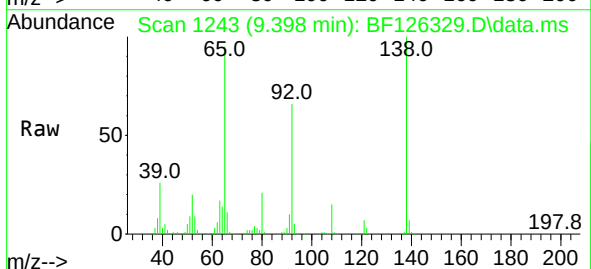
Tgt Ion:162 Resp: 719678
Ion Ratio Lower Upper
162 100
127 43.7 33.0 49.4
164 33.2 25.8 38.8

Manual Integrations
APPROVED

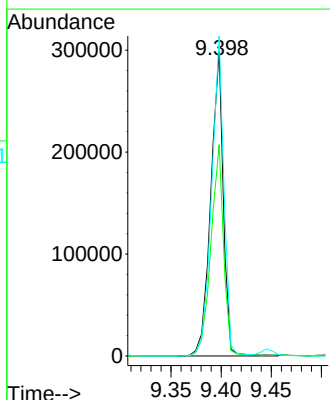
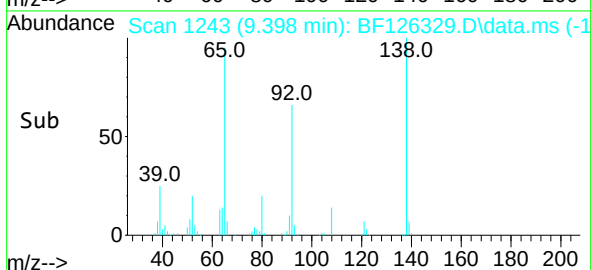
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

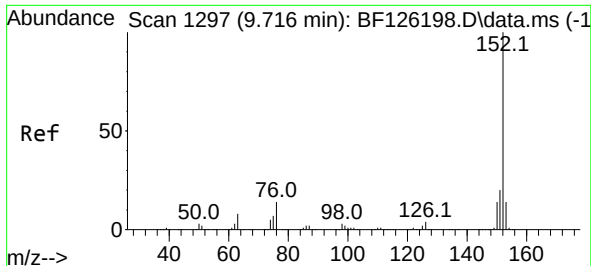


#48
2-Nitroaniline
Concen: 43.623 ng
RT: 9.398 min Scan# 1243
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



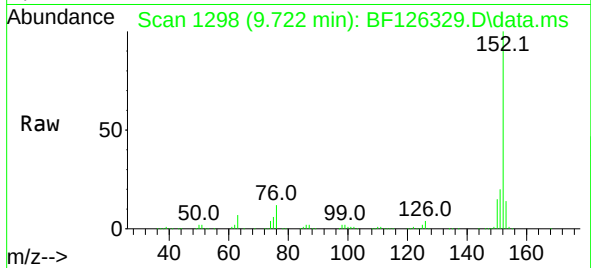
Tgt Ion: 65 Resp: 261171
Ion Ratio Lower Upper
65 100
92 69.3 55.5 83.3
138 104.9 93.5 140.3





#49
Acenaphthylene
Concen: 44.538 ng
RT: 9.722 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

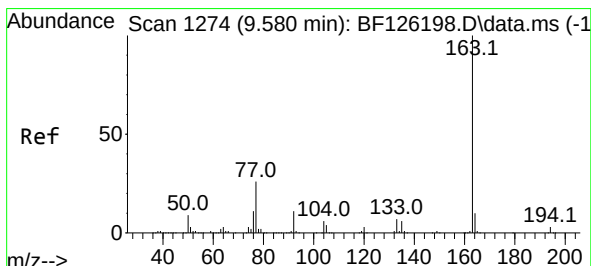
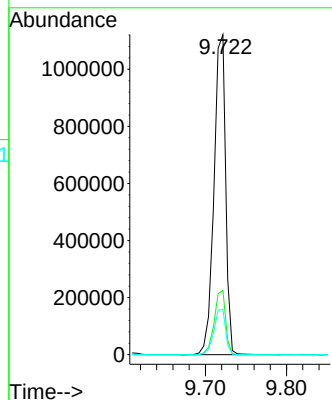
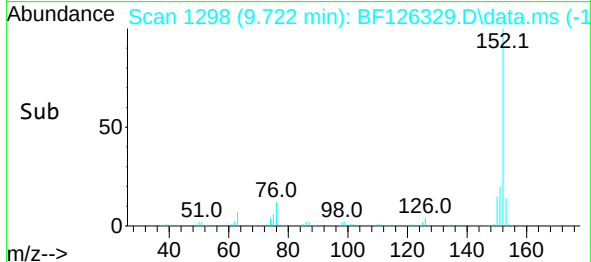
Instrument :
BNA_F
ClientSampleId :
PB141608BS



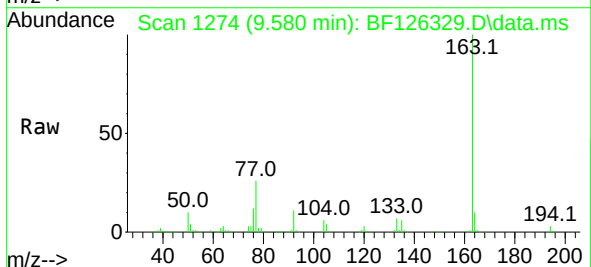
Tgt Ion:152 Resp: 1116290
Ion Ratio Lower Upper
152 100
151 20.1 15.7 23.5
153 14.1 9.8 14.8

Manual Integrations
APPROVED

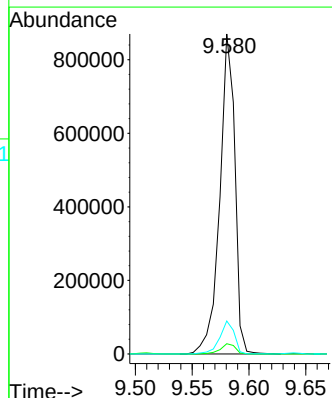
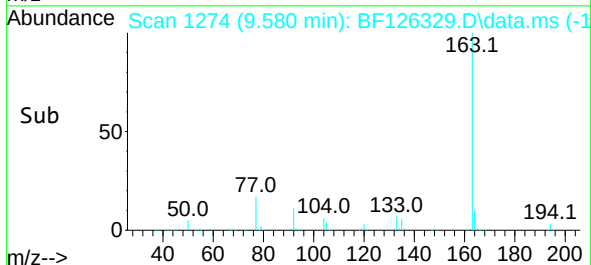
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

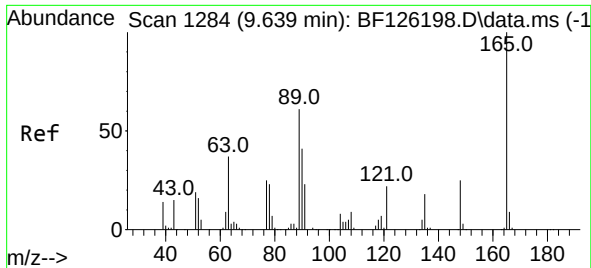


#50
Dimethylphthalate
Concen: 43.240 ng
RT: 9.580 min Scan# 1274
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:163 Resp: 807577
Ion Ratio Lower Upper
163 100
194 3.2 2.6 3.8
164 10.3 7.4 11.0





#51
2,6-Dinitrotoluene
Concen: 44.605 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

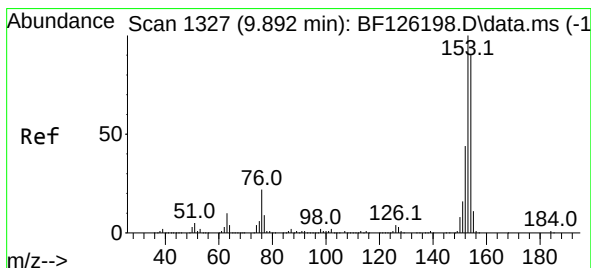
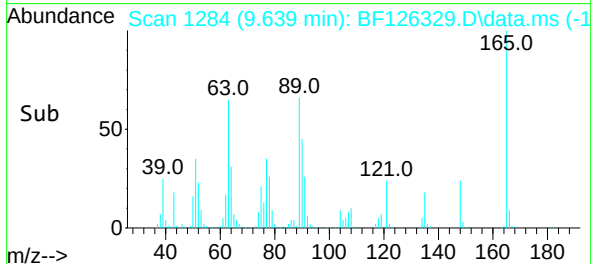
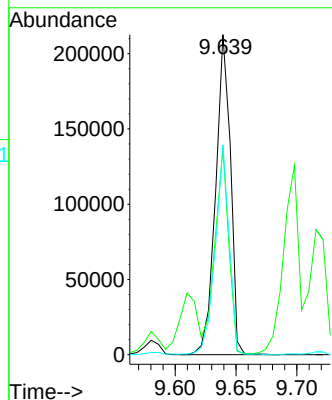
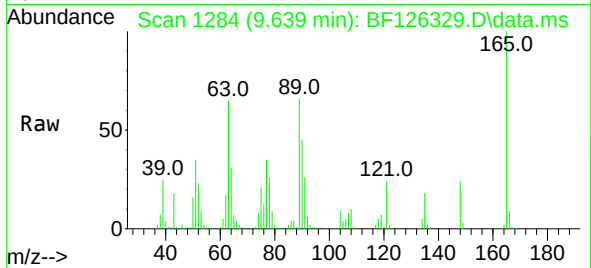
PB141608BS

Tgt Ion:165 Resp: 180310
Ion Ratio Lower Upper
165 100
63 64.6 42.6 63.8
89 65.6 40.6 60.8

Manual Integrations

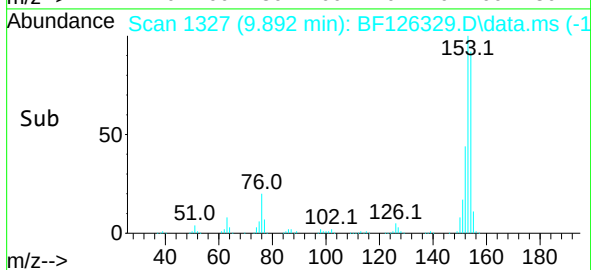
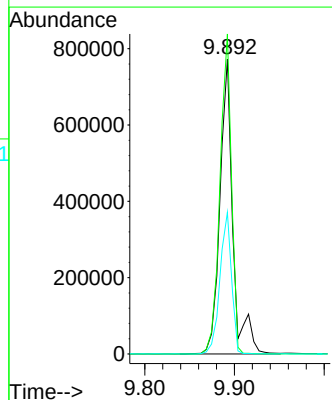
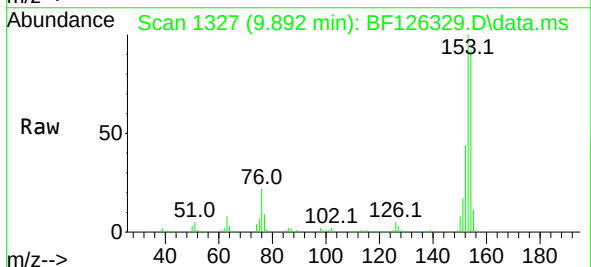
APPROVED

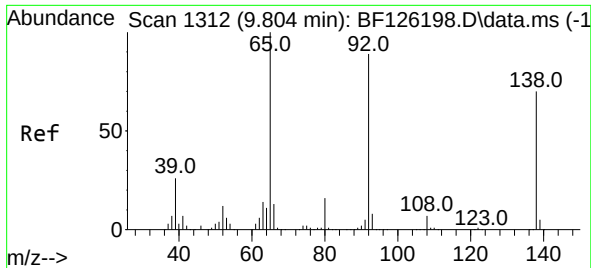
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#52
Acenaphthene
Concen: 47.556 ng
RT: 9.892 min Scan# 1327
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:154 Resp: 772968
Ion Ratio Lower Upper
154 100
153 108.5 89.4 134.2
152 48.0 40.5 60.7





#53
3-Nitroaniline
Concen: 20.472 ng
RT: 9.804 min Scan# 1312
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

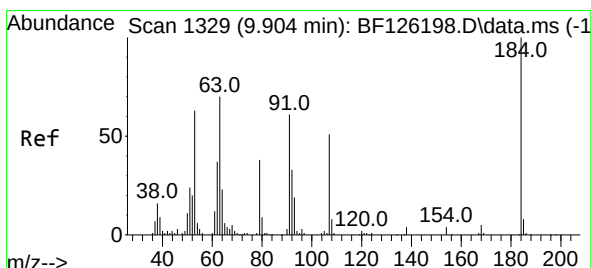
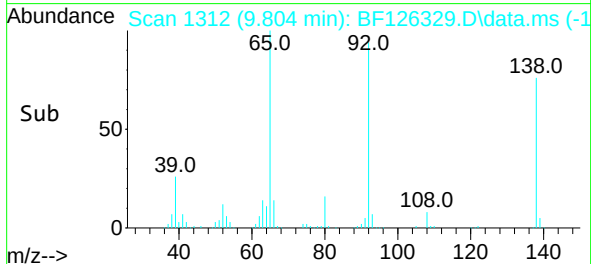
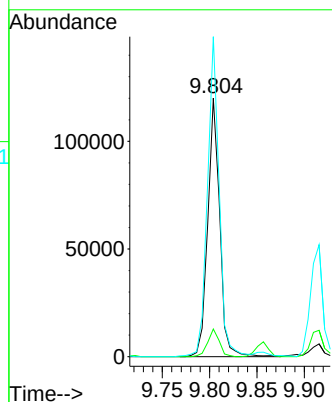
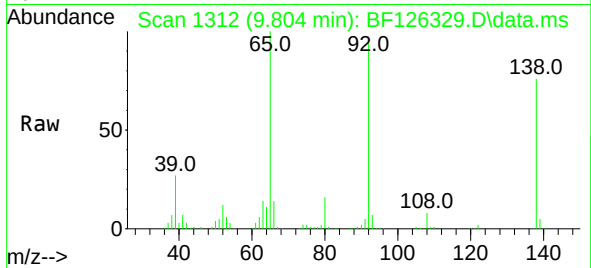
PB141608BS

Tgt Ion:138 Resp: 10518
Ion Ratio Lower Upper
138 100
108 10.7 9.3 13.9
92 123.7 76.5 114.7

Manual Integrations

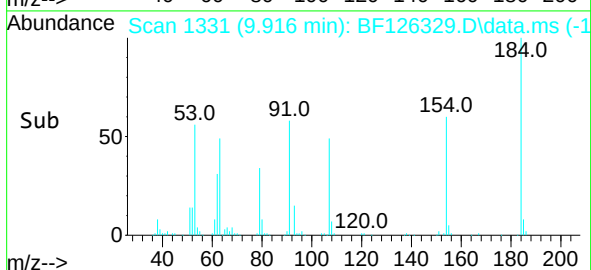
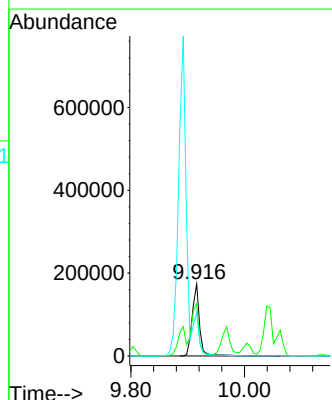
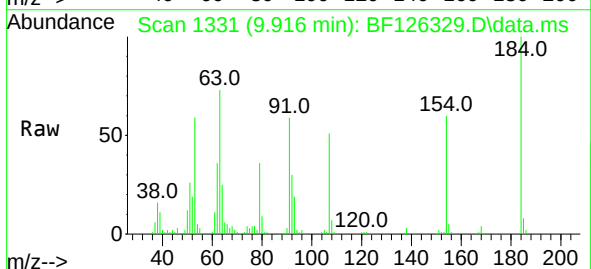
APPROVED

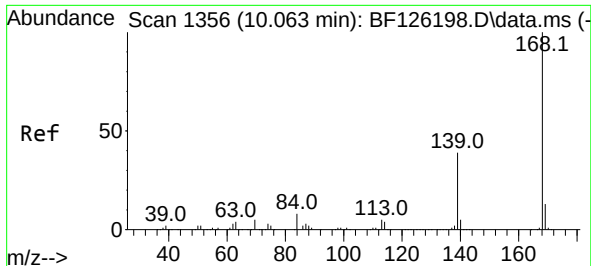
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#54
2,4-Dinitrophenol
Concen: 95.086 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

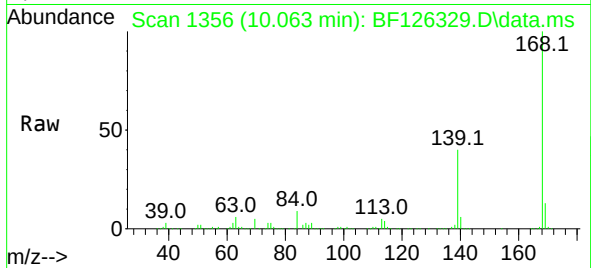
Tgt Ion:184 Resp: 158271
Ion Ratio Lower Upper
184 100
63 72.9 59.3 88.9
154 60.1 68.6 102.8





#55
Dibenzenofuran
Concen: 43.000 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

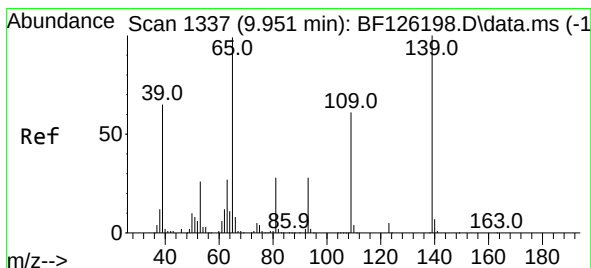
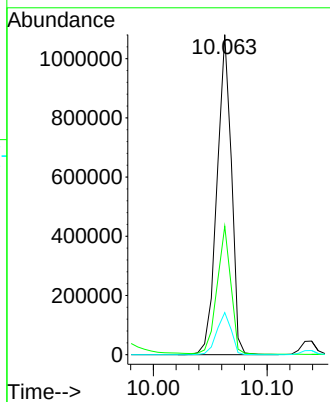
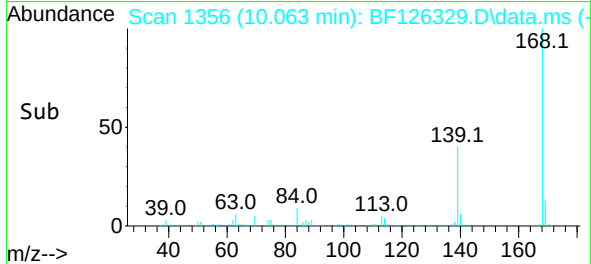
Instrument :
BNA_F
ClientSampleId :
PB141608BS



Tgt Ion:168 Resp: 951574
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 13.1 11.2 16.8

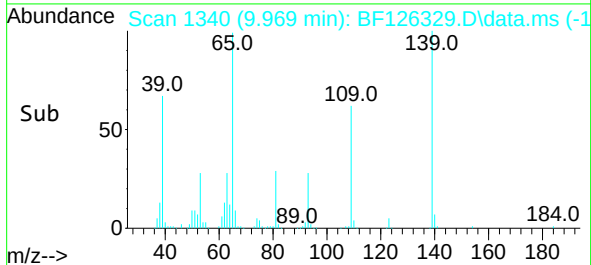
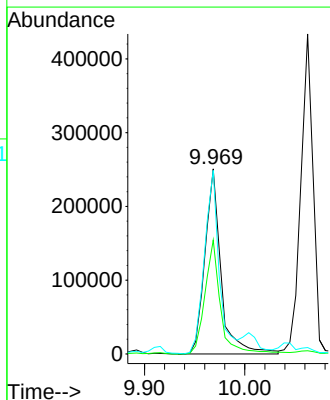
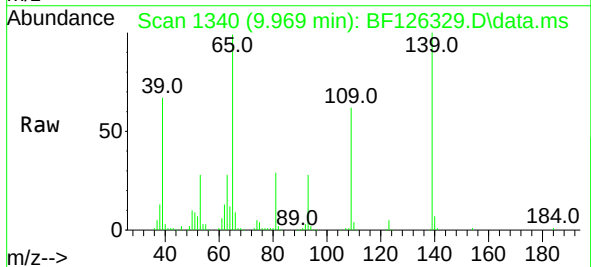
Manual Integrations
APPROVED

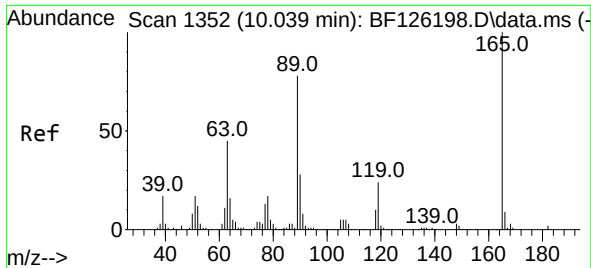
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#56
4-Nitrophenol
Concen: 75.538 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:139 Resp: 280354
Ion Ratio Lower Upper
139 100
109 61.5 60.4 100.4
65 99.2 58.4 98.4#





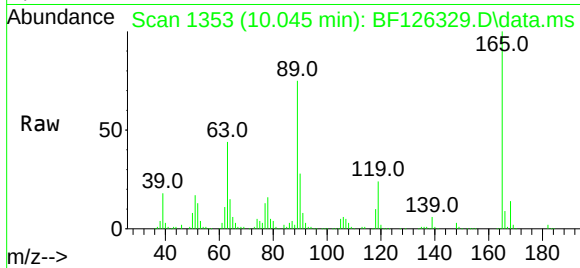
#57
2,4-Dinitrotoluene
Concen: 45.232 ng
RT: 10.045 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

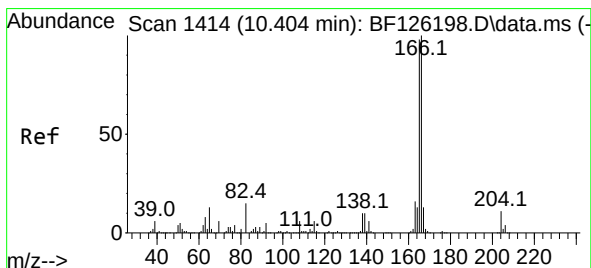
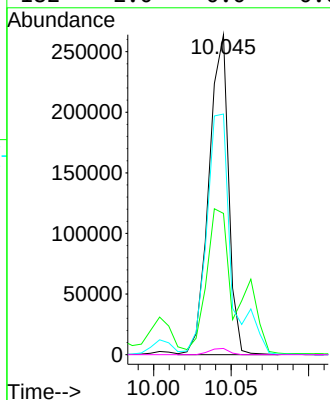
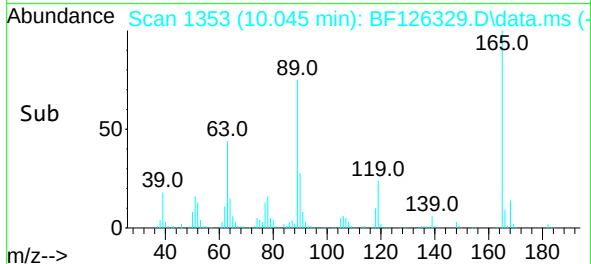


Tgt Ion:165 Resp: 233240
Ion Ratio Lower Upper
165 100
63 44.2 40.9 61.3
89 75.2 59.7 89.5
182 2.0 0.0 0.0#

Manual Integrations

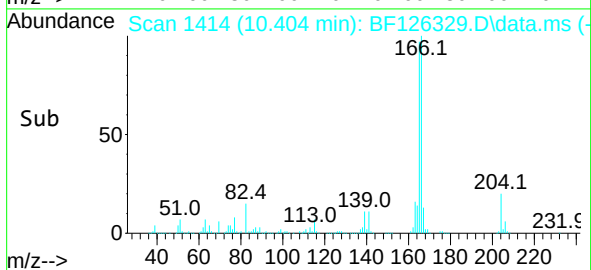
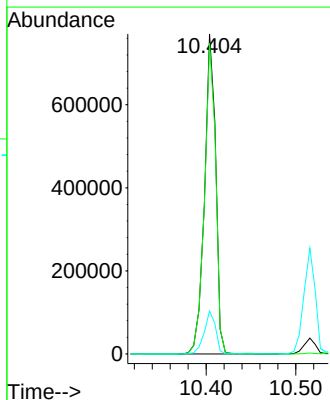
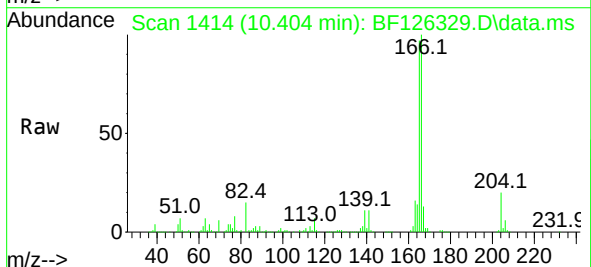
APPROVED

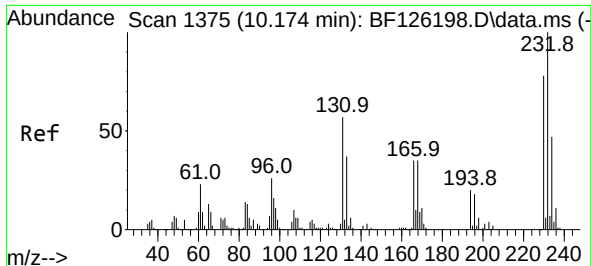
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#58
Fluorene
Concen: 41.536 ng
RT: 10.404 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

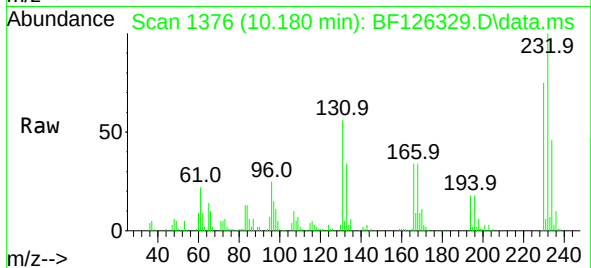
Tgt Ion:166 Resp: 665436
Ion Ratio Lower Upper
166 100
165 97.1 78.1 117.1
167 13.4 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.473 ng
RT: 10.180 min Scan# 1376
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

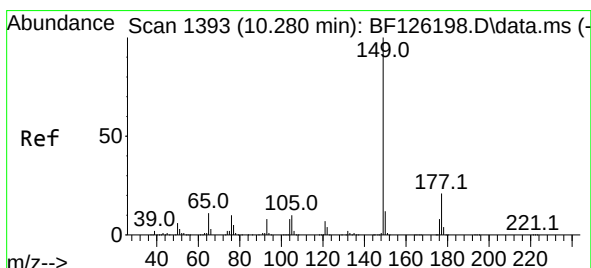
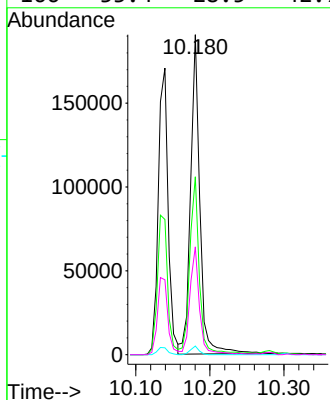
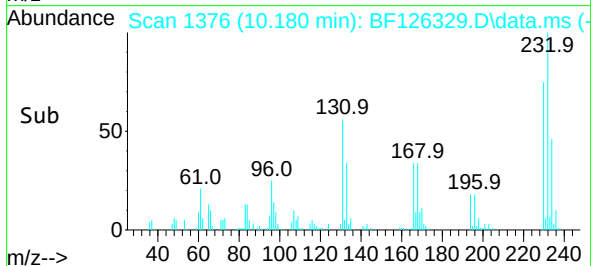
Instrument :
BNA_F
ClientSampleId :
PB141608BS



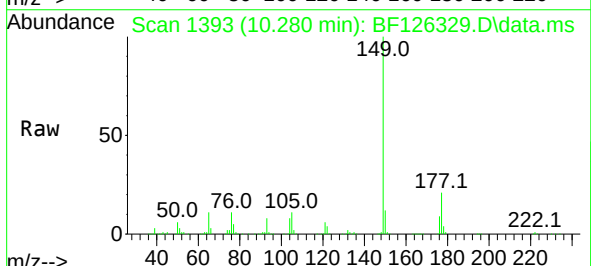
Tgt Ion:232 Resp: 167090
Ion Ratio Lower Upper
232 100
131 58.2 45.4 68.0
130 2.4 0.0 0.0
166 33.4 28.5 42.7

Manual Integrations
APPROVED

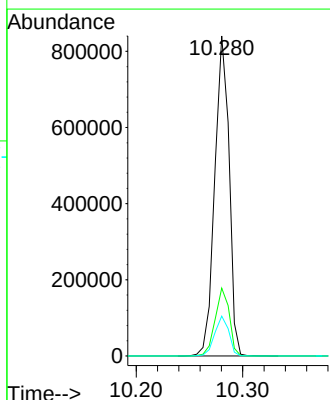
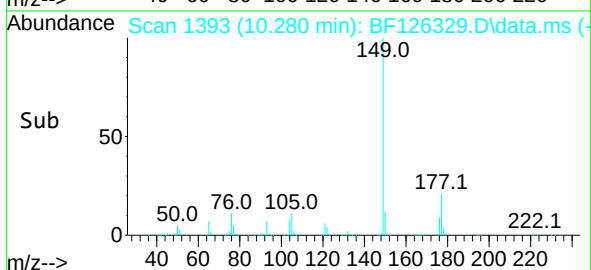
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

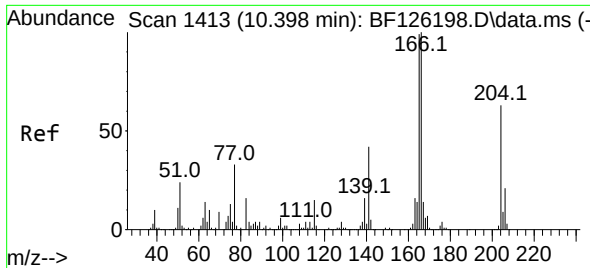


#60
Diethylphthalate
Concen: 41.779 ng
RT: 10.280 min Scan# 1393
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



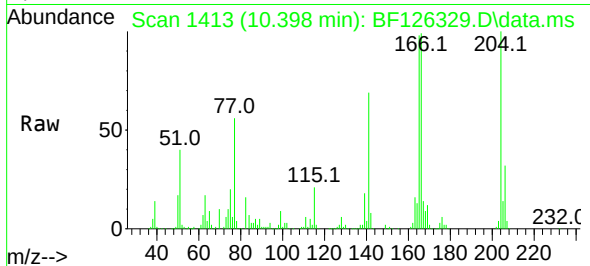
Tgt Ion:149 Resp: 784148
Ion Ratio Lower Upper
149 100
177 21.2 16.5 24.7
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 40.537 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

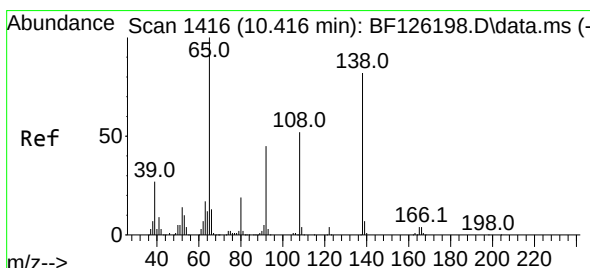
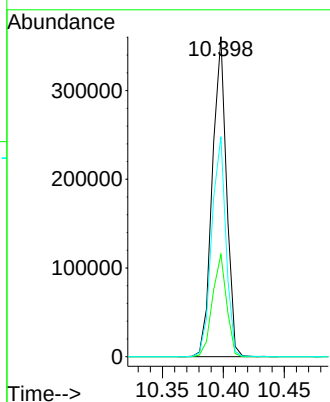
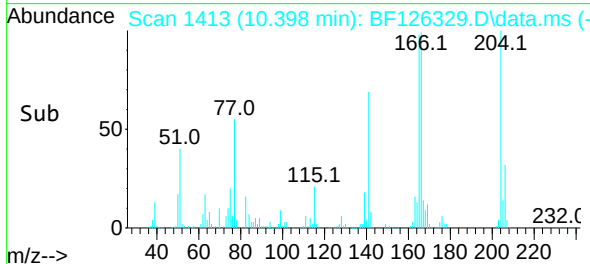
Instrument :
BNA_F
ClientSampleId :
PB141608BS



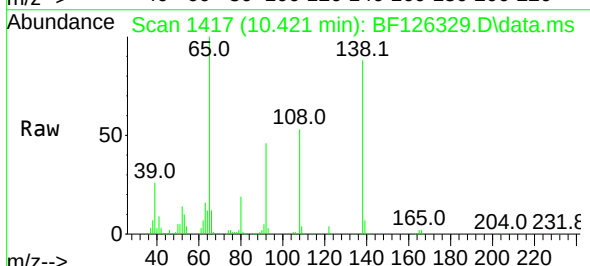
Tgt Ion:204 Resp: 292400
Ion Ratio Lower Upper
204 100
206 31.9 27.6 41.4
141 68.8 58.6 88.0

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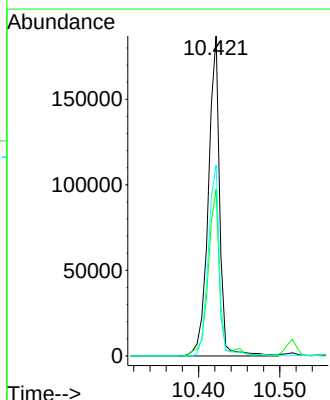
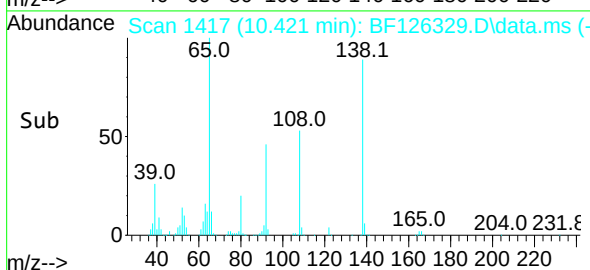
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

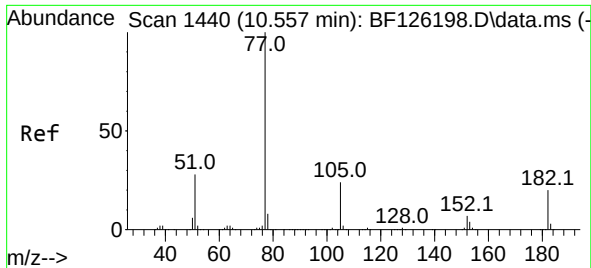


#62
4-Nitroaniline
Concen: 41.935 ng
RT: 10.421 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:138 Resp: 180749
Ion Ratio Lower Upper
138 100
92 52.0 29.6 69.6
108 59.7 78.1 118.1#





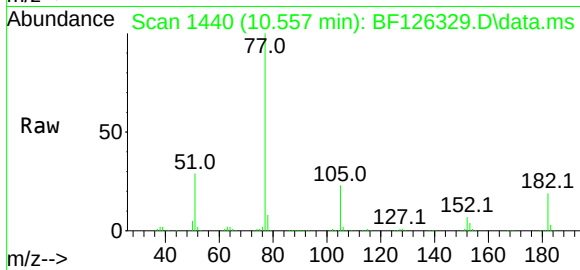
#63
Azobenzene
Concen: 41.645 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

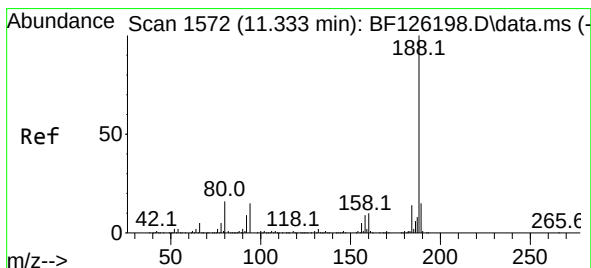
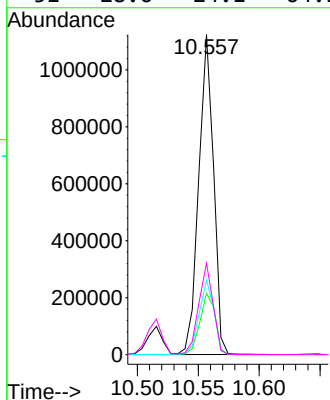
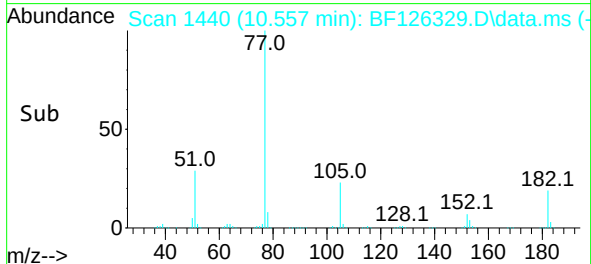


Tgt Ion: 77 Resp: 946750
Ion Ratio Lower Upper
77 100
182 19.2 6.3 46.3
105 23.3 2.9 42.9
51 28.6 24.1 64.1

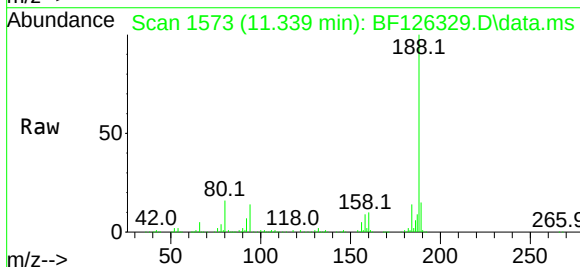
Manual Integrations

APPROVED

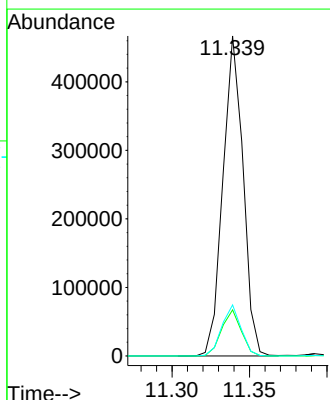
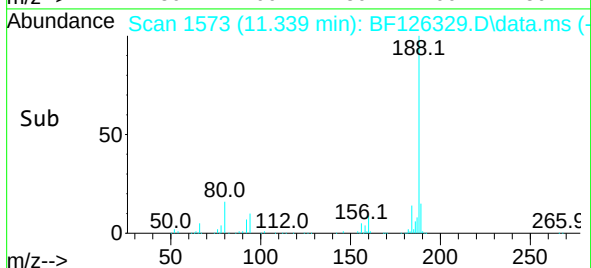
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

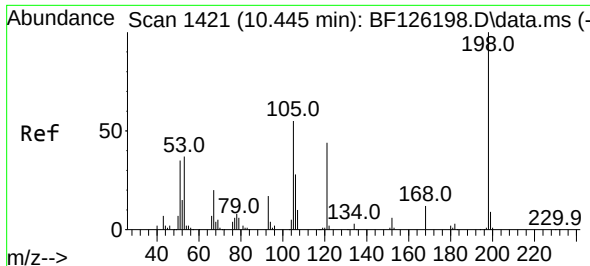


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



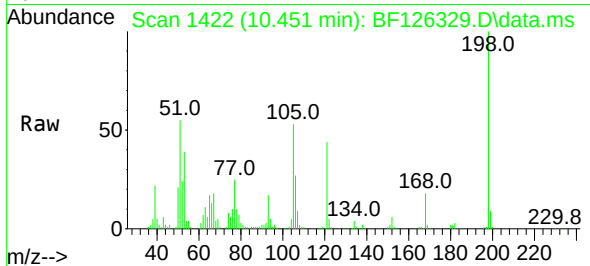
Tgt Ion:188 Resp: 422145
Ion Ratio Lower Upper
188 100
94 14.4 6.7 10.1#
80 16.0 7.5 11.3#





#65
4,6-Dinitro-2-methylphenol
Concen: 44.762 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

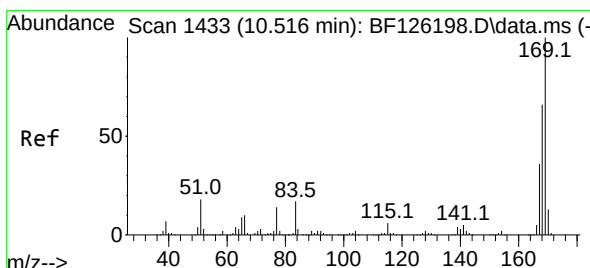
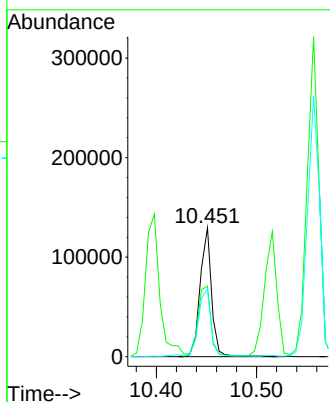
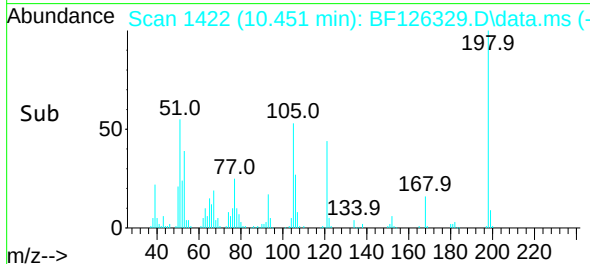
Instrument :
BNA_F
ClientSampleId :
PB141608BS



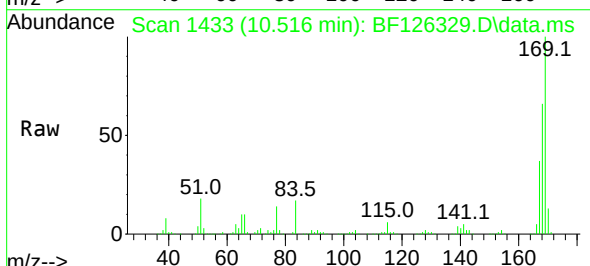
Tgt Ion:198 Resp: 10318
Ion Ratio Lower Upper
198 100
51 54.8 45.3 85.3
105 52.6 30.6 70.6

Manual Integrations
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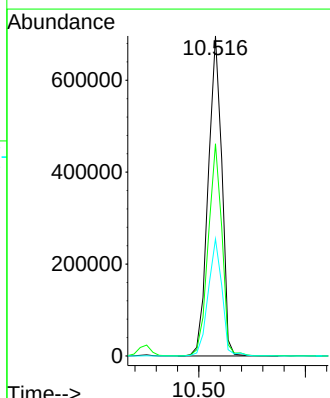
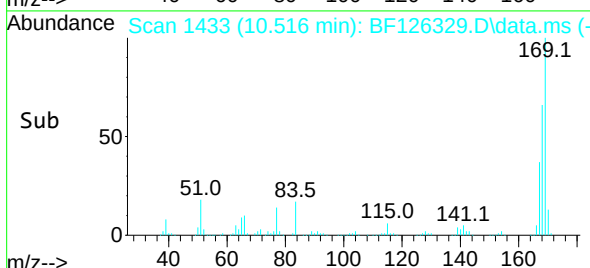
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

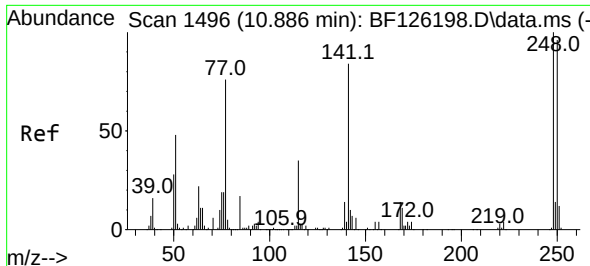


#66
n-Nitrosodiphenylamine
Concen: 45.693 ng
RT: 10.516 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



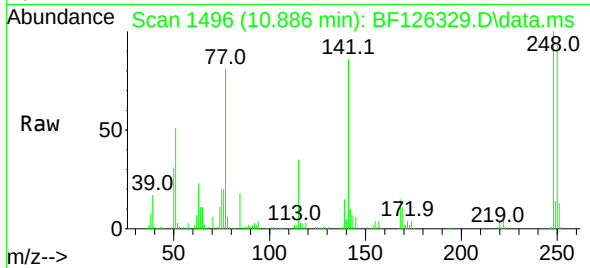
Tgt Ion:169 Resp: 619057
Ion Ratio Lower Upper
169 100
168 66.3 50.8 76.2
167 36.6 28.8 43.2





#67
4-Bromophenyl-phenylether
Concen: 47.031 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

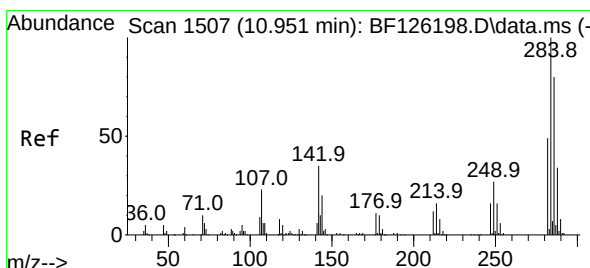
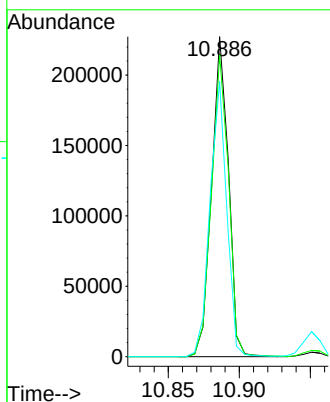
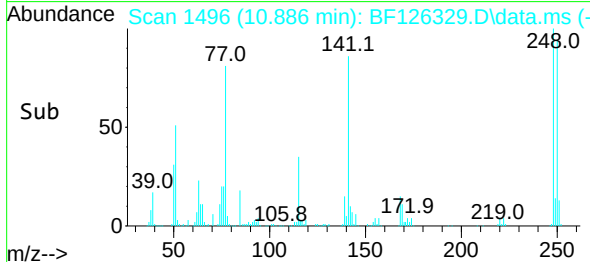
Instrument :
BNA_F
ClientSampleId :
PB141608BS



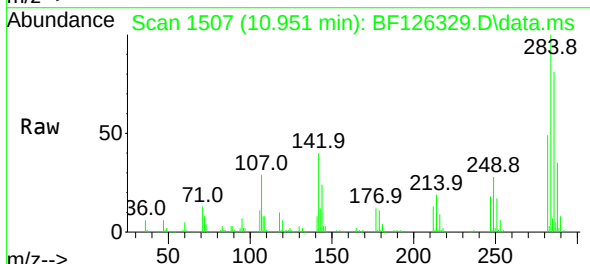
Tgt Ion:248 Resp: 186332
Ion Ratio Lower Upper
248 100
250 94.3 74.2 111.4
141 86.1 60.4 90.6

Manual Integrations
APPROVED

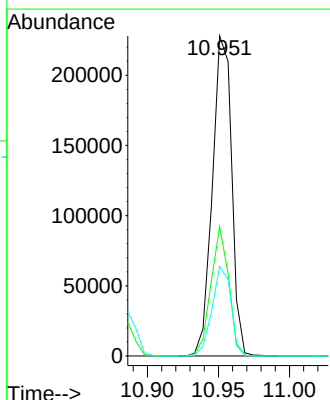
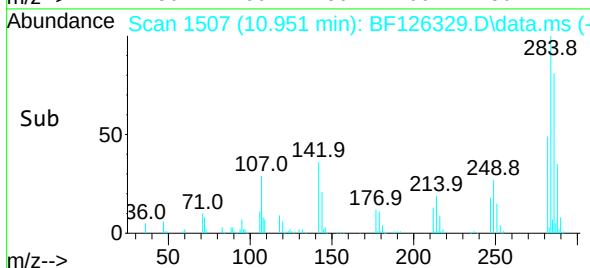
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

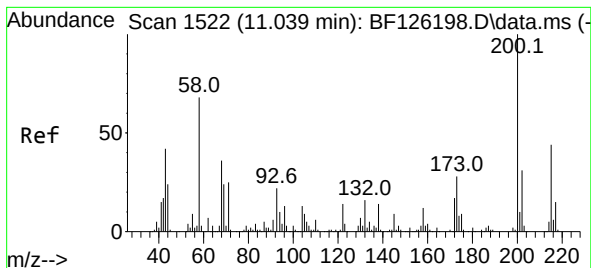


#68
Hexachlorobenzene
Concen: 47.145 ng
RT: 10.951 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:284 Resp: 214823
Ion Ratio Lower Upper
284 100
142 40.4 36.4 54.6
249 28.0 25.6 38.4





#69

Atrazine

Concen: 71.629 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

Tgt Ion:200 Resp: 17784

Ion Ratio Lower Upper

200 100

173 29.4 11.1 51.1

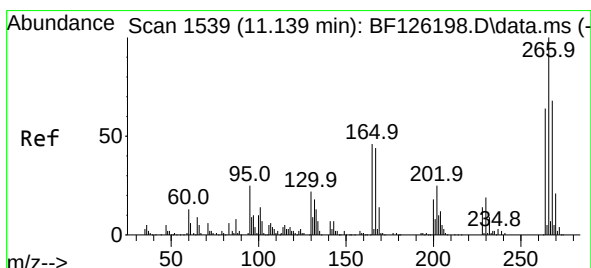
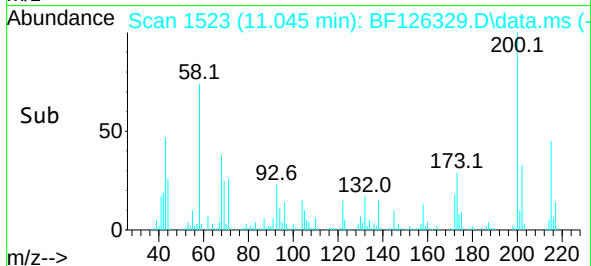
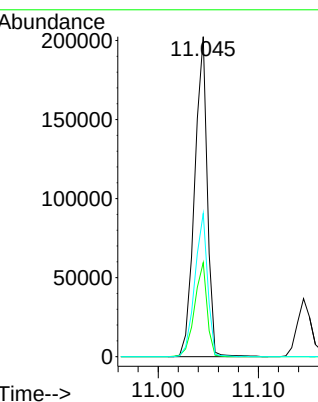
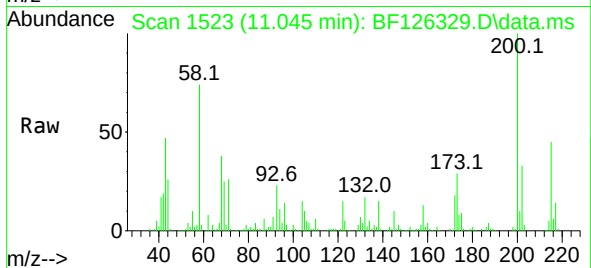
215 44.7 22.7 62.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021

Supervised By :mohammad ahmed 12/29/2021



#70

Pentachlorophenol

Concen: 81.549 ng

RT: 11.145 min Scan# 1540

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

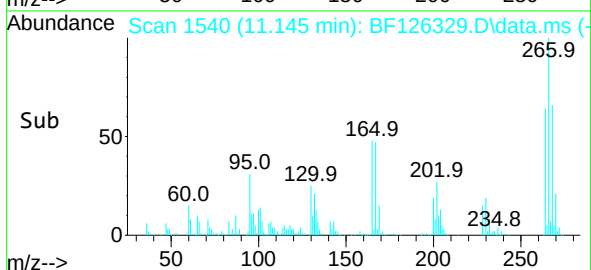
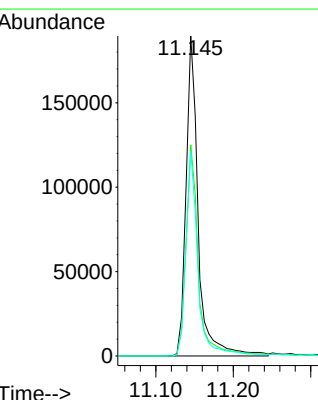
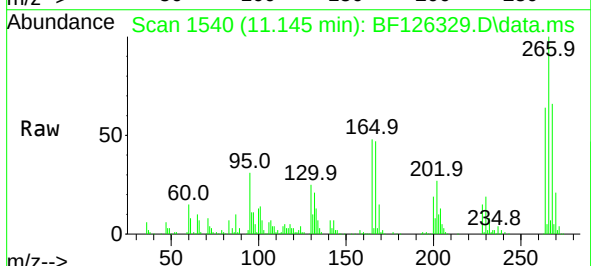
Tgt Ion:266 Resp: 206148

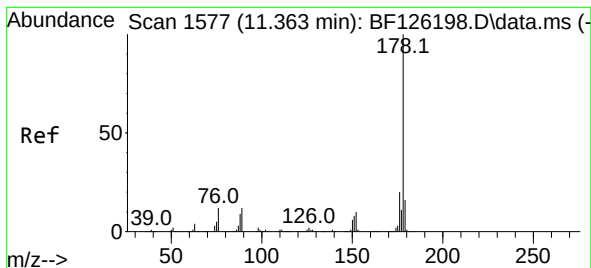
Ion Ratio Lower Upper

266 100

268 65.9 48.9 73.3

264 63.9 55.9 83.9





#71

Phenanthrene

Concen: 44.628 ng

RT: 11.368 min Scan# 1577

Delta R.T. 0.006 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

Tgt Ion:178 Resp: 97236

Ion Ratio Lower Upper

178 100

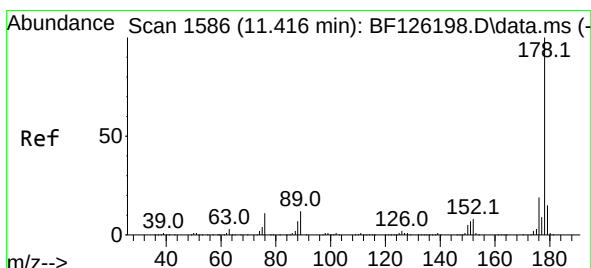
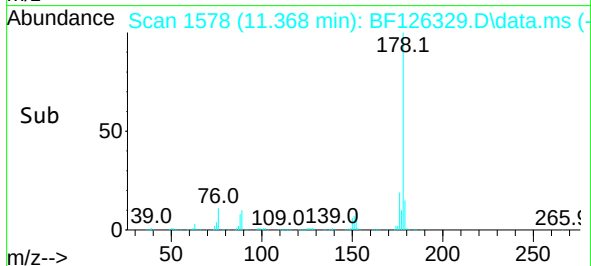
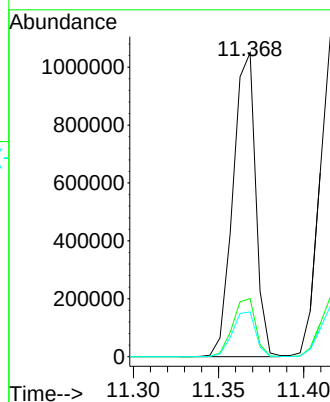
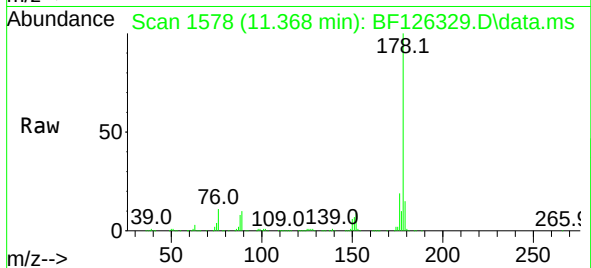
176 19.1 14.7 22.1

179 14.7 11.5 17.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#72

Anthracene

Concen: 46.482 ng

RT: 11.416 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

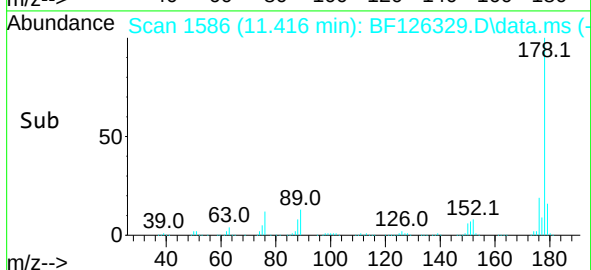
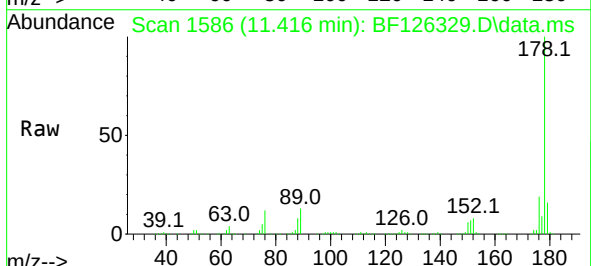
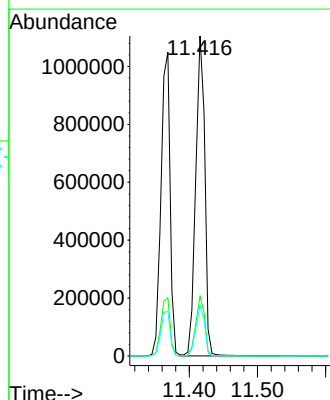
Tgt Ion:178 Resp: 1016524

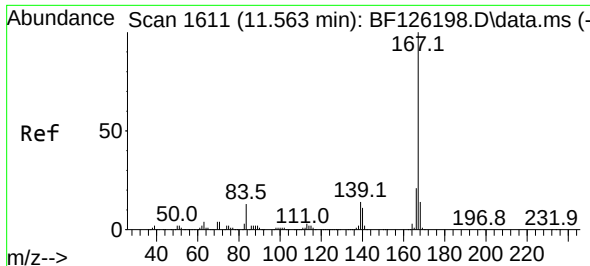
Ion Ratio Lower Upper

178 100

176 18.6 14.3 21.5

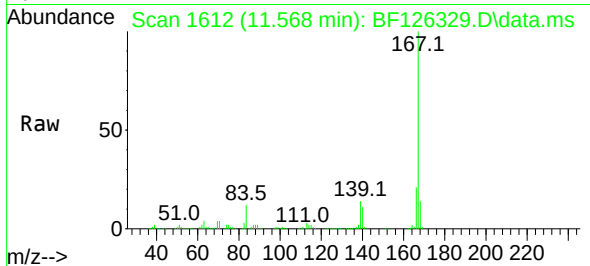
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 42.097 ng
 RT: 11.568 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59

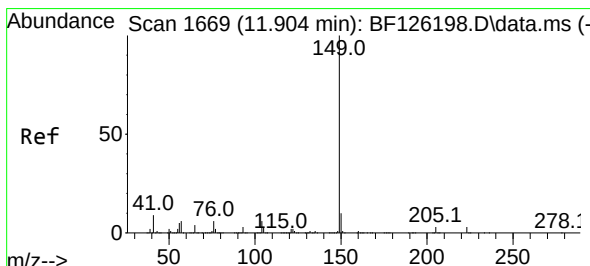
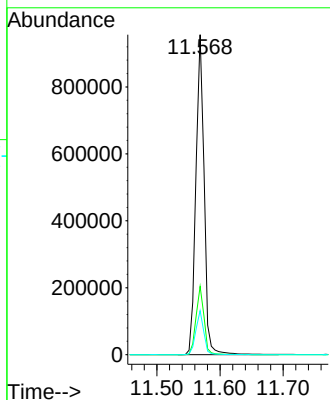
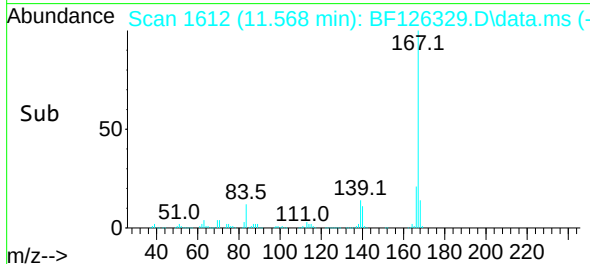
Instrument :
 BNA_F
 ClientSampleId :
 PB141608BS



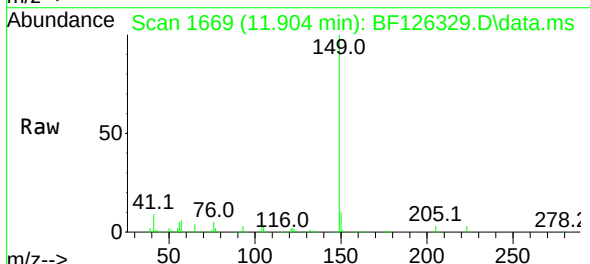
Tgt Ion:167 Resp: 86698
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 13.7 11.0 16.4

Manual Integrations
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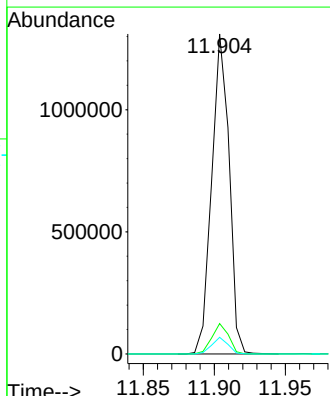
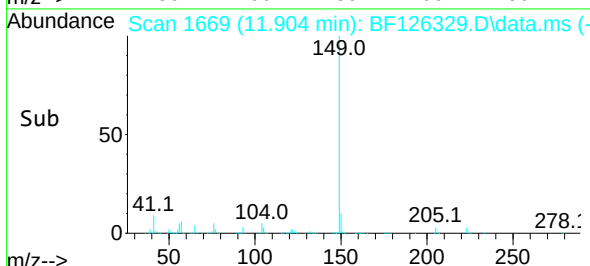
Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

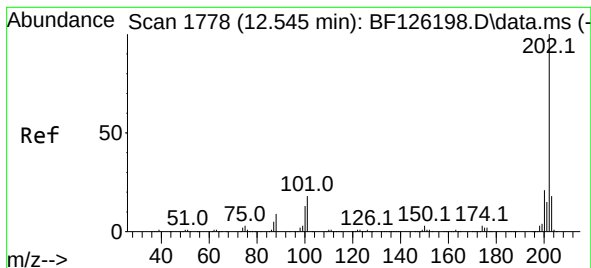


#74
 Di-n-butylphthalate
 Concen: 42.838 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59



Tgt Ion:149 Resp: 1118438
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 5.2 4.1 6.1





#75

Fluoranthene

Concen: 42.756 ng

RT: 12.551 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

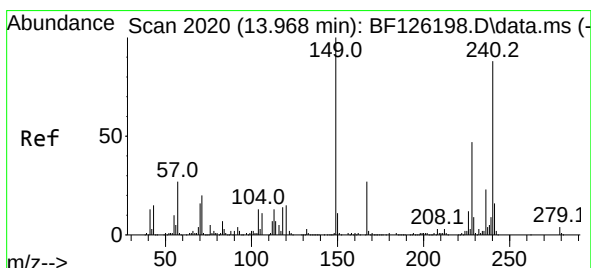
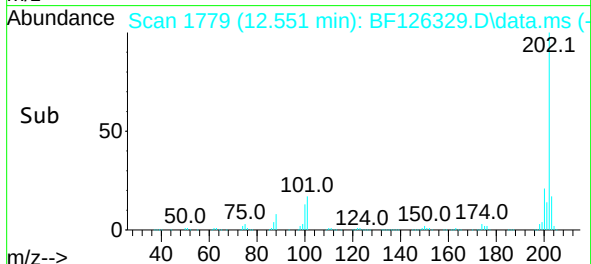
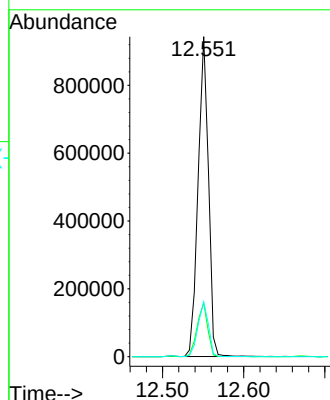
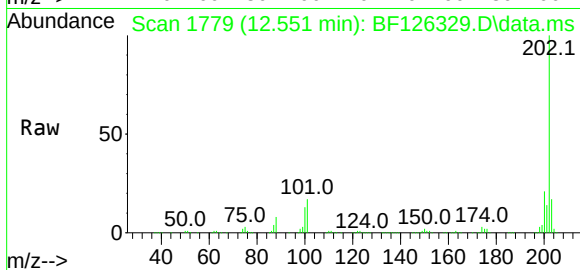
PB141608BS

Tgt Ion:202 Resp: 839334
 Ion Ratio Lower Upper
 202 100
 101 16.8 0.0 30.7
 203 17.2 0.0 36.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021



#76

Chrysene-d12

Concen: 20.000 ng

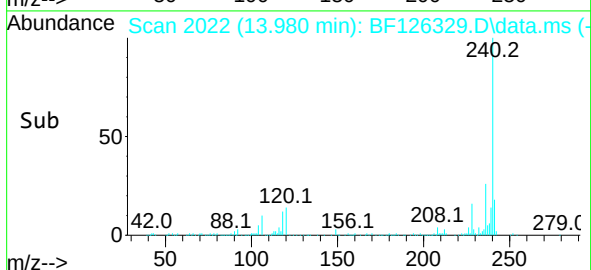
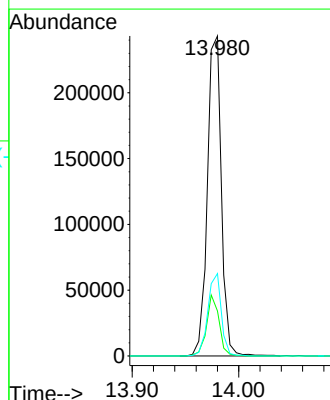
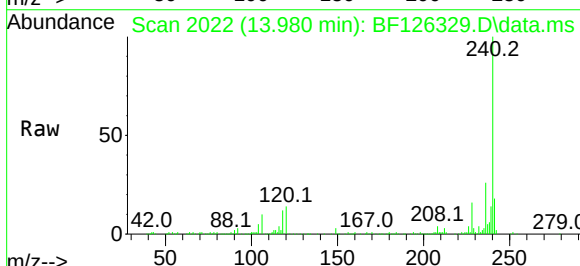
RT: 13.980 min Scan# 2022

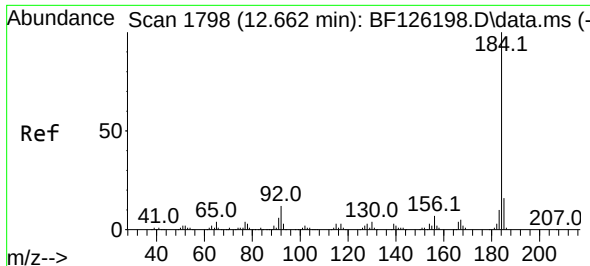
Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

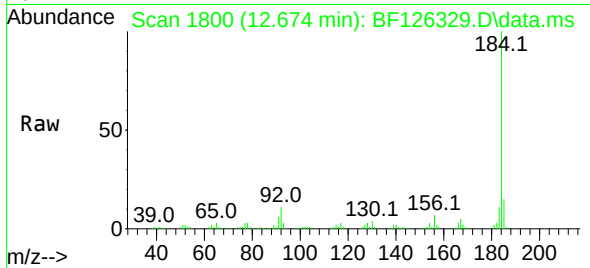
Tgt Ion:240 Resp: 222830
 Ion Ratio Lower Upper
 240 100
 120 14.0 10.8 16.2
 236 25.7 21.6 32.4





#77
Benzidine
Concen: 83.297 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

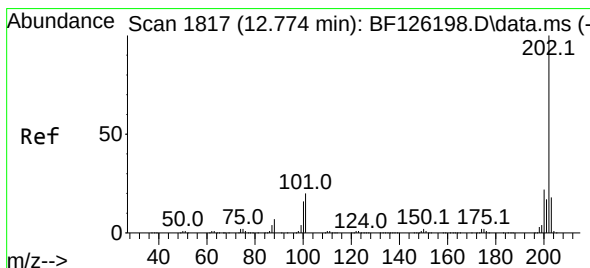
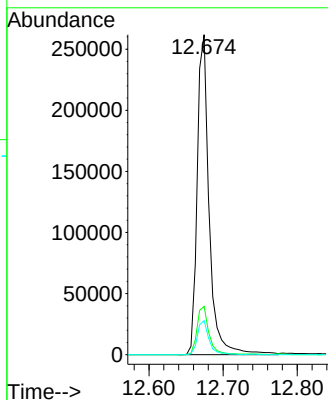
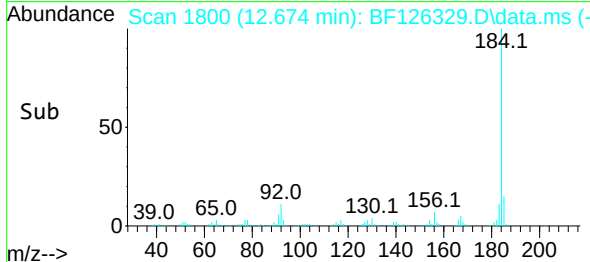
Instrument :
BNA_F
ClientSampleId :
PB141608BS



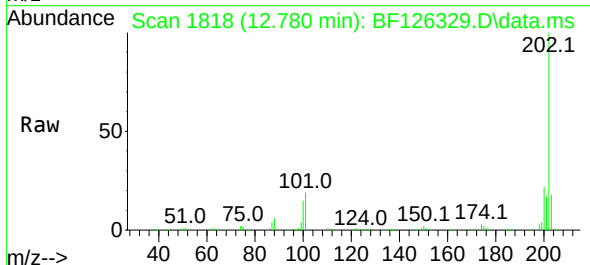
Tgt Ion:184 Resp: 292624
Ion Ratio Lower Upper
184 100
185 15.1 10.8 16.2
183 10.6 8.1 12.1

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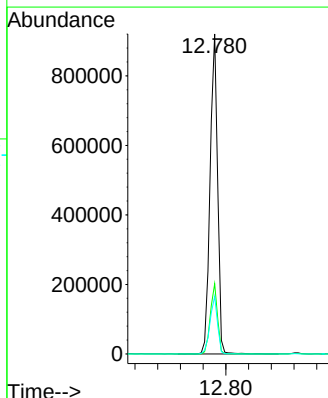
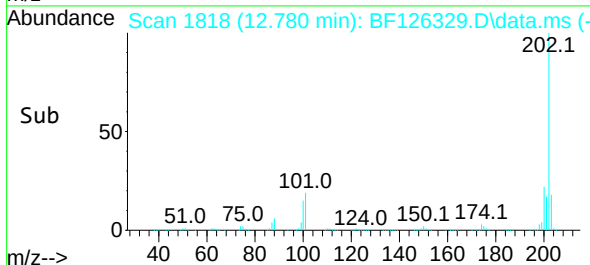
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

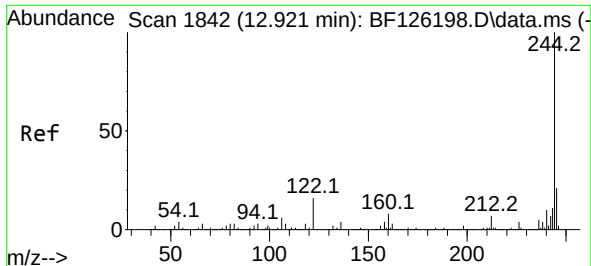


#78
Pyrene
Concen: 41.060 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:202 Resp: 840571
Ion Ratio Lower Upper
202 100
200 22.0 15.3 22.9
203 18.0 13.4 20.0





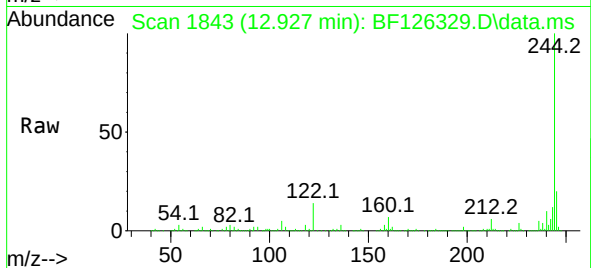
#79
 Terphenyl-d14
 Concen: 77.534 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.000 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

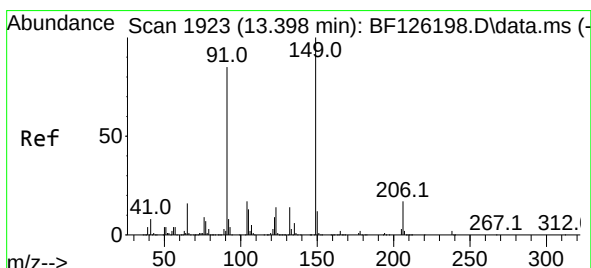
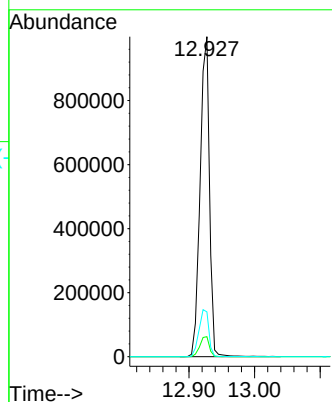
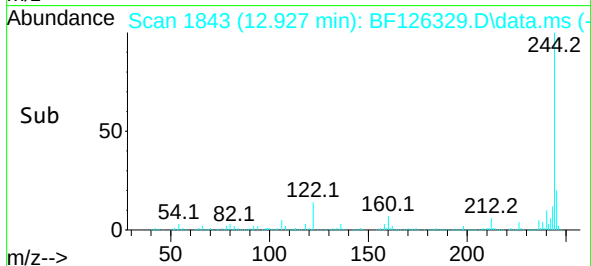


Tgt Ion:244 Resp: 994000
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 14.0 9.0 13.4

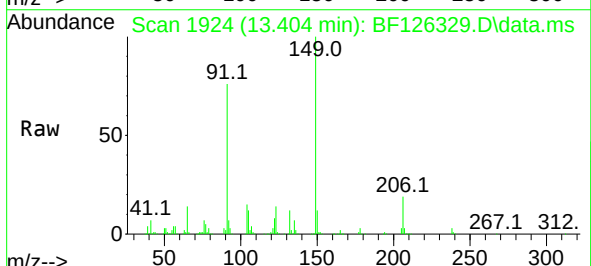
Manual Integrations

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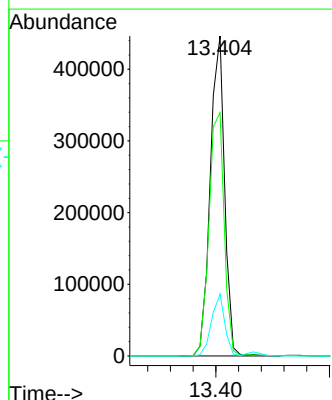
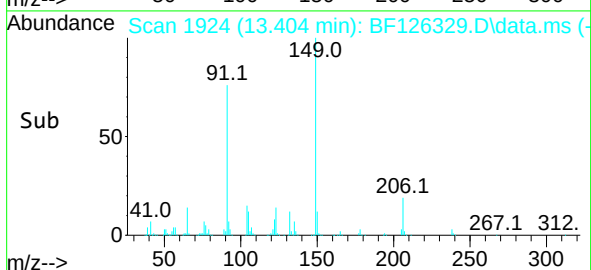
Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

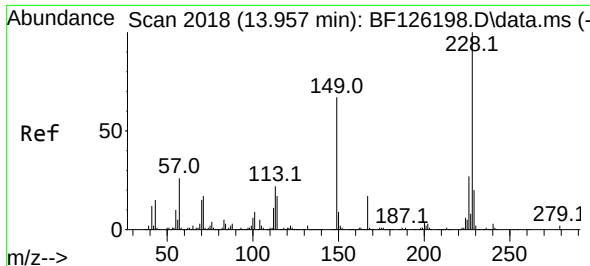


#80
 Butylbenzylphthalate
 Concen: 40.472 ng
 RT: 13.404 min Scan# 1924
 Delta R.T. -0.000 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59



Tgt Ion:149 Resp: 389893
 Ion Ratio Lower Upper
 149 100
 91 76.0 51.8 77.8
 206 19.3 14.5 21.7





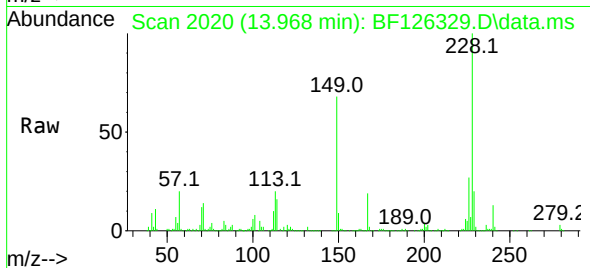
#81
Benzo(a)anthracene
Concen: 42.521 ng
RT: 13.968 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

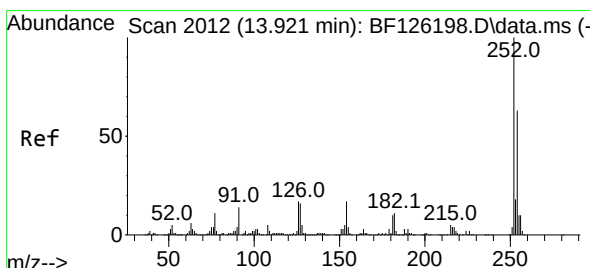
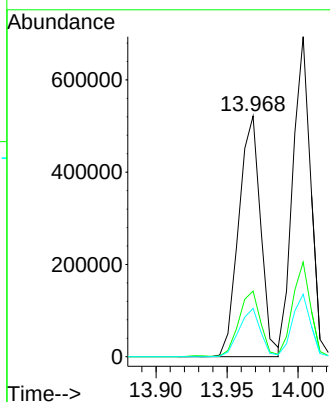
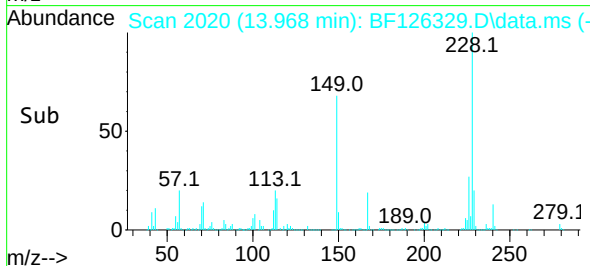


Tgt Ion:228 Resp: 56124
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 20.1 15.6 23.4

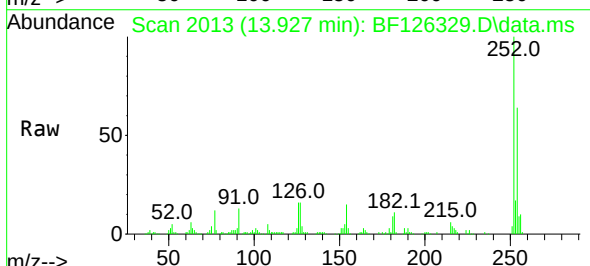
Manual Integrations

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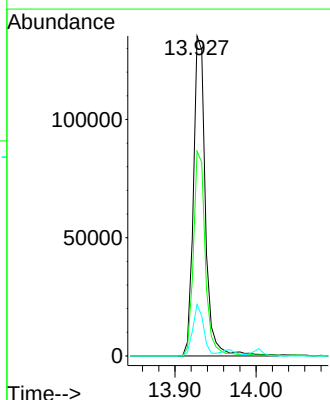
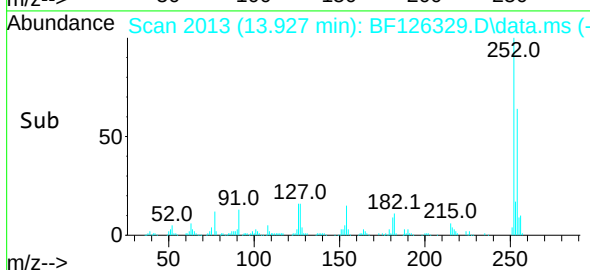
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

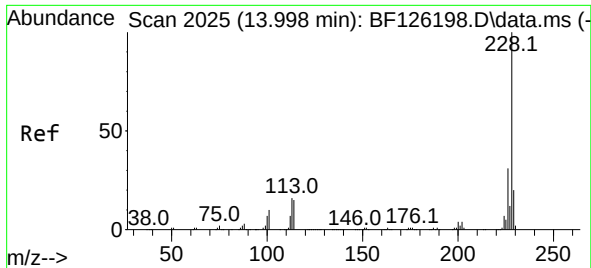


#82
3,3'-Dichlorobenzidine
Concen: 23.208 ng
RT: 13.927 min Scan# 2013
Delta R.T. -0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:252 Resp: 139946
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.0
126 16.1 9.5 14.3#





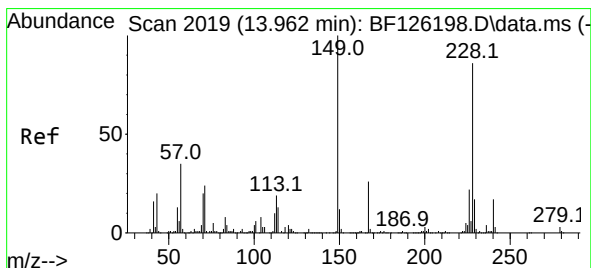
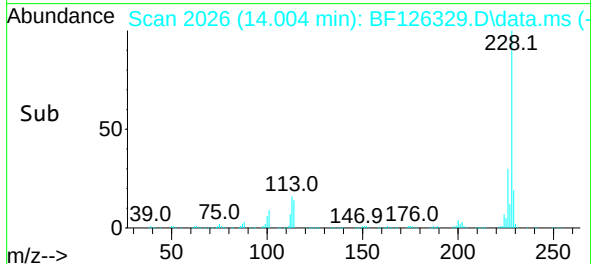
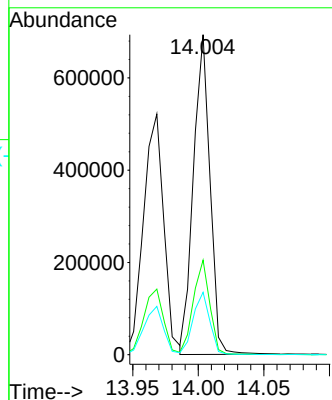
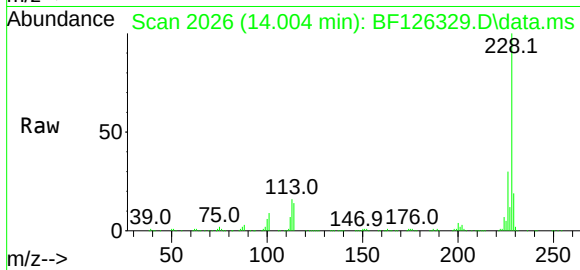
#83
Chrysene
Concen: 44.438 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Instrument :
BNA_F
ClientSampleId :
PB141608BS

Tgt Ion:228 Resp: 609410
Ion Ratio Lower Upper
228 100
226 29.6 22.6 34.0
229 19.5 15.9 23.9

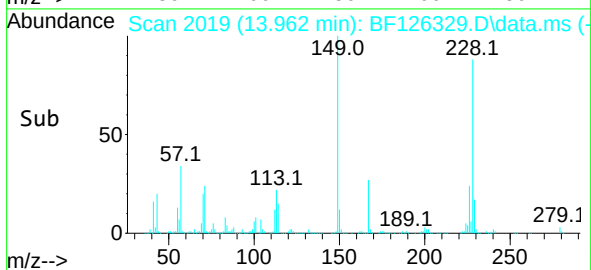
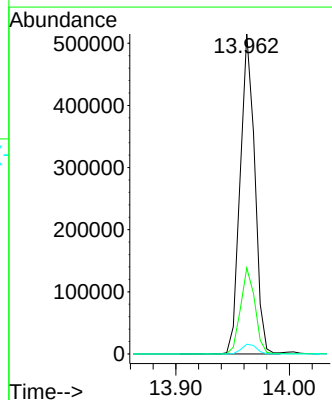
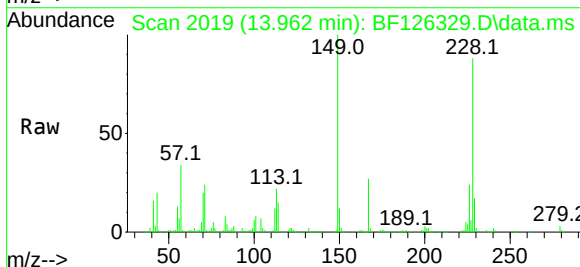
Manual Integrations
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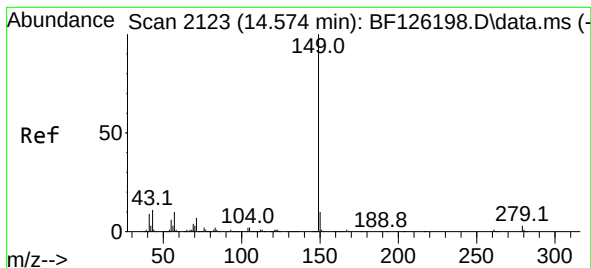
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#84
Bis(2-ethylhexyl)phthalate
Concen: 42.404 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

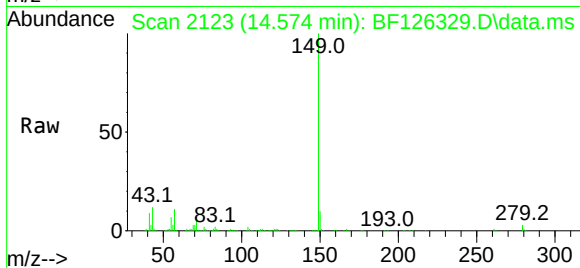
Tgt Ion:149 Resp: 456485
Ion Ratio Lower Upper
149 100
167 26.9 21.4 32.0
279 3.1 2.6 4.0





#85
Di-n-octyl phthalate
Concen: 47.313 ng
RT: 14.574 min Scan# 2123
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

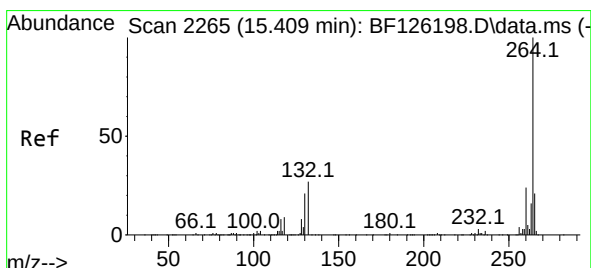
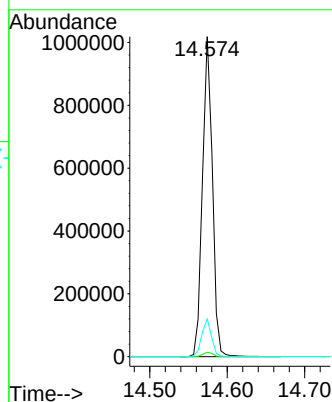
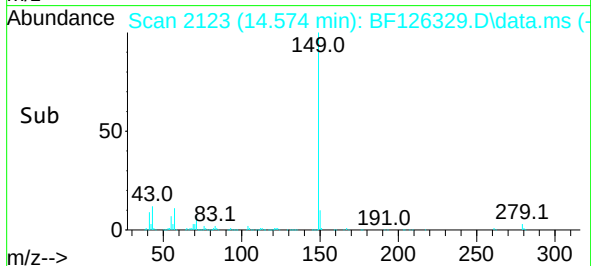
Instrument :
BNA_F
ClientSampleId :
PB141608BS



Tgt Ion:149 Resp: 907972
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.6 9.9 14.9

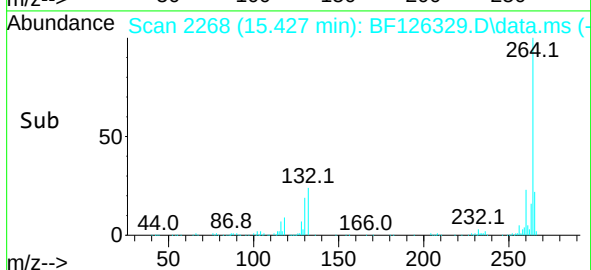
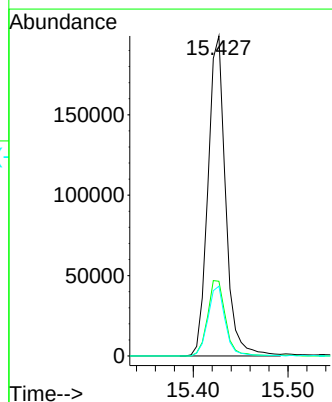
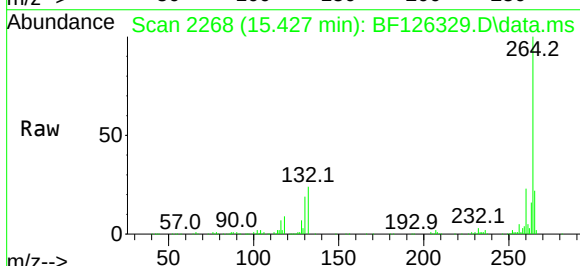
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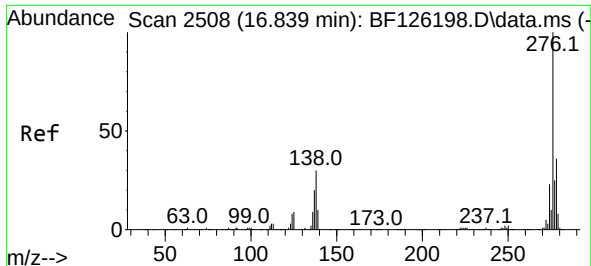
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.427 min Scan# 2268
Delta R.T. -0.000 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

Tgt Ion:264 Resp: 257276
Ion Ratio Lower Upper
264 100
260 23.3 19.6 29.4
265 21.8 17.2 25.8





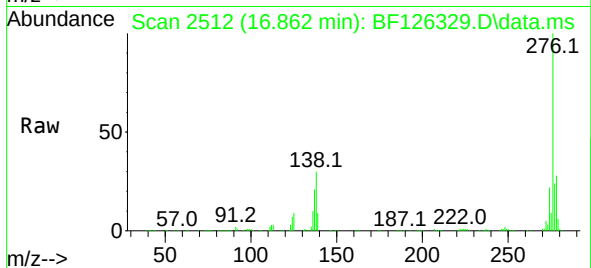
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 49.824 ng
 RT: 16.862 min Scan# 2197
 Delta R.T. -0.000 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

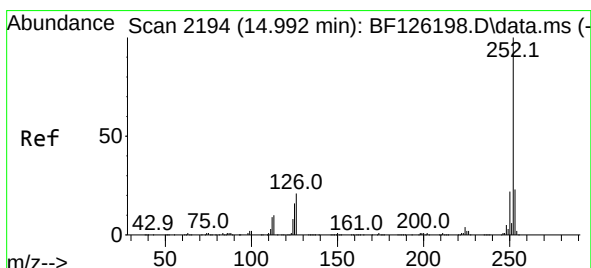
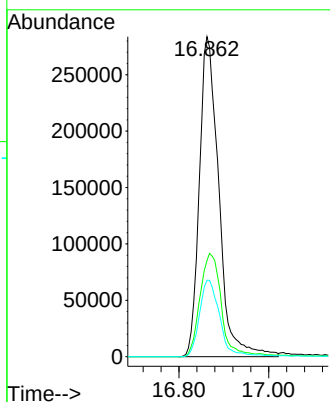
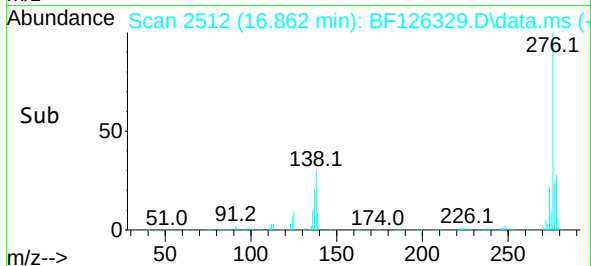


Tgt Ion:276 Resp: 85501
 Ion Ratio Lower Upper
 276 100
 138 35.9 24.1 36.1
 277 25.1 18.8 28.2

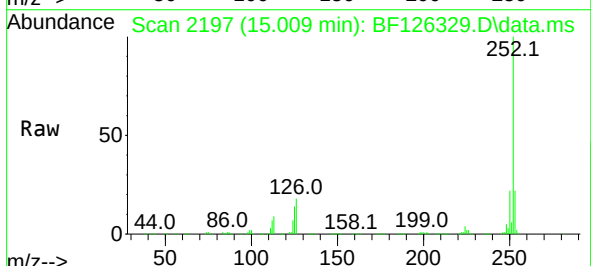
Manual Integrations

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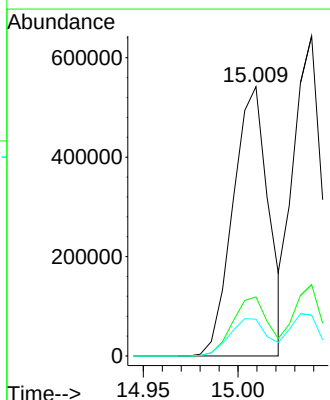
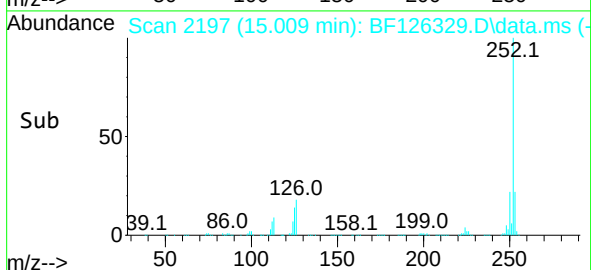
Reviewed By :Jagrut Upadhyay 12/23/2021
 Supervised By :mohammad ahmed 12/29/2021

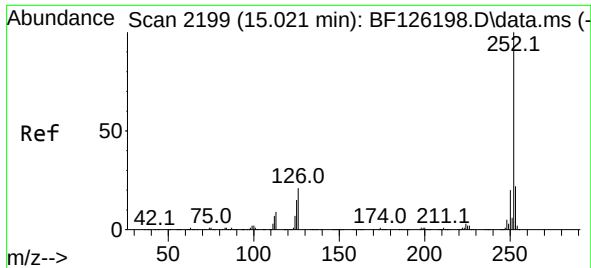


#88
 Benzo(b)fluoranthene
 Concen: 45.845 ng
 RT: 15.009 min Scan# 2197
 Delta R.T. 0.006 min
 Lab File: BF126329.D
 Acq: 22 Dec 2021 14:59



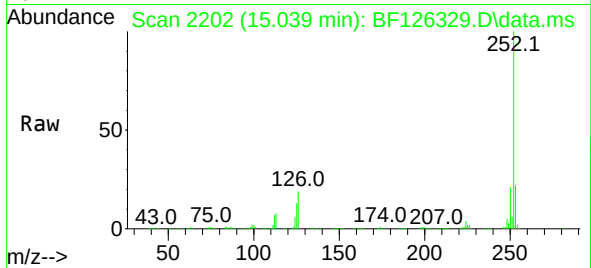
Tgt Ion:252 Resp: 708693
 Ion Ratio Lower Upper
 252 100
 253 21.9 16.8 25.2
 125 13.6 9.8 14.8





#89
Benzo(k)fluoranthene
Concen: 46.098 ng
RT: 15.039 min Scan# 2199
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59

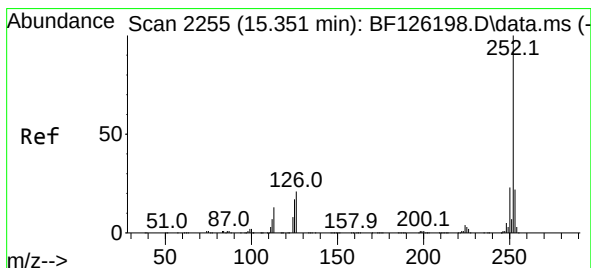
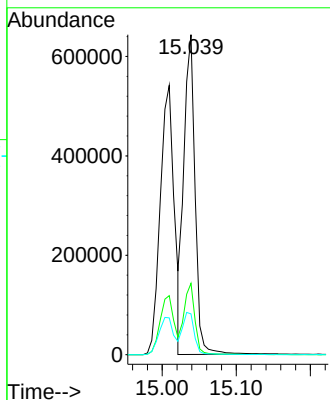
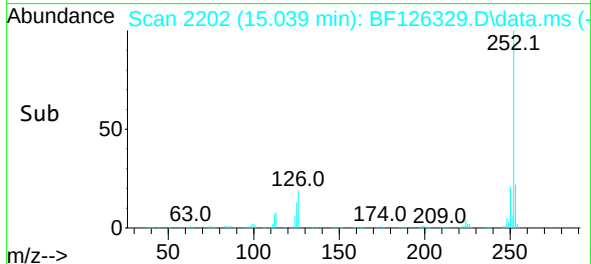
Instrument :
BNA_F
ClientSampleId :
PB141608BS



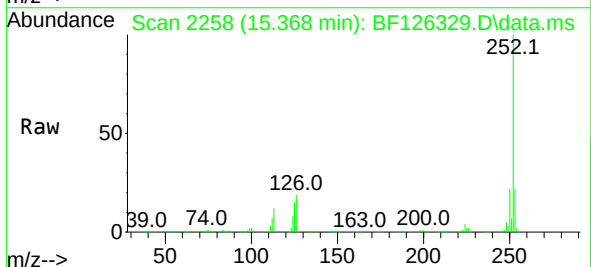
Tgt Ion:252 Resp: 68169
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.8
125 12.7 7.2 10.8

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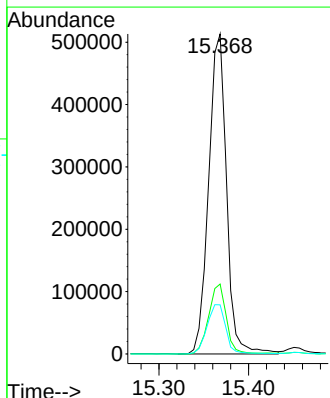
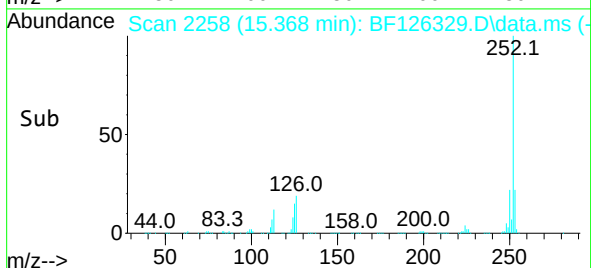
Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021

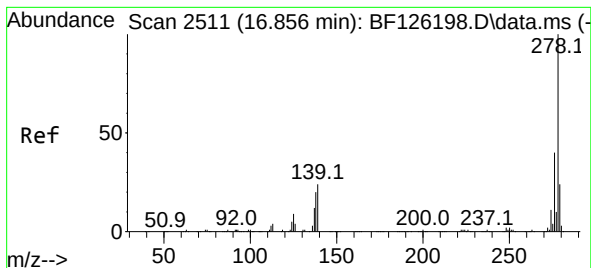


#90
Benzo(a)pyrene
Concen: 55.199 ng
RT: 15.368 min Scan# 2258
Delta R.T. 0.006 min
Lab File: BF126329.D
Acq: 22 Dec 2021 14:59



Tgt Ion:252 Resp: 709195
Ion Ratio Lower Upper
252 100
253 21.8 18.4 27.6
125 15.3 9.9 14.9





#91

Dibenzo(a,h)anthracene

Concen: 52.497 ng

RT: 16.886 min Scan# 2511

Delta R.T. 0.006 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Instrument :

BNA_F

ClientSampleId :

PB141608BS

Tgt Ion:278 Resp: 73233

Ion Ratio Lower Upper

278 100

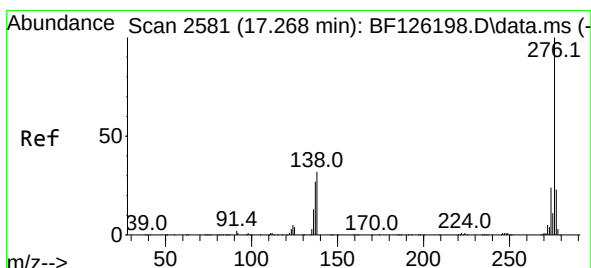
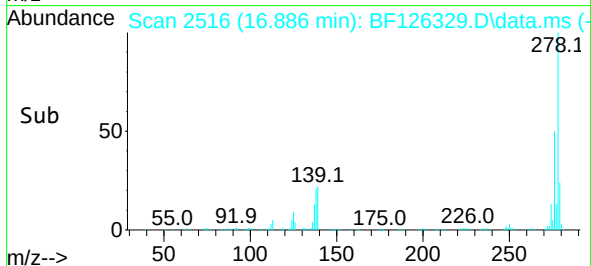
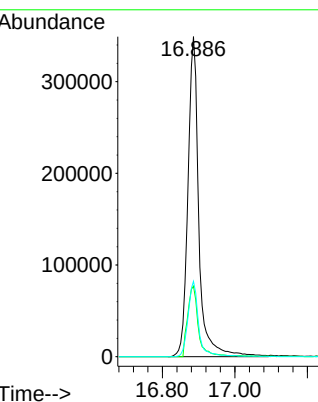
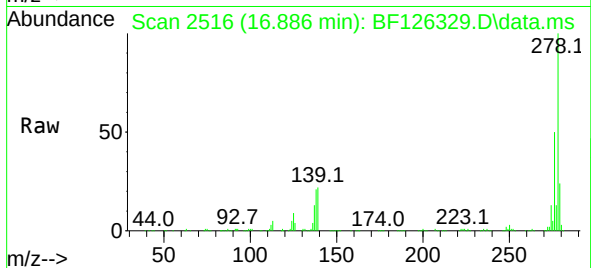
139 22.1 14.9 22.3

279 23.6 19.7 29.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 12/23/2021
Supervised By :mohammad ahmed 12/29/2021



#92

Benzo(g,h,i)perylene

Concen: 49.740 ng

RT: 17.297 min Scan# 2586

Delta R.T. -0.000 min

Lab File: BF126329.D

Acq: 22 Dec 2021 14:59

Tgt Ion:276 Resp: 717912

Ion Ratio Lower Upper

276 100

277 22.7 22.0 33.0

138 30.8 22.2 33.4

