

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110321\
 Data File : BF126024.D
 Acq On : 3 Nov 2021 17:35
 Operator : JU/CG
 Sample : PB140274BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB140274BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/04/2021
 Supervised By : mohammad ahmed 11/08/2021

Quant Time: Nov 04 10:09:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 03 17:21:25 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	197644	20.00	ng	0.00
21) Naphthalene-d8	8.139	136	769003	20.00	ng	# 0.00
39) Acenaphthene-d10	9.892	164	473523	20.00	ng	0.00
64) Phenanthrene-d10	11.374	188	904782	20.00	ng	0.00
76) Chrysene-d12	14.010	240	667191	20.00	ng	# 0.00
86) Perylene-d12	15.468	264	472632	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1399742	121.62	ng	0.02
7) Phenol-d6	6.486	99	1834776	113.09	ng	0.00
23) Nitrobenzene-d5	7.422	82	1272744	78.05	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	686010	126.42	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	2567364	73.27	ng	0.00
79) Terphenyl-d14	12.963	244	3135320	75.78	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	146365	30.58	ng	# 100
3) Pyridine	3.463	79	346434	26.90	ng	94
4) n-Nitrosodimethylamine	3.410	42	375986	41.64	ng	# 90
6) Aniline	6.516	93	677653	37.88	ng	# 86
8) 2-Chlorophenol	6.639	128	525062	42.69	ng	# 79
9) Benzaldehyde	6.404	77	373467	39.63	ng	90
10) Phenol	6.498	94	721920	43.52	ng	# 71
11) bis(2-Chloroethyl)ether	6.592	93	508040	42.05	ng	86
12) 1,3-Dichlorobenzene	6.792	146	569213	40.64	ng	# 91
13) 1,4-Dichlorobenzene	6.869	146	582111m	40.76	ng	
14) 1,2-Dichlorobenzene	7.022	146	559133	40.63	ng	95
15) Benzyl Alcohol	6.998	79	585713	42.27	ng	90
16) 2,2'-oxybis(1-Chloropr...	7.133	45	930559	41.88	ng	94
17) 2-Methylphenol	7.110	107	453981	43.38	ng	# 89
18) Hexachloroethane	7.369	117	225088	41.95	ng	# 81
19) n-Nitroso-di-n-propyla...	7.275	70	467551	43.71	ng	# 87
20) 3+4-Methylphenols	7.263	107	606595	42.87	ng	# 72
22) Acetophenone	7.269	105	874628	39.38	ng	# 90
24) Nitrobenzene	7.439	77	678110	41.99	ng	# 83
25) Isophorone	7.681	82	1190131	40.54	ng	# 87
26) 2-Nitrophenol	7.751	139	234977	41.79	ng	# 52
27) 2,4-Dimethylphenol	7.792	122	491064	45.88	ng	# 79
28) bis(2-Chloroethoxy)met...	7.886	93	665654	38.45	ng	# 95
29) 2,4-Dichlorophenol	7.992	162	495468	41.01	ng	95
30) 1,2,4-Trichlorobenzene	8.080	180	572804	38.88	ng	97
31) Naphthalene	8.157	128	1578681	39.63	ng	98
32) Benzoic acid	7.928	122	264810	41.43	ng	# 66
33) 4-Chloroaniline	8.204	127	451582	28.37	ng	# 87
34) Hexachlorobutadiene	8.280	225	384278	37.89	ng	99
35) Caprolactam	8.586	113	127525m	37.90	ng	
36) 4-Chloro-3-methylphenol	8.692	107	581189	41.71	ng	87
37) 2-Methylnaphthalene	8.851	142	1143703	41.57	ng	99
38) 1-Methylnaphthalene	8.951	142	1057294	39.68	ng	98
40) 1,2,4,5-Tetrachloroben...	9.016	216	619171	39.02	ng	98
41) Hexachlorocyclopentadiene	9.010	237	835246	101.30	ng	98
43) 2,4,6-Trichlorophenol	9.127	196	399760	41.60	ng	97

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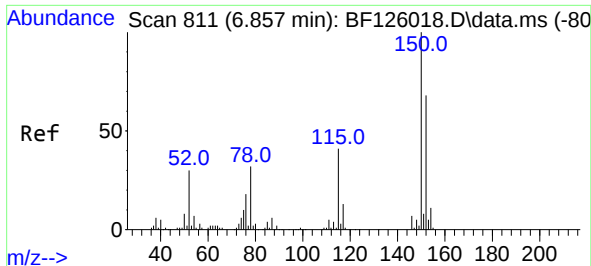
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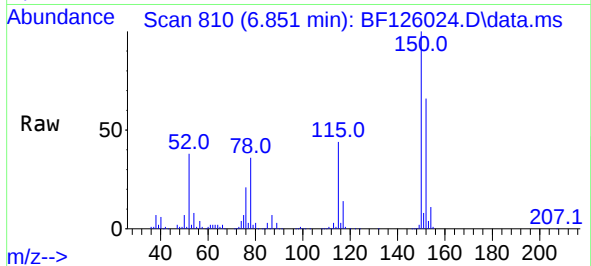
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	426274	41.06	ng	92
46) 1,1'-Biphenyl	9.316	154	1397241	38.18	ng	98
47) 2-Chloronaphthalene	9.339	162	1111625	38.59	ng	98
48) 2-Nitroaniline	9.433	65	398912	42.67	ng	# 72
49) Acenaphthylene	9.757	152	1764721	40.51	ng	98
50) Dimethylphthalate	9.622	163	1397937	40.55	ng	# 98
51) 2,6-Dinitrotoluene	9.675	165	273777	46.33	ng	# 60
52) Acenaphthene	9.927	154	1114817	40.57	ng	98
53) 3-Nitroaniline	9.845	138	207622	34.27	ng	# 66
54) 2,4-Dinitrophenol	9.951	184	232165	76.21	ng	# 85
55) Dibenzofuran	10.098	168	1624186	39.26	ng	98
56) 4-Nitrophenol	10.010	139	418527	87.54	ng	# 48
57) 2,4-Dinitrotoluene	10.080	165	365364	43.26	ng	# 80
58) Fluorene	10.439	166	1349859	40.65	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	371325	42.24	ng	# 91
60) Diethylphthalate	10.316	149	1412041	40.84	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	706238	39.76	ng	91
62) 4-Nitroaniline	10.463	138	277235	43.88	ng	# 81
63) Azobenzene	10.592	77	1474350	39.27	ng	93
65) 4,6-Dinitro-2-methylph...	10.486	198	153701	37.49	ng	92
66) n-Nitrosodiphenylamine	10.551	169	1143174	39.68	ng	97
67) 4-Bromophenyl-phenylether	10.921	248	438819	40.04	ng	98
68) Hexachlorobenzene	10.986	284	481634	42.07	ng	93
69) Atrazine	11.080	200	441011	43.27	ng	93
70) Pentachlorophenol	11.180	266	554037	89.81	ng	94
71) Phenanthrene	11.404	178	1955998	39.86	ng	98
72) Anthracene	11.451	178	2011360	41.06	ng	98
73) Carbazole	11.604	167	1683823	37.06	ng	99
74) Di-n-butylphthalate	11.939	149	2143267	40.49	ng	# 98
75) Fluoranthene	12.586	202	2207166	40.40	ng	96
77) Benzidine	12.704	184	862012m	38.65	ng	
78) Pyrene	12.815	202	2176080	40.67	ng	95
80) Butylbenzylphthalate	13.433	149	851115	43.67	ng	# 83
81) Benzo(a)anthracene	14.004	228	1827529	39.87	ng	99
82) 3,3'-Dichlorobenzidine	13.962	252	465113	34.77	ng	99
83) Chrysene	14.039	228	1734692	40.67	ng	97
84) Bis(2-ethylhexyl)phtha...	13.998	149	1226046	45.39	ng	# 99
85) Di-n-octyl phthalate	14.609	149	1782163	46.44	ng	# 98
87) Indeno(1,2,3-cd)pyrene	16.927	276	1202298	42.98	ng	# 84
88) Benzo(b)fluoranthene	15.051	252	1407194	45.77	ng	# 94
89) Benzo(k)fluoranthene	15.080	252	1257527	42.17	ng	# 97
90) Benzo(a)pyrene	15.409	252	1219016	50.33	ng	# 93
91) Dibenzo(a,h)anthracene	16.951	278	1014302	44.14	ng	# 91
92) Benzo(g,h,i)perylene	17.374	276	980669	44.50	ng	# 80

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

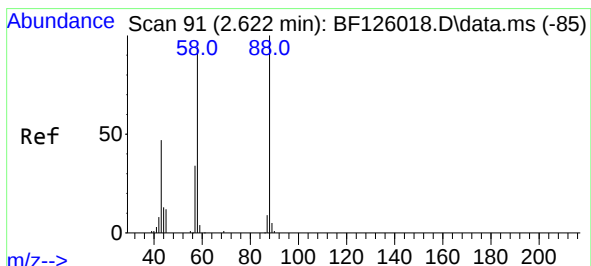
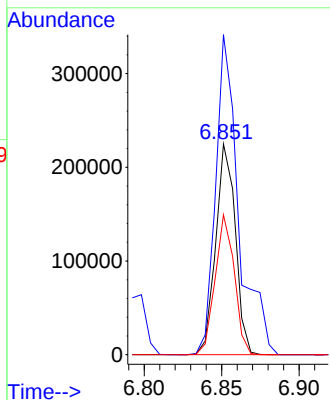
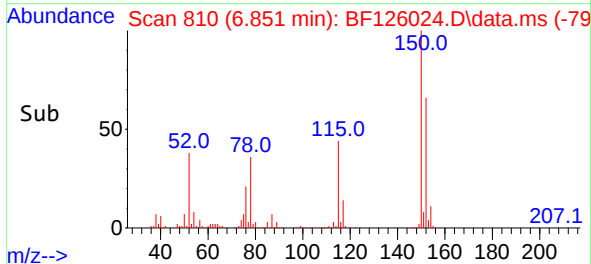
Instrument :
BNA_F
ClientSampleId :
PB140274BS



Tgt Ion:152 Resp: 197644
Ion Ratio Lower Upper
152 100
150 151.8 117.6 176.4
115 66.4 47.1 70.7

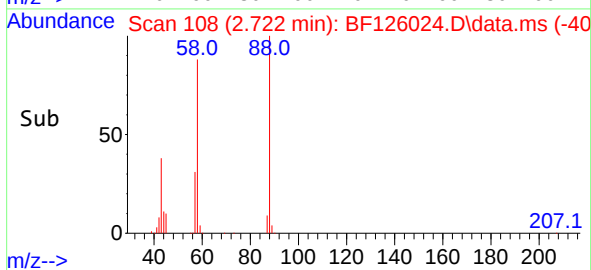
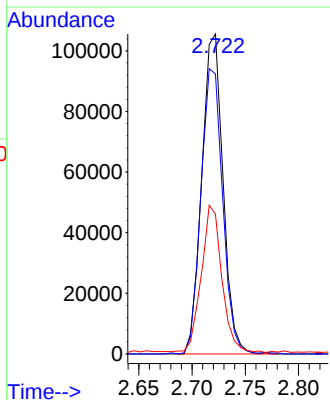
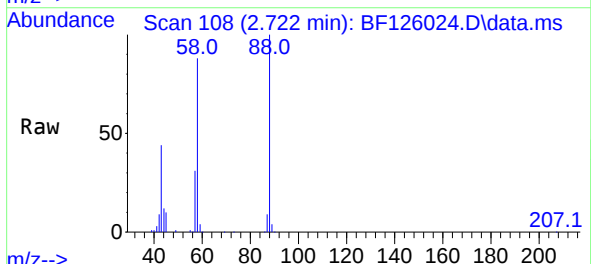
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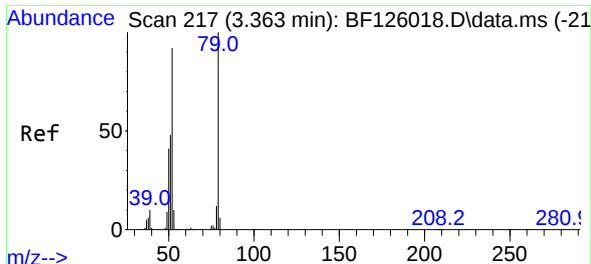
Reviewed By :Christian Giraldo 11/04/2021
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#2
1,4-Dioxane
Concen: 30.58 ng
RT: 2.722 min Scan# 108
Delta R.T. 0.100 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

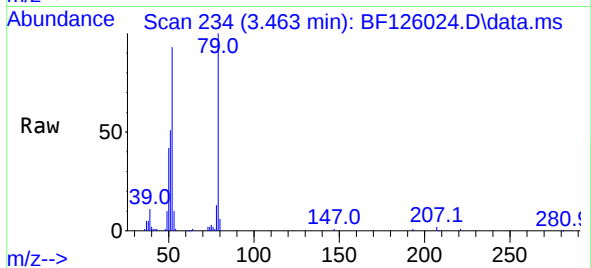
Tgt Ion: 88 Resp: 146365
Ion Ratio Lower Upper
88 100
58 91.3 0.0 0.0#
43 44.6 0.0 0.0#





#3
Pyridine
Concen: 26.90 ng
RT: 3.463 min Scan# 217
Delta R.T. 0.100 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

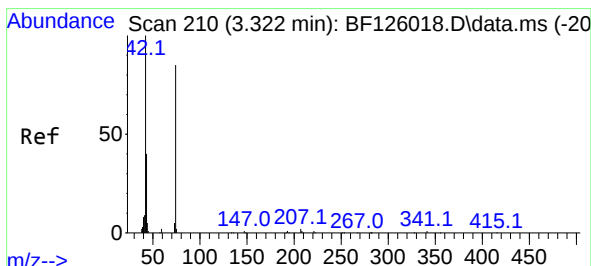
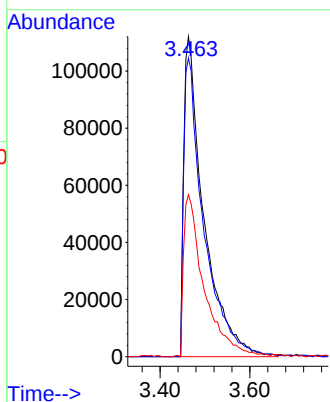
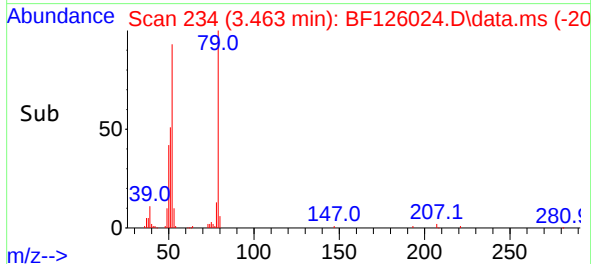
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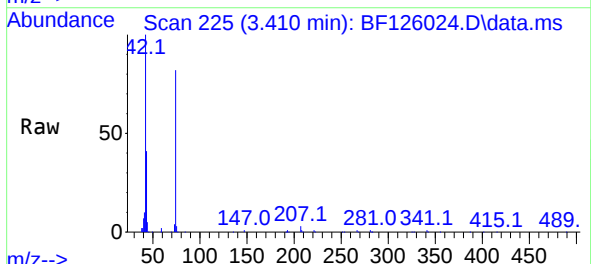
Tgt Ion: 79 Resp: 346434
Ion Ratio Lower Upper
79 100
52 93.3 70.3 105.5
51 50.6 44.1 66.1

Manual Integrations
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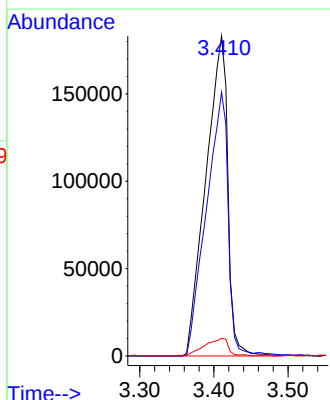
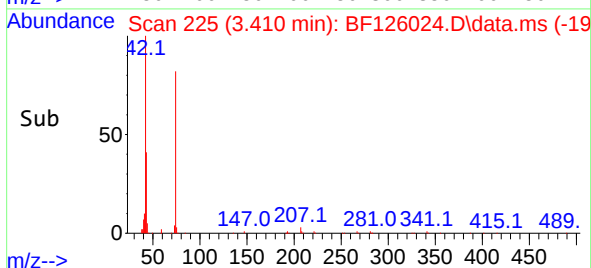
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Supervised By :mohammad ahmed 11/08/2021

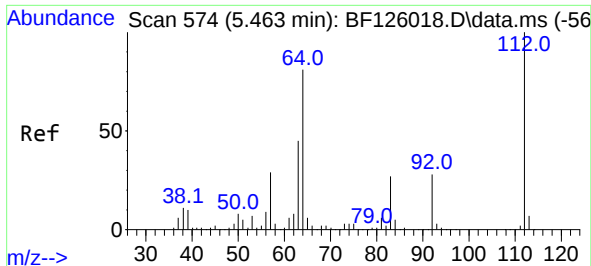


#4
n-Nitrosodimethylamine
Concen: 41.64 ng
RT: 3.410 min Scan# 225
Delta R.T. 0.088 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion: 42 Resp: 375986
Ion Ratio Lower Upper
42 100
74 82.4 59.0 88.6
44 5.5 0.0 0.0





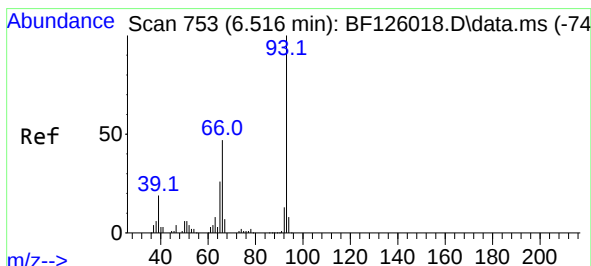
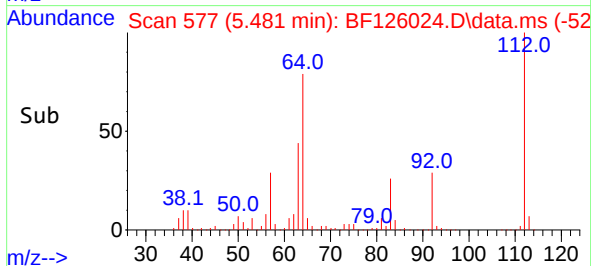
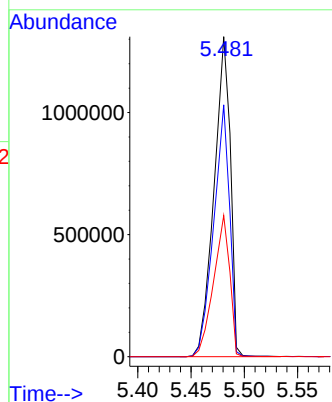
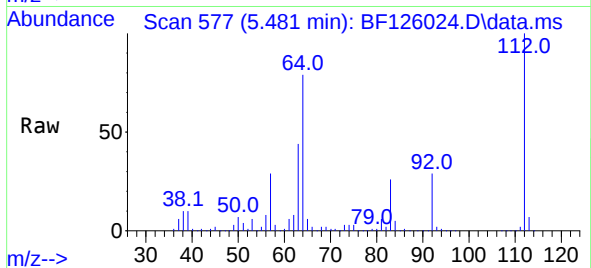
#5
2-Fluorophenol
Concen: 121.62 ng
RT: 5.481 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

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ClientSampleId :
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Tgt Ion:112 Resp: 139974
Ion Ratio Lower Upper
112 100
64 78.7 44.2 66.2
63 44.1 26.2 39.2

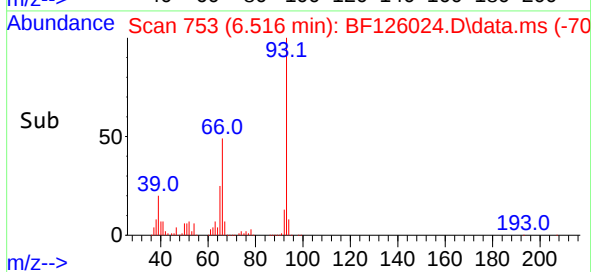
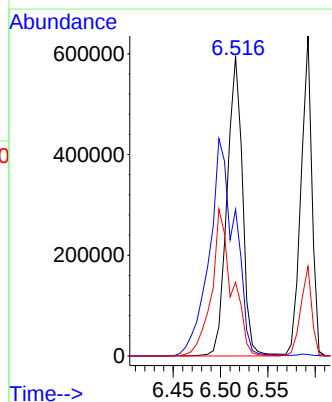
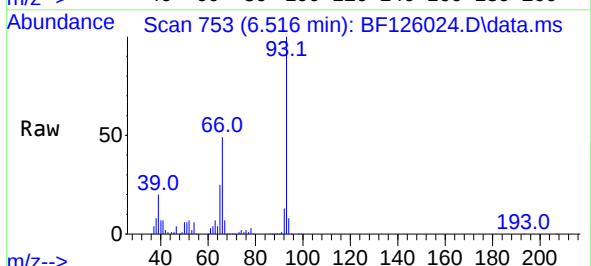
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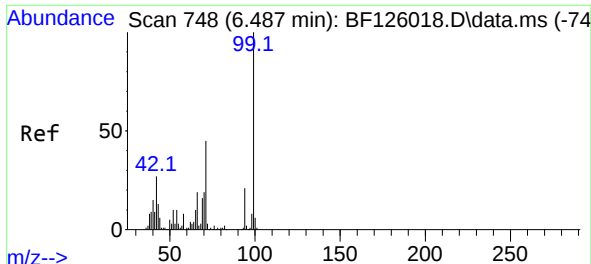
Reviewed By :Christian Giraldo 11/04/2021
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#6
Aniline
Concen: 37.88 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

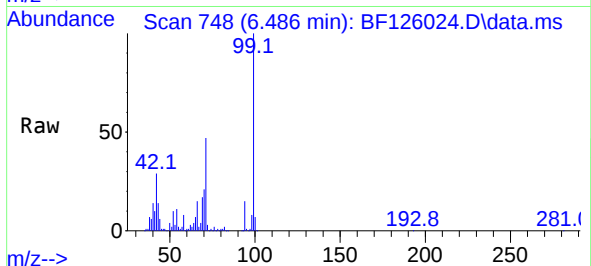
Tgt Ion: 93 Resp: 677653
Ion Ratio Lower Upper
93 100
66 48.9 32.7 49.1
65 24.6 14.2 21.4





#7
Phenol-d6
Concen: 113.09 ng
RT: 6.486 min Scan# 748
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

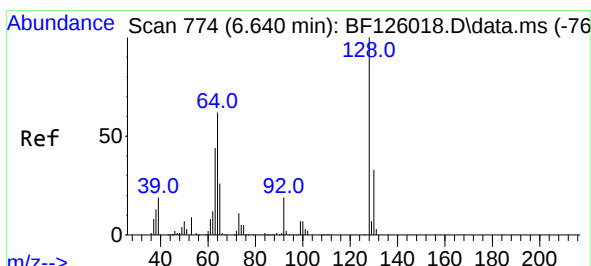
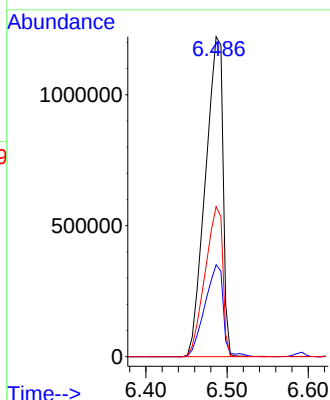
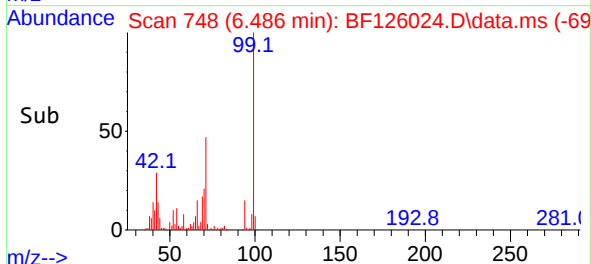
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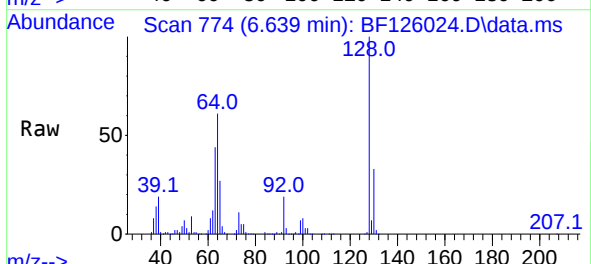
Tgt Ion: 99 Resp: 1834770
Ion Ratio Lower Upper
99 100
42 28.8 23.5 35.3
71 46.9 25.6 38.4

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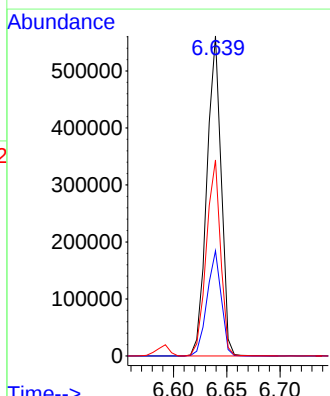
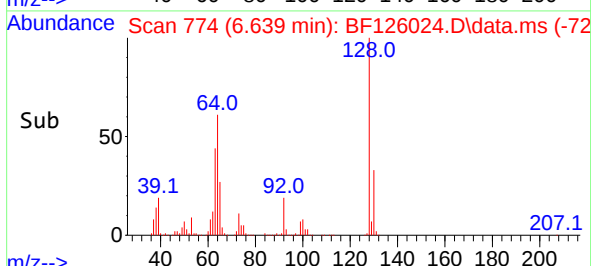
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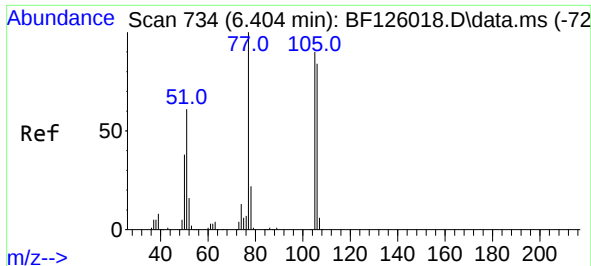


#8
2-Chlorophenol
Concen: 42.69 ng
RT: 6.639 min Scan# 774
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



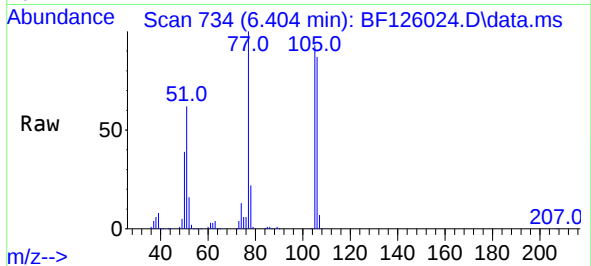
Tgt Ion:128 Resp: 525062
Ion Ratio Lower Upper
128 100
130 32.9 10.5 50.5
64 61.2 20.3 60.3





#9
Benzaldehyde
Concen: 39.63 ng
RT: 6.404 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

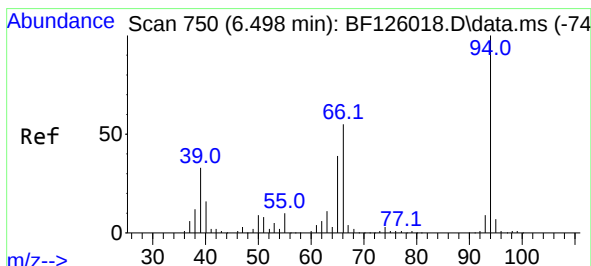
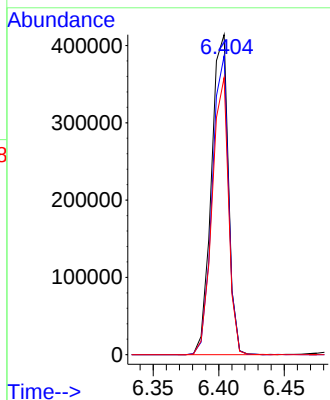
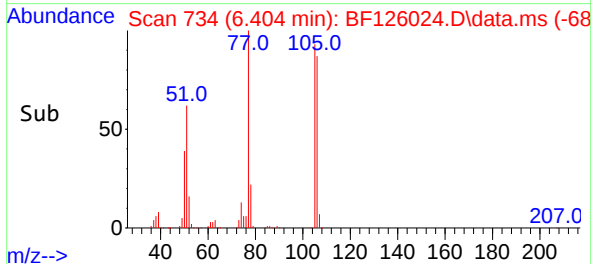
Instrument :
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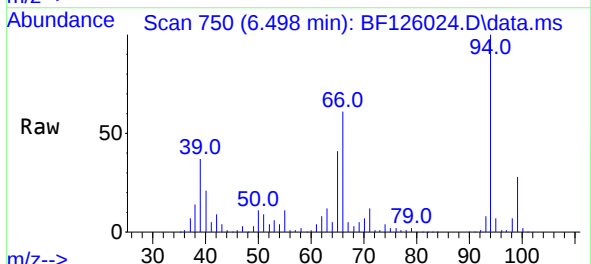
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Ion Ratio Lower Upper
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105 93.4 75.9 115.9
106 86.6 84.0 124.0

Manual Integrations
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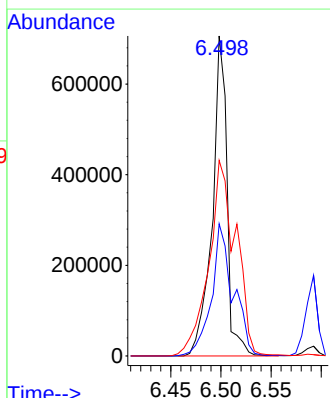
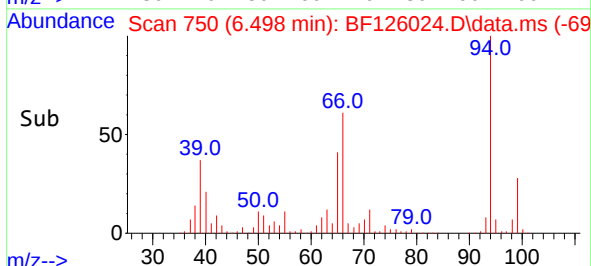
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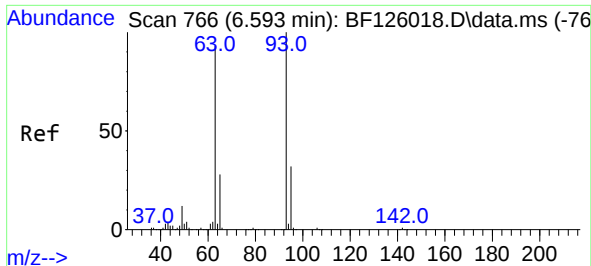


#10
Phenol
Concen: 43.52 ng
RT: 6.498 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion: 94 Resp: 721920
Ion Ratio Lower Upper
94 100
65 41.3 9.3 49.3
66 61.1 20.3 60.3#





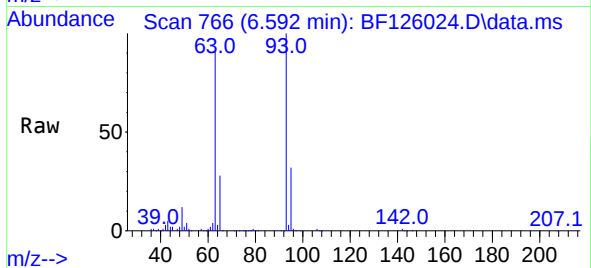
#11
bis(2-Chloroethyl)ether
Concen: 42.05 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

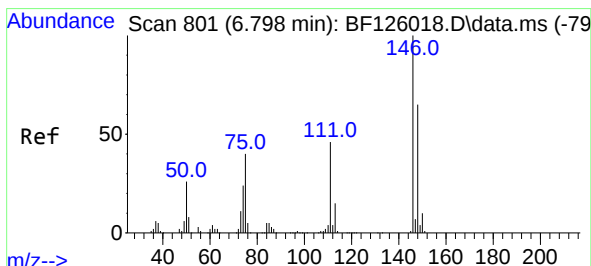
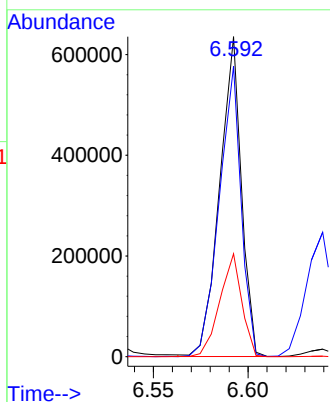
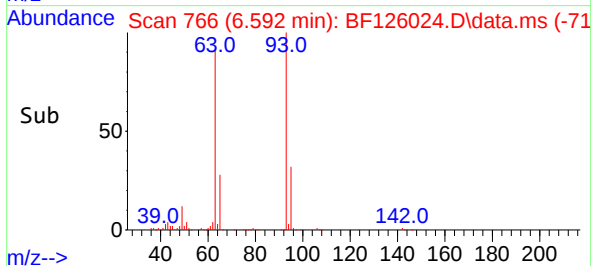


Tgt Ion: 93 Resp: 508040
Ion Ratio Lower Upper
93 100
63 90.8 54.4 94.4
95 32.1 11.4 51.4

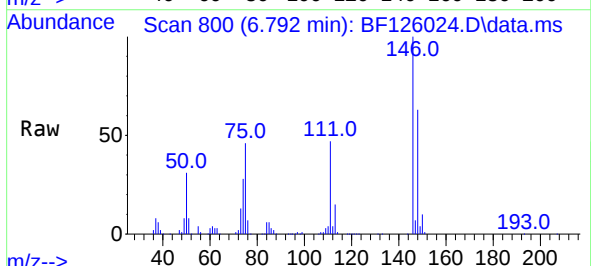
Manual Integrations

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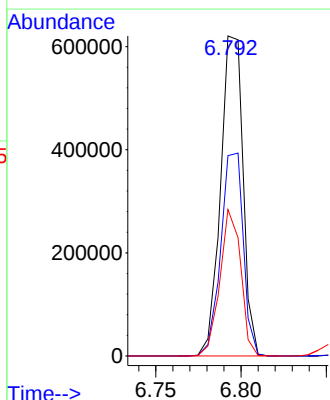
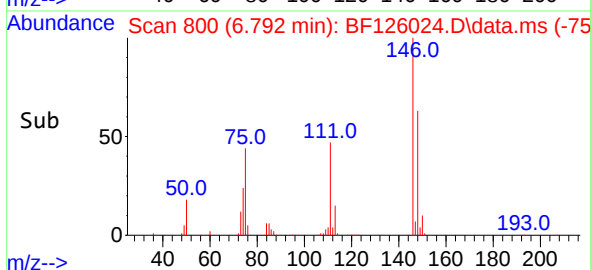
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

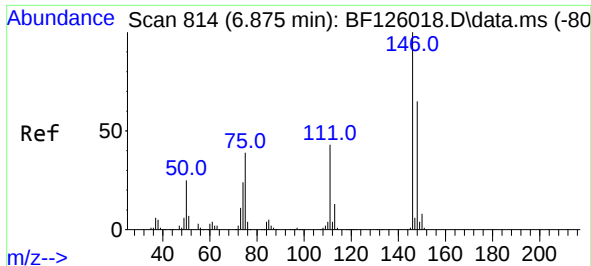


#12
1,3-Dichlorobenzene
Concen: 40.64 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



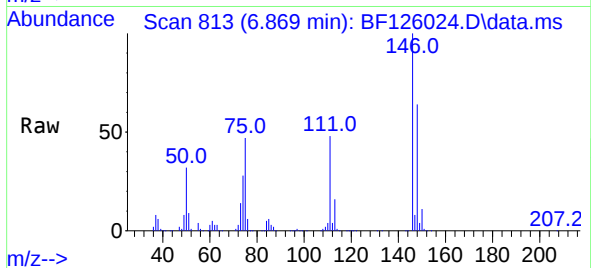
Tgt Ion:146 Resp: 569213
Ion Ratio Lower Upper
146 100
148 62.6 49.7 74.5
75 45.7 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 40.76 ng m
RT: 6.869 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

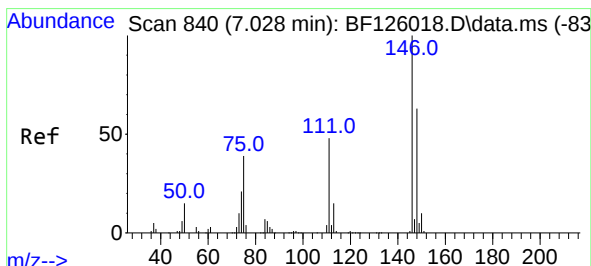
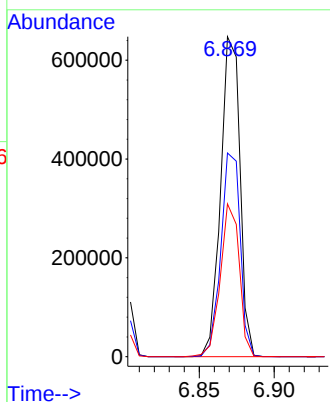
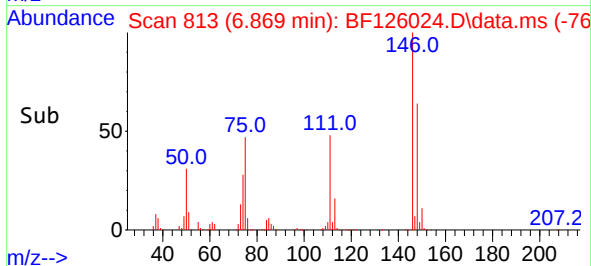
Instrument :
BNA_F
ClientSampleId :
PB140274BS



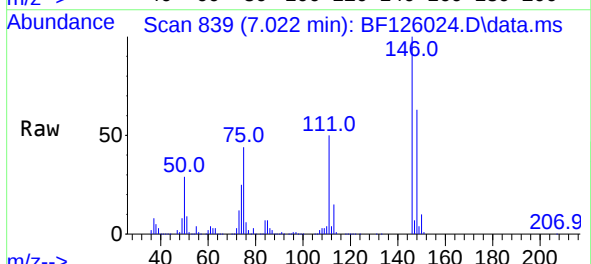
Tgt Ion:146 Resp: 58211
Ion Ratio Lower Upper
146 100
148 63.6 51.9 77.9
111 47.8 31.8 47.6

Manual Integrations
APPROVED

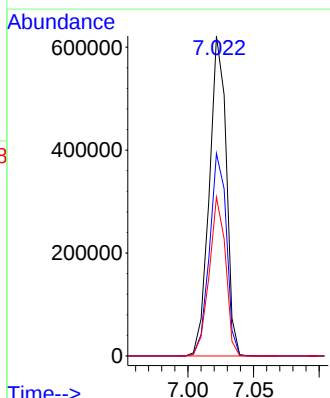
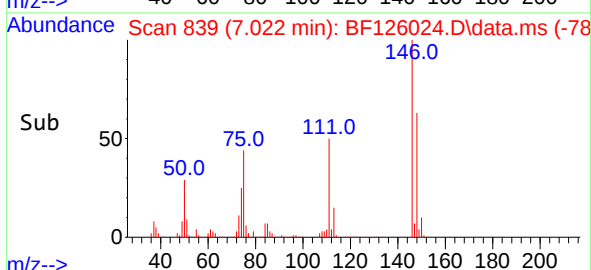
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

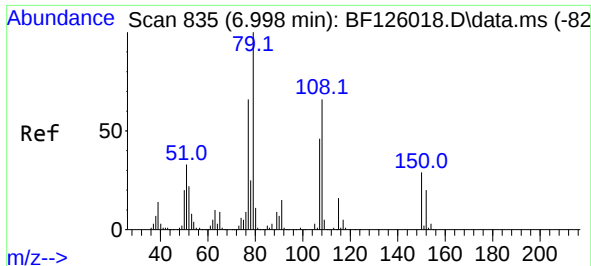


#14
1,2-Dichlorobenzene
Concen: 40.63 ng
RT: 7.022 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



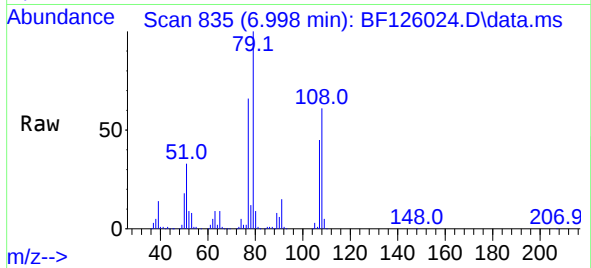
Tgt Ion:146 Resp: 559133
Ion Ratio Lower Upper
146 100
148 63.3 50.6 75.8
111 49.7 33.5 50.3





#15
Benzyl Alcohol
Concen: 42.27 ng
RT: 6.998 min Scan# 835
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

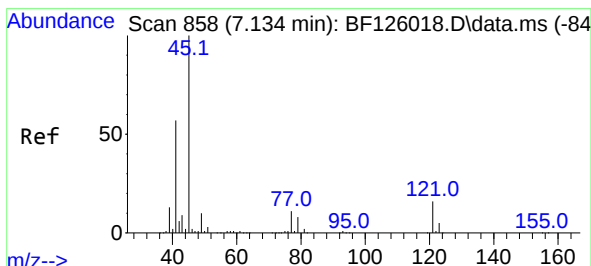
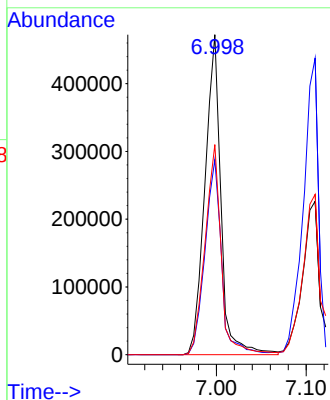
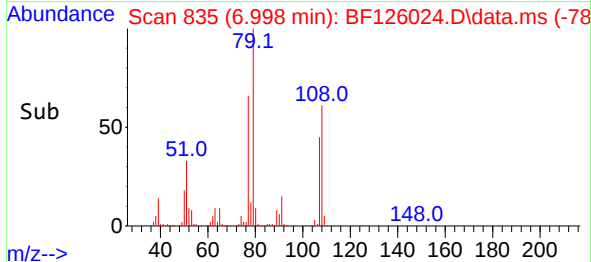
Instrument :
BNA_F
ClientSampleId :
PB140274BS



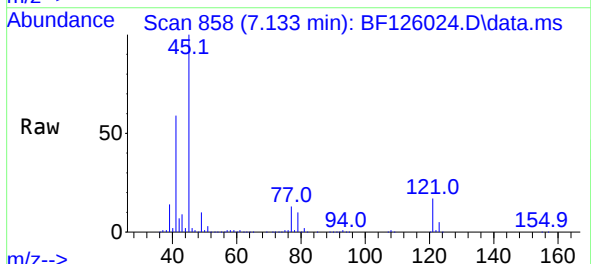
Tgt Ion: 79 Resp: 58571
Ion Ratio Lower Upper
79 100
108 60.9 60.4 90.6
77 65.7 51.5 77.3

Manual Integrations
APPROVED

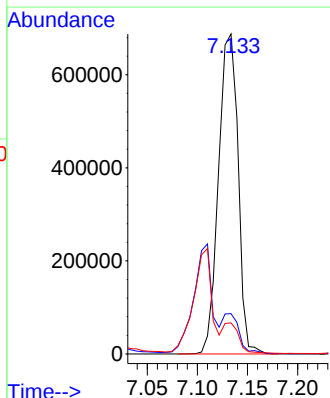
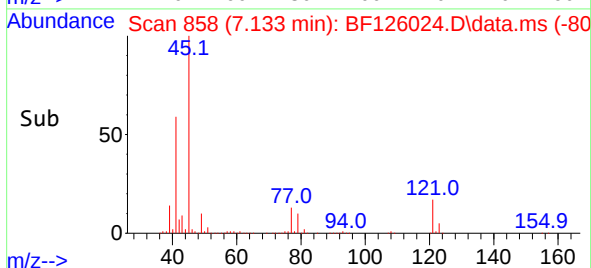
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

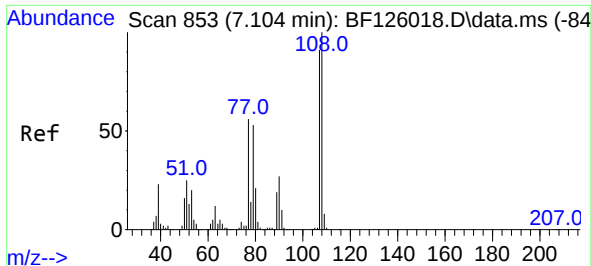


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.88 ng
RT: 7.133 min Scan# 858
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion: 45 Resp: 930559
Ion Ratio Lower Upper
45 100
77 12.6 0.0 30.6
79 9.7 0.0 27.5





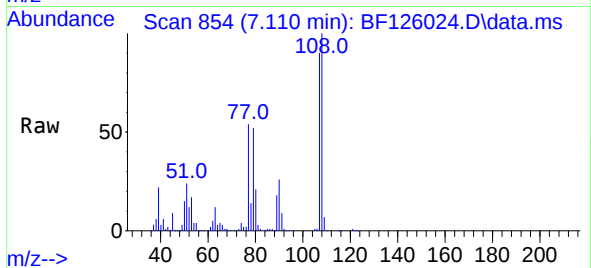
#17
2-Methylphenol
Concen: 43.38 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

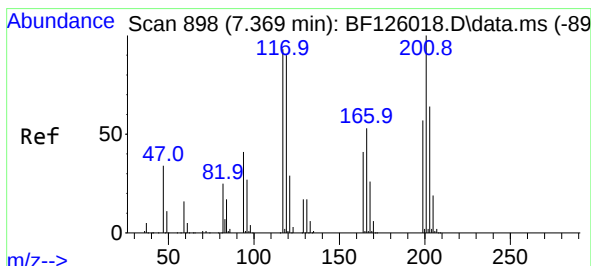
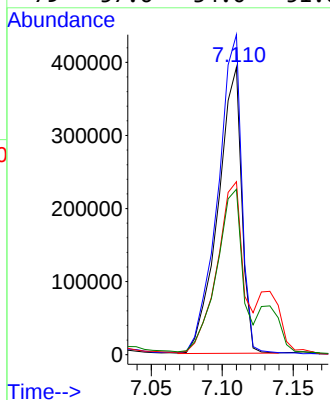
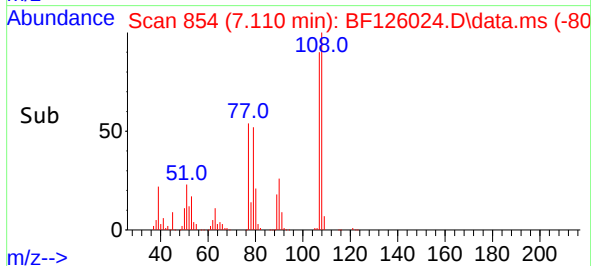


Tgt Ion:107 Resp: 45398
Ion Ratio Lower Upper
107 100
108 111.3 90.6 135.8
77 60.2 35.7 53.5
79 57.6 34.0 51.0#

Manual Integrations

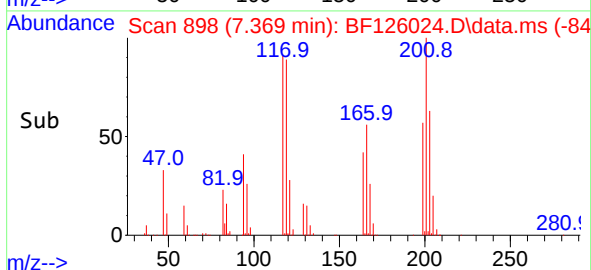
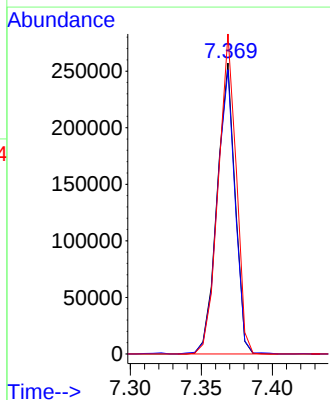
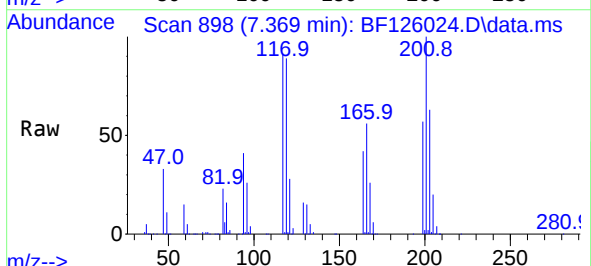
APPROVED

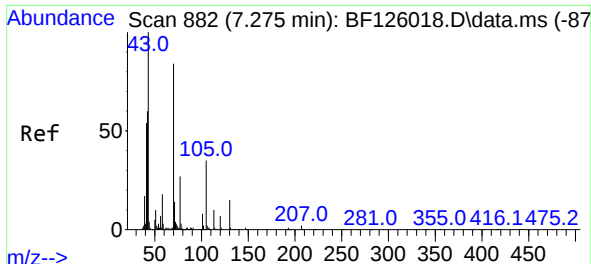
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#18
Hexachloroethane
Concen: 41.95 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:117 Resp: 225088
Ion Ratio Lower Upper
117 100
119 97.8 73.4 110.2
201 110.0 64.9 97.3#





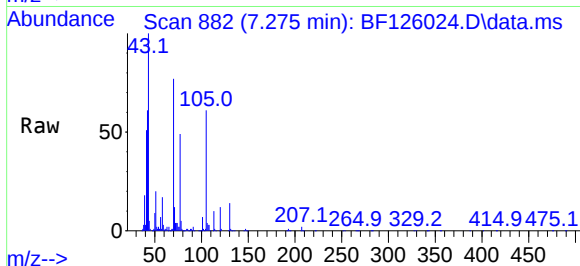
#19
n-Nitroso-di-n-propylamine
Concen: 43.71 ng
RT: 7.275 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

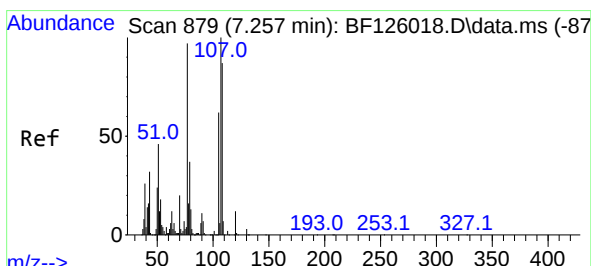
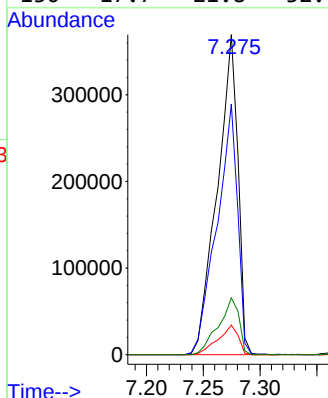
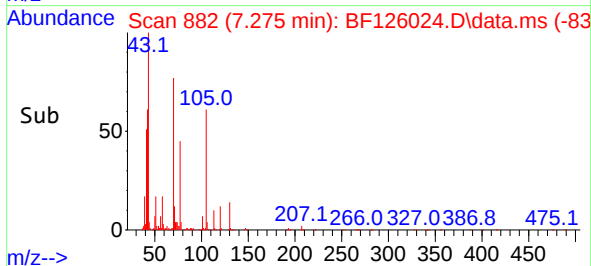


Tgt Ion: 70 Resp: 46755
Ion Ratio Lower Upper
70 100
42 78.3 72.2 108.2
101 9.3 7.8 11.8
130 17.7 21.8 32.6#

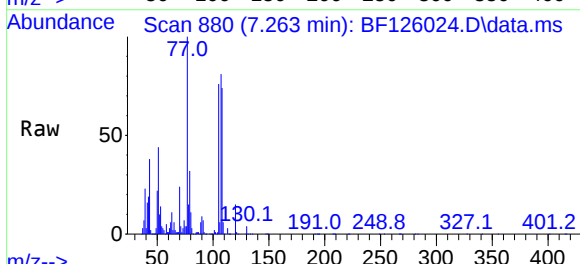
Manual Integrations

APPROVED

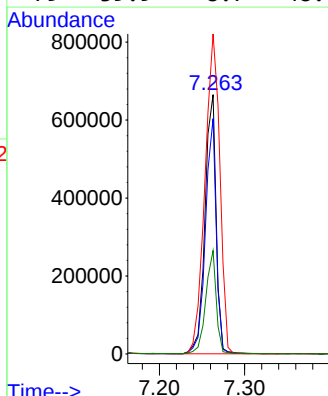
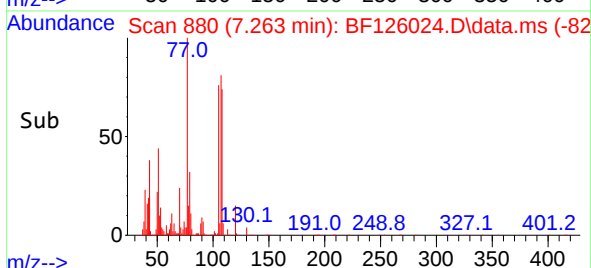
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

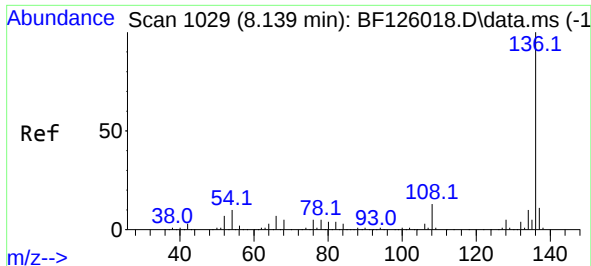


#20
3+4-Methylphenols
Concen: 42.87 ng
RT: 7.263 min Scan# 880
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:107 Resp: 606595
Ion Ratio Lower Upper
107 100
108 90.8 76.6 116.6
77 123.4 53.3 93.3#
79 39.9 8.7 48.7





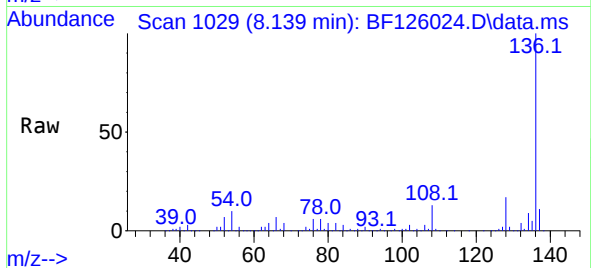
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

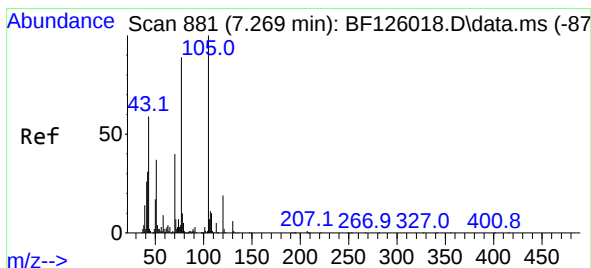
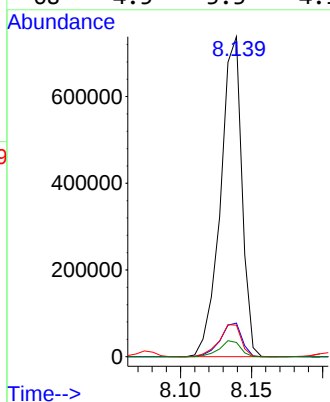
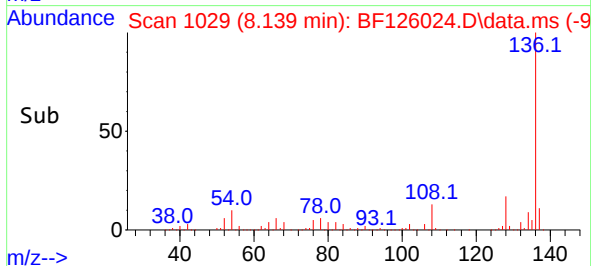


Tgt Ion:136 Resp: 769000
Ion Ratio Lower Upper
136 100
137 10.5 9.8 14.6
54 9.8 6.4 9.6
68 4.5 3.3 4.9

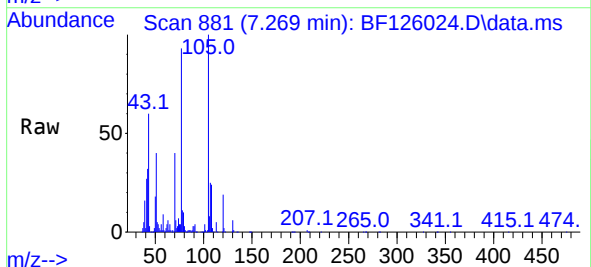
Manual Integrations

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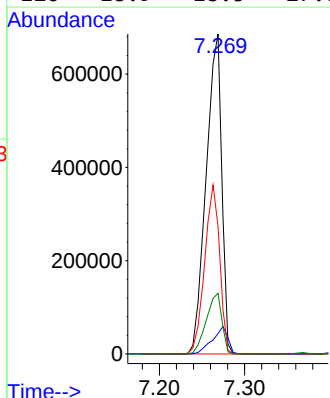
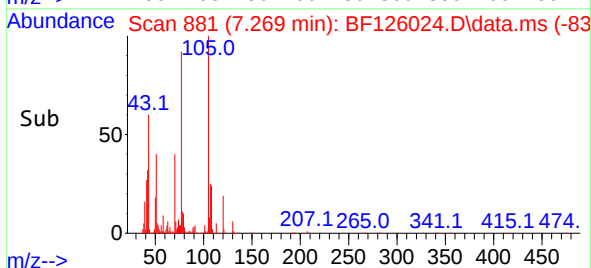
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

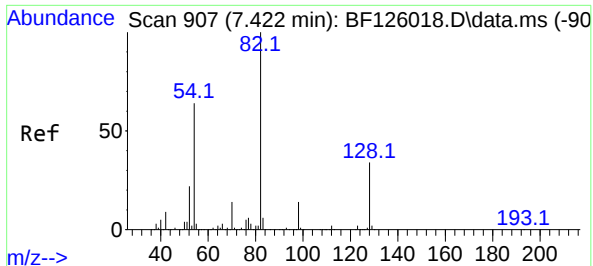


#22
Acetophenone
Concen: 39.38 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



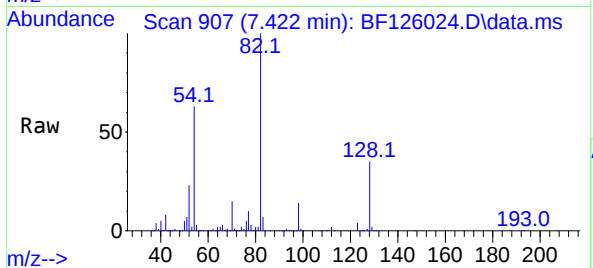
Tgt Ion:105 Resp: 874628
Ion Ratio Lower Upper
105 100
71 6.4 5.5 8.3
51 39.8 26.0 39.0
120 18.9 18.5 27.7





#23
Nitrobenzene-d5
Concen: 78.05 ng
RT: 7.422 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

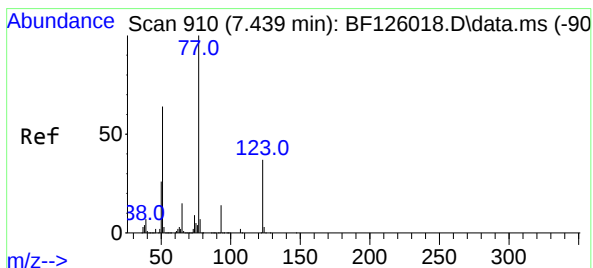
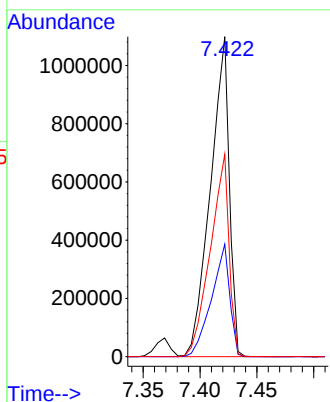
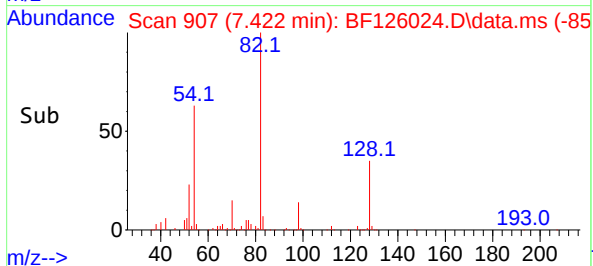
Instrument :
BNA_F
ClientSampleId :
PB140274BS



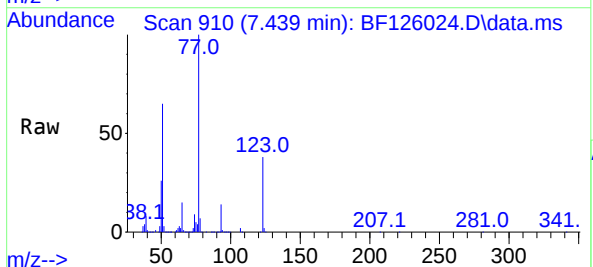
Tgt Ion: 82 Resp: 1272744
Ion Ratio Lower Upper
82 100
128 35.1 40.6 60.8
54 63.2 49.6 74.4

Manual Integrations
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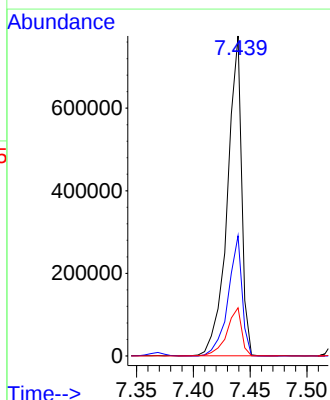
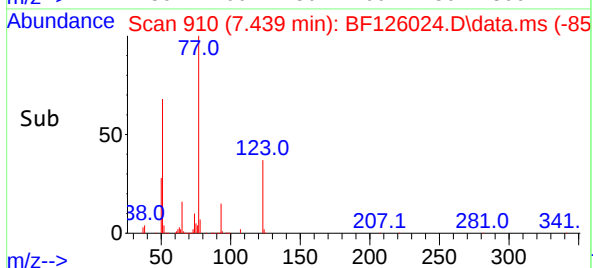
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

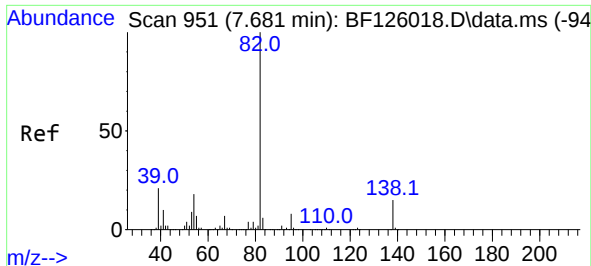


#24
Nitrobenzene
Concen: 41.99 ng
RT: 7.439 min Scan# 910
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion: 77 Resp: 678110
Ion Ratio Lower Upper
77 100
123 37.5 42.3 63.5
65 15.1 12.4 18.6





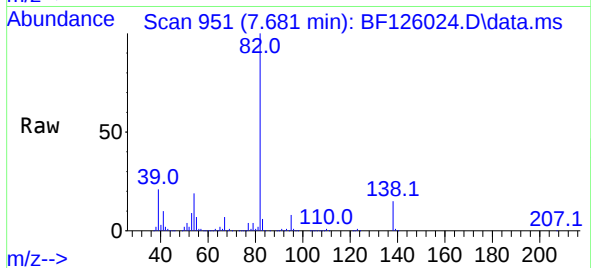
#25
Isophorone
Concen: 40.54 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

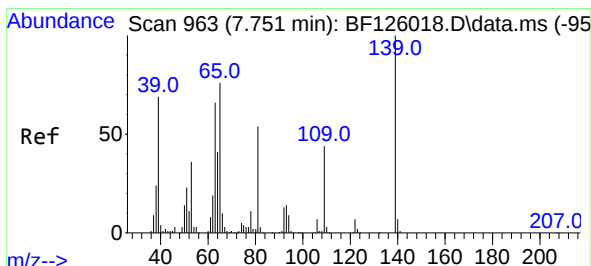
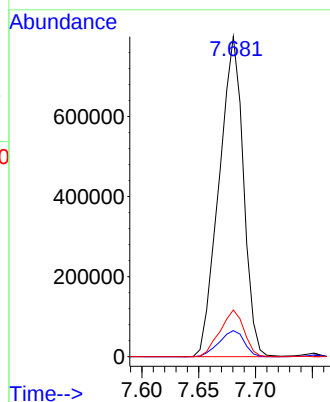
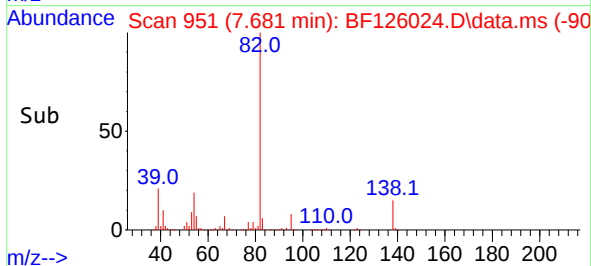


Tgt Ion: 82 Resp: 119013
Ion Ratio Lower Upper
82 100
95 8.1 6.5 9.7
138 14.6 18.4 27.6

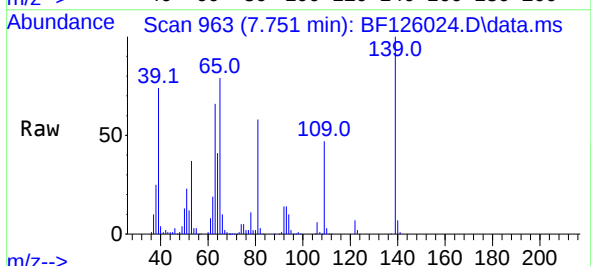
Manual Integrations

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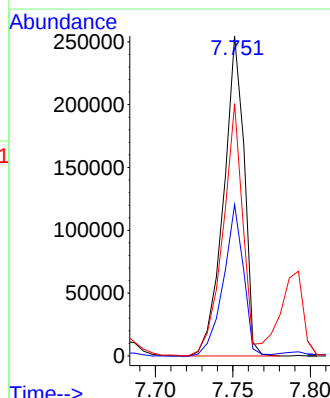
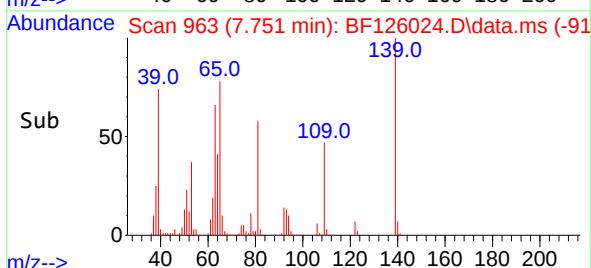
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

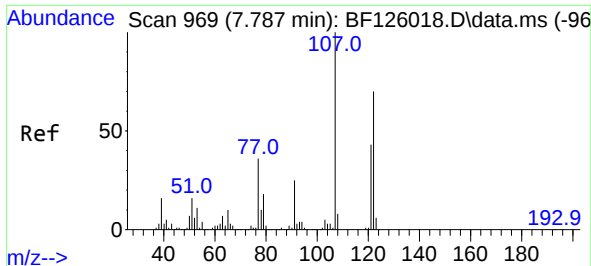


#26
2-Nitrophenol
Concen: 41.79 ng
RT: 7.751 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:139 Resp: 234977
Ion Ratio Lower Upper
139 100
109 47.3 26.0 39.0#
65 78.9 31.0 46.4#





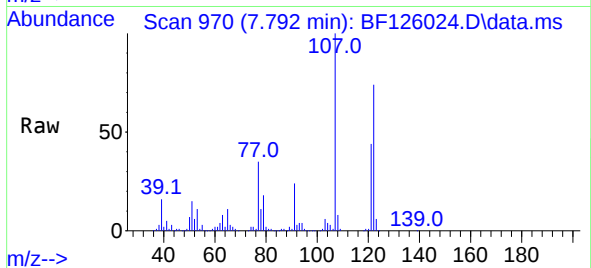
#27
2,4-Dimethylphenol
Concen: 45.88 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.005 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

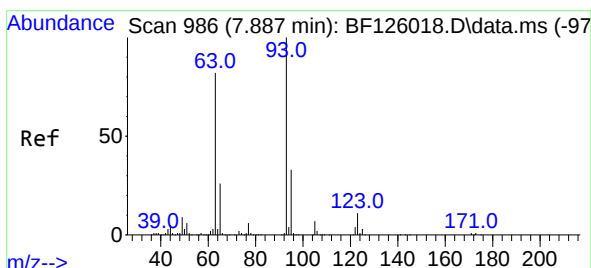
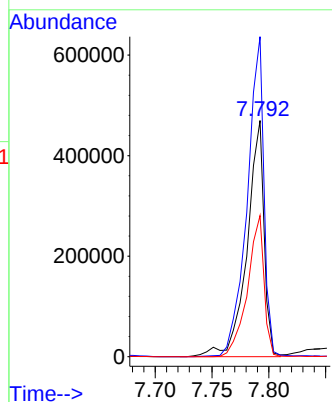
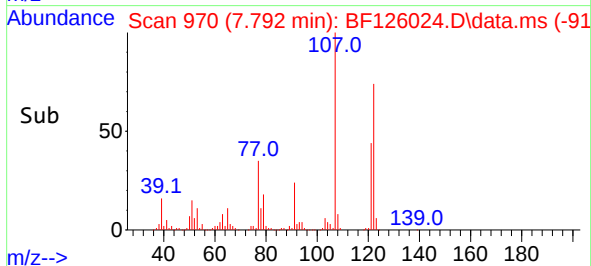


Tgt Ion:122 Resp: 491064
Ion Ratio Lower Upper
122 100
107 135.5 85.0 127.6
121 59.7 43.3 64.9

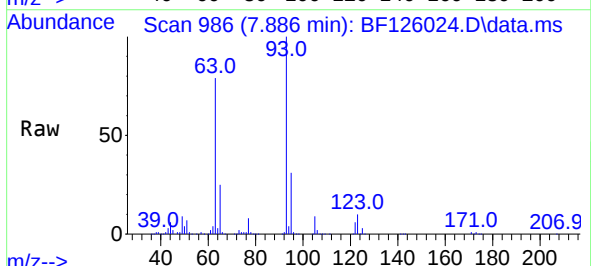
Manual Integrations

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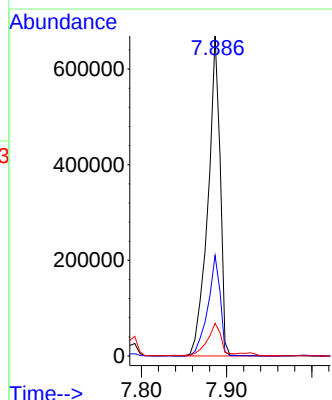
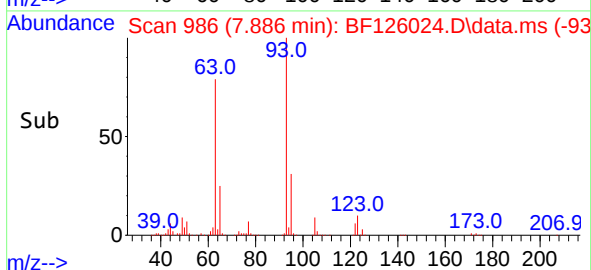
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

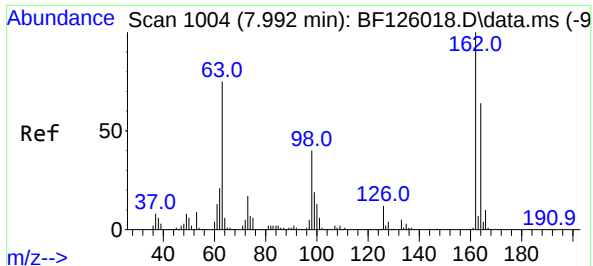


#28
bis(2-Chloroethoxy)methane
Concen: 38.45 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion: 93 Resp: 665654
Ion Ratio Lower Upper
93 100
95 31.4 26.1 39.1
123 10.2 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 41.01 ng

RT: 7.992 min Scan# 1004

Delta R.T. 0.000 min

Lab File: BF126024.D

Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

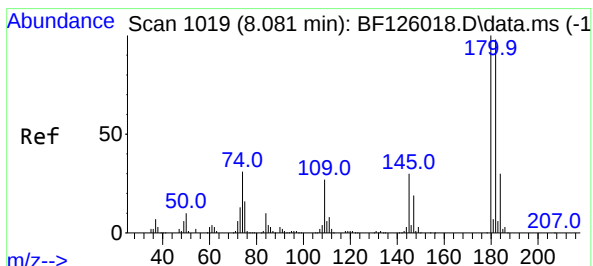
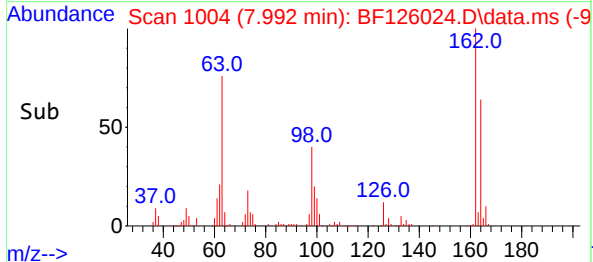
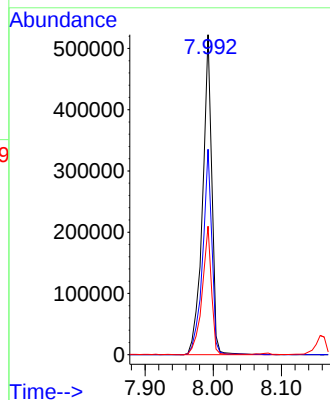
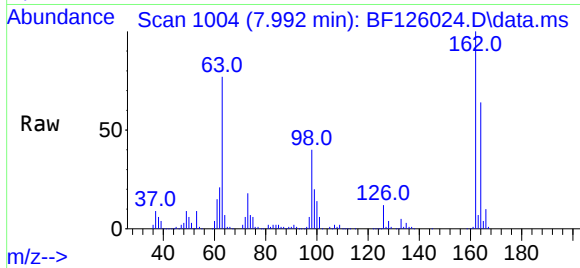
PB140274BS

Tgt Ion:162 Resp: 495468
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.5 84.5
 98 40.2 13.0 53.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/04/2021
 Supervised By :mohammad ahmed 11/08/2021



#30

1,2,4-Trichlorobenzene

Concen: 38.88 ng

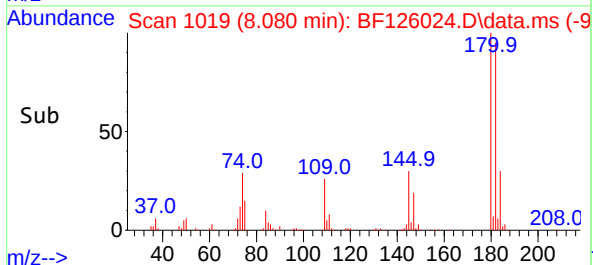
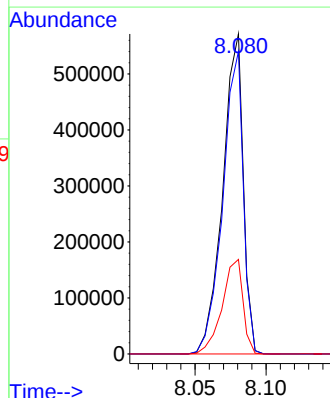
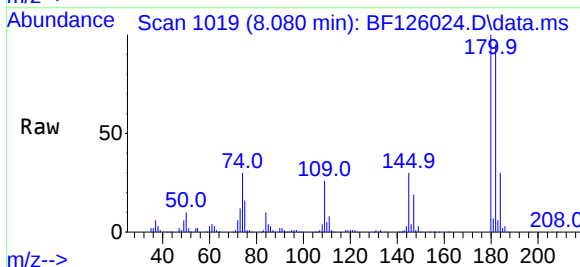
RT: 8.080 min Scan# 1019

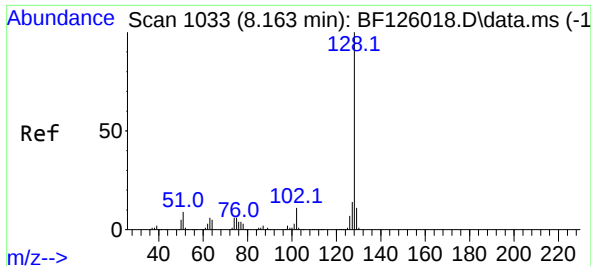
Delta R.T. -0.001 min

Lab File: BF126024.D

Acq: 3 Nov 2021 17:35

Tgt Ion:180 Resp: 572804
 Ion Ratio Lower Upper
 180 100
 182 94.5 76.8 115.2
 145 29.5 26.7 40.1





#31
Naphthalene
Concen: 39.63 ng
RT: 8.157 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

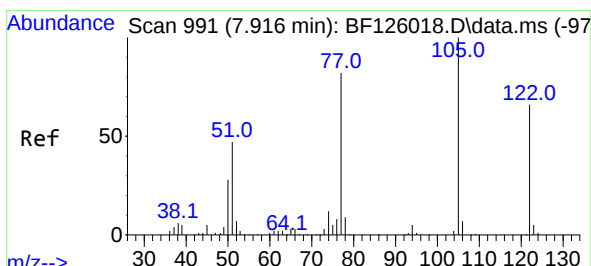
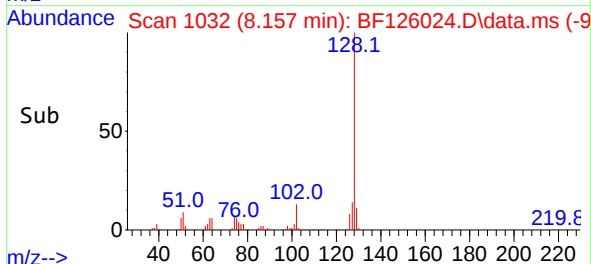
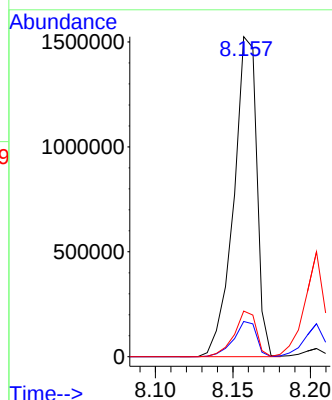
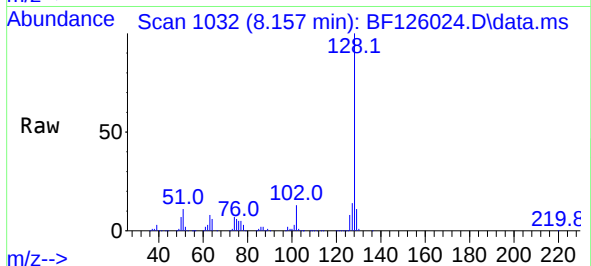
PB140274BS

Tgt Ion:128 Resp: 157868
Ion Ratio Lower Upper
128 100
129 11.0 9.4 14.0
127 14.2 10.9 16.3

Manual Integrations

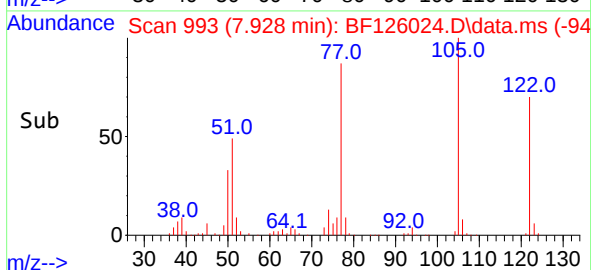
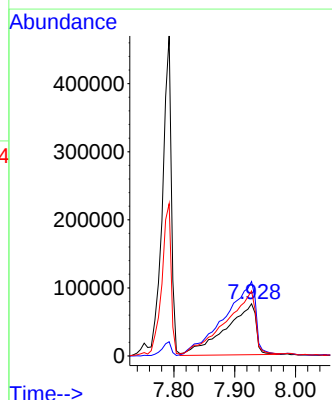
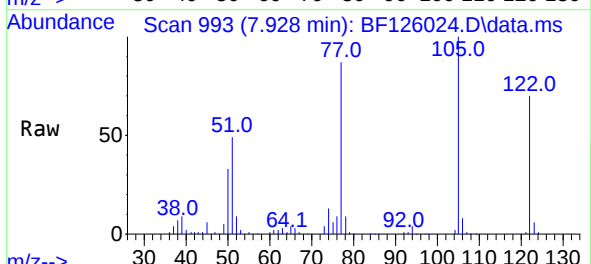
APPROVED

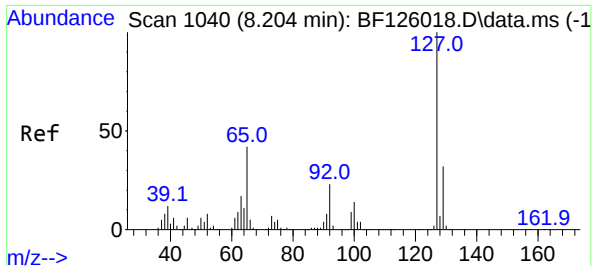
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#32
Benzoic acid
Concen: 41.43 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:122 Resp: 264810
Ion Ratio Lower Upper
122 100
105 142.6 97.6 137.6#
77 124.6 59.6 99.6#





#33
4-Chloroaniline
Concen: 28.37 ng
RT: 8.204 min Scan# 1040
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

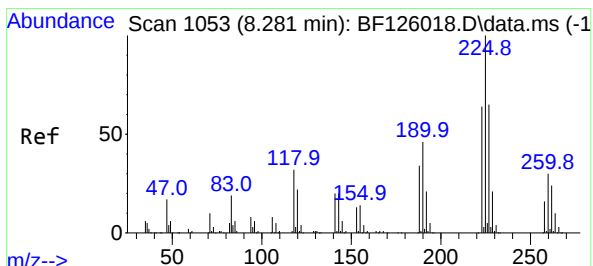
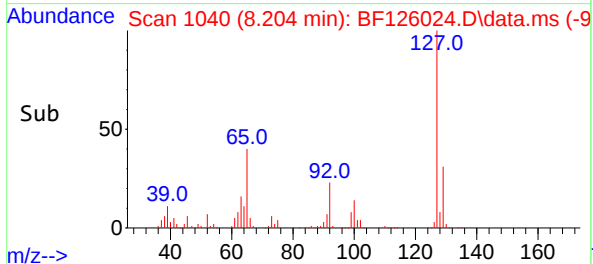
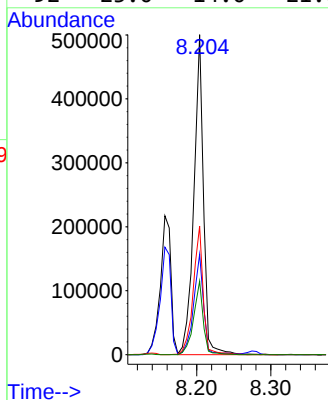
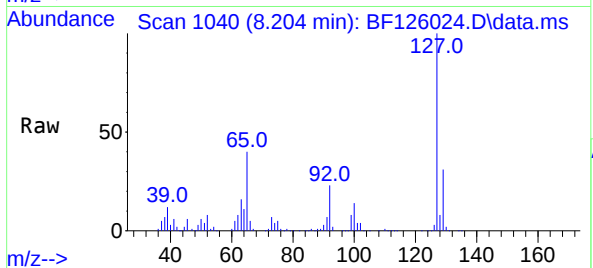
ClientSampleId :

PB140274BS

Tgt Ion:127 Resp: 45158
Ion Ratio Lower Upper
127 100
129 31.4 25.7 38.5
65 40.2 21.2 31.8
92 23.0 14.0 21.0#

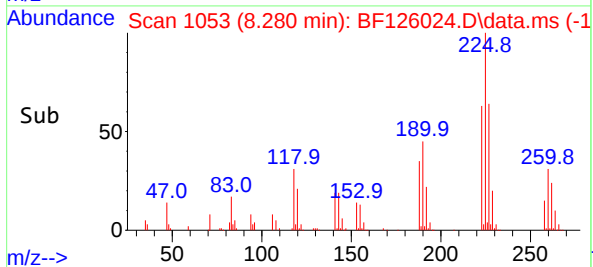
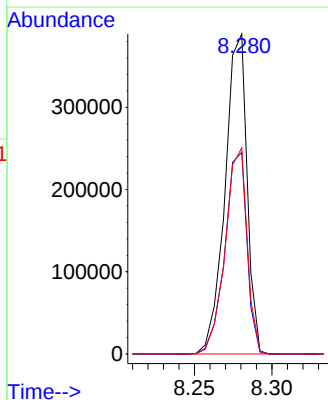
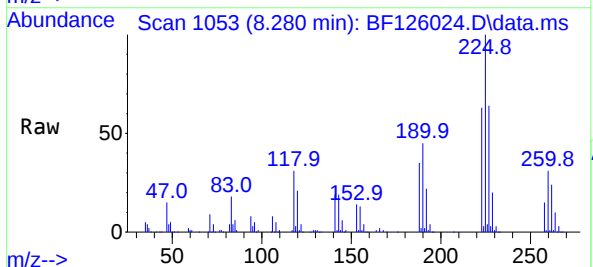
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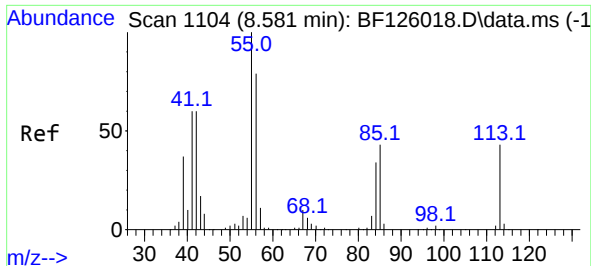
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#34
Hexachlorobutadiene
Concen: 37.89 ng
RT: 8.280 min Scan# 1053
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:225 Resp: 384278
Ion Ratio Lower Upper
225 100
223 63.1 50.6 76.0
227 64.4 50.6 75.8





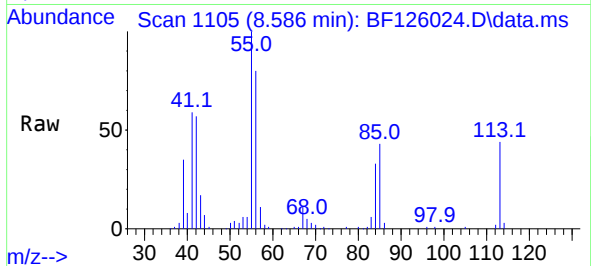
#35
Caprolactam
Concen: 37.90 ng m
RT: 8.586 min Scan# 1104
Delta R.T. 0.005 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

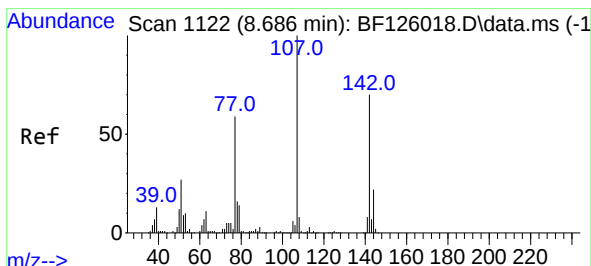
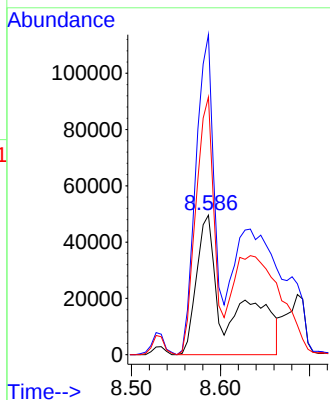
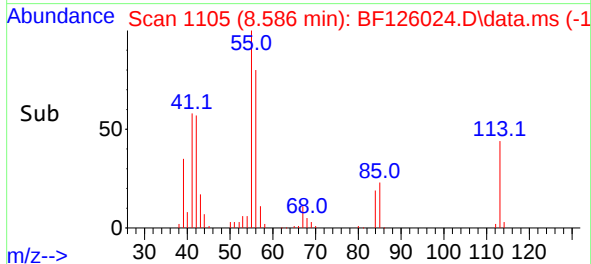


Tgt Ion:113 Resp: 12752
Ion Ratio Lower Upper
113 100
55 229.4 154.1 194.1
56 184.7 108.7 148.7

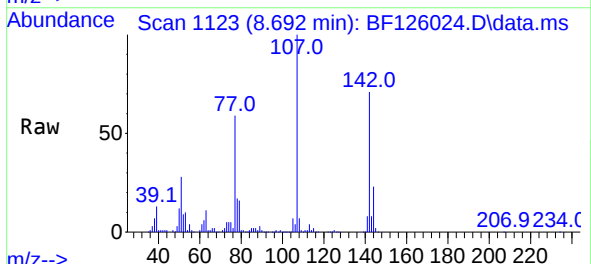
Manual Integrations

APPROVED

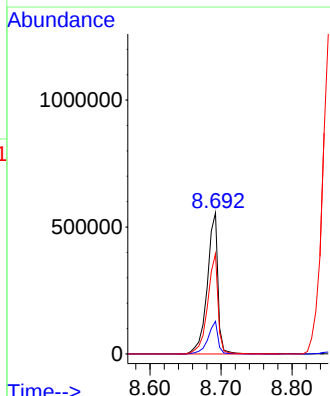
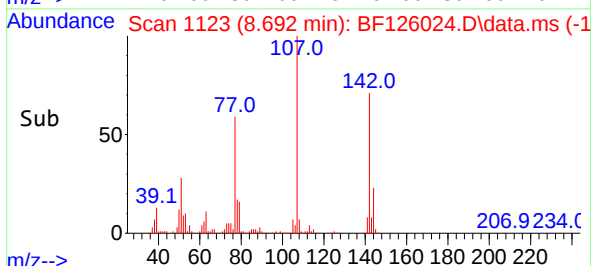
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

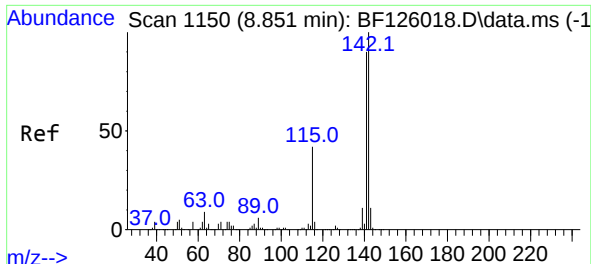


#36
4-Chloro-3-methylphenol
Concen: 41.71 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:107 Resp: 581189
Ion Ratio Lower Upper
107 100
144 23.1 21.9 32.9
142 70.9 67.1 100.7





#37

2-Methylnaphthalene

Concen: 41.57 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.000 min

Lab File: BF126024.D

Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

Tgt Ion:142 Resp: 114370

Ion Ratio Lower Upper

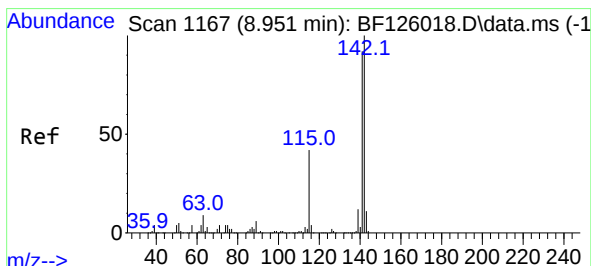
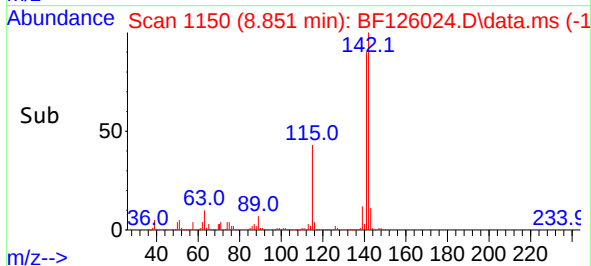
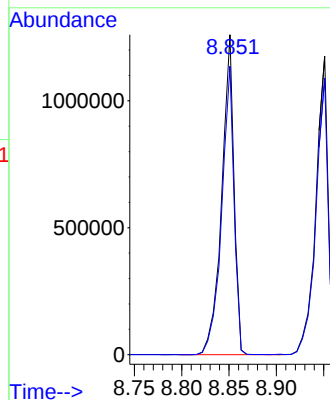
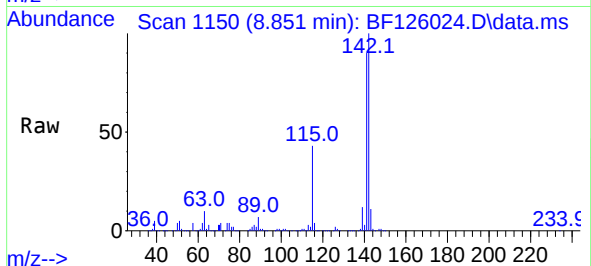
142 100

141 90.1 71.2 106.8

Manual Integrations

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Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#38

1-Methylnaphthalene

Concen: 39.68 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF126024.D

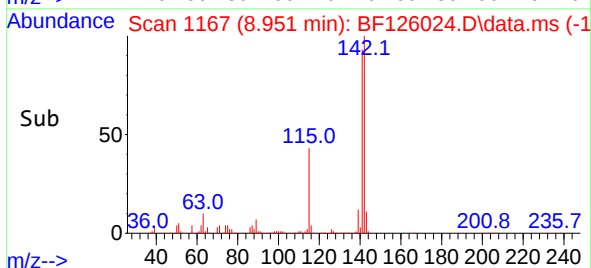
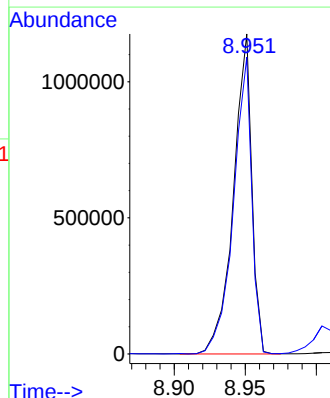
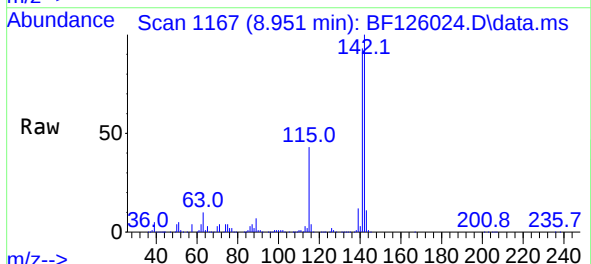
Acq: 3 Nov 2021 17:35

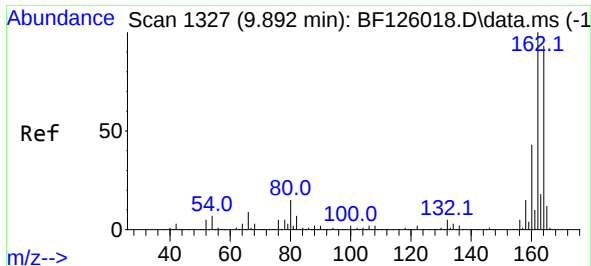
Tgt Ion:142 Resp: 1057294

Ion Ratio Lower Upper

142 100

141 92.7 76.0 114.0





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.892 min Scan# 1178

Delta R.T. 0.000 min

Lab File: BF126024.D

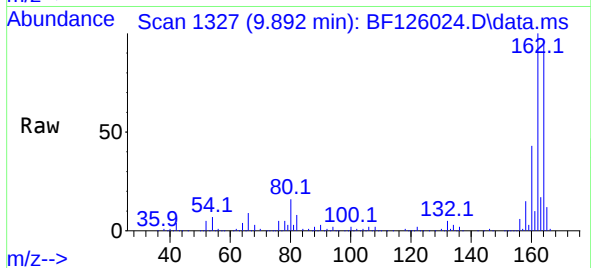
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS



Tgt Ion:164 Resp: 47352

Ion Ratio Lower Upper

164 100

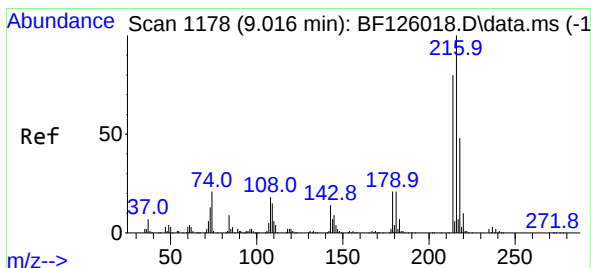
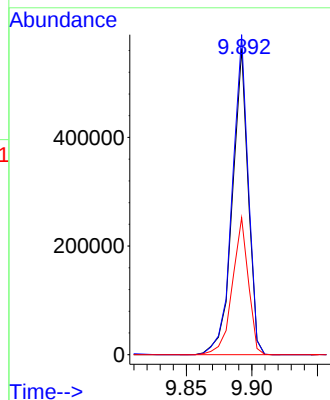
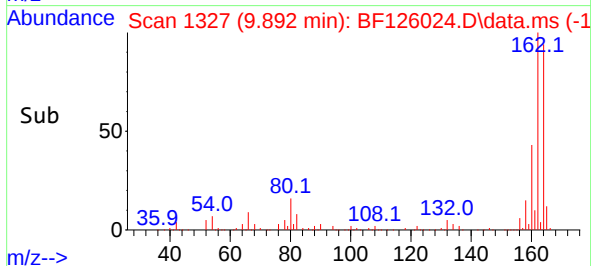
162 104.6 81.3 121.9

160 44.8 38.0 57.0

Manual Integrations

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Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.02 ng

RT: 9.016 min Scan# 1178

Delta R.T. -0.000 min

Lab File: BF126024.D

Acq: 3 Nov 2021 17:35

Tgt Ion:216 Resp: 619171

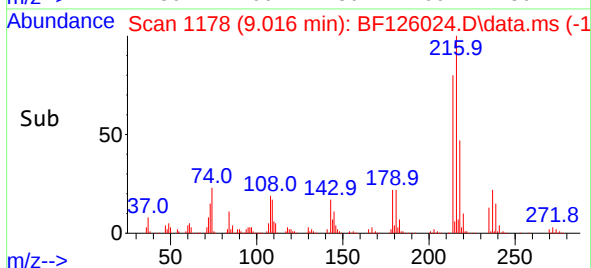
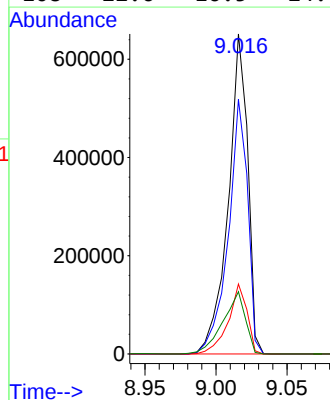
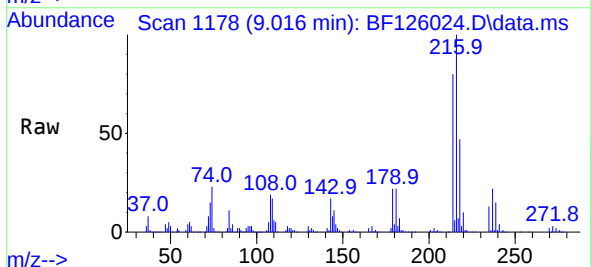
Ion Ratio Lower Upper

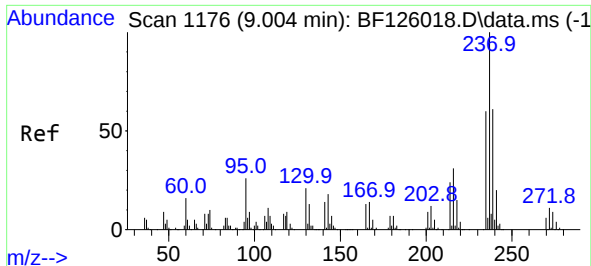
216 100

214 79.1 64.9 97.3

179 21.2 17.4 26.2

108 22.6 16.5 24.7





#41
Hexachlorocyclopentadiene
Concen: 101.30 ng
RT: 9.010 min Scan# 1176
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

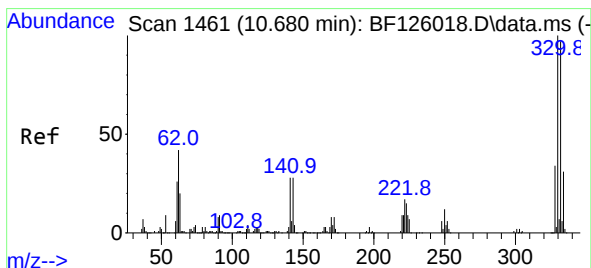
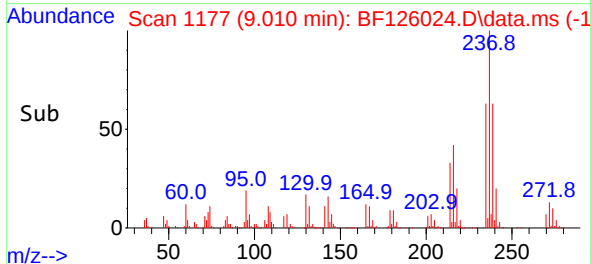
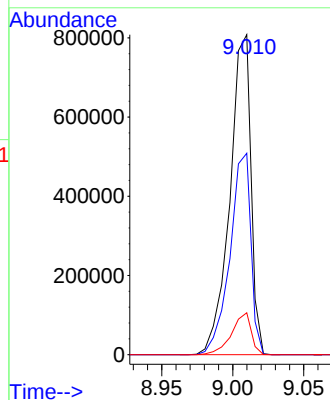
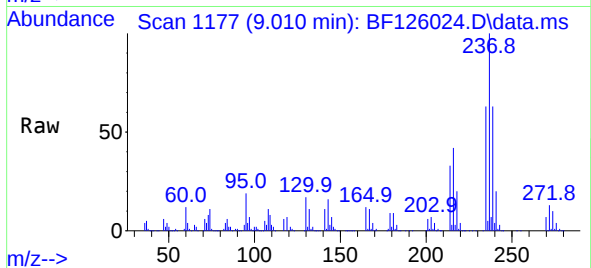
PB140274BS

Tgt Ion:237 Resp: 835240
Ion Ratio Lower Upper
237 100
235 63.0 44.7 84.7
272 13.1 0.0 31.6

Manual Integrations

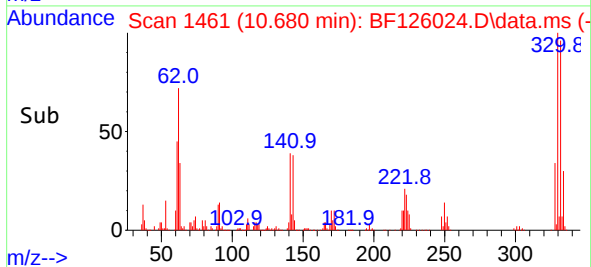
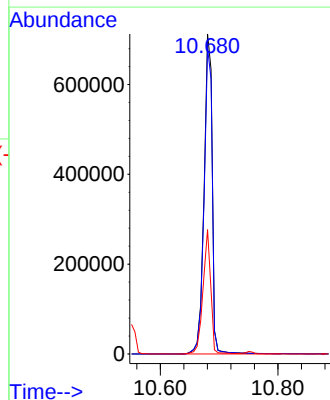
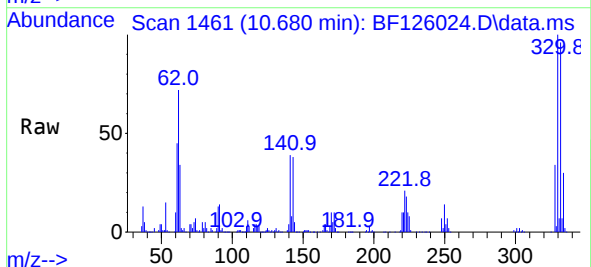
APPROVED

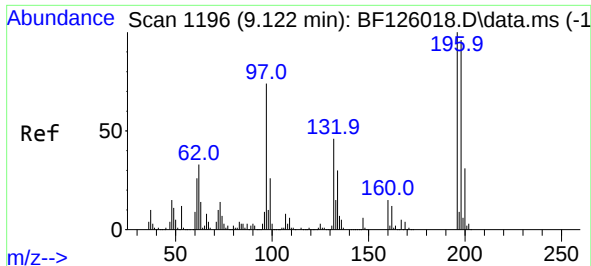
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#42
2,4,6-Tribromophenol
Concen: 126.42 ng
RT: 10.680 min Scan# 1461
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:330 Resp: 686010
Ion Ratio Lower Upper
330 100
332 96.1 76.2 114.4
141 36.8 44.6 66.8#





#43
2,4,6-Trichlorophenol
Concen: 41.60 ng
RT: 9.127 min Scan# 1196
Delta R.T. 0.005 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

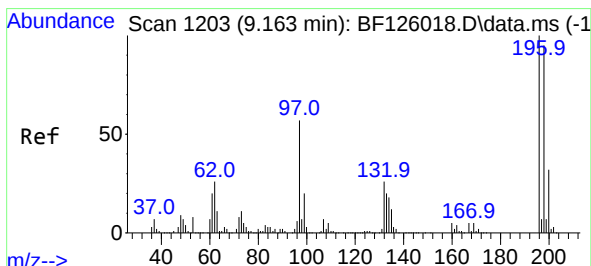
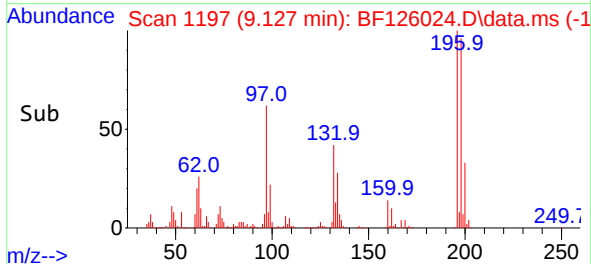
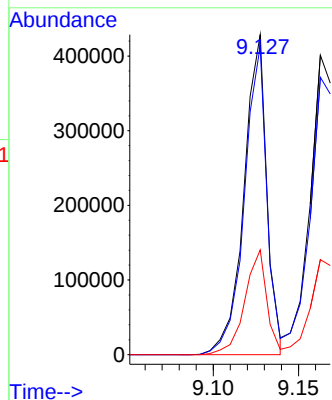
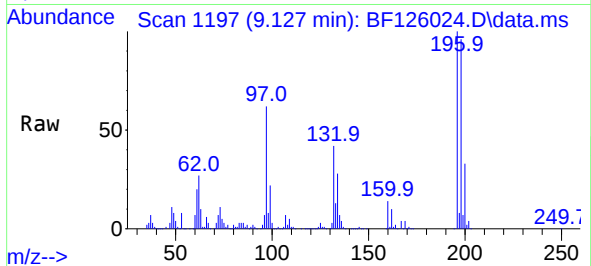
PB140274BS

Tgt Ion:196 Resp: 399760
Ion Ratio Lower Upper
196 100
198 96.4 74.9 112.3
200 32.8 27.0 40.4

Manual Integrations

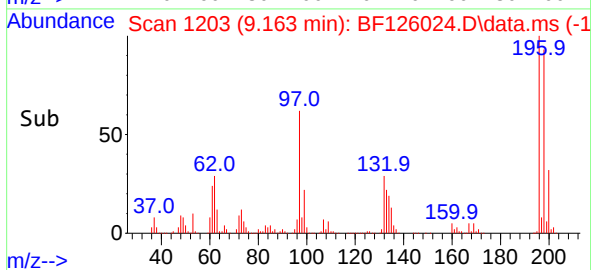
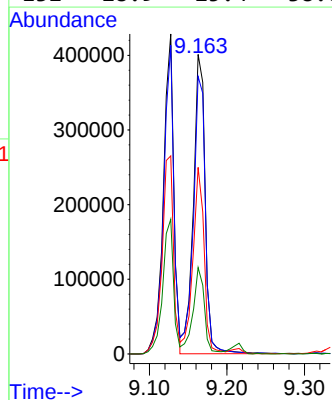
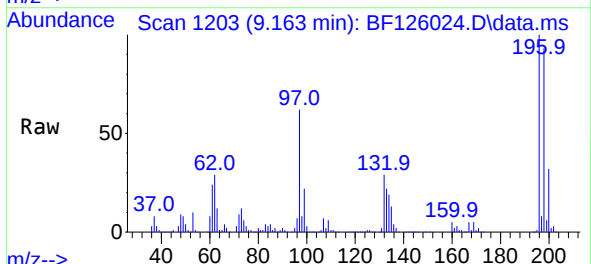
APPROVED

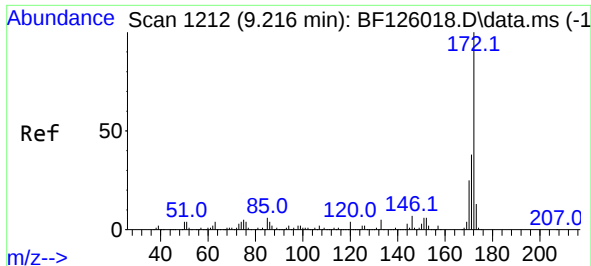
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#44
2,4,5-Trichlorophenol
Concen: 41.06 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:196 Resp: 426274
Ion Ratio Lower Upper
196 100
198 92.6 80.2 120.2
97 62.3 44.0 66.0
132 28.9 25.4 38.0





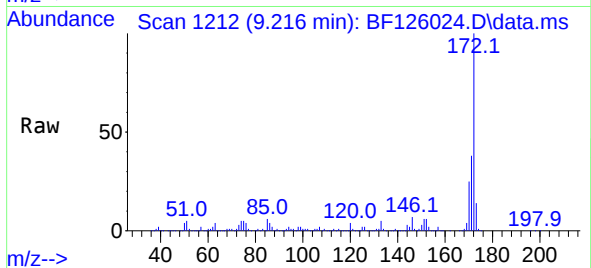
#45
2-Fluorobiphenyl
Concen: 73.27 ng
RT: 9.216 min Scan# 1212
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

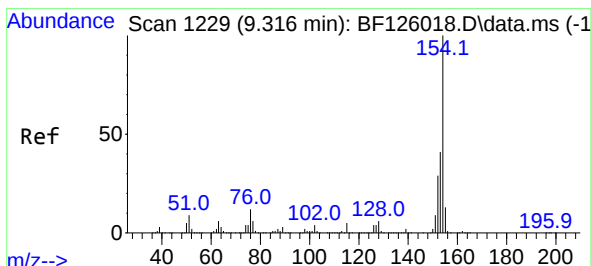
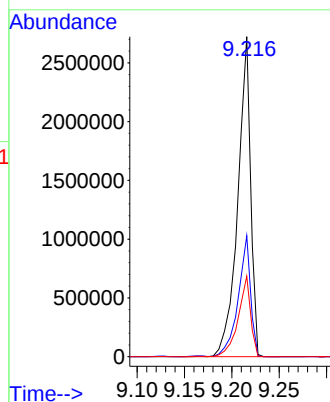
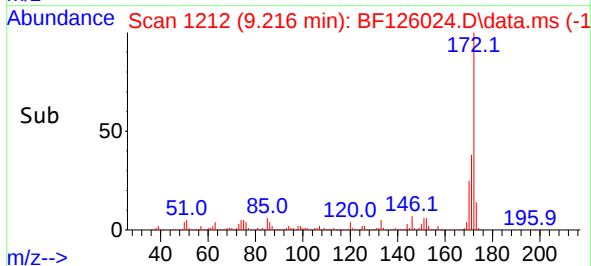


Tgt Ion:172 Resp: 2567364
Ion Ratio Lower Upper
172 100
171 37.8 26.5 39.7
170 25.2 18.8 28.2

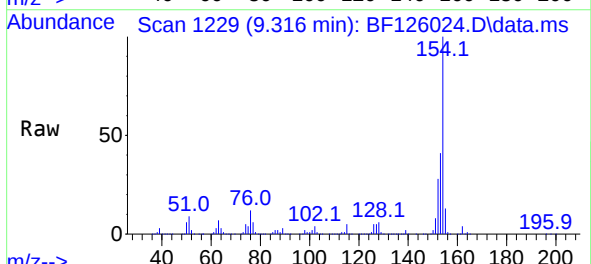
Manual Integrations

APPROVED

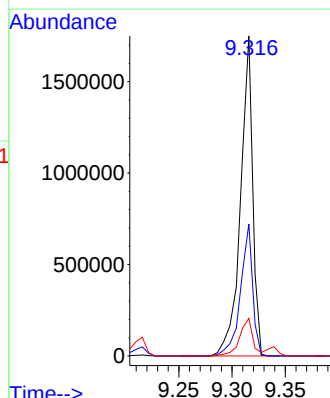
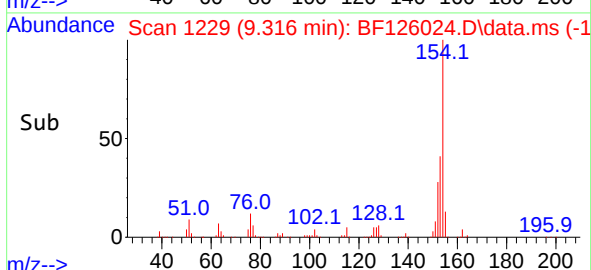
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

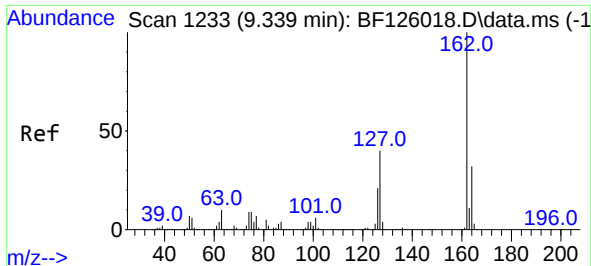


#46
1,1'-Biphenyl
Concen: 38.18 ng
RT: 9.316 min Scan# 1229
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:154 Resp: 1397241
Ion Ratio Lower Upper
154 100
153 41.2 20.0 60.0
76 11.7 0.0 30.3





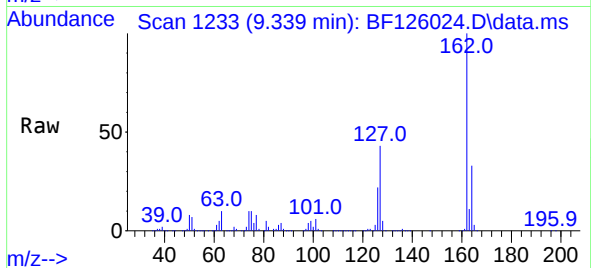
#47
2-Chloronaphthalene
Concen: 38.59 ng
RT: 9.339 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

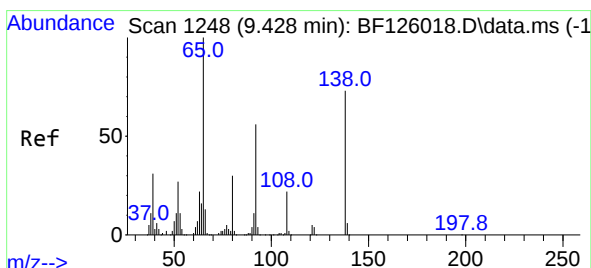
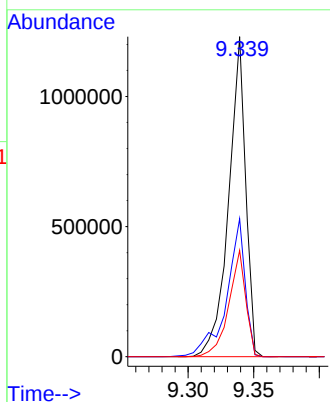
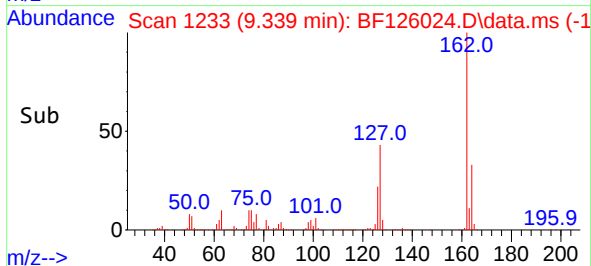


Tgt Ion:162 Resp: 1111629
Ion Ratio Lower Upper
162 100
127 43.1 33.0 49.4
164 33.2 25.8 38.8

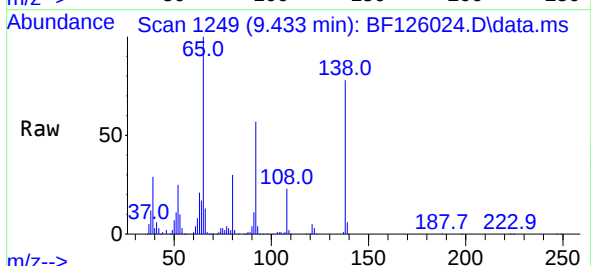
Manual Integrations

APPROVED

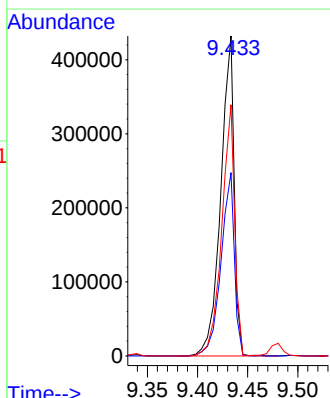
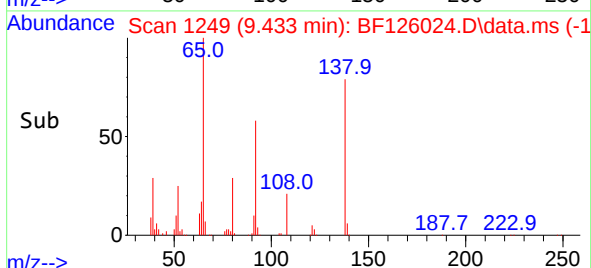
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

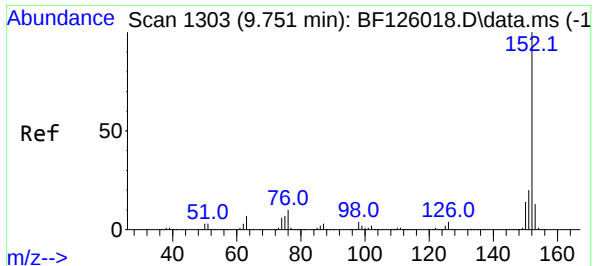


#48
2-Nitroaniline
Concen: 42.67 ng
RT: 9.433 min Scan# 1249
Delta R.T. 0.005 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion: 65 Resp: 398912
Ion Ratio Lower Upper
65 100
92 57.3 55.5 83.3
138 78.5 93.5 140.3#





#49

Acenaphthylene

Concen: 40.51 ng

RT: 9.757 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF126024.D

Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

Tgt Ion:152 Resp: 176472

Ion Ratio Lower Upper

152 100

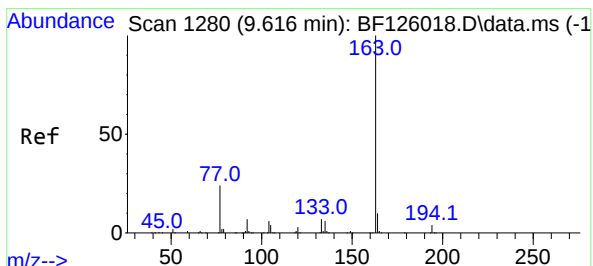
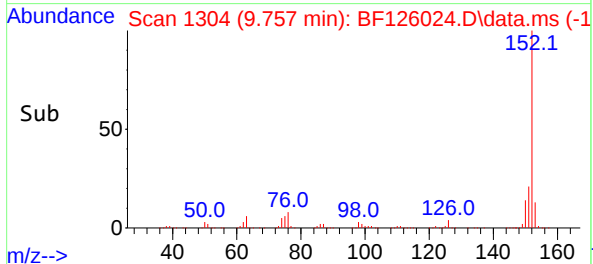
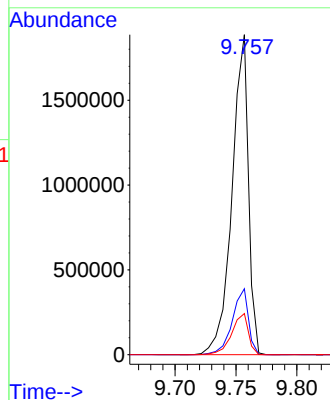
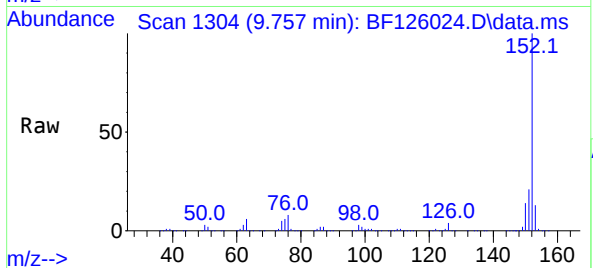
151 20.6 15.7 23.5

153 12.8 9.8 14.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#50

Dimethylphthalate

Concen: 40.55 ng

RT: 9.622 min Scan# 1281

Delta R.T. 0.006 min

Lab File: BF126024.D

Acq: 3 Nov 2021 17:35

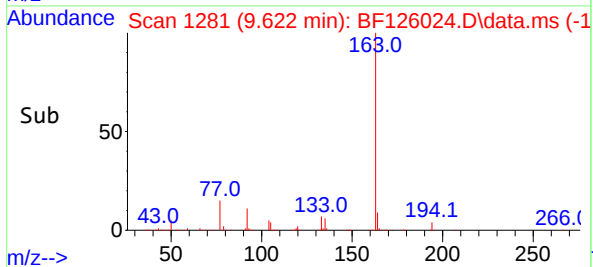
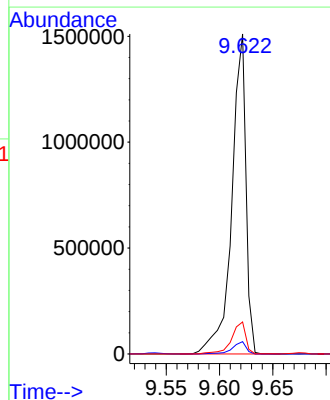
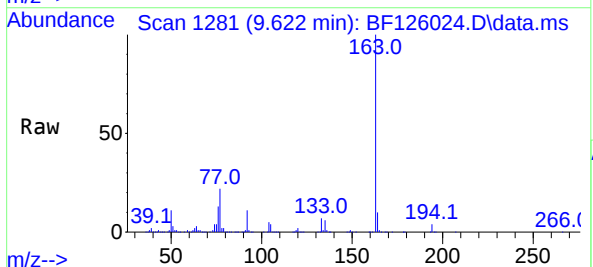
Tgt Ion:163 Resp: 1397937

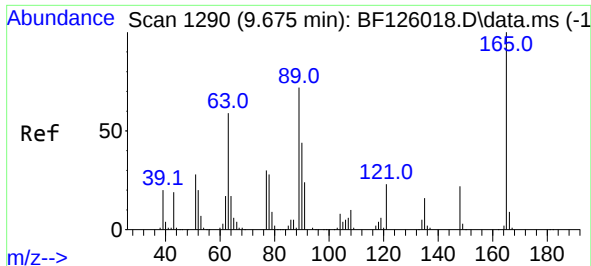
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.0 7.4 11.0





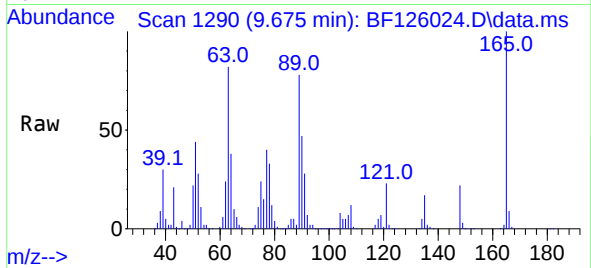
#51
2,6-Dinitrotoluene
Concen: 46.33 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

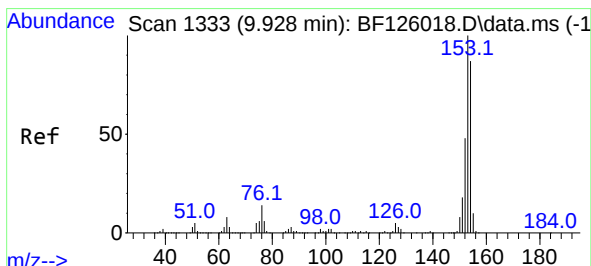
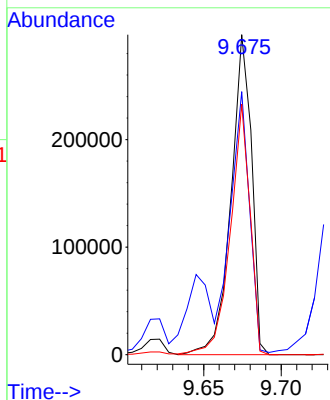
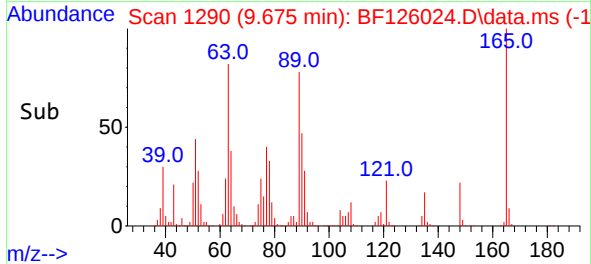


Tgt Ion:165 Resp: 273777
Ion Ratio Lower Upper
165 100
63 82.2 42.6 63.8
89 78.3 40.6 60.8

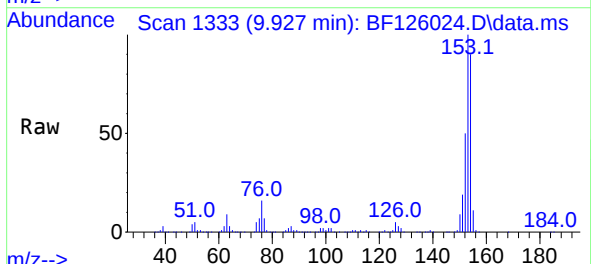
Manual Integrations

APPROVED

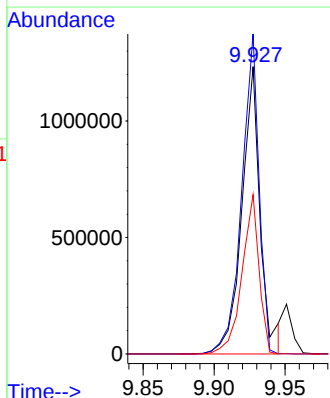
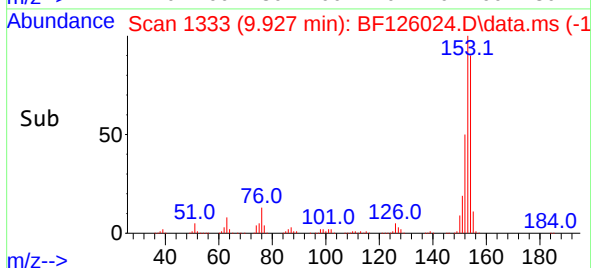
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

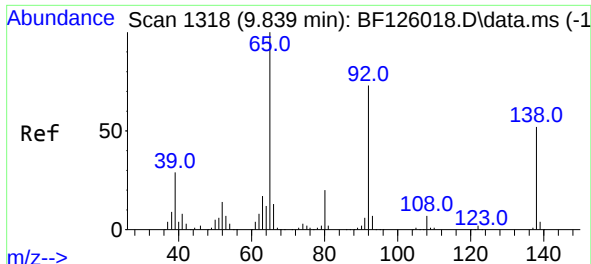


#52
Acenaphthene
Concen: 40.57 ng
RT: 9.927 min Scan# 1333
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:154 Resp: 1114817
Ion Ratio Lower Upper
154 100
153 111.4 89.4 134.2
152 55.5 40.5 60.7





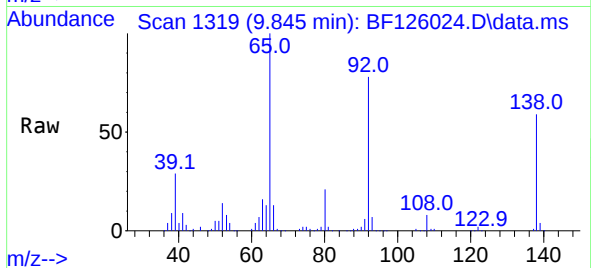
#53
3-Nitroaniline
Concen: 34.27 ng
RT: 9.845 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

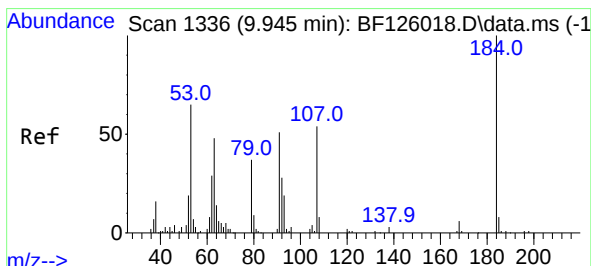
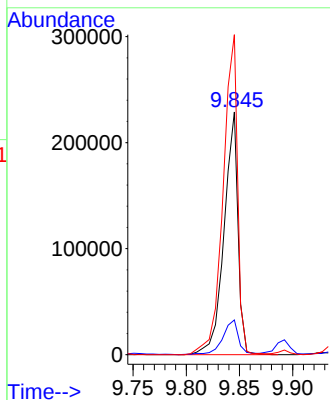
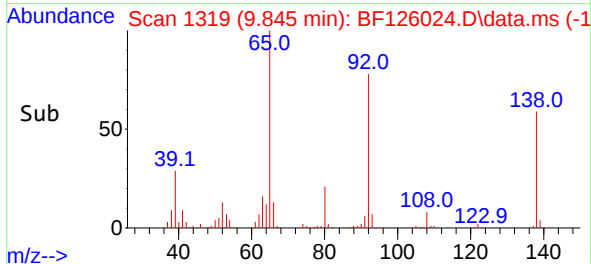


Tgt Ion:138 Resp: 207622
Ion Ratio Lower Upper
138 100
108 14.3 9.3 13.9
92 131.8 76.5 114.7

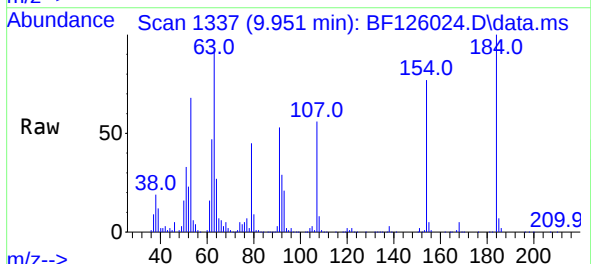
Manual Integrations

APPROVED

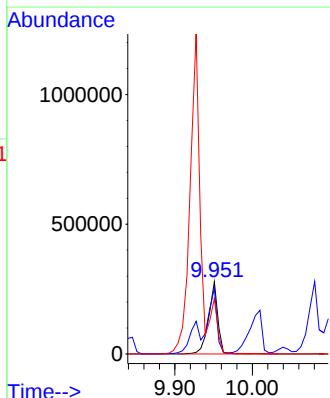
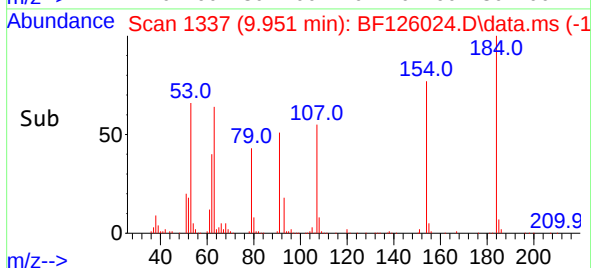
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

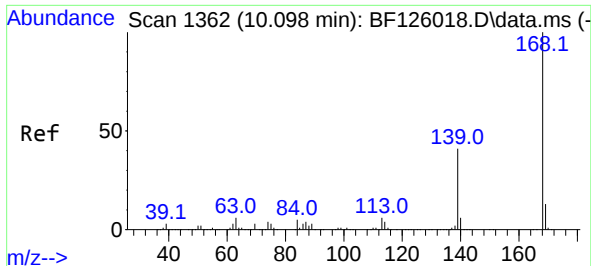


#54
2,4-Dinitrophenol
Concen: 76.21 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:184 Resp: 232165
Ion Ratio Lower Upper
184 100
63 91.2 59.3 88.9
154 76.8 68.6 102.8





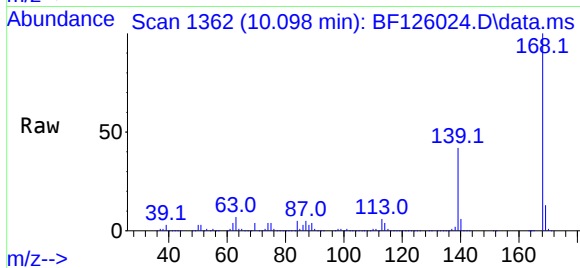
#55
Dibenzofuran
Concen: 39.26 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

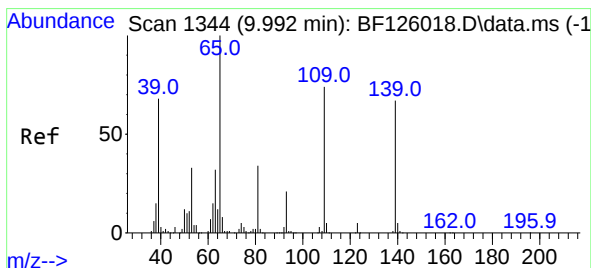
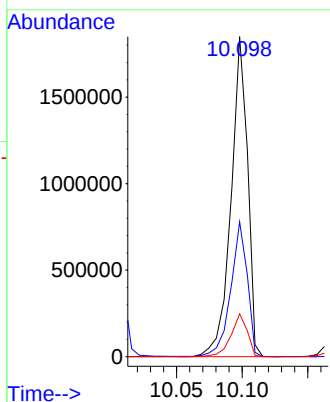
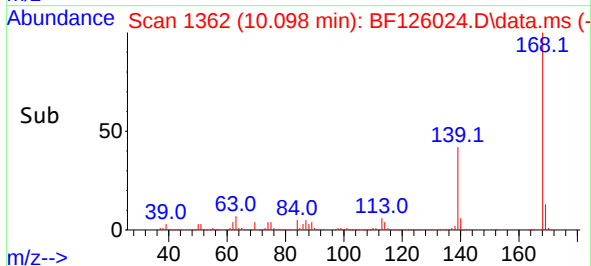


Tgt Ion:168 Resp: 162418
Ion Ratio Lower Upper
168 100
139 42.1 32.7 49.1
169 13.4 11.2 16.8

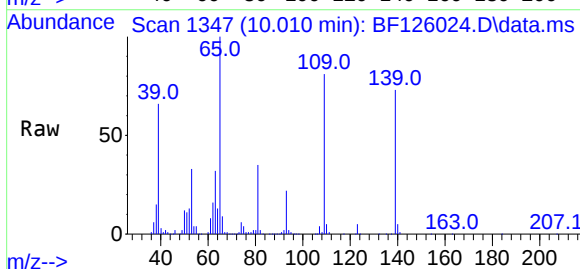
Manual Integrations

APPROVED

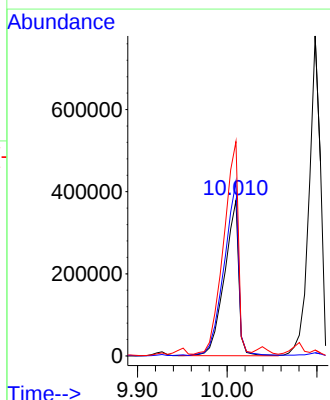
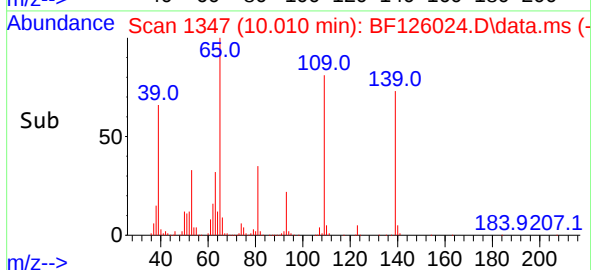
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

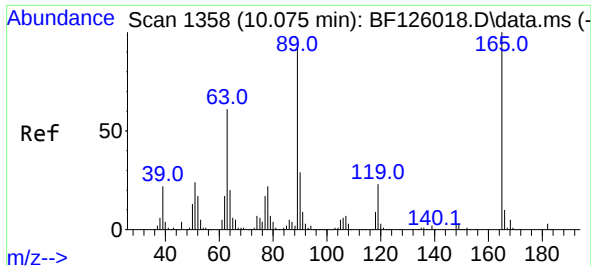


#56
4-Nitrophenol
Concen: 87.54 ng
RT: 10.010 min Scan# 1347
Delta R.T. 0.018 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:139 Resp: 418527
Ion Ratio Lower Upper
139 100
109 112.1 60.4 100.4#
65 137.8 58.4 98.4#





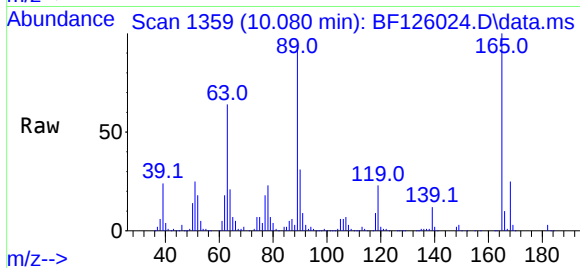
#57
2,4-Dinitrotoluene
Concen: 43.26 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.005 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

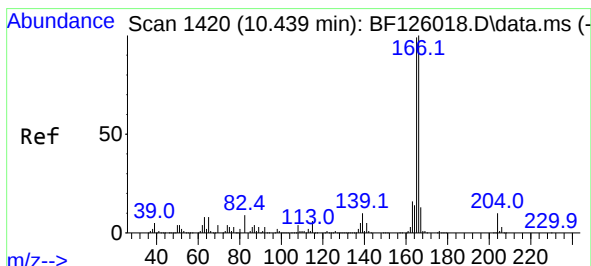
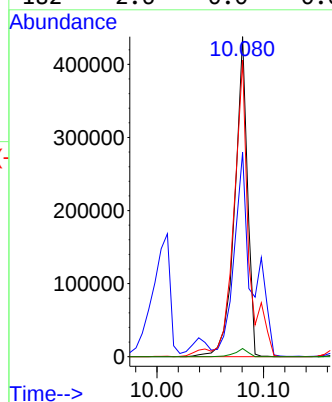
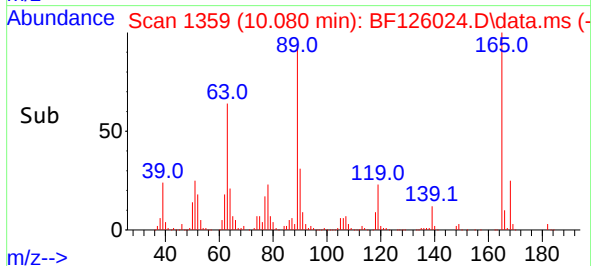


Tgt Ion:165 Resp: 365364
Ion Ratio Lower Upper
165 100
63 63.9 40.9 61.3
89 92.6 59.7 89.5
182 2.6 0.0 0.0

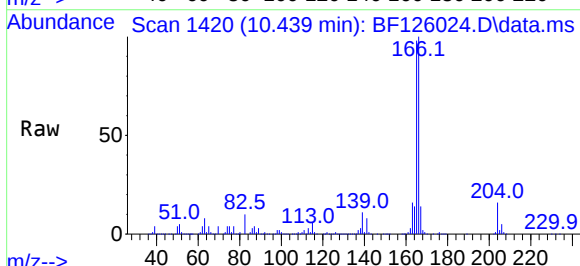
Manual Integrations

APPROVED

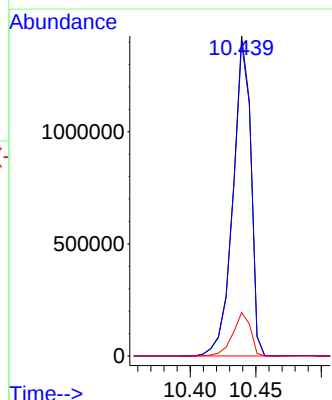
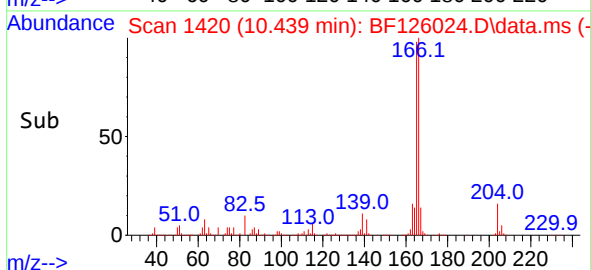
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

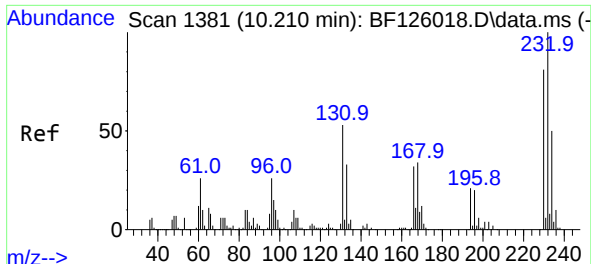


#58
Fluorene
Concen: 40.65 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:166 Resp: 1349859
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.6 11.1 16.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.24 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

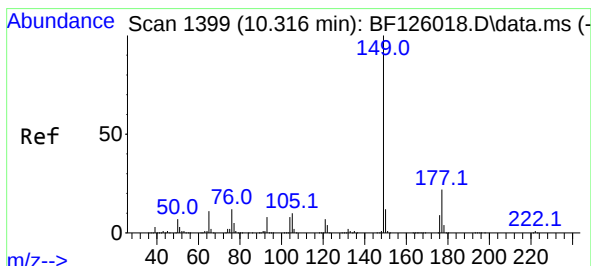
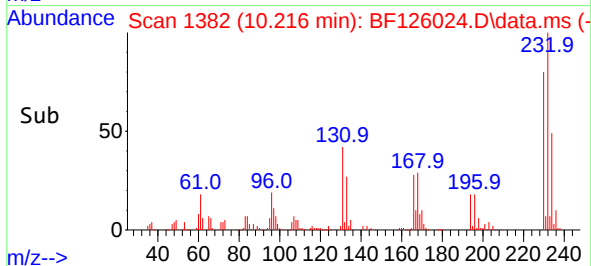
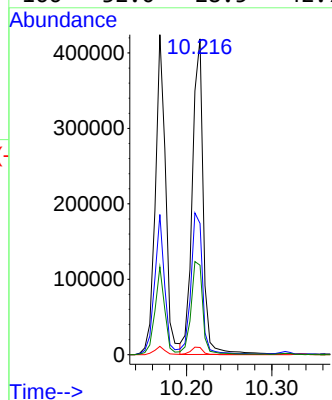
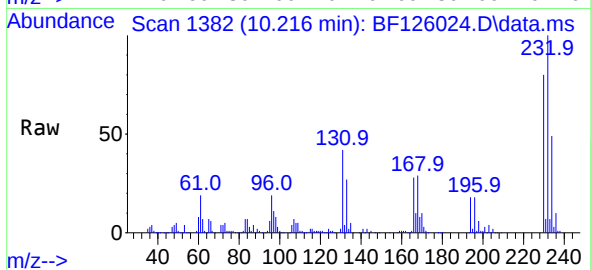
PB140274BS

Tgt Ion:232 Resp: 37132
Ion Ratio Lower Upper
232 100
131 48.5 45.4 68.0
130 2.6 0.0 0.0
166 32.0 28.5 42.7

Manual Integrations

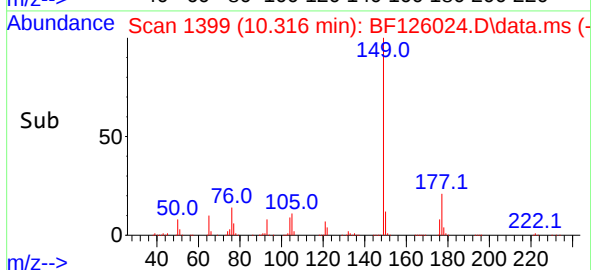
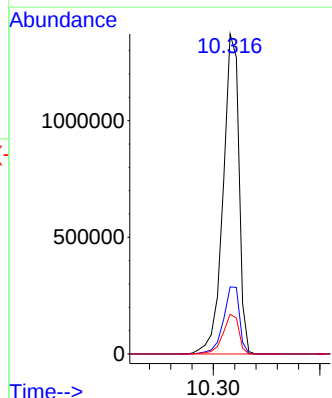
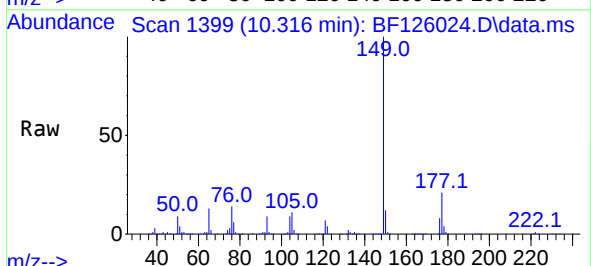
APPROVED

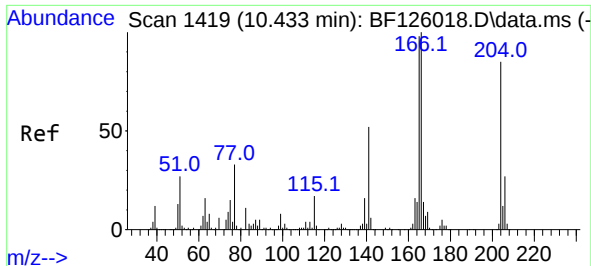
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#60
Diethylphthalate
Concen: 40.84 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:149 Resp: 1412041
Ion Ratio Lower Upper
149 100
177 20.9 16.5 24.7
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 39.76 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

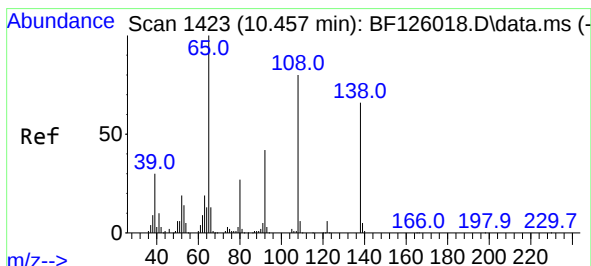
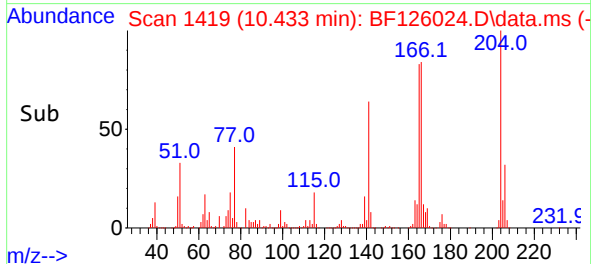
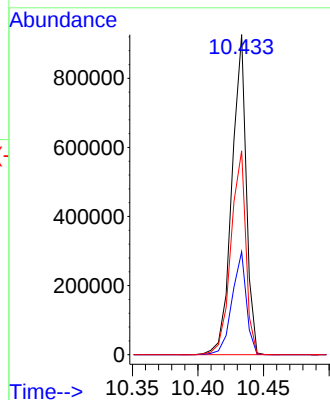
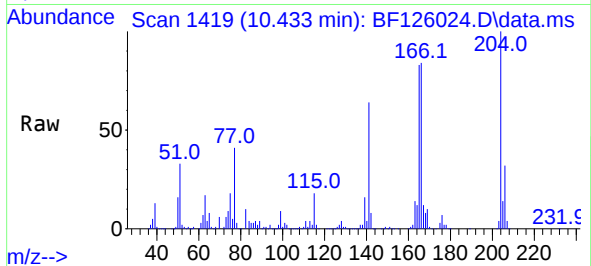
PB140274BS

Tgt Ion:204 Resp: 706238
Ion Ratio Lower Upper
204 100
206 32.2 27.6 41.4
141 63.7 58.6 88.0

Manual Integrations

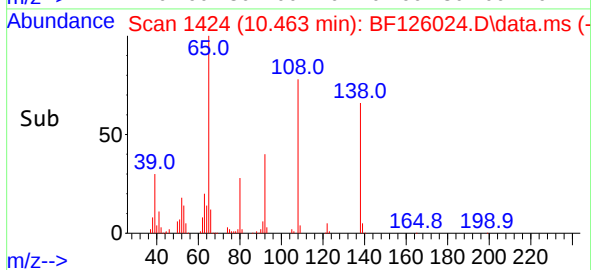
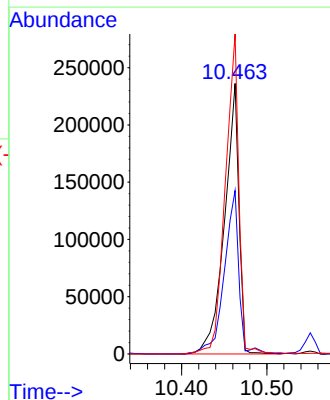
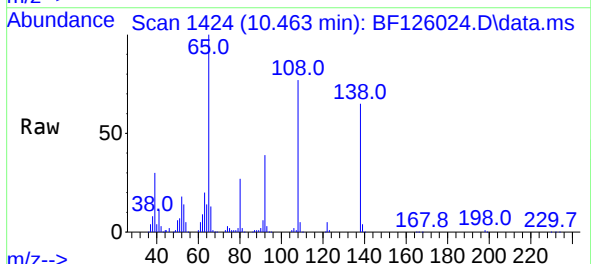
APPROVED

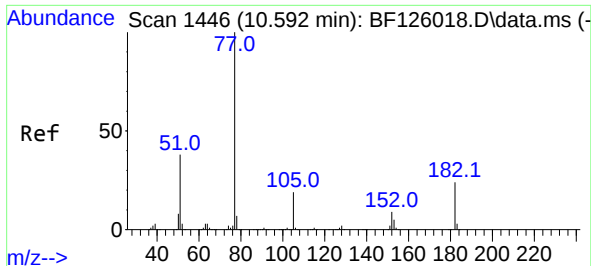
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#62
4-Nitroaniline
Concen: 43.88 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:138 Resp: 277235
Ion Ratio Lower Upper
138 100
92 60.4 29.6 69.6
108 118.3 78.1 118.1#





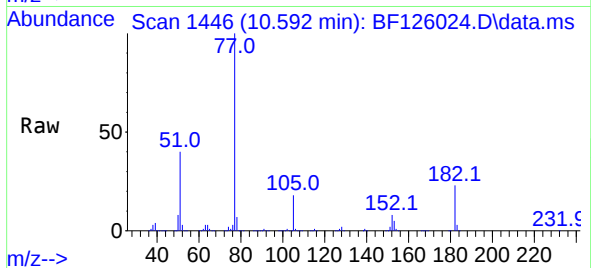
#63
Azobenzene
Concen: 39.27 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

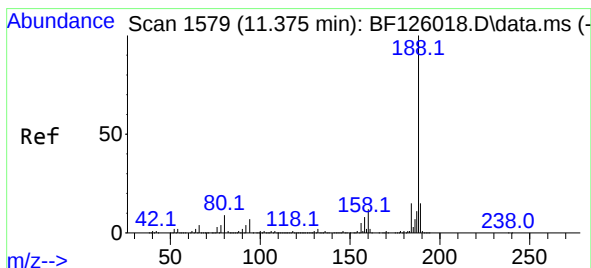
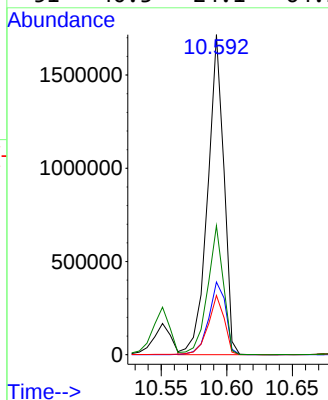
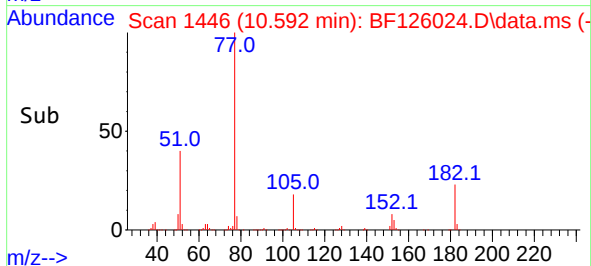


Tgt Ion: 77 Resp: 1474350
Ion Ratio Lower Upper
77 100
182 22.7 6.3 46.3
105 18.5 2.9 42.9
51 40.3 24.1 64.1

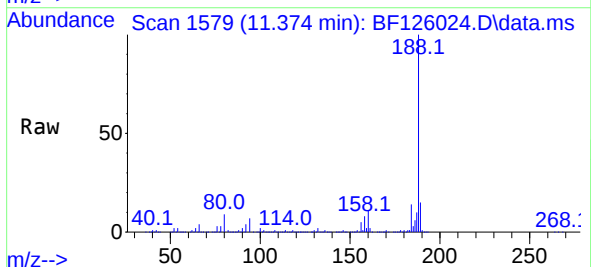
Manual Integrations

APPROVED

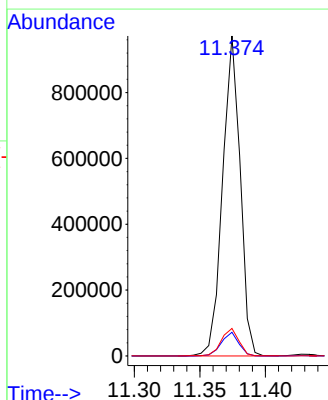
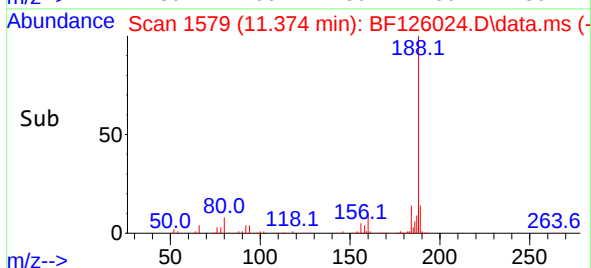
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

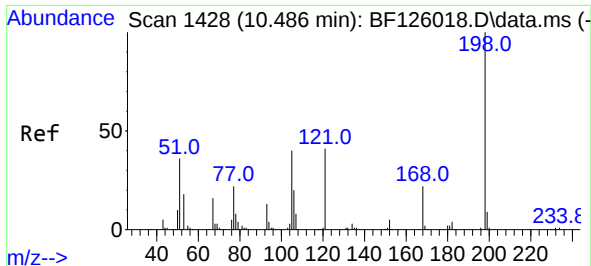


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.374 min Scan# 1579
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:188 Resp: 904782
Ion Ratio Lower Upper
188 100
94 7.4 6.7 10.1
80 8.6 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 37.49 ng
RT: 10.486 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

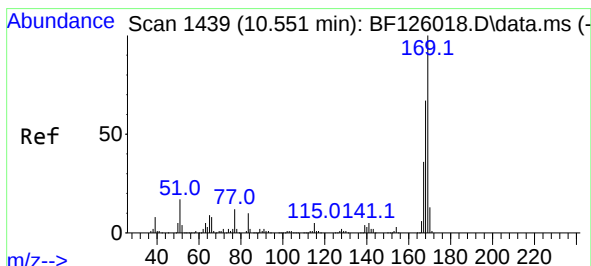
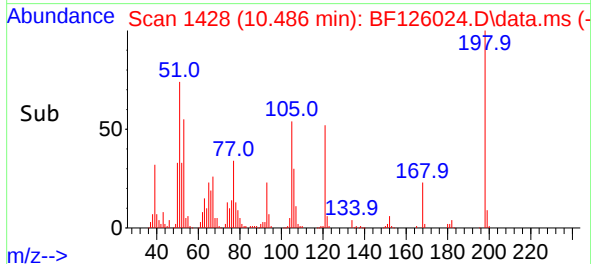
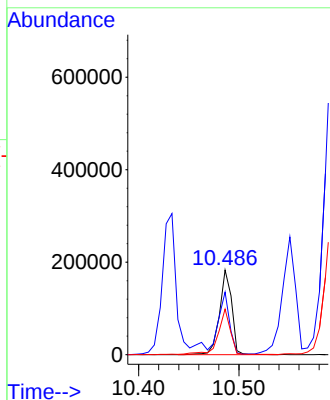
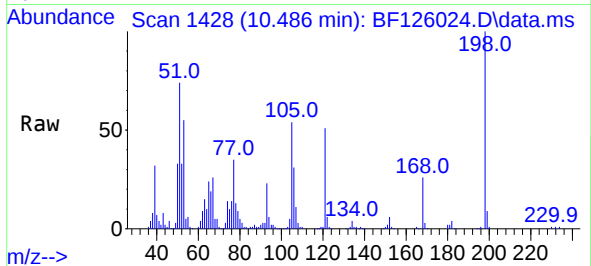
ClientSampleId :

PB140274BS

Tgt Ion:198 Resp: 15370
Ion Ratio Lower Upper
198 100
51 73.8 45.3 85.3
105 53.8 30.6 70.6

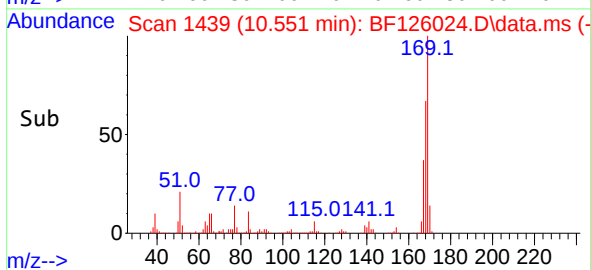
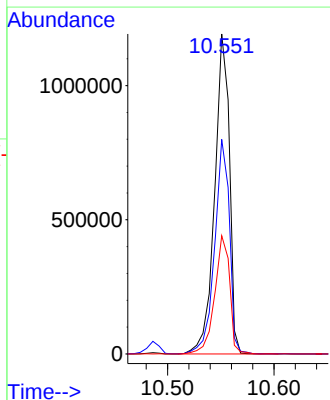
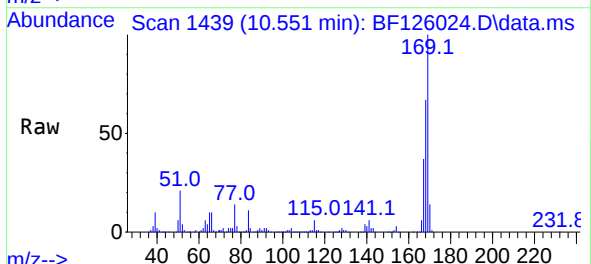
Manual Integrations
APPROVED

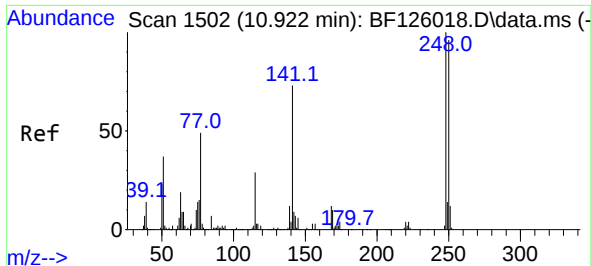
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#66
n-Nitrosodiphenylamine
Concen: 39.68 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:169 Resp: 1143174
Ion Ratio Lower Upper
169 100
168 67.0 50.8 76.2
167 36.9 28.8 43.2





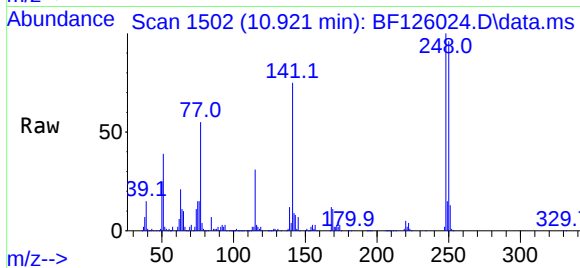
#67
4-Bromophenyl-phenylether
Concen: 40.04 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

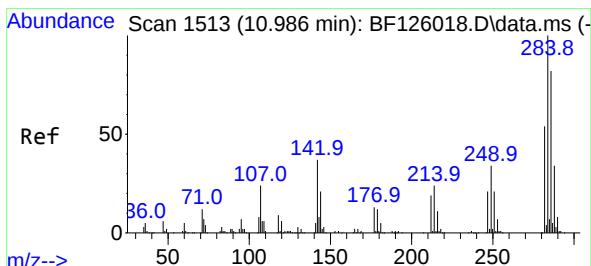
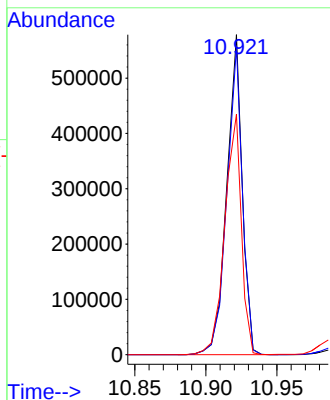
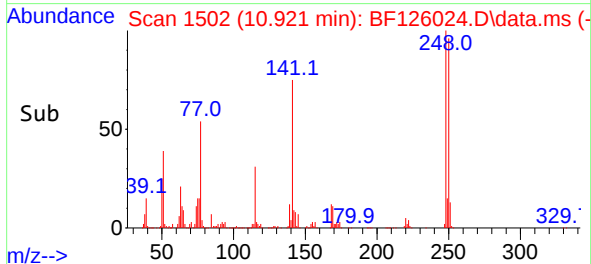
PB140274BS



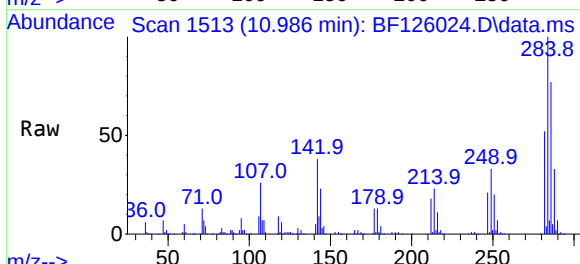
Tgt Ion:248 Resp: 438819
Ion Ratio Lower Upper
248 100
250 96.2 74.2 111.4
141 75.1 60.4 90.6

Manual Integrations
APPROVED

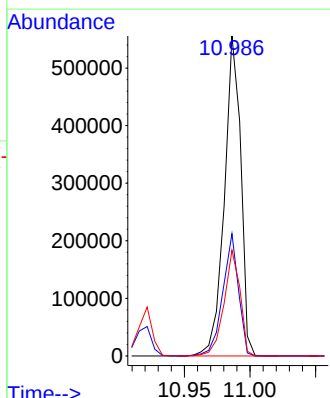
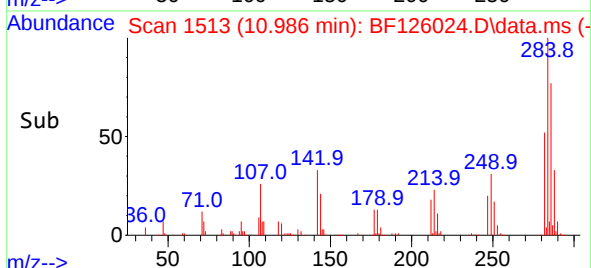
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

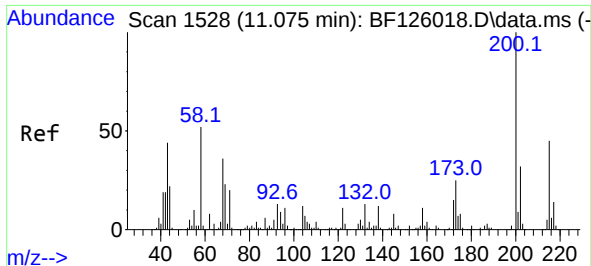


#68
Hexachlorobenzene
Concen: 42.07 ng
RT: 10.986 min Scan# 1513
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:284 Resp: 481634
Ion Ratio Lower Upper
284 100
142 38.2 36.4 54.6
249 33.1 25.6 38.4





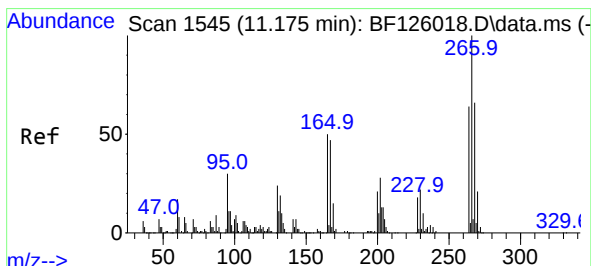
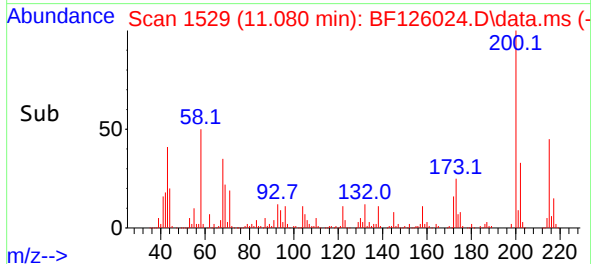
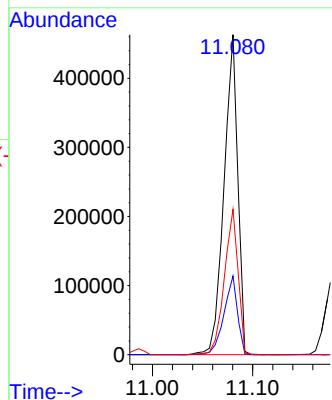
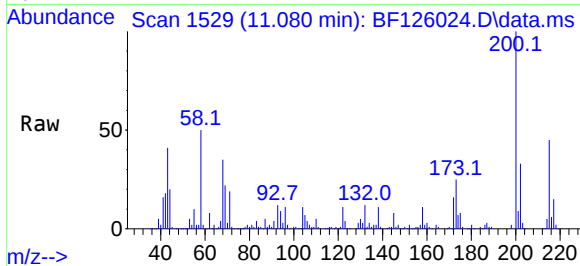
#69
Atrazine
Concen: 43.27 ng
RT: 11.080 min Scan# 1107
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :
BNA_F
ClientSampleId :
PB140274BS

Tgt Ion:200 Resp: 44101
Ion Ratio Lower Upper
200 100
173 24.6 11.1 51.1
215 45.5 22.7 62.7

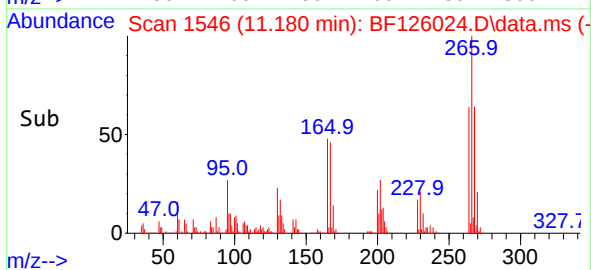
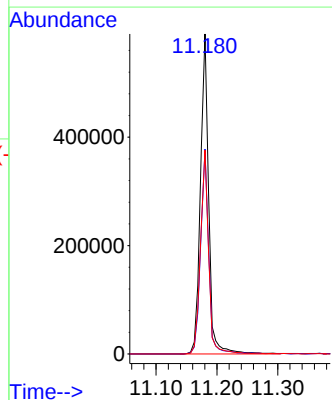
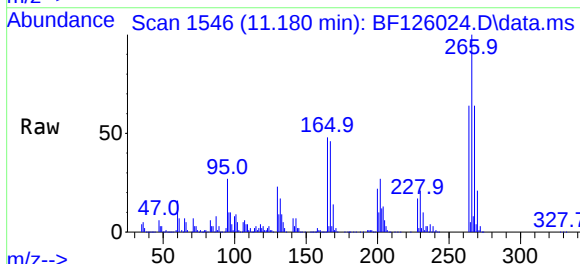
Manual Integrations
APPROVED

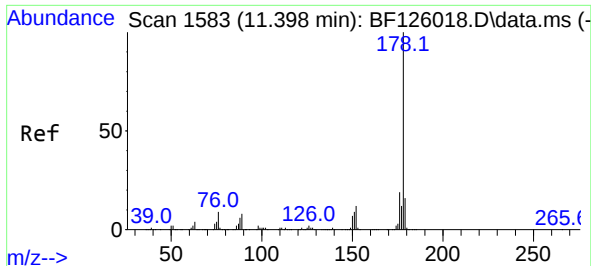
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#70
Pentachlorophenol
Concen: 89.81 ng
RT: 11.180 min Scan# 1546
Delta R.T. 0.005 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

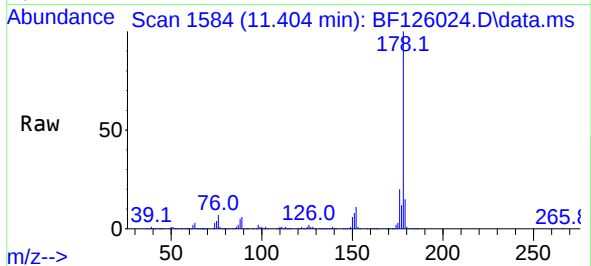
Tgt Ion:266 Resp: 554037
Ion Ratio Lower Upper
266 100
268 64.0 48.9 73.3
264 63.7 55.9 83.9





#71
Phenanthrene
Concen: 39.86 ng
RT: 11.404 min Scan# 1583
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

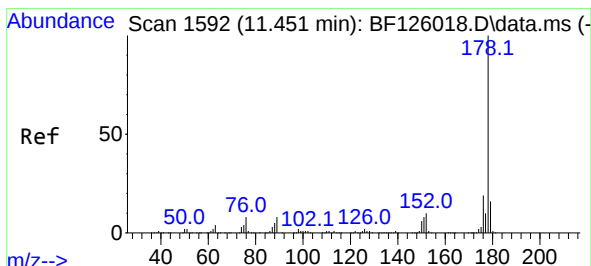
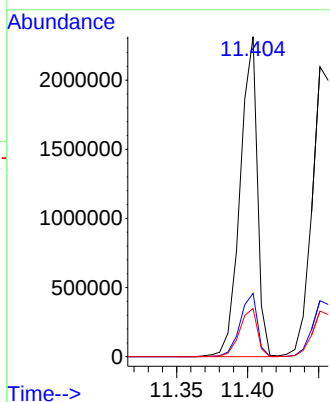
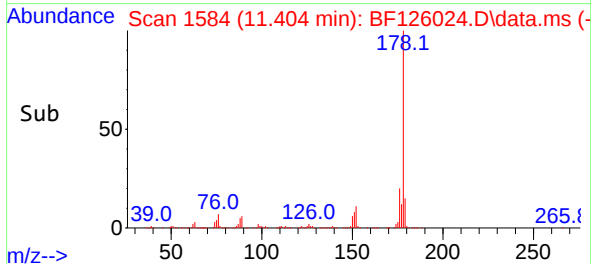
Instrument :
BNA_F
ClientSampleId :
PB140274BS



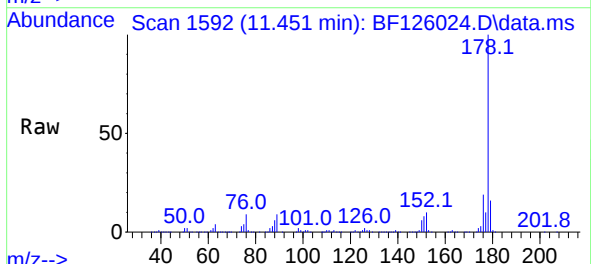
Tgt Ion:178 Resp: 1955998
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 15.1 11.5 17.3

Manual Integrations
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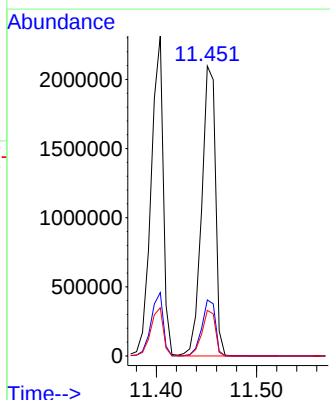
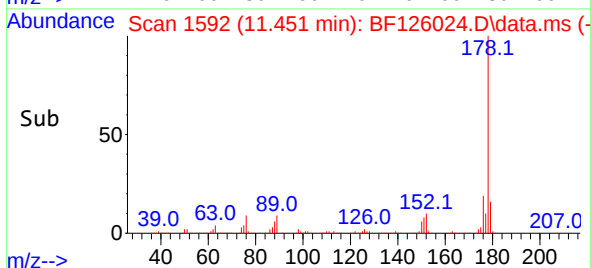
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

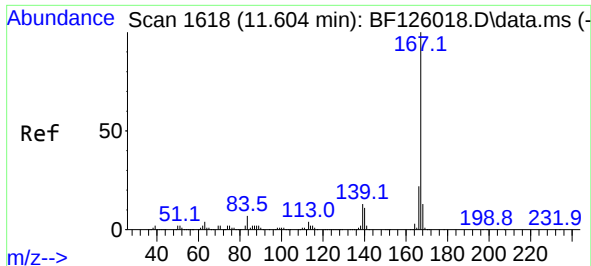


#72
Anthracene
Concen: 41.06 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:178 Resp: 2011360
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 15.7 12.2 18.4





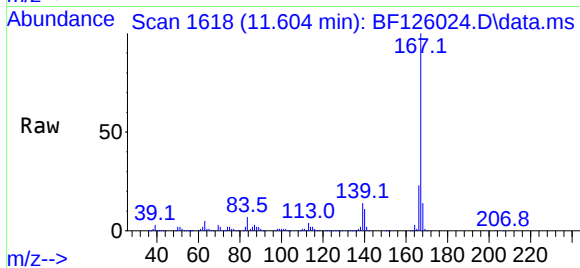
#73
 Carbazole
 Concen: 37.06 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. -0.000 min
 Lab File: BF126024.D
 Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

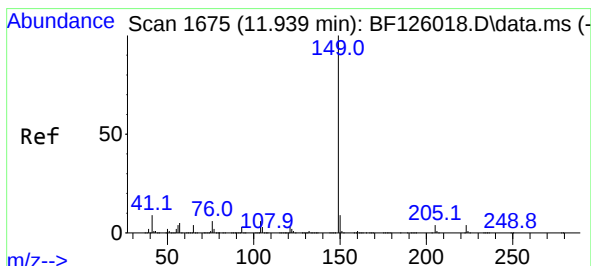
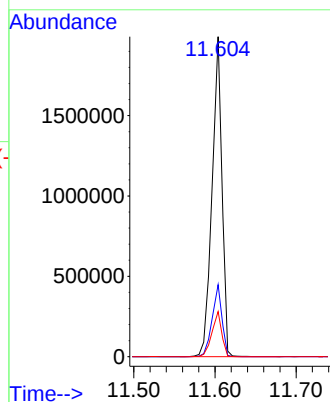
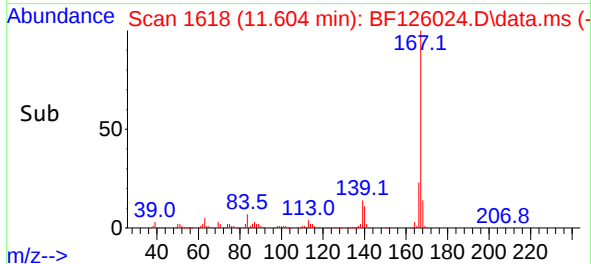


Tgt Ion:167 Resp: 168382
 Ion Ratio Lower Upper
 167 100
 166 22.5 17.4 26.0
 139 14.1 11.0 16.4

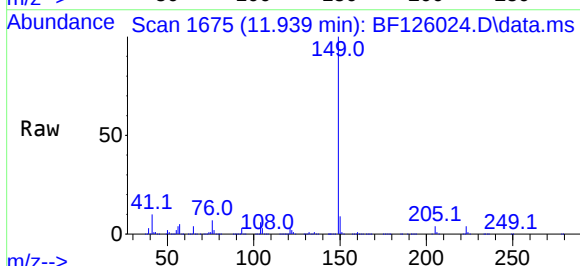
Manual Integrations

APPROVED

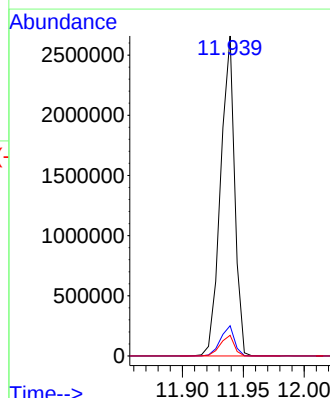
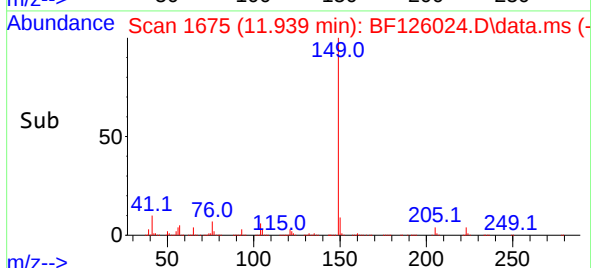
Reviewed By :Christian Giraldo 11/04/2021
 Supervised By :mohammad ahmed 11/08/2021

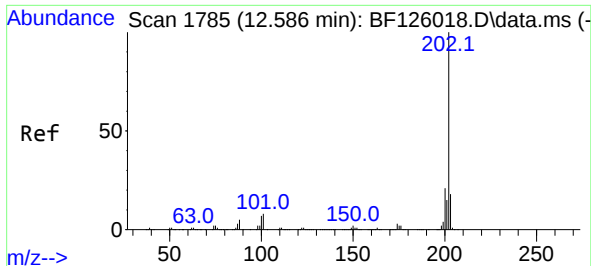


#74
 Di-n-butylphthalate
 Concen: 40.49 ng
 RT: 11.939 min Scan# 1675
 Delta R.T. 0.000 min
 Lab File: BF126024.D
 Acq: 3 Nov 2021 17:35



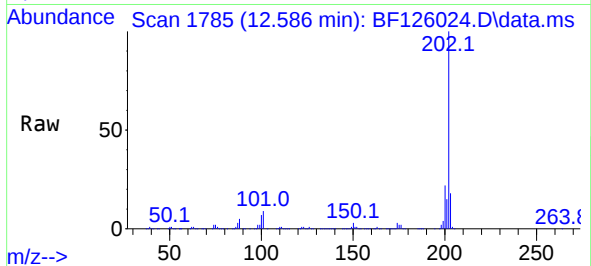
Tgt Ion:149 Resp: 2143267
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.4 11.2
 104 6.5 4.1 6.1#





#75
Fluoranthene
Concen: 40.40 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

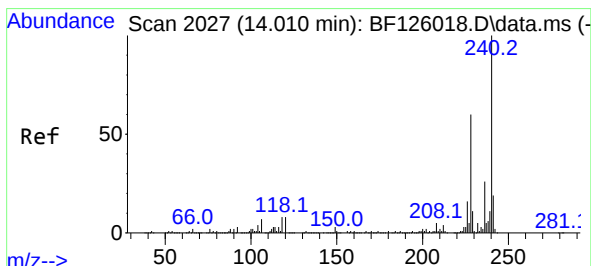
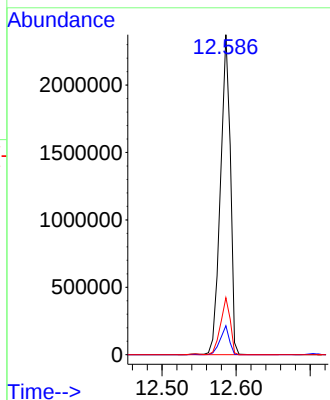
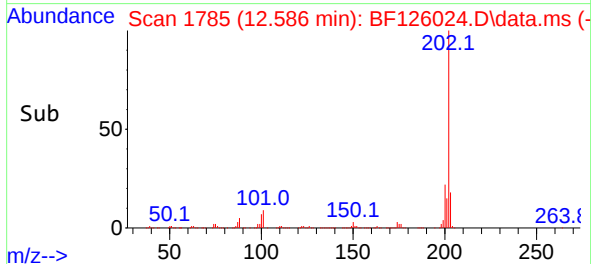
Instrument :
BNA_F
ClientSampleId :
PB140274BS



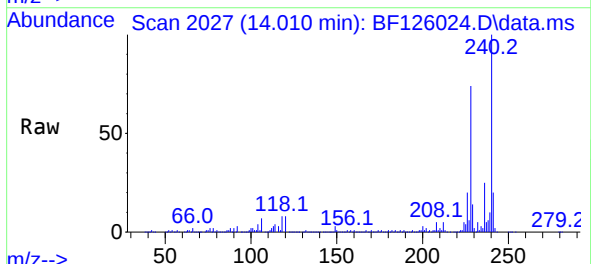
Tgt Ion:202 Resp: 220716
Ion Ratio Lower Upper
202 100
101 9.1 0.0 30.7
203 17.8 0.0 36.3

Manual Integrations
APPROVED

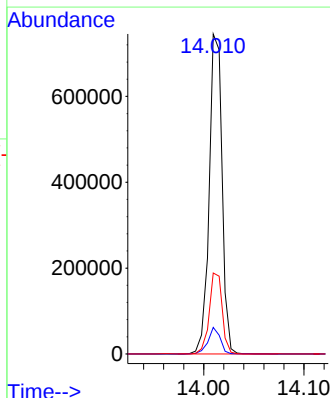
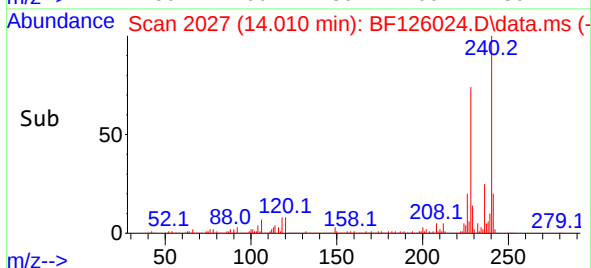
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

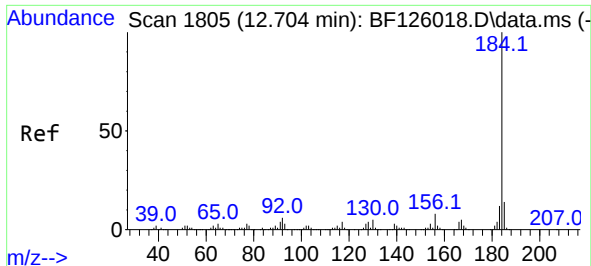


#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:240 Resp: 667191
Ion Ratio Lower Upper
240 100
120 8.3 10.8 16.2#
236 25.3 21.6 32.4





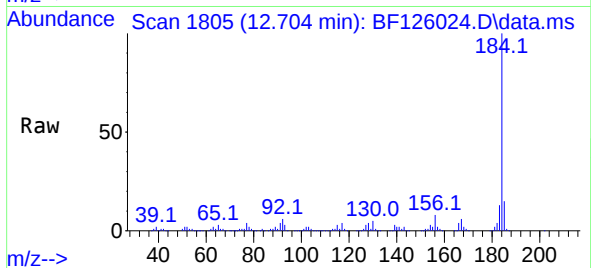
#77
Benzidine
Concen: 38.65 ng m
RT: 12.704 min Scan# 1805
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

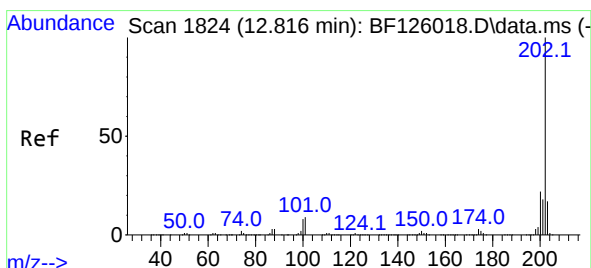
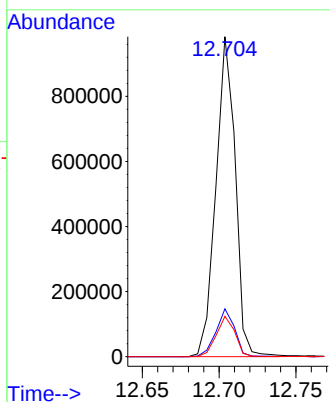
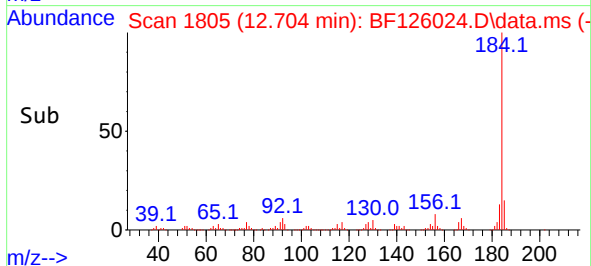


Tgt Ion:184 Resp: 862012
Ion Ratio Lower Upper
184 100
185 14.9 10.8 16.2
183 12.6 8.1 12.1

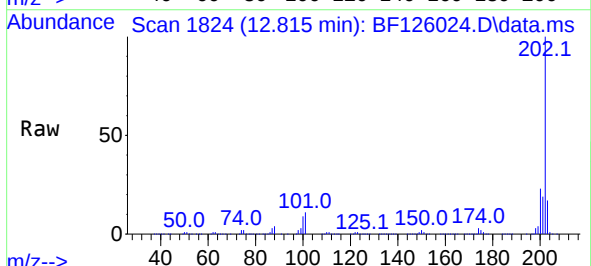
Manual Integrations

APPROVED

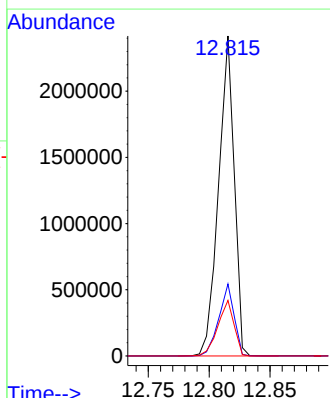
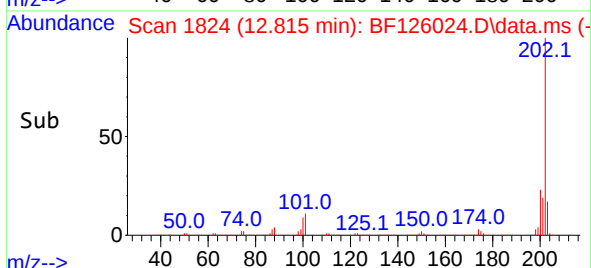
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

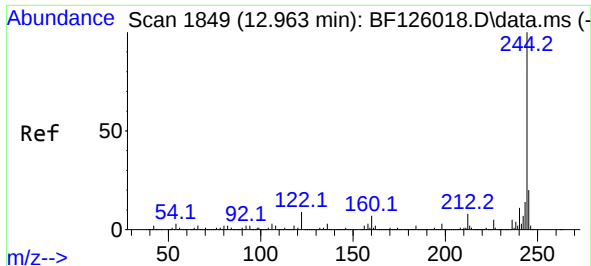


#78
Pyrene
Concen: 40.67 ng
RT: 12.815 min Scan# 1824
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:202 Resp: 2176080
Ion Ratio Lower Upper
202 100
200 22.5 15.3 22.9
203 17.4 13.4 20.0





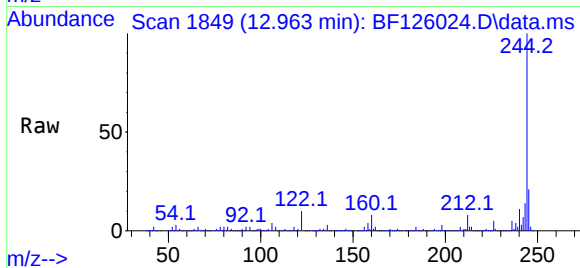
#79
 Terphenyl-d14
 Concen: 75.78 ng
 RT: 12.963 min Scan# 1849
 Delta R.T. -0.000 min
 Lab File: BF126024.D
 Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

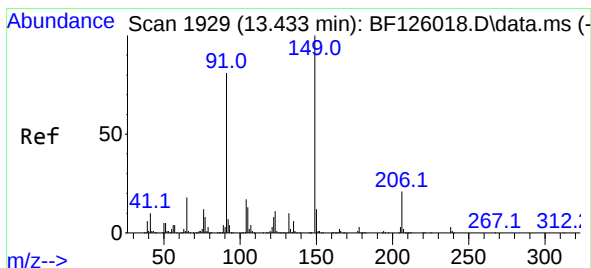
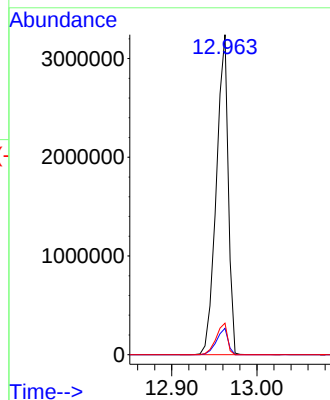
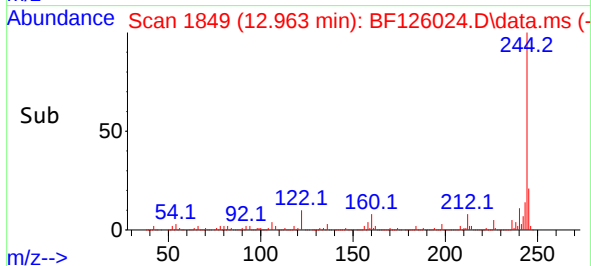


Tgt Ion:244 Resp: 3135320
 Ion Ratio Lower Upper
 244 100
 212 8.3 5.9 8.9
 122 9.8 9.0 13.4

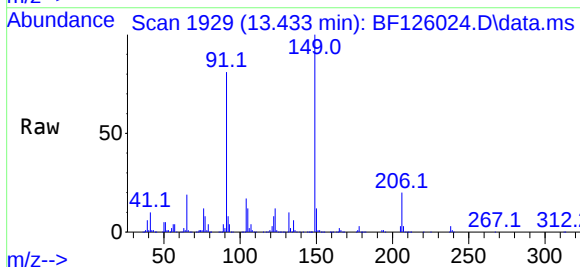
Manual Integrations

APPROVED

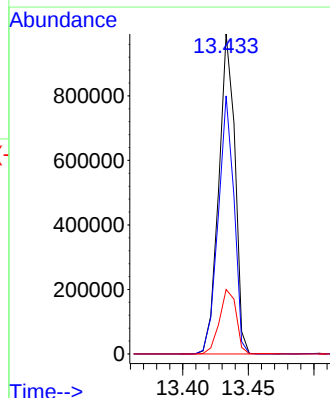
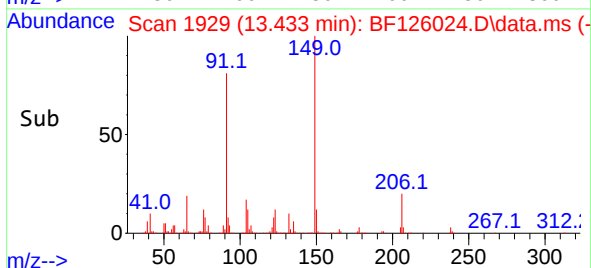
Reviewed By :Christian Giraldo 11/04/2021
 Supervised By :mohammad ahmed 11/08/2021

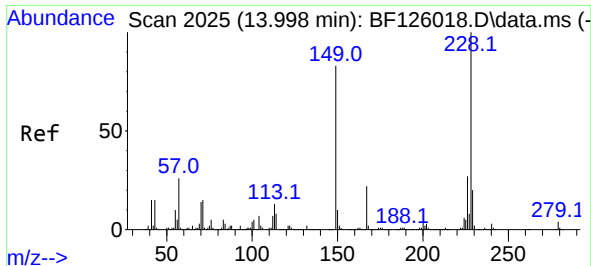


#80
 Butylbenzylphthalate
 Concen: 43.67 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF126024.D
 Acq: 3 Nov 2021 17:35



Tgt Ion:149 Resp: 851115
 Ion Ratio Lower Upper
 149 100
 91 80.6 51.8 77.8#
 206 20.1 14.5 21.7





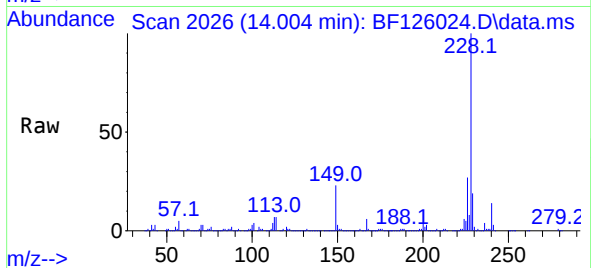
#81
Benzo(a)anthracene
Concen: 39.87 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

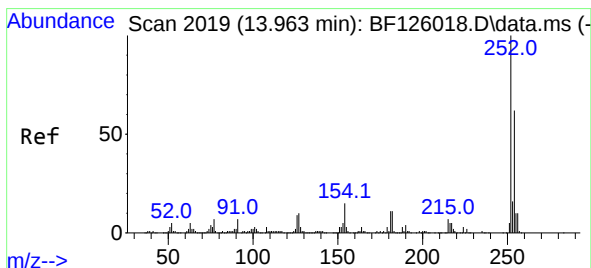
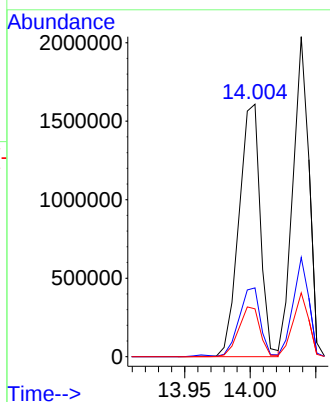
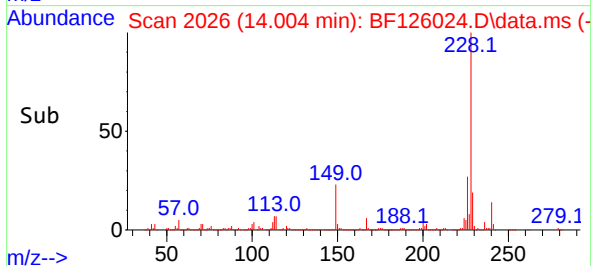


Tgt Ion:228 Resp: 1827529
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.0 15.6 23.4

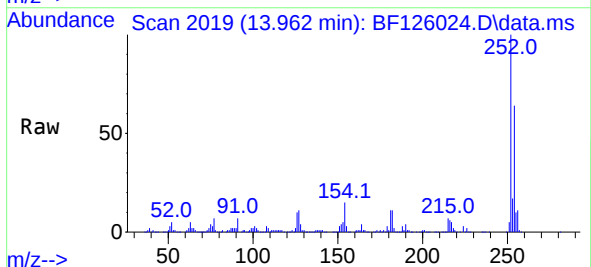
Manual Integrations

APPROVED

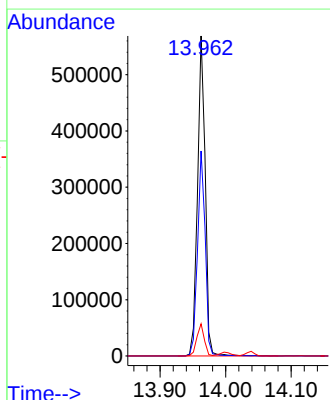
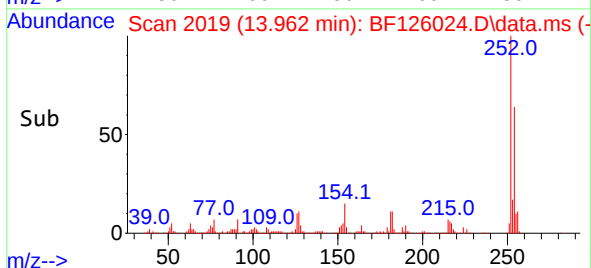
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

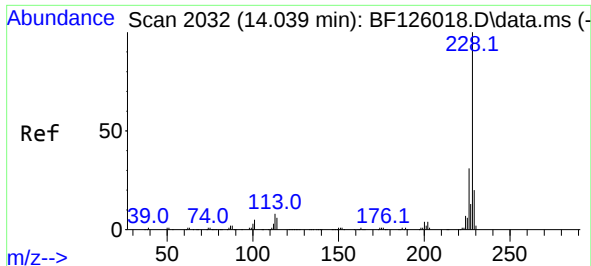


#82
3,3'-Dichlorobenzidine
Concen: 34.77 ng
RT: 13.962 min Scan# 2019
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:252 Resp: 465113
Ion Ratio Lower Upper
252 100
254 64.0 51.4 77.0
126 10.0 9.5 14.3





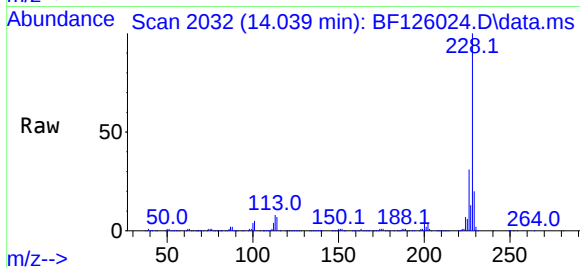
#83
Chrysene
Concen: 40.67 ng
RT: 14.039 min Scan# 2032
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

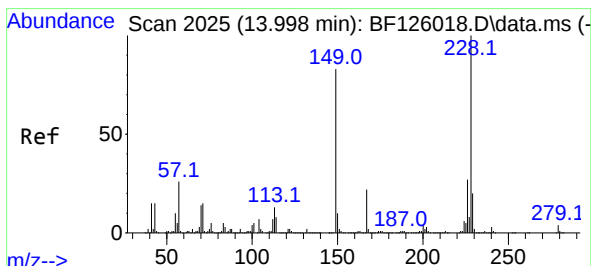
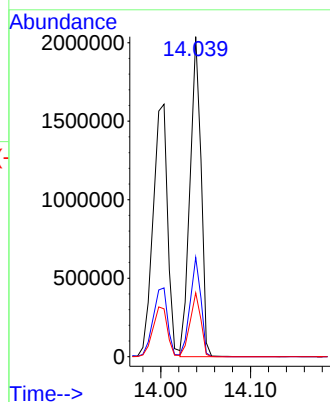
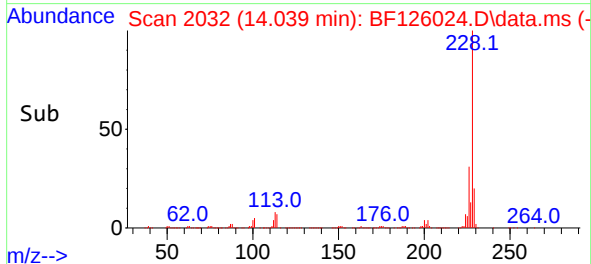


Tgt Ion:228 Resp: 1734692
Ion Ratio Lower Upper
228 100
226 31.0 22.6 34.0
229 19.9 15.9 23.9

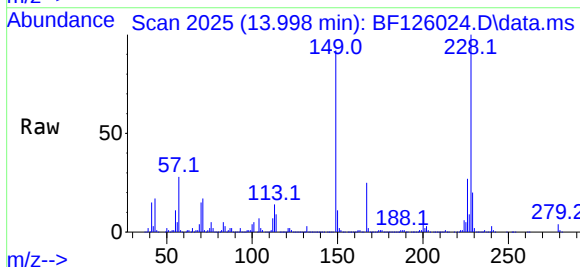
Manual Integrations

APPROVED

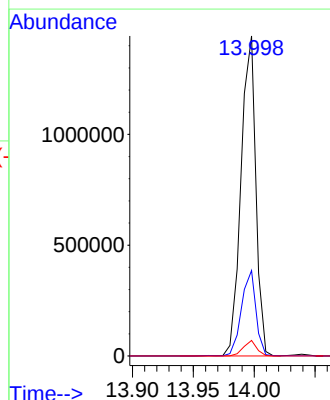
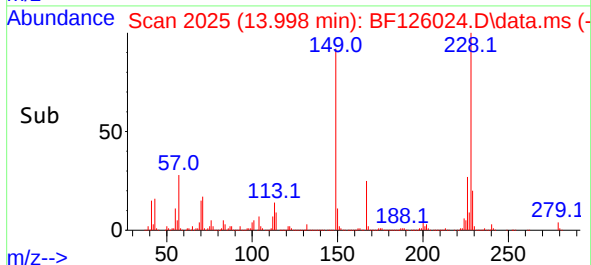
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

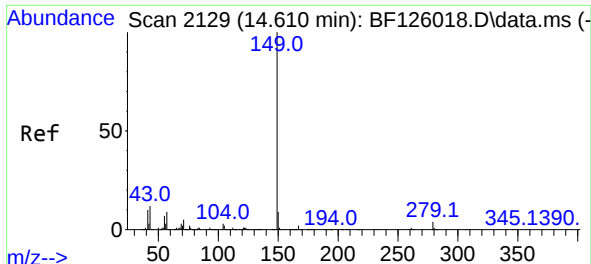


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.39 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:149 Resp: 1226046
Ion Ratio Lower Upper
149 100
167 26.7 21.4 32.0
279 4.8 2.6 4.0#





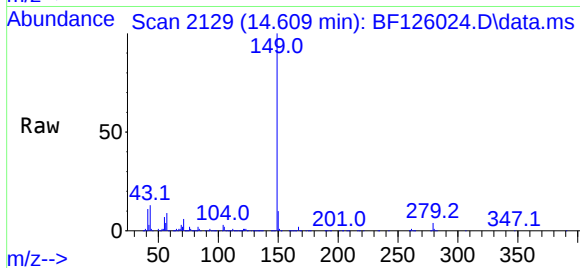
#85
Di-n-octyl phthalate
Concen: 46.44 ng
RT: 14.609 min Scan# 2129
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

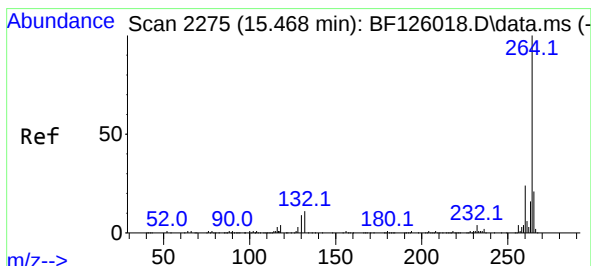
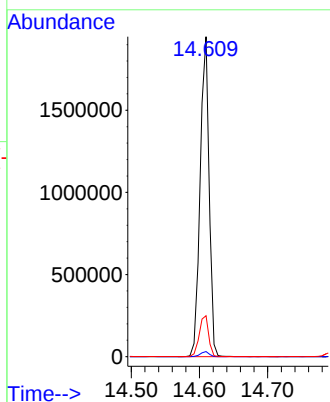
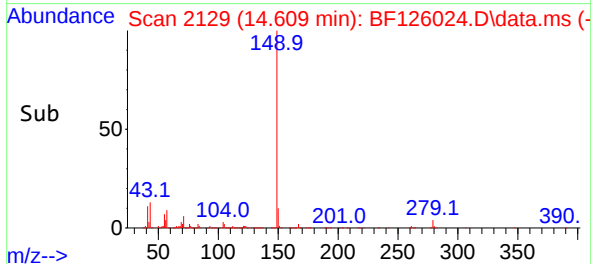


Tgt Ion:149 Resp: 178216
Ion Ratio Lower Upper
149 100
167 1.6 1.0 1.6
43 13.3 9.9 14.9

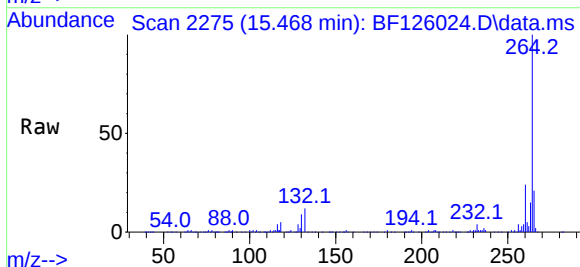
Manual Integrations

APPROVED

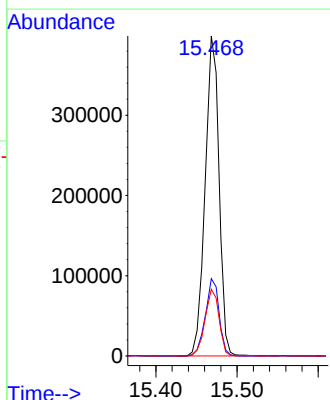
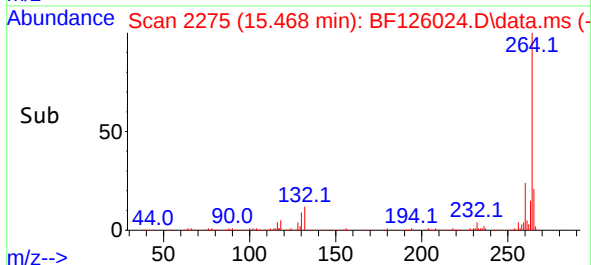
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021

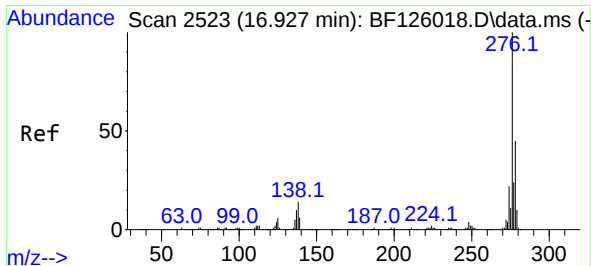


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.468 min Scan# 2275
Delta R.T. 0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35



Tgt Ion:264 Resp: 472632
Ion Ratio Lower Upper
264 100
260 24.2 19.6 29.4
265 20.9 17.2 25.8





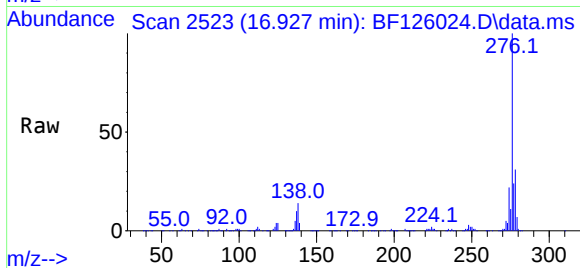
#87
Indeno(1,2,3-cd)pyrene
Concen: 42.98 ng
RT: 16.927 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

PB140274BS

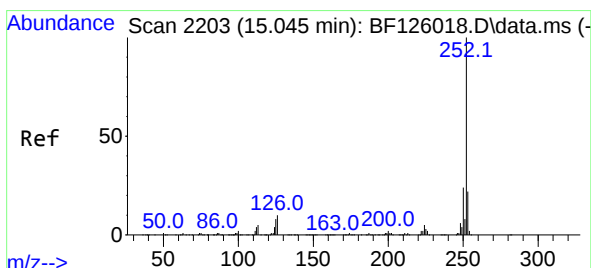
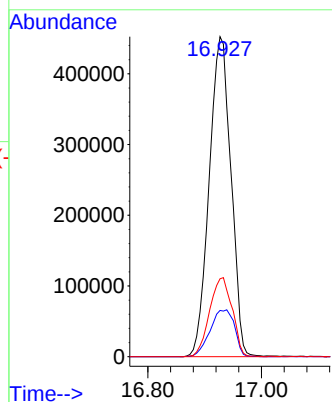
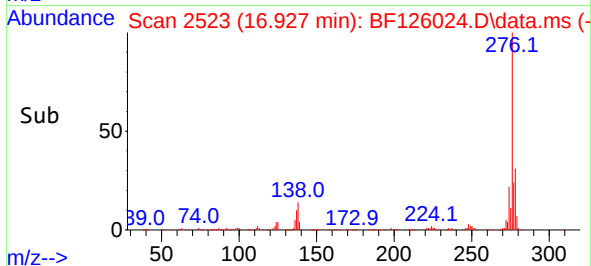


Tgt Ion:276 Resp: 1202298
Ion Ratio Lower Upper
276 100
138 16.5 24.1 36.1
277 25.7 18.8 28.2

Manual Integrations

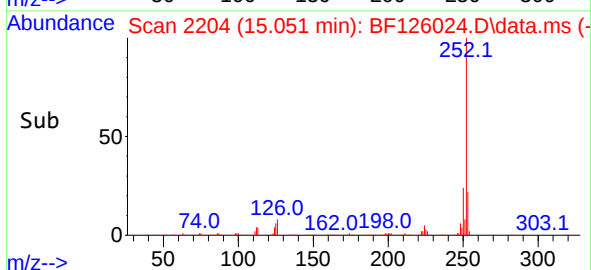
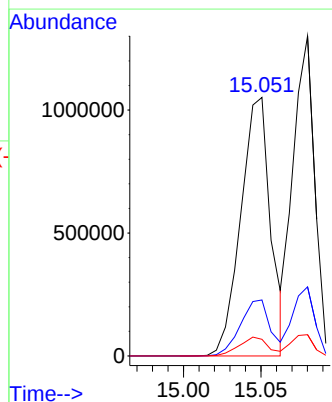
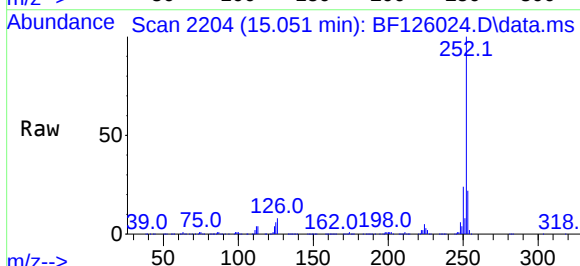
APPROVED

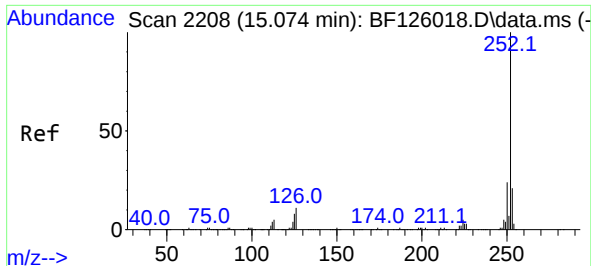
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#88
Benzo(b)fluoranthene
Concen: 45.77 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:252 Resp: 1407194
Ion Ratio Lower Upper
252 100
253 21.7 16.8 25.2
125 6.4 9.8 14.8#





#89
Benzo(k)fluoranthene
Concen: 42.17 ng
RT: 15.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

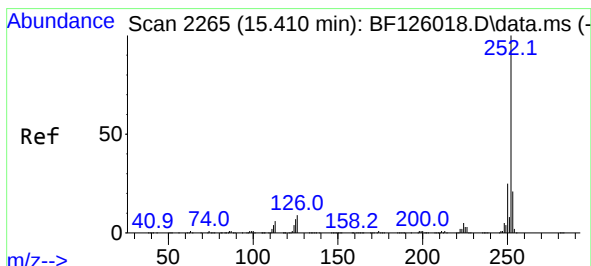
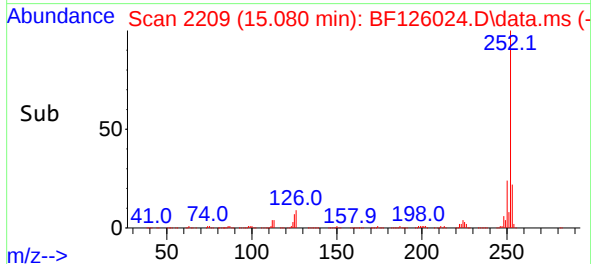
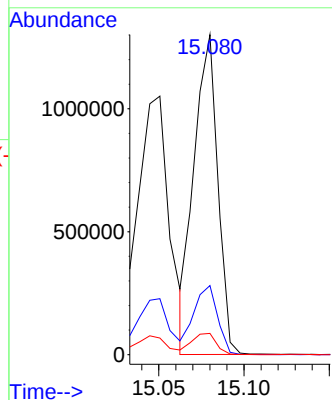
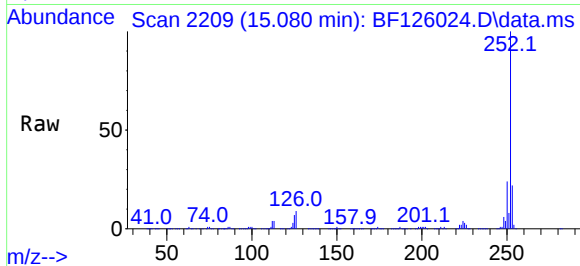
PB140274BS

Tgt Ion:252 Resp: 125752
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.8
125 6.7 7.2 10.8

Manual Integrations

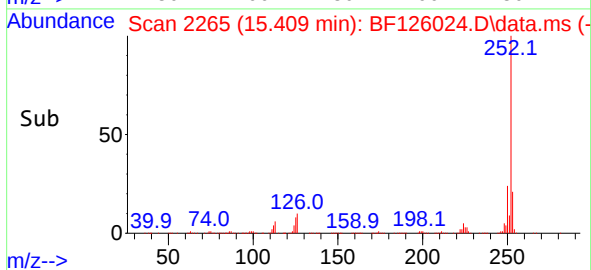
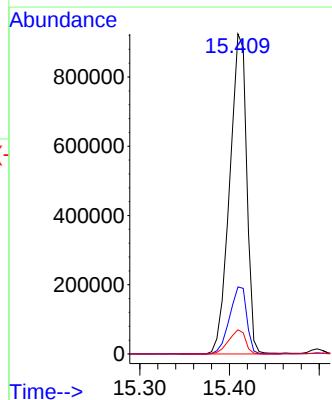
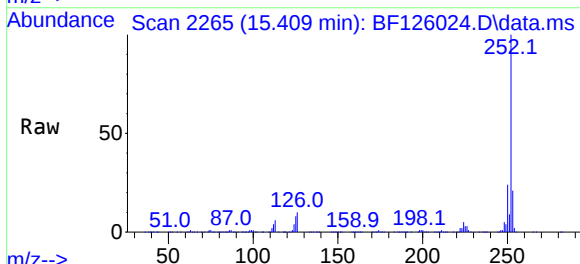
APPROVED

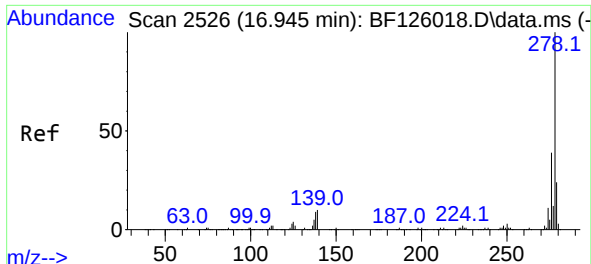
Reviewed By :Christian Giraldo 11/04/2021
Supervised By :mohammad ahmed 11/08/2021



#90
Benzo(a)pyrene
Concen: 50.33 ng
RT: 15.409 min Scan# 2265
Delta R.T. -0.001 min
Lab File: BF126024.D
Acq: 3 Nov 2021 17:35

Tgt Ion:252 Resp: 1219016
Ion Ratio Lower Upper
252 100
253 20.9 18.4 27.6
125 7.6 9.9 14.9





#91
 Dibenzo(a,h)anthracene
 Concen: 44.14 ng
 RT: 16.951 min Scan# 2527
 Delta R.T. 0.006 min
 Lab File: BF126024.D
 Acq: 3 Nov 2021 17:35

Instrument :

BNA_F

ClientSampleId :

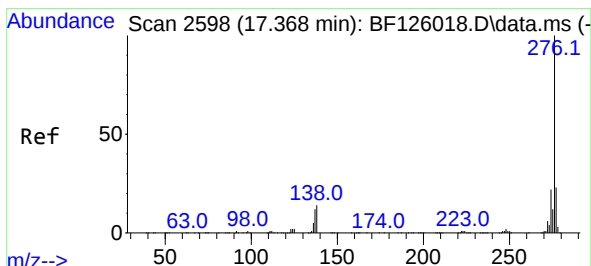
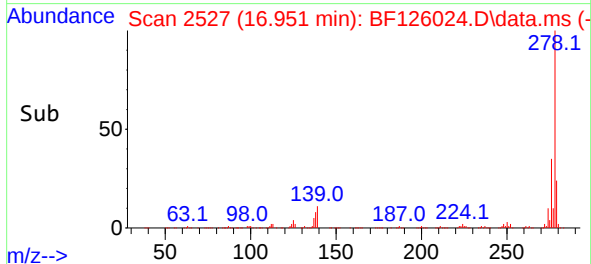
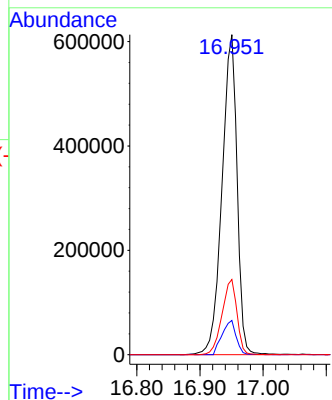
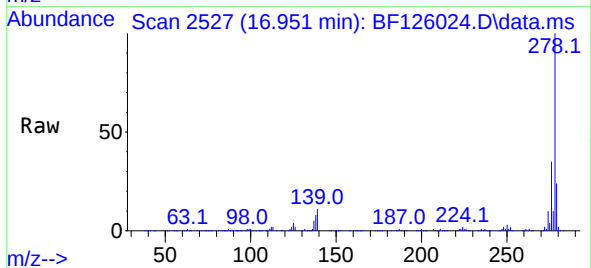
PB140274BS

Tgt Ion:278 Resp: 1014302
 Ion Ratio Lower Upper
 278 100
 139 10.7 14.9 22.3
 279 23.5 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/04/2021
 Supervised By :mohammad ahmed 11/08/2021



#92
 Benzo(g,h,i)perylene
 Concen: 44.50 ng
 RT: 17.374 min Scan# 2599
 Delta R.T. 0.006 min
 Lab File: BF126024.D
 Acq: 3 Nov 2021 17:35

Tgt Ion:276 Resp: 980669
 Ion Ratio Lower Upper
 276 100
 277 22.1 22.0 33.0
 138 12.1 22.2 33.4

