

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102722\
 Data File : BF130812.D
 Acq On : 27 Oct 2022 22:54
 Operator : CG\JU
 Sample : PB148576BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148576BS

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

Quant Time: Oct 28 04:54:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 04:00:21 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	107155	20.000	ng	0.00
21) Naphthalene-d8	8.239	136	431520	20.000	ng	0.00
39) Acenaphthene-d10	10.004	164	246055	20.000	ng	0.00
64) Phenanthrene-d10	11.498	188	461684	20.000	ng	0.00
76) Chrysene-d12	14.145	240	272317	20.000	ng	0.00
86) Perylene-d12	15.656	264	203348	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.581	112	820845	132.801	ng	0.02
7) Phenol-d6	6.575	99	1055064	131.354	ng	0.00
23) Nitrobenzene-d5	7.522	82	672139	93.922	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	295347	142.591	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1244498	76.468	ng	0.00
79) Terphenyl-d14	13.086	244	1391447	93.632	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.863	88	99048	35.741	ng	93
3) Pyridine	3.616	79	272263	35.076	ng	99
4) n-Nitrosodimethylamine	3.581	42	195921	44.962	ng	96
6) Aniline	6.616	93	418546m	42.141	ng	
8) 2-Chlorophenol	6.739	128	314070	45.613	ng	99
9) Benzaldehyde	6.510	77	195203	37.971	ng	97
10) Phenol	6.587	94	371021	42.924	ng	96
11) bis(2-Chloroethyl)ether	6.692	93	298369	44.281	ng	95
12) 1,3-Dichlorobenzene	6.898	146	335741	43.031	ng	99
13) 1,4-Dichlorobenzene	6.975	146	338118	42.693	ng	100
14) 1,2-Dichlorobenzene	7.128	146	323763	44.141	ng	99
15) Benzyl Alcohol	7.092	79	294558m	43.127	ng	
16) 2,2'-oxybis(1-Chloropr...	7.228	45	545962	45.457	ng	99
17) 2-Methylphenol	7.198	107	261877	44.498	ng	99
18) Hexachloroethane	7.469	117	126275	44.116	ng	98
19) n-Nitroso-di-n-propyla...	7.369	70	234355	42.883	ng	98
20) 3+4-Methylphenols	7.351	107	323292	42.250	ng	95
22) Acetophenone	7.369	105	446443	42.671	ng	98
24) Nitrobenzene	7.539	77	348815	44.575	ng	99
25) Isophorone	7.781	82	657246	44.537	ng	99
26) 2-Nitrophenol	7.857	139	139160	45.350	ng	98
27) 2,4-Dimethylphenol	7.886	122	286219	46.603	ng	98
28) bis(2-Chloroethoxy)met...	7.986	93	375848	45.603	ng	99
29) 2,4-Dichlorophenol	8.092	162	269074	42.588	ng	96
30) 1,2,4-Trichlorobenzene	8.181	180	272890	40.167	ng	97
31) Naphthalene	8.263	128	893519	39.687	ng	100
32) Benzoic acid	8.004	122	185191	43.319	ng	95
33) 4-Chloroaniline	8.310	127	296948	33.378	ng	98
34) Hexachlorobutadiene	8.375	225	186480	41.349	ng	98
35) Caprolactam	8.680	113	87853m	43.392	ng	
36) 4-Chloro-3-methylphenol	8.786	107	294143	42.920	ng	99
37) 2-Methylnaphthalene	8.957	142	573868	40.523	ng	99
38) 1-Methylnaphthalene	9.057	142	542606	39.371	ng	100
40) 1,2,4,5-Tetrachloroben...	9.122	216	281942	40.406	ng	98
41) Hexachlorocyclopentadiene	9.110	237	377803	103.049	ng	99
43) 2,4,6-Trichlorophenol	9.228	196	198180	40.874	ng	99

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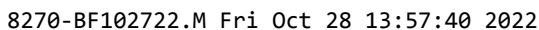
Quant Time: Oct 28 04:54:20 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF102722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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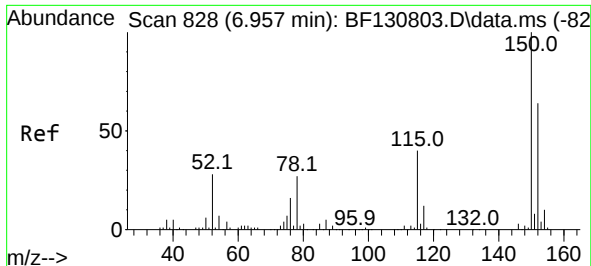
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	212753	41.071	ng	95
46) 1,1'-Biphenyl	9.422	154	711089	40.564	ng	100
47) 2-Chloronaphthalene	9.445	162	553264	39.359	ng	99
48) 2-Nitroaniline	9.539	65	191470	42.848	ng	98
49) Acenaphthylene	9.869	152	873478	39.322	ng	99
50) Dimethylphthalate	9.722	163	676840	40.049	ng	99
51) 2,6-Dinitrotoluene	9.786	165	141089	44.153	ng	85
52) Acenaphthene	10.039	154	593596	43.216	ng	99
53) 3-Nitroaniline	9.951	138	124533	37.831	ng	95
54) 2,4-Dinitrophenol	10.057	184	127819	82.045	ng	92
55) Dibenzofuran	10.210	168	790499	39.705	ng	100
56) 4-Nitrophenol	10.104	139	242171	92.912	ng	98
57) 2,4-Dinitrotoluene	10.186	165	184215	45.820	ng	# 87
58) Fluorene	10.557	166	610316	38.931	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.322	232	174084	40.762	ng	99
60) Diethylphthalate	10.427	149	678427	40.817	ng	99
61) 4-Chlorophenyl-phenylether	10.545	204	303220	40.431	ng	97
62) 4-Nitroaniline	10.574	138	150965	45.290	ng	99
63) Azobenzene	10.704	77	704187	40.586	ng	99
65) 4,6-Dinitro-2-methylphthalate	10.598	198	80987	42.968	ng	83
66) n-Nitrosodiphenylamine	10.663	169	582262	40.433	ng	100
67) 4-Bromophenyl-phenylether	11.039	248	195832	42.178	ng	95
68) Hexachlorobenzene	11.098	284	211430	41.331	ng	98
69) Atrazine	11.192	200	205851	49.498	ng	98
70) Pentachlorophenol	11.292	266	244473	83.750	ng	97
71) Phenanthrene	11.521	178	922147	38.698	ng	99
72) Anthracene	11.574	178	952763	40.537	ng	99
73) Carbazole	11.727	167	843478	40.074	ng	100
74) Di-n-butylphthalate	12.051	149	1047325	40.971	ng	100
75) Fluoranthene	12.710	202	986242	38.954	ng	100
77) Benzidine	12.833	184	535849	81.061	ng	99
78) Pyrene	12.945	202	992798	43.212	ng	99
80) Butylbenzylphthalate	13.557	149	372553	45.072	ng	99
81) Benzo(a)anthracene	14.133	228	730915	40.484	ng	99
82) 3,3'-Dichlorobenzidine	14.092	252	190713	39.138	ng	95
83) Chrysene	14.168	228	690078	39.625	ng	99
84) Bis(2-ethylhexyl)phthalate	14.115	149	451698	45.450	ng	99
85) Di-n-octyl phthalate	14.739	149	621606	45.319	ng	98
87) Indeno(1,2,3-cd)pyrene	17.215	276	643763	47.673	ng	99
88) Benzo(b)fluoranthene	15.209	252	552333	42.018	ng	99
89) Benzo(k)fluoranthene	15.239	252	555268	43.350	ng	99
90) Benzo(a)pyrene	15.598	252	489035	46.279	ng	99
91) Dibenzo(a,h)anthracene	17.239	278	557896	50.679	ng	99
92) Benzo(g,h,i)perylene	17.692	276	579385	51.589	ng	99

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

Manual Integrations

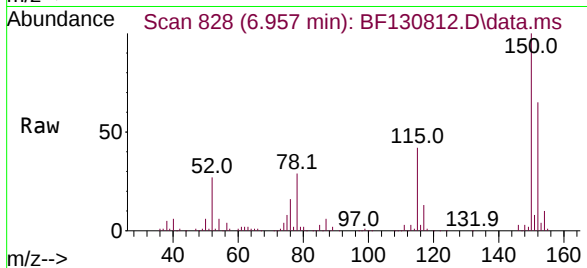
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

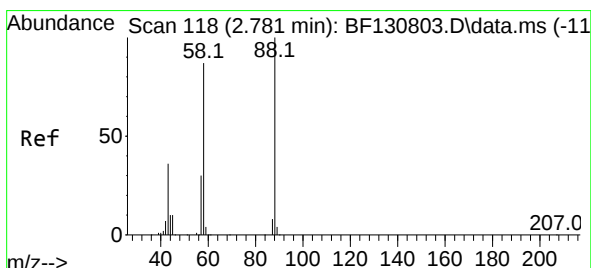
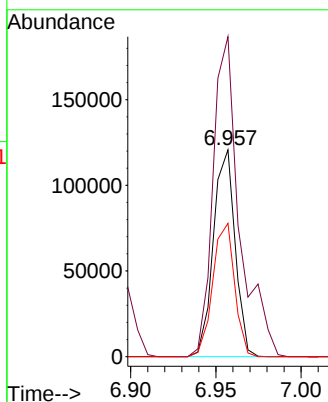
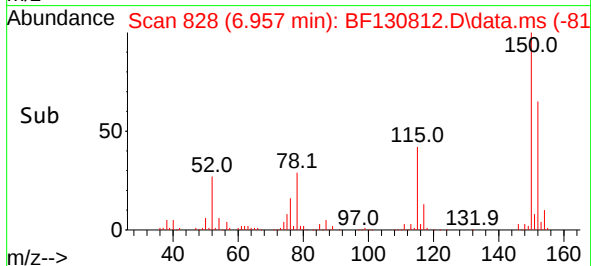
Instrument :
 BNA_F
 ClientSampleId :
 PB148576BS



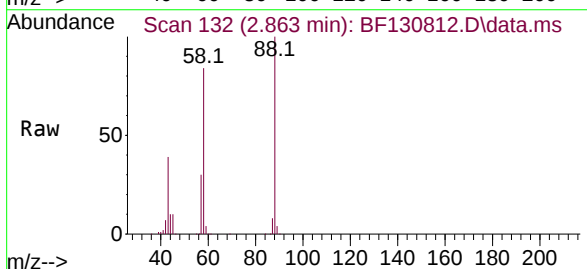
Tgt Ion:152 Resp: 10715
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.1 186.1
 115 64.4 50.1 75.1

Manual Integrations
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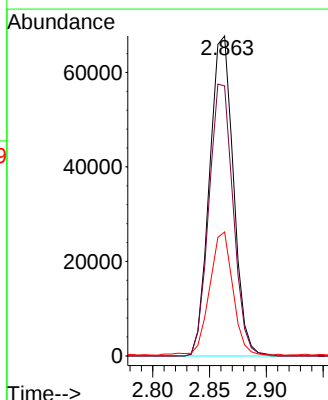
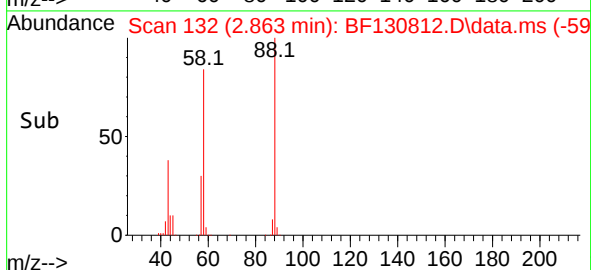
Reviewed By :Christian Giraldo 10/28/2022
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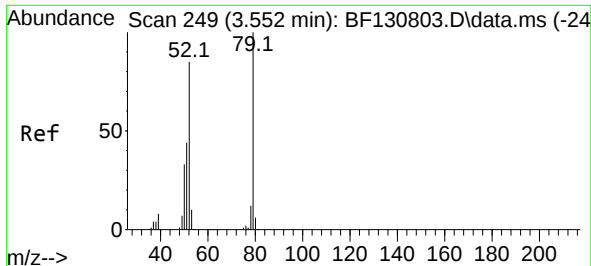


#2
 1,4-Dioxane
 Concen: 35.741 ng
 RT: 2.863 min Scan# 132
 Delta R.T. 0.082 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54



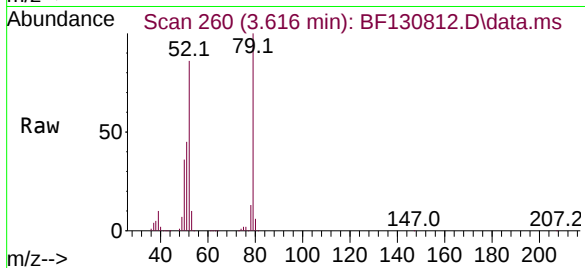
Tgt Ion: 88 Resp: 99048
 Ion Ratio Lower Upper
 88 100
 58 86.3 64.7 97.1
 43 37.6 26.5 39.7





#3
Pyridine
Concen: 35.076 ng
RT: 3.616 min Scan# 20
Delta R.T. 0.065 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

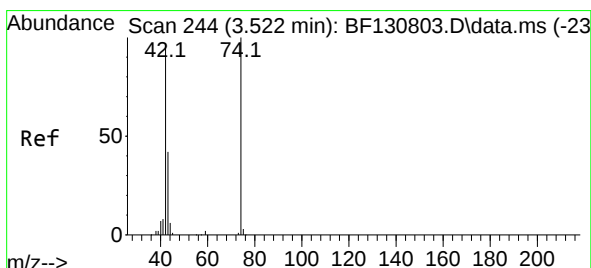
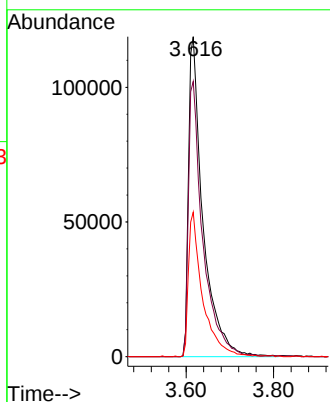
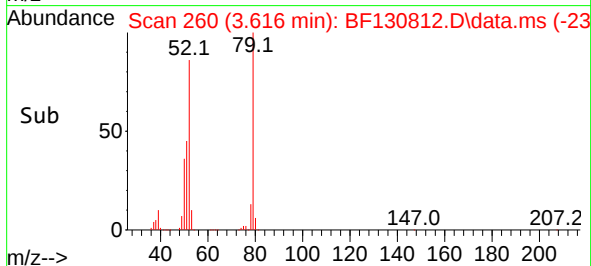
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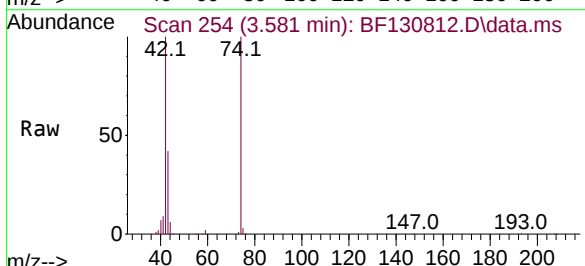
Tgt Ion: 79 Resp: 272263
Ion Ratio Lower Upper
79 100
52 86.0 68.2 102.4
51 45.1 35.2 52.8

Manual Integrations
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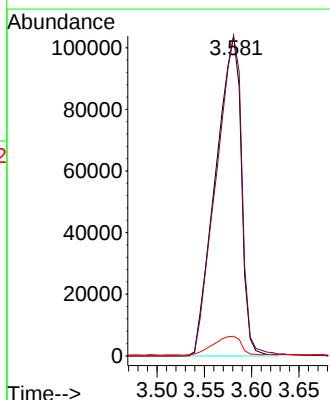
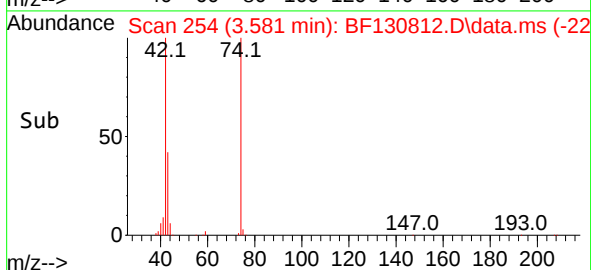
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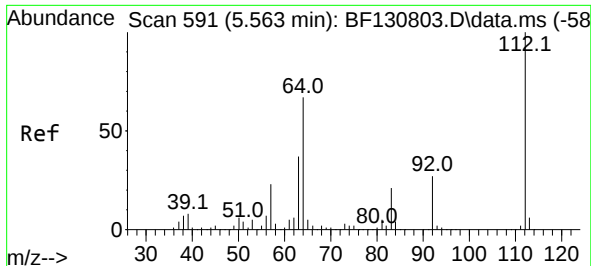


#4
n-Nitrosodimethylamine
Concen: 44.962 ng
RT: 3.581 min Scan# 254
Delta R.T. 0.059 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion: 42 Resp: 195921
Ion Ratio Lower Upper
42 100
74 99.8 82.8 124.2
44 6.1 6.0 9.0





#5
2-Fluorophenol
Concen: 132.801 ng
RT: 5.581 min Scan# 591
Delta R.T. 0.018 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

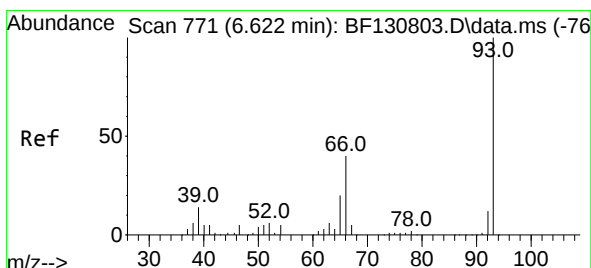
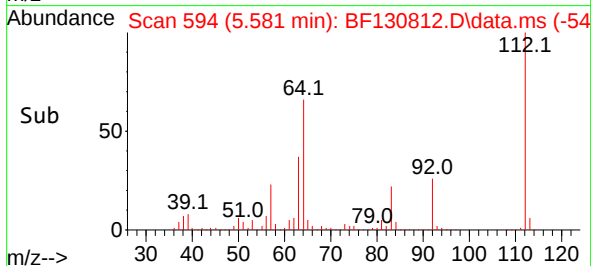
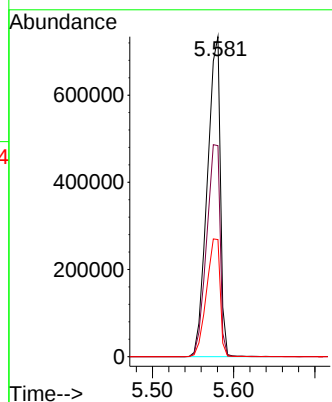
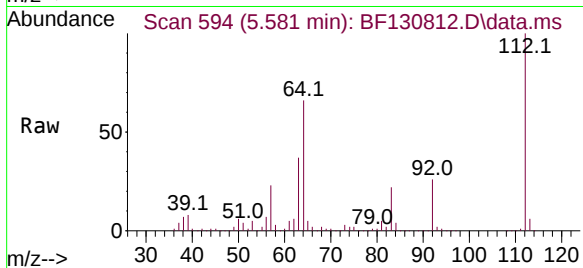
ClientSampleId :

PB148576BS

Tgt Ion:112 Resp: 820845
Ion Ratio Lower Upper
112 100
64 65.9 53.9 80.9
63 36.6 29.4 44.2

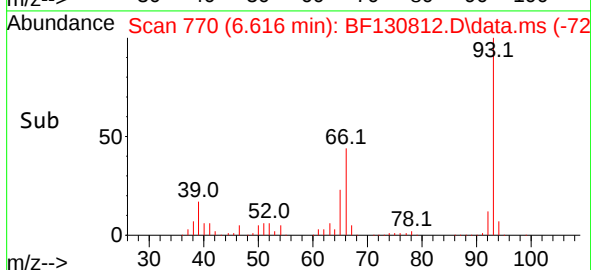
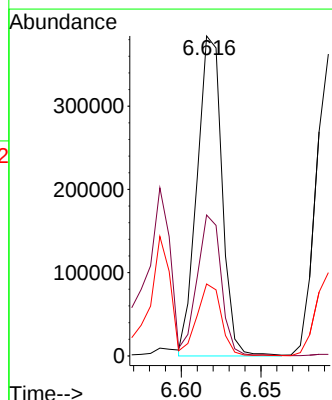
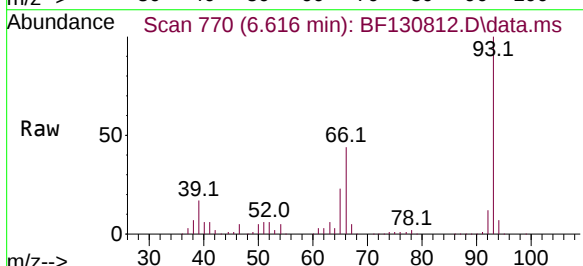
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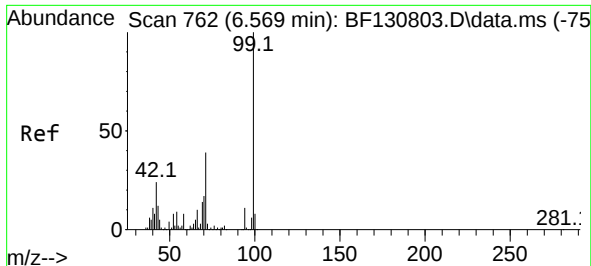
Reviewed By :Christian Giraldo 10/28/2022
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#6
Aniline
Concen: 42.141 ng m
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

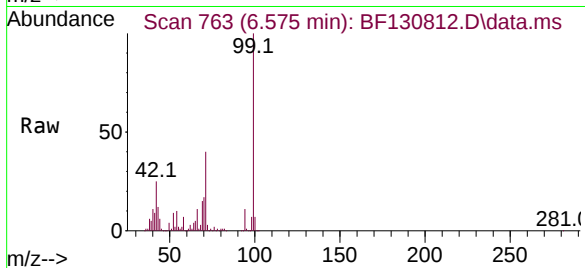
Tgt Ion: 93 Resp: 418546
Ion Ratio Lower Upper
93 100
66 44.0 33.8 50.8
65 22.5 17.2 25.8





#7
Phenol-d6
Concen: 131.354 ng
RT: 6.575 min Scan# 762
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

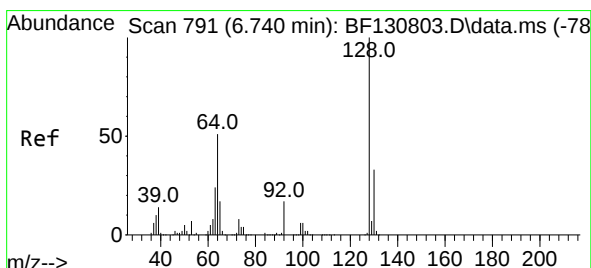
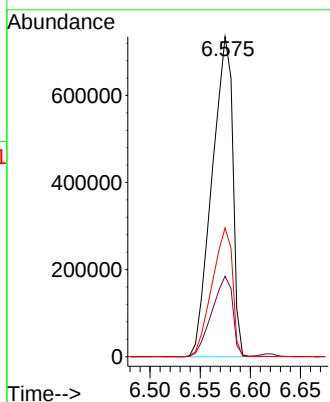
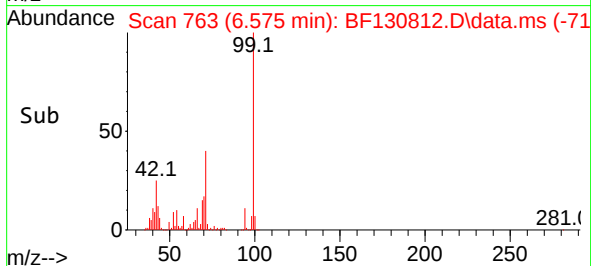
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Tgt Ion: 99 Resp: 1055064
Ion Ratio Lower Upper
99 100
42 25.1 18.8 28.2
71 40.2 31.4 47.0

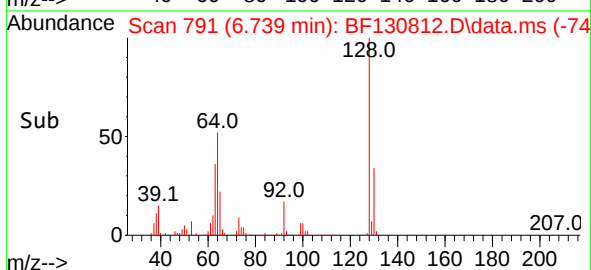
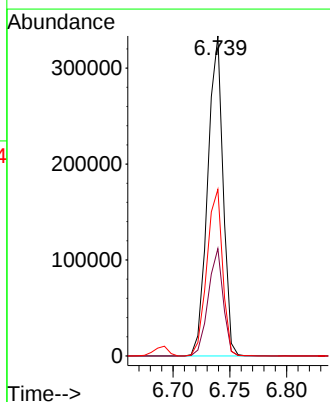
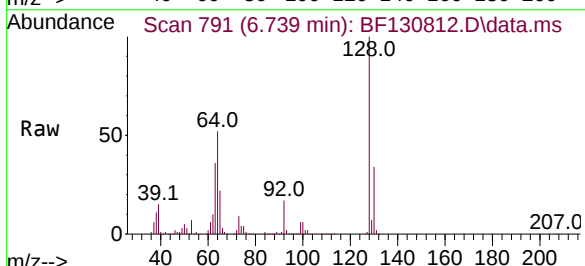
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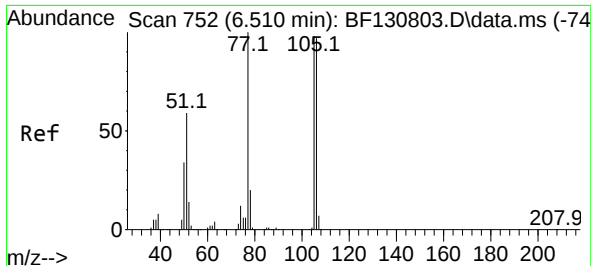
Reviewed By :Christian Giraldo 10/28/2022
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#8
2-Chlorophenol
Concen: 45.613 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.001 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

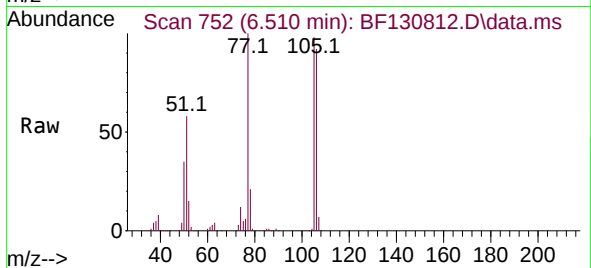
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Ion Ratio Lower Upper
128 100
130 33.5 12.7 52.7
64 52.0 31.3 71.3





#9
Benzaldehyde
Concen: 37.971 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

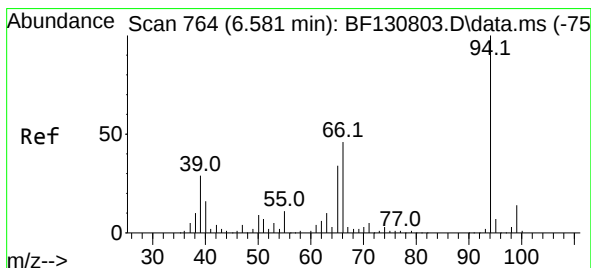
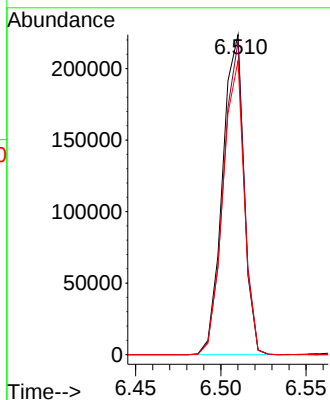
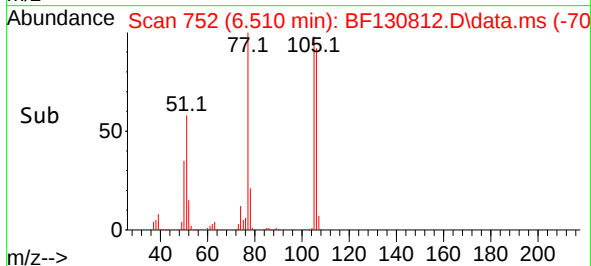
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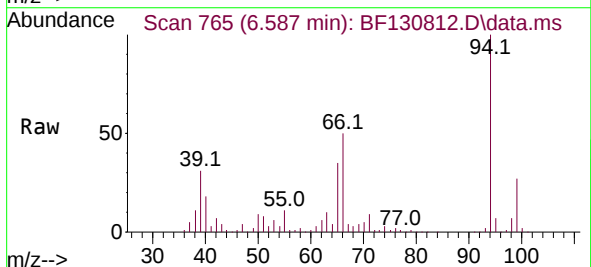
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Ion Ratio Lower Upper
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106 91.8 76.6 116.6

Manual Integrations
APPROVED

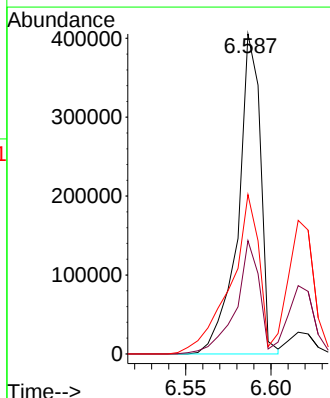
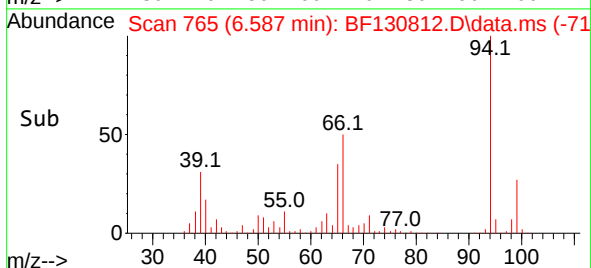
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

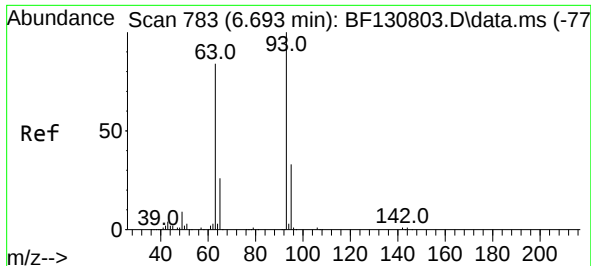


#10
Phenol
Concen: 42.924 ng
RT: 6.587 min Scan# 765
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion: 94 Resp: 371021
Ion Ratio Lower Upper
94 100
65 35.4 13.7 53.7
66 49.8 26.5 66.5





#11
bis(2-Chloroethyl)ether
Concen: 44.281 ng
RT: 6.692 min Scan# 783
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

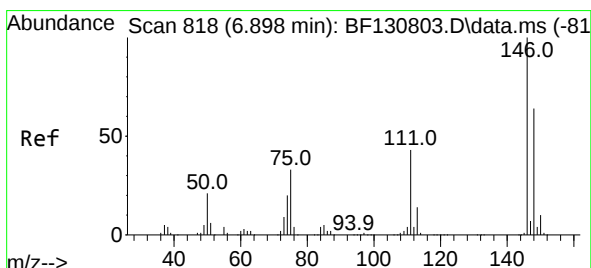
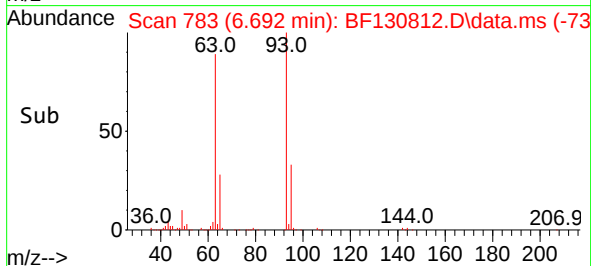
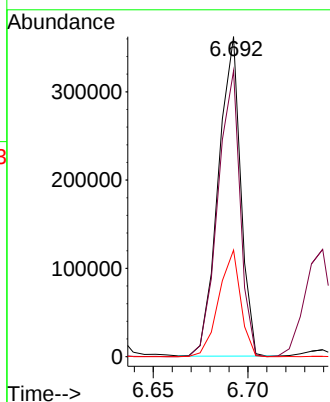
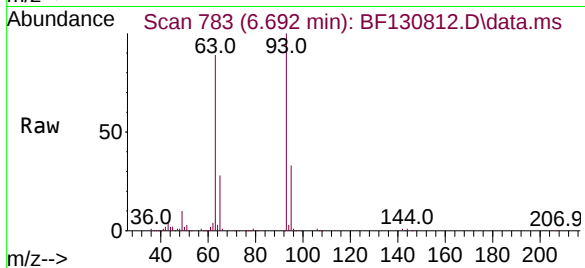
ClientSampleId :

PB148576BS

Tgt Ion: 93 Resp: 298369
Ion Ratio Lower Upper
93 100
63 89.3 63.4 103.4
95 33.3 12.6 52.6

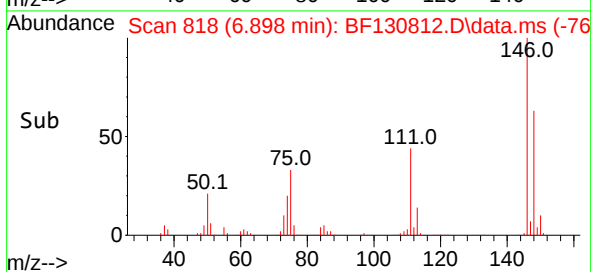
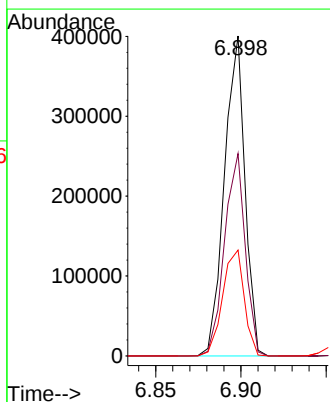
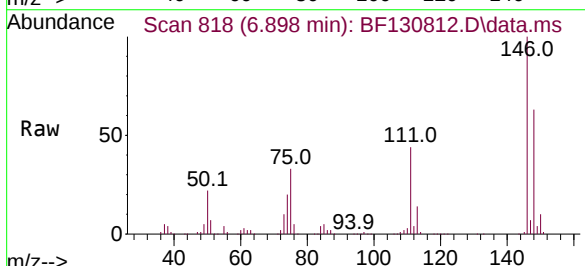
Manual Integrations
APPROVED

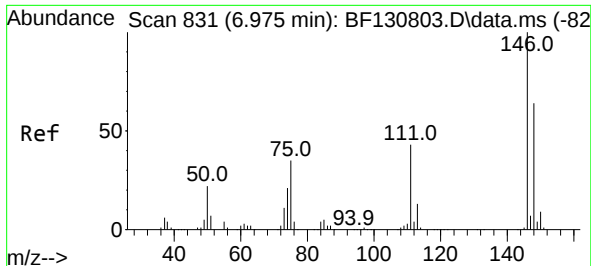
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#12
1,3-Dichlorobenzene
Concen: 43.031 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

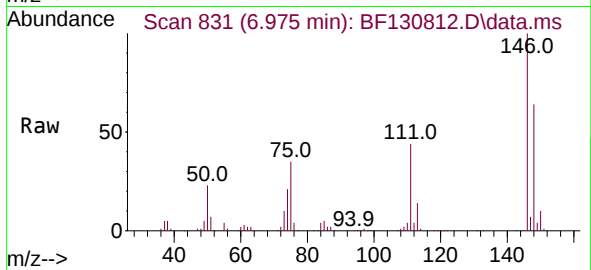
Tgt Ion:146 Resp: 335741
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.0
75 33.1 26.6 40.0





#13
1,4-Dichlorobenzene
Concen: 42.693 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

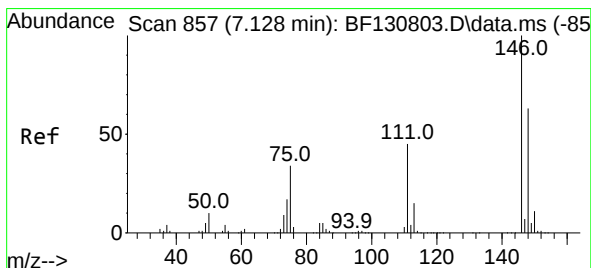
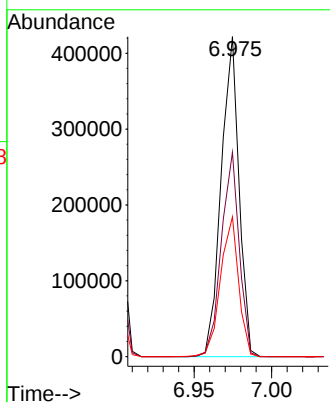
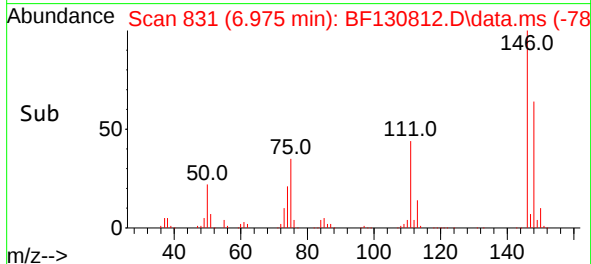
Instrument :
BNA_F
ClientSampleId :
PB148576BS



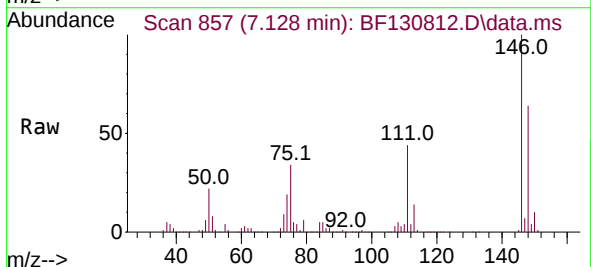
Tgt Ion:146 Resp: 338118
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
111 43.7 34.6 51.8

Manual Integrations
APPROVED

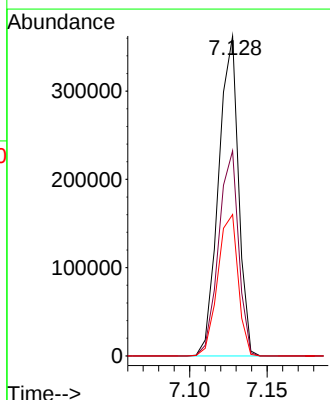
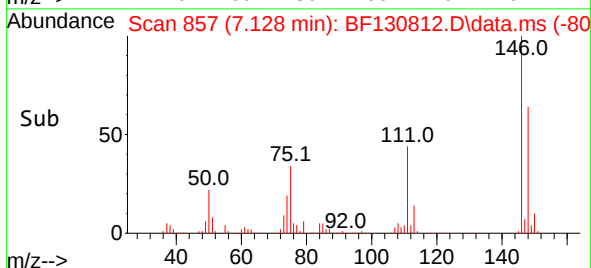
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

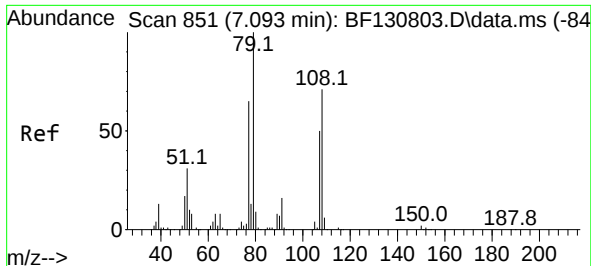


#14
1,2-Dichlorobenzene
Concen: 44.141 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:146 Resp: 323763
Ion Ratio Lower Upper
146 100
148 64.1 50.6 76.0
111 44.2 36.3 54.5





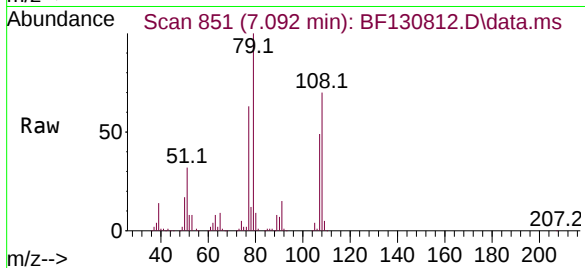
#15
Benzyl Alcohol
Concen: 43.127 ng m
RT: 7.092 min Scan# 851
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

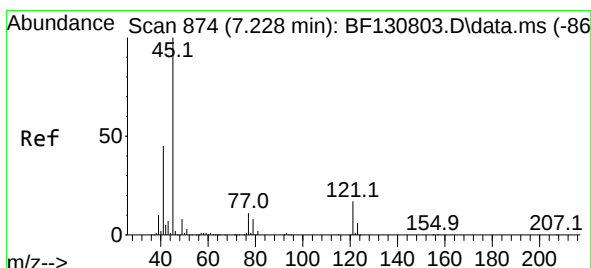
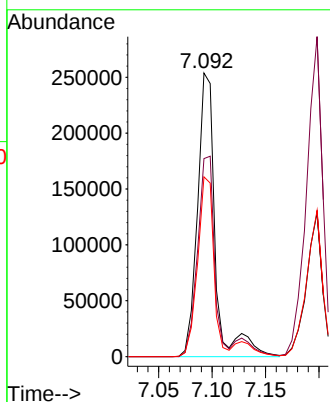
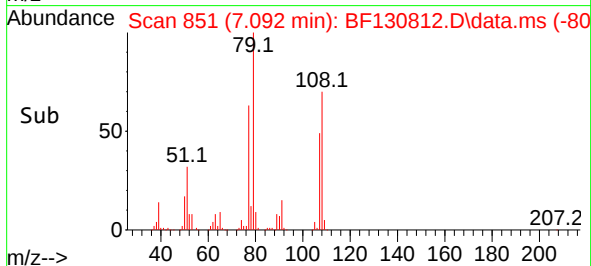
PB148576BS



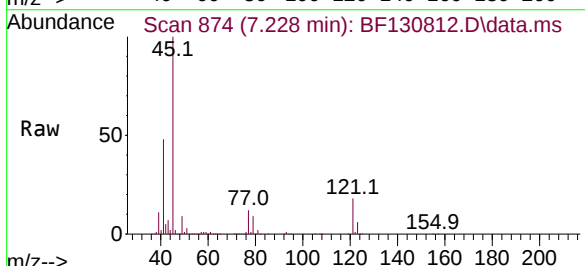
Tgt Ion: 79 Resp: 294558
Ion Ratio Lower Upper
79 100
108 69.8 56.4 84.6
77 63.4 51.8 77.8

Manual Integrations
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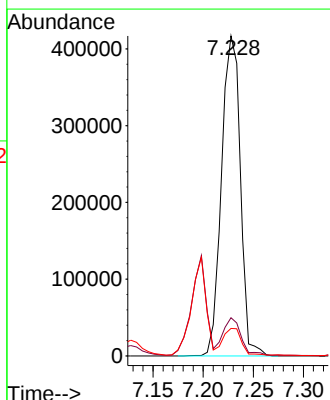
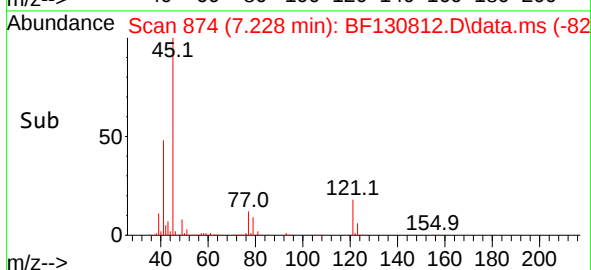
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

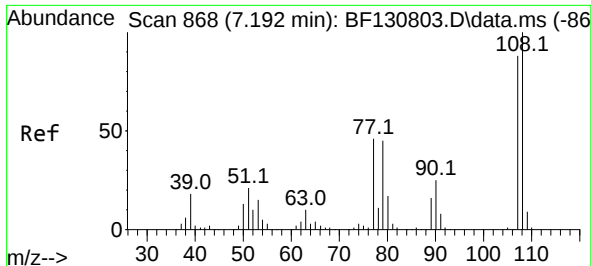


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.457 ng
RT: 7.228 min Scan# 874
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



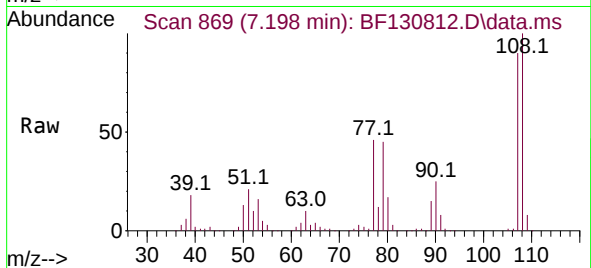
Tgt Ion: 45 Resp: 545962
Ion Ratio Lower Upper
45 100
77 11.9 0.0 31.2
79 8.6 0.0 28.4





#17
2-Methylphenol
Concen: 44.498 ng
RT: 7.198 min Scan# 868
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

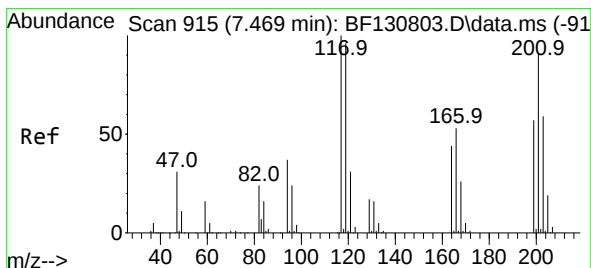
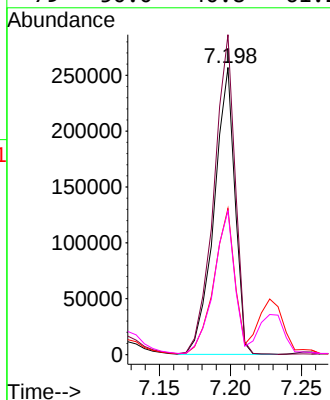
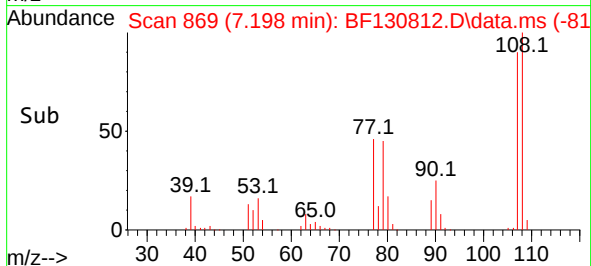
Instrument :
BNA_F
ClientSampleId :
PB148576BS



Tgt Ion:107 Resp: 261872
Ion Ratio Lower Upper
107 100
108 111.4 90.5 135.7
77 50.9 41.2 61.8
79 50.0 40.8 61.2

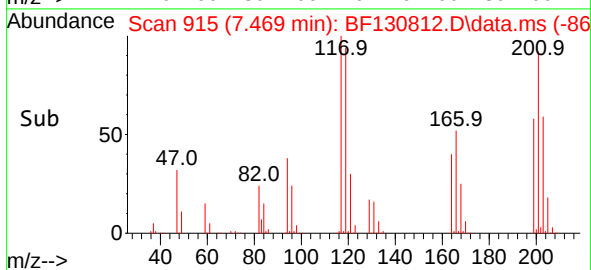
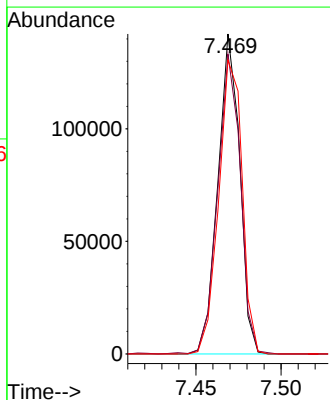
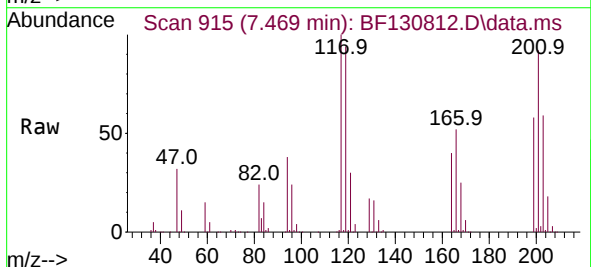
Manual Integrations
APPROVED

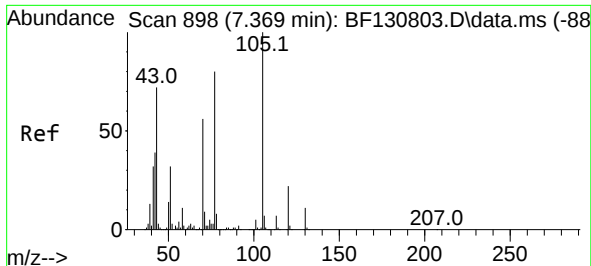
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#18
Hexachloroethane
Concen: 44.116 ng
RT: 7.469 min Scan# 915
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

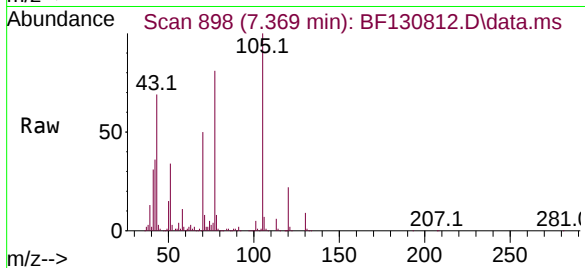
Tgt Ion:117 Resp: 126275
Ion Ratio Lower Upper
117 100
119 93.7 77.1 115.7
201 91.8 72.9 109.3





#19
n-Nitroso-di-n-propylamine
Concen: 42.883 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

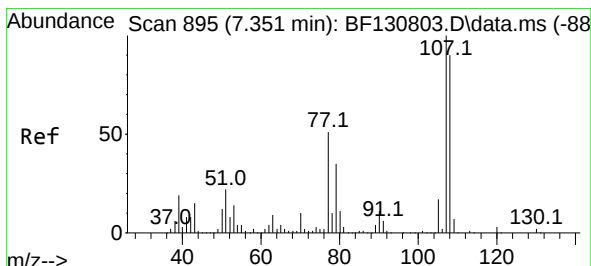
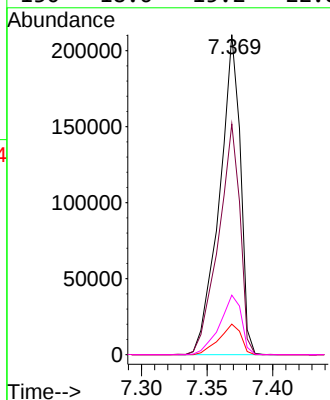
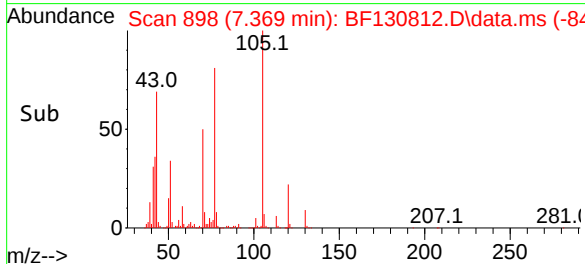
Instrument :
BNA_F
ClientSampleId :
PB148576BS



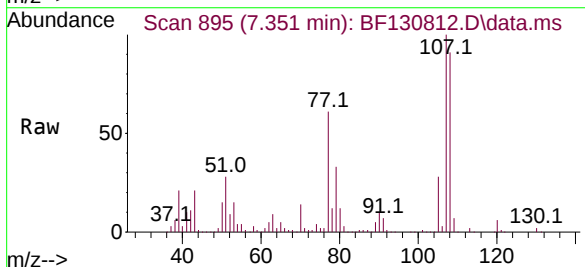
Tgt Ion: 70 Resp: 234355
Ion Ratio Lower Upper
70 100
42 72.1 56.1 84.1
101 9.5 7.3 10.9
130 18.6 15.2 22.8

Manual Integrations
APPROVED

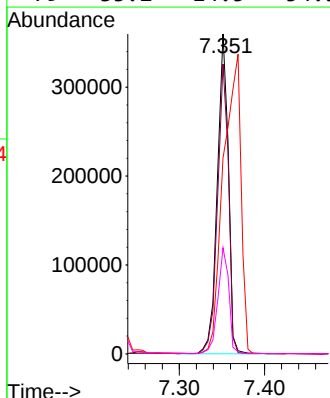
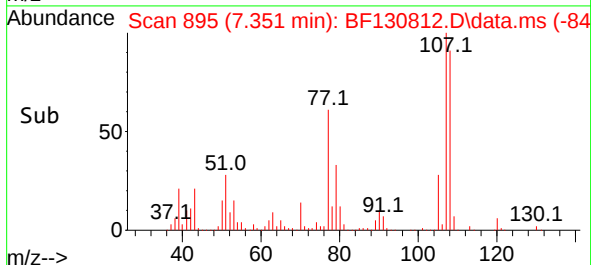
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

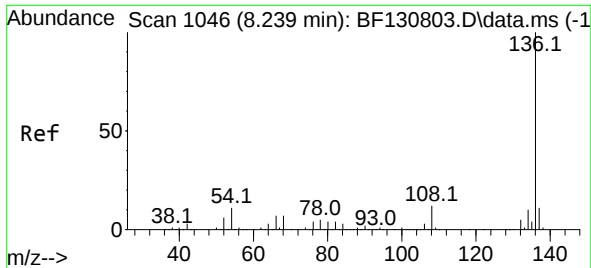


#20
3+4-Methylphenols
Concen: 42.250 ng
RT: 7.351 min Scan# 895
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:107 Resp: 323292
Ion Ratio Lower Upper
107 100
108 90.6 70.4 110.4
77 61.2 31.1 71.1
79 33.2 14.5 54.5





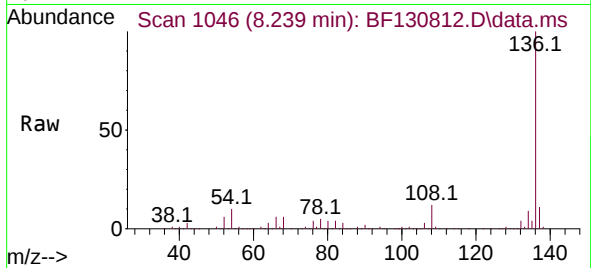
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

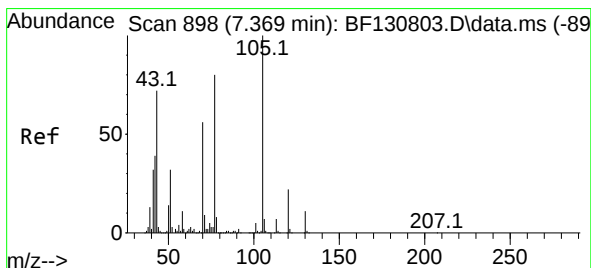
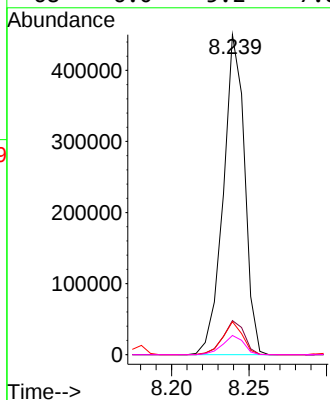
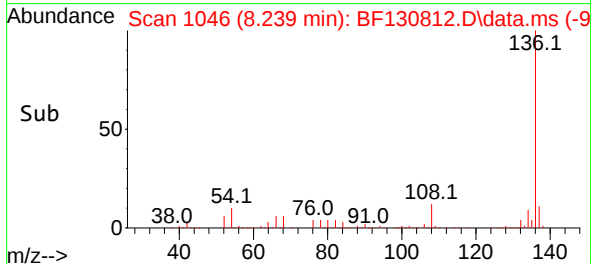


Tgt Ion:136 Resp: 431520
Ion Ratio Lower Upper
136 100
137 10.6 9.2 13.8
54 10.3 8.8 13.2
68 6.0 5.2 7.8

Manual Integrations

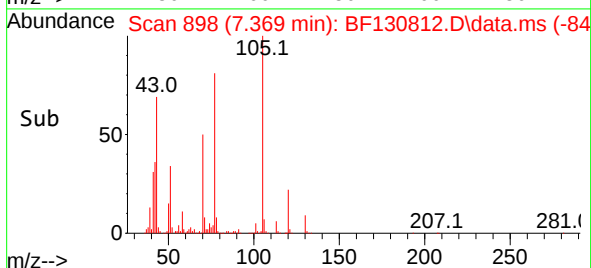
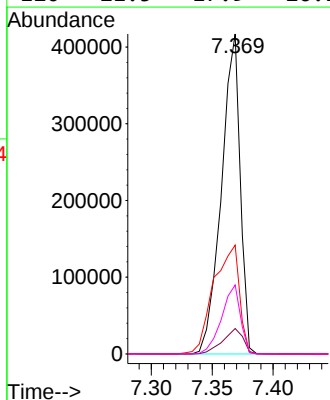
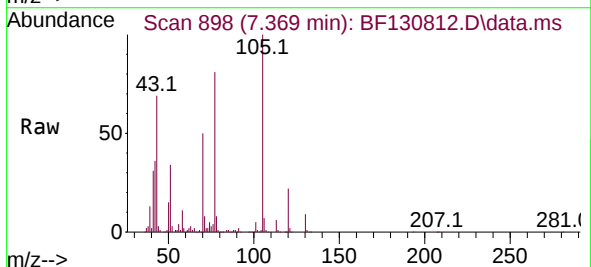
APPROVED

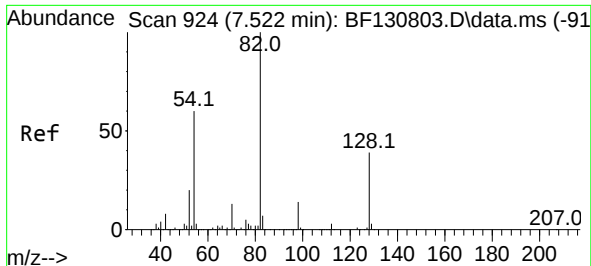
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#22
Acetophenone
Concen: 42.671 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

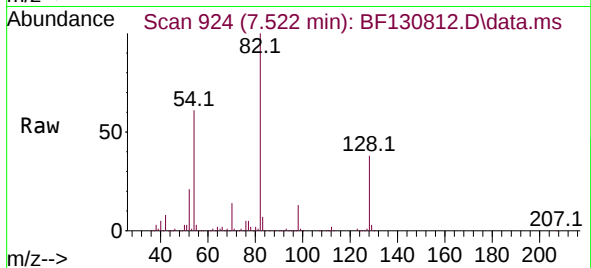
Tgt Ion:105 Resp: 446443
Ion Ratio Lower Upper
105 100
71 7.9 7.2 10.8
51 34.0 25.9 38.9
120 21.5 17.9 26.9





#23
Nitrobenzene-d5
Concen: 93.922 ng
RT: 7.522 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

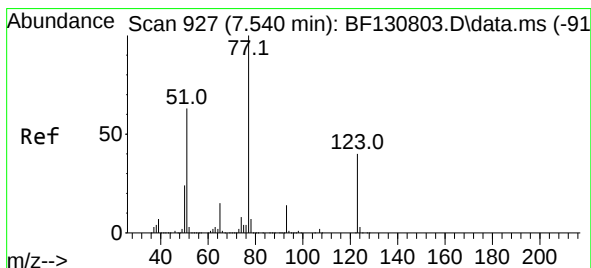
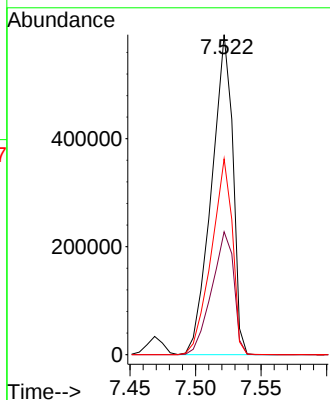
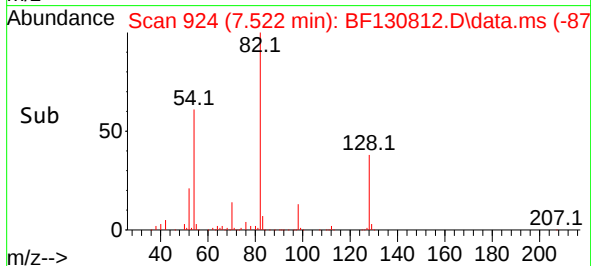
Instrument :
BNA_F
ClientSampleId :
PB148576BS



Tgt Ion: 82 Resp: 672139
Ion Ratio Lower Upper
82 100
128 38.4 31.2 46.8
54 61.2 48.0 72.0

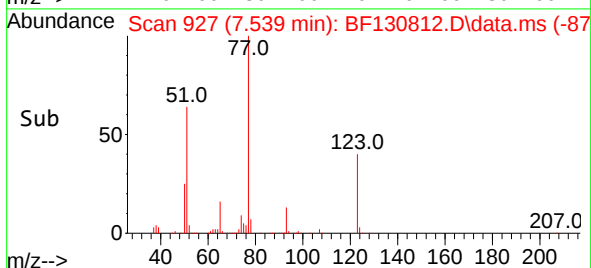
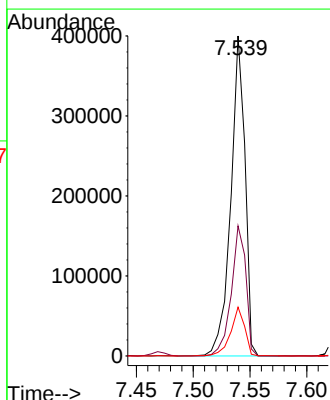
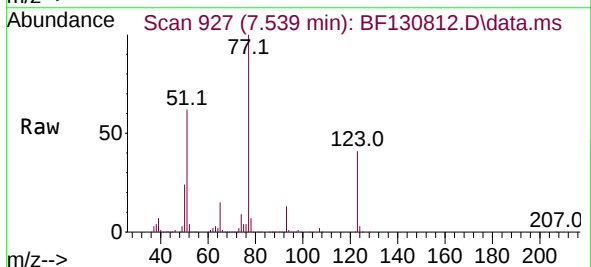
Manual Integrations
APPROVED

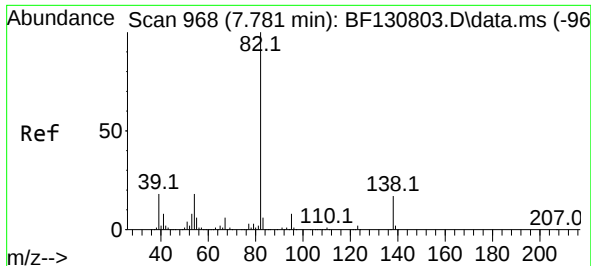
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#24
Nitrobenzene
Concen: 44.575 ng
RT: 7.539 min Scan# 927
Delta R.T. -0.001 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

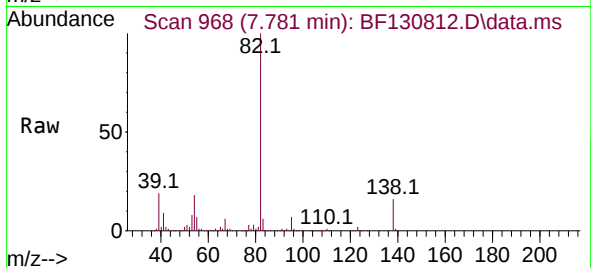
Tgt Ion: 77 Resp: 348815
Ion Ratio Lower Upper
77 100
123 40.6 32.2 48.2
65 15.2 12.0 18.0





#25
Isophorone
Concen: 44.537 ng
RT: 7.781 min Scan# 968
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

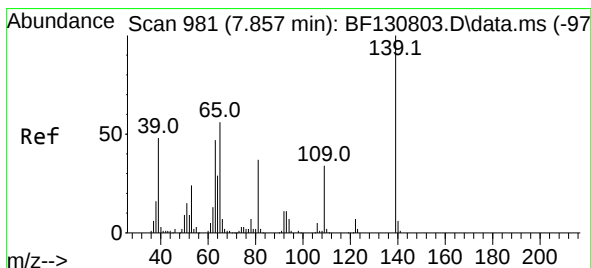
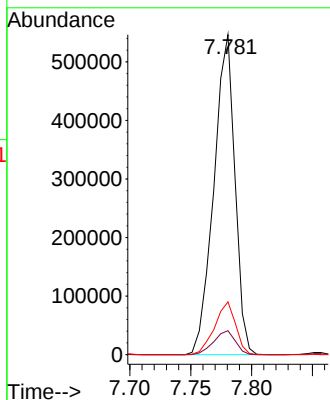
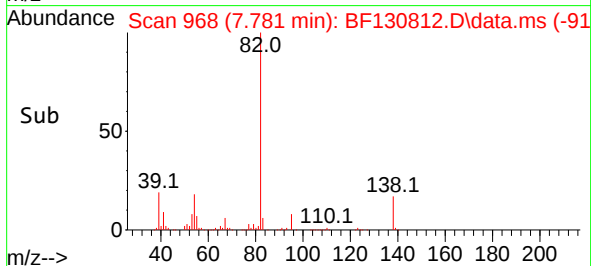
Instrument :
BNA_F
ClientSampleId :
PB148576BS



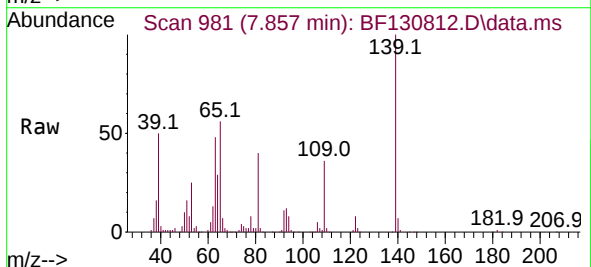
Tgt Ion: 82 Resp: 657246
Ion Ratio Lower Upper
82 100
95 7.5 6.2 9.4
138 16.5 13.8 20.6

Manual Integrations
APPROVED

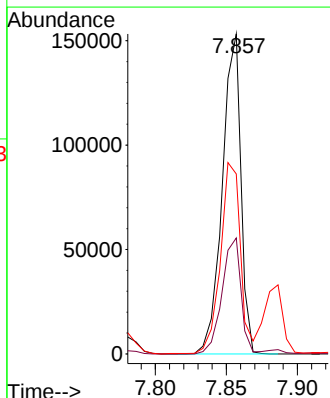
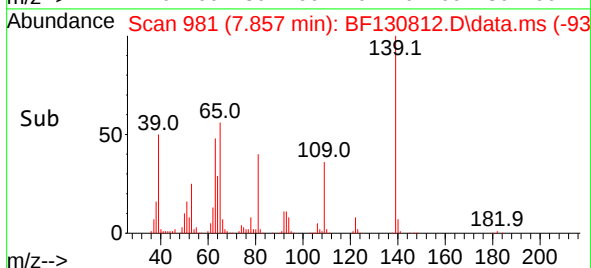
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

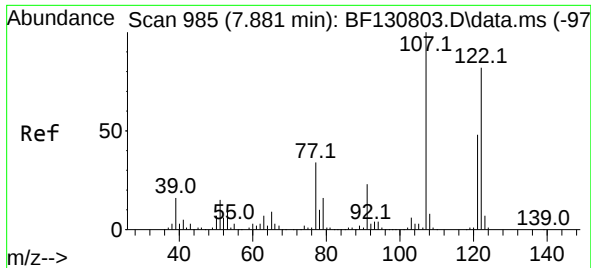


#26
2-Nitrophenol
Concen: 45.350 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:139 Resp: 139160
Ion Ratio Lower Upper
139 100
109 36.2 27.3 40.9
65 56.2 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 46.603 ng

RT: 7.886 min Scan# 985

Delta R.T. 0.005 min

Lab File: BF130812.D

Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

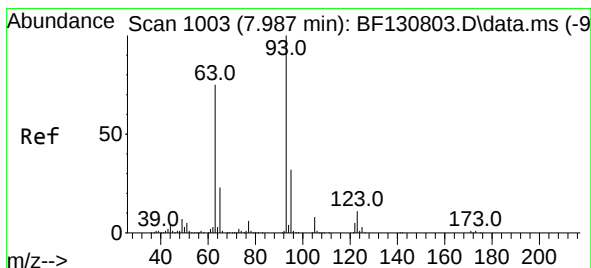
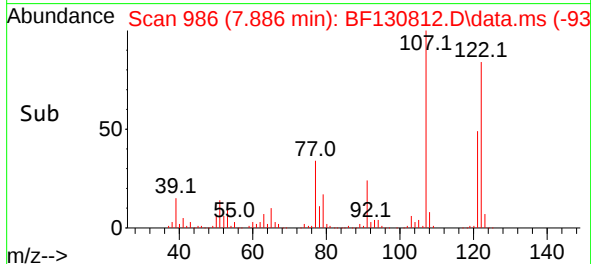
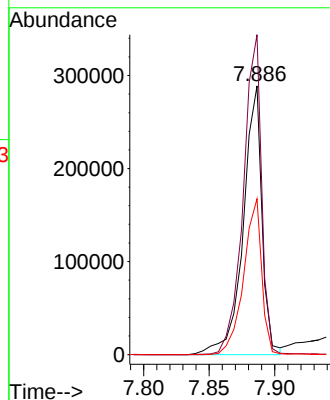
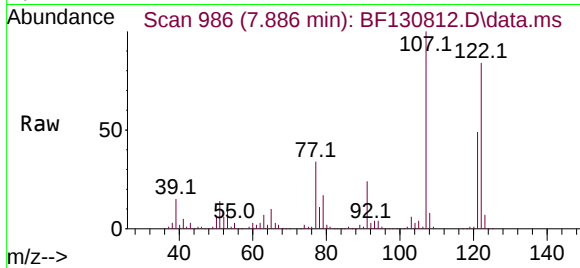
Tgt Ion:122 Resp: 286219

Ion	Ratio	Lower	Upper
122	100		
107	119.1	97.1	145.7
121	58.0	46.9	70.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#28

bis(2-Chloroethoxy)methane

Concen: 45.603 ng

RT: 7.986 min Scan# 1003

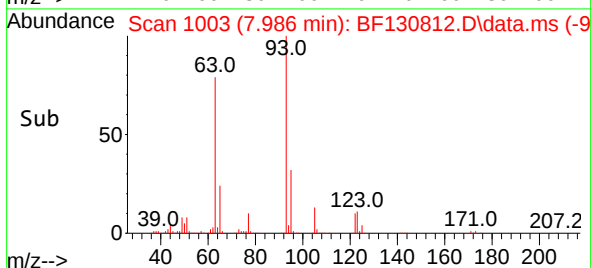
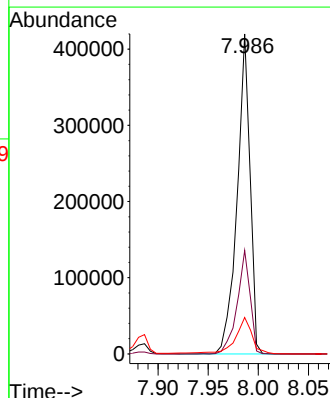
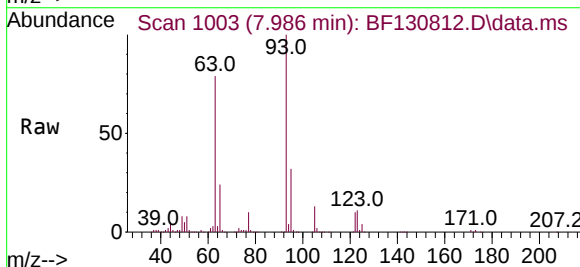
Delta R.T. -0.000 min

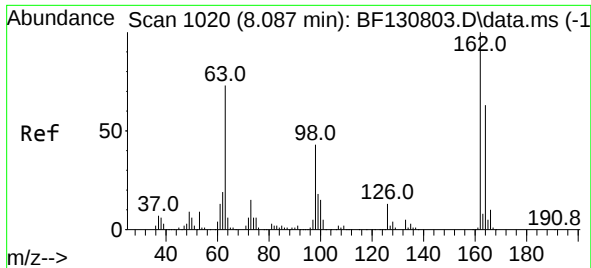
Lab File: BF130812.D

Acq: 27 Oct 2022 22:54

Tgt Ion: 93 Resp: 375848

Ion	Ratio	Lower	Upper
93	100		
95	32.3	25.7	38.5
123	11.4	9.4	14.0





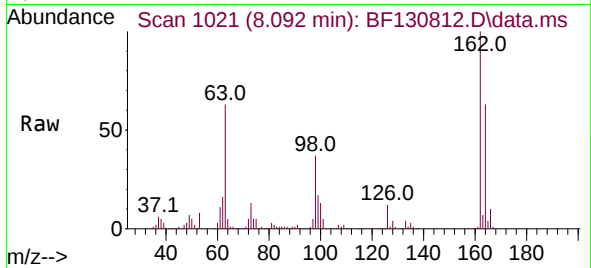
#29
2,4-Dichlorophenol
Concen: 42.588 ng
RT: 8.092 min Scan# 1021
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

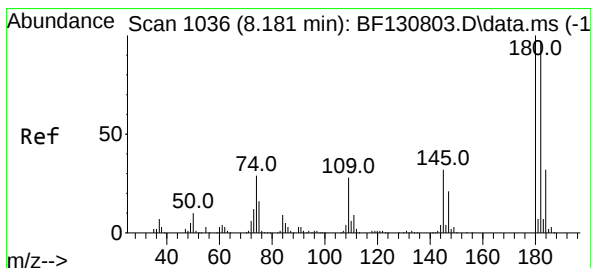
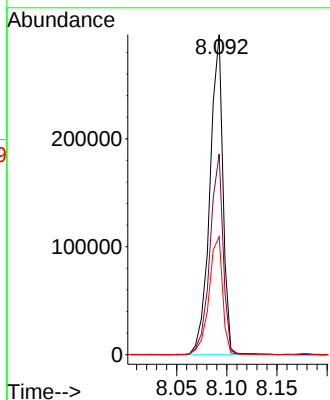
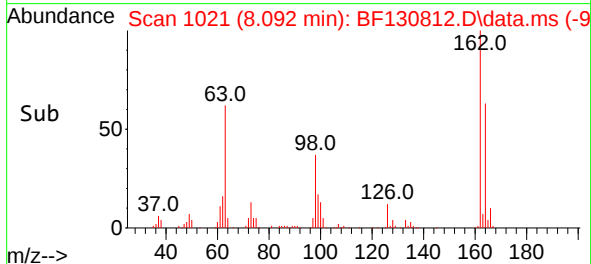


Tgt Ion:162 Resp: 269074
Ion Ratio Lower Upper
162 100
164 62.7 43.2 83.2
98 36.8 22.8 62.8

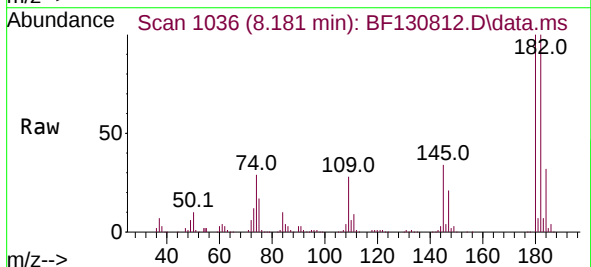
Manual Integrations

APPROVED

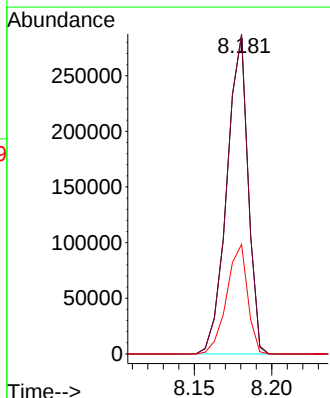
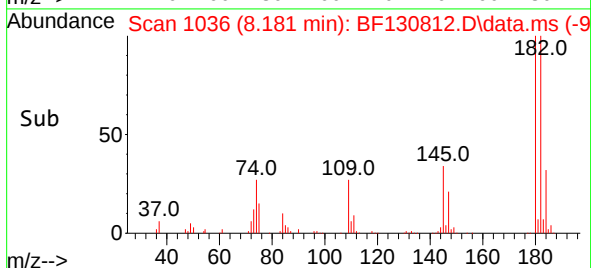
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

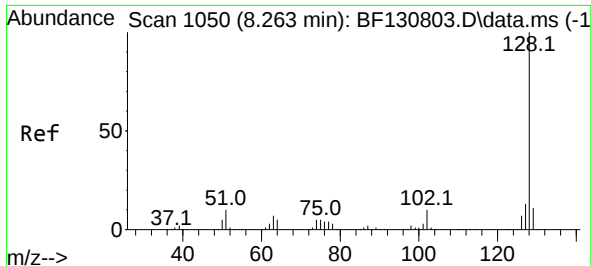


#30
1,2,4-Trichlorobenzene
Concen: 40.167 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:180 Resp: 272890
Ion Ratio Lower Upper
180 100
182 100.3 77.7 116.5
145 34.3 25.9 38.9





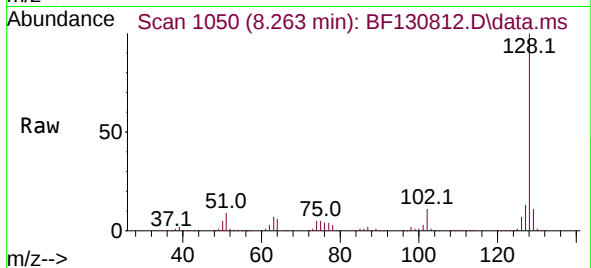
#31
Naphthalene
Concen: 39.687 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

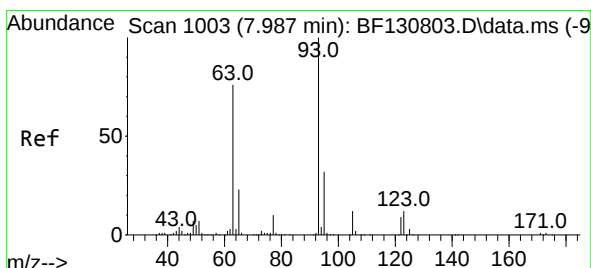
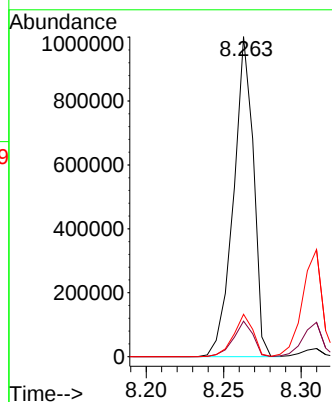
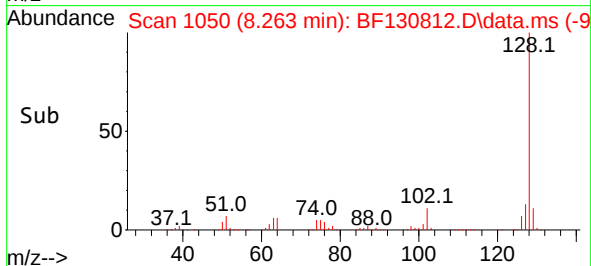


Tgt Ion:128 Resp: 893519
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.2 10.6 16.0

Manual Integrations

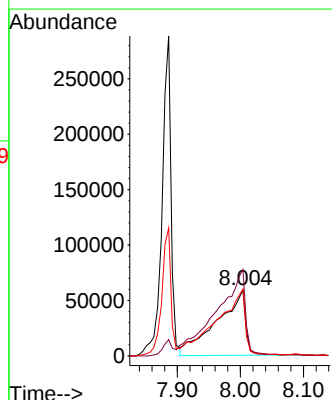
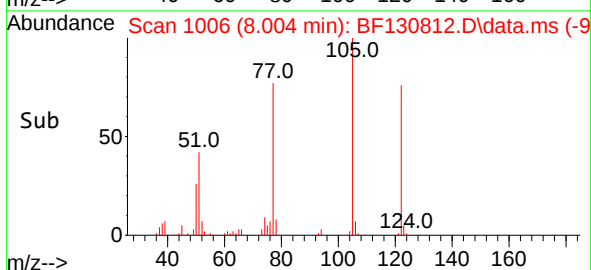
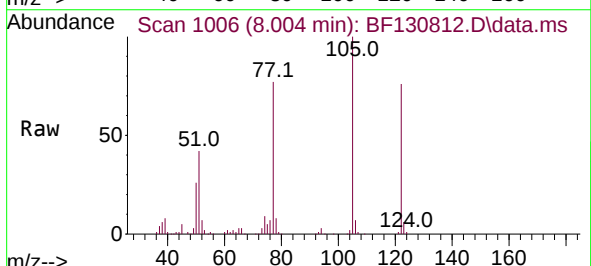
APPROVED

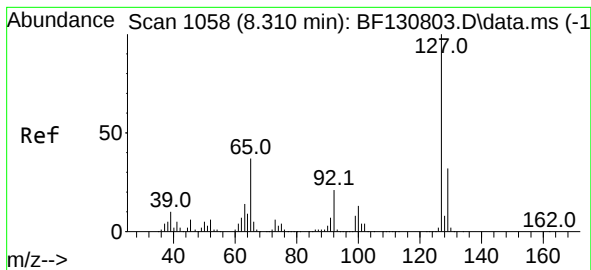
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#32
Benzoic acid
Concen: 43.319 ng
RT: 8.004 min Scan# 1006
Delta R.T. 0.017 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Tgt Ion:122 Resp: 185191
Ion Ratio Lower Upper
122 100
105 131.0 114.5 154.5
77 101.2 89.8 129.8





#33
4-Chloroaniline
Concen: 33.378 ng
RT: 8.310 min Scan# 1058
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

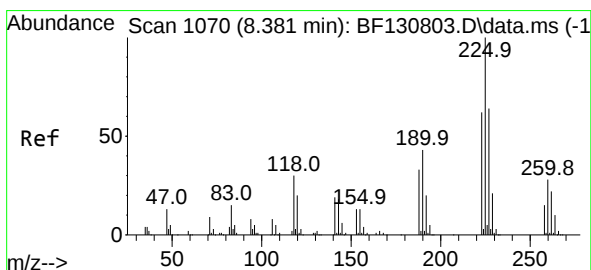
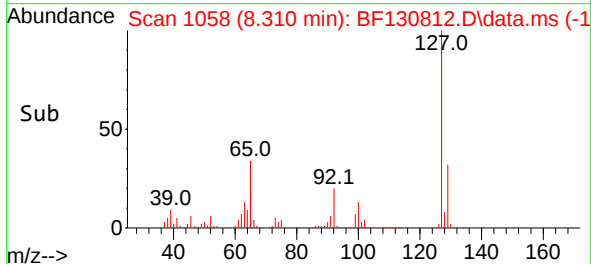
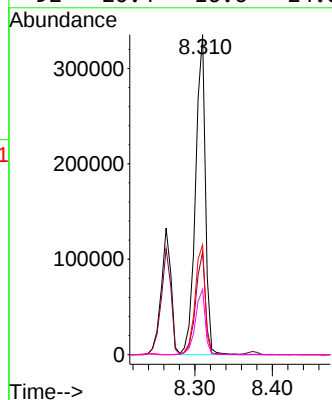
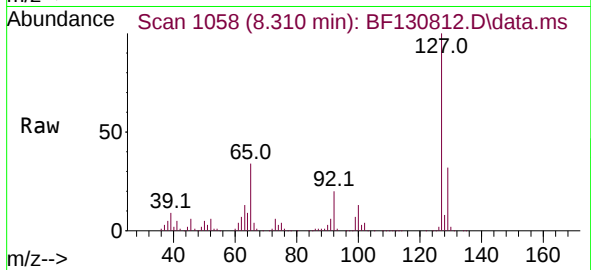
PB148576BS

Tgt Ion:127 Resp: 296948
Ion Ratio Lower Upper
127 100
129 32.0 25.6 38.4
65 34.3 29.4 44.2
92 20.4 16.6 24.8

Manual Integrations

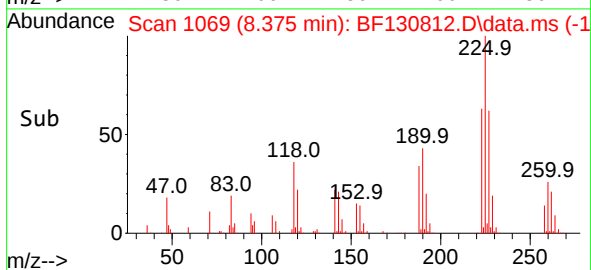
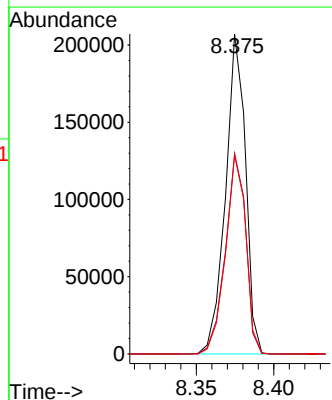
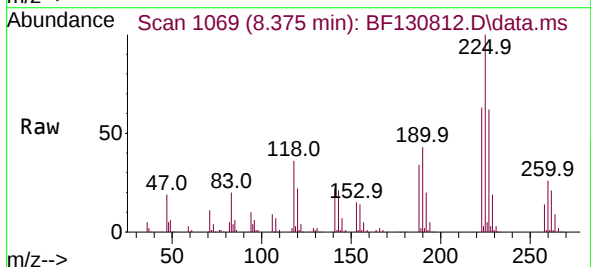
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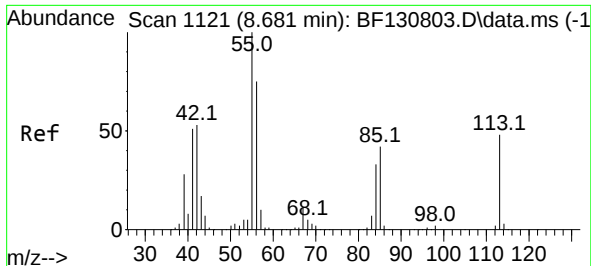
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#34
Hexachlorobutadiene
Concen: 41.349 ng
RT: 8.375 min Scan# 1069
Delta R.T. -0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Tgt Ion:225 Resp: 186480
Ion Ratio Lower Upper
225 100
223 62.6 49.9 74.9
227 62.1 51.5 77.3





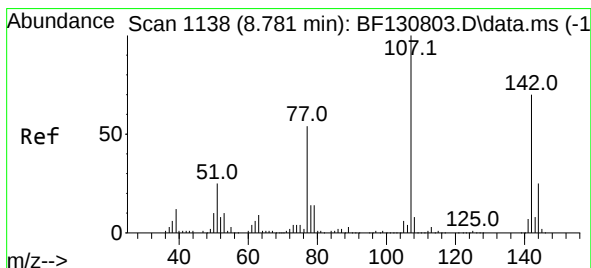
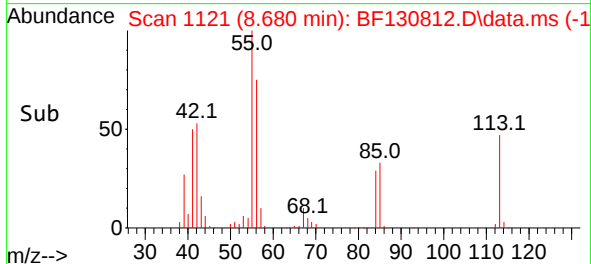
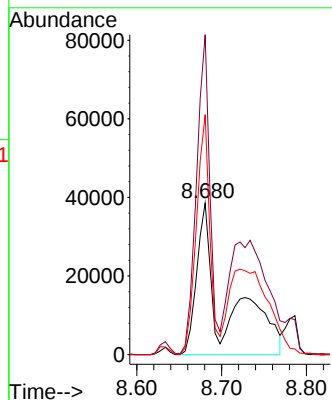
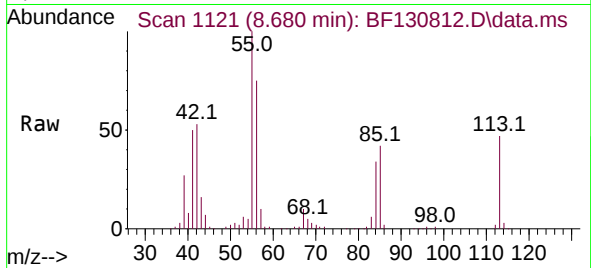
#35
 Caprolactam
 Concen: 43.392 ng m
 RT: 8.680 min Scan# 1121
 Delta R.T. -0.000 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

Instrument :
 BNA_F
 ClientSampleId :
 PB148576BS

Tgt Ion:113 Resp: 8785
 Ion Ratio Lower Upper
 113 100
 55 211.2 187.0 227.0
 56 158.4 134.2 174.2

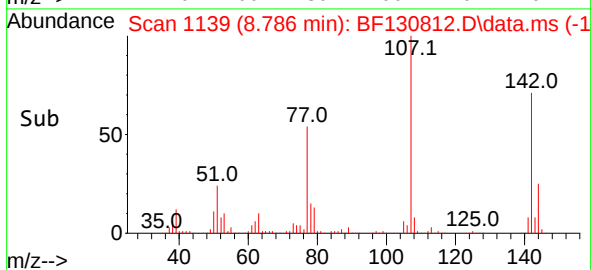
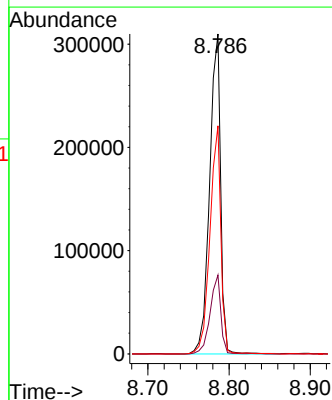
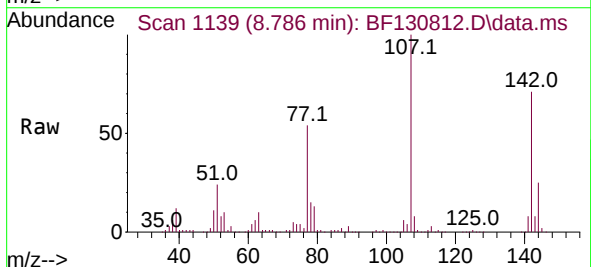
Manual Integrations
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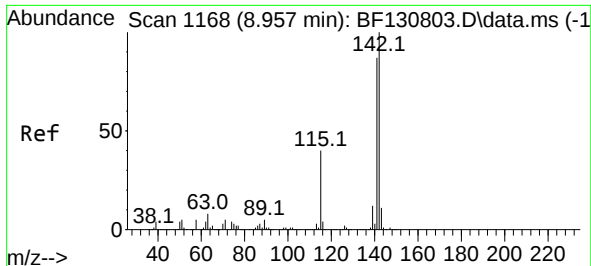
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#36
 4-Chloro-3-methylphenol
 Concen: 42.920 ng
 RT: 8.786 min Scan# 1139
 Delta R.T. 0.006 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

Tgt Ion:107 Resp: 294143
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.8 29.8
 142 71.3 56.0 84.0





#37

2-Methylnaphthalene

Concen: 40.523 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF130812.D

Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

Tgt Ion:142 Resp: 573868

Ion Ratio Lower Upper

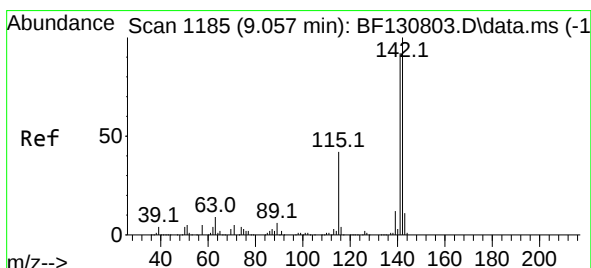
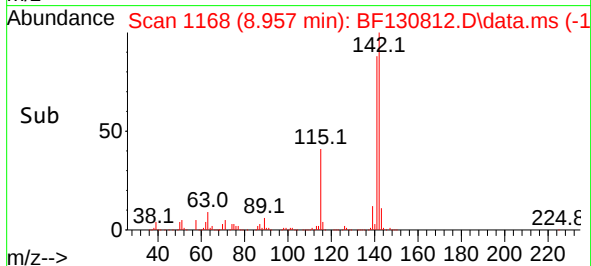
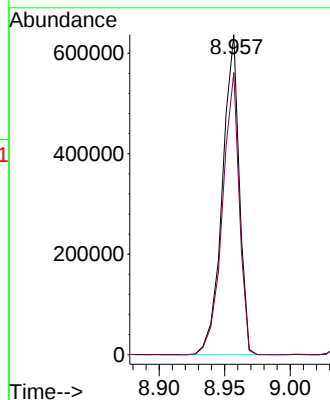
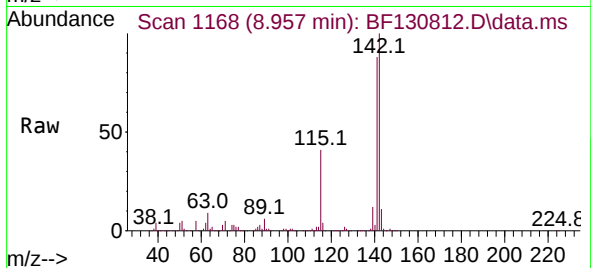
142 100

141 88.1 69.9 104.9

Manual Integrations

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Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#38

1-Methylnaphthalene

Concen: 39.371 ng

RT: 9.057 min Scan# 1185

Delta R.T. -0.000 min

Lab File: BF130812.D

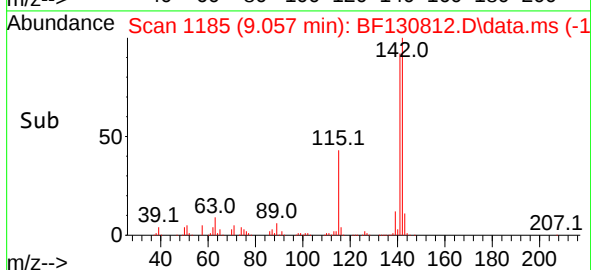
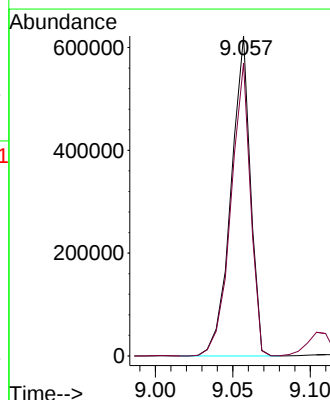
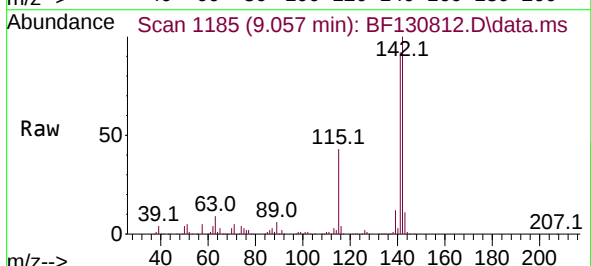
Acq: 27 Oct 2022 22:54

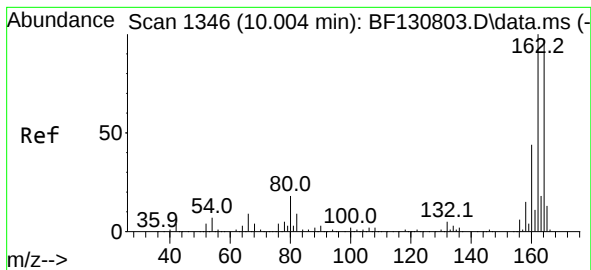
Tgt Ion:142 Resp: 542606

Ion Ratio Lower Upper

142 100

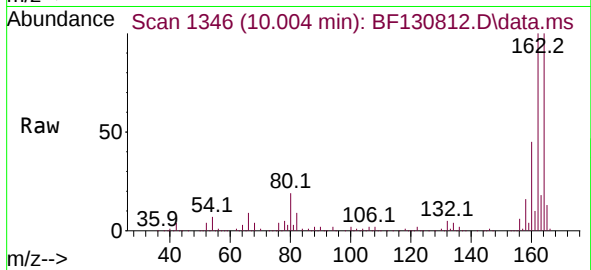
141 91.6 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 1346
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

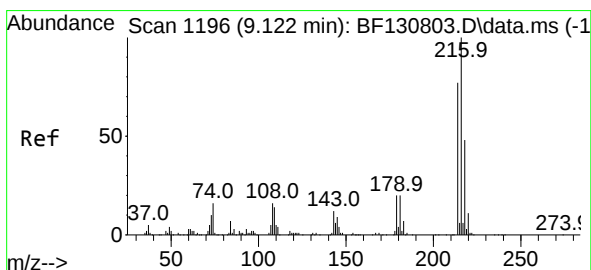
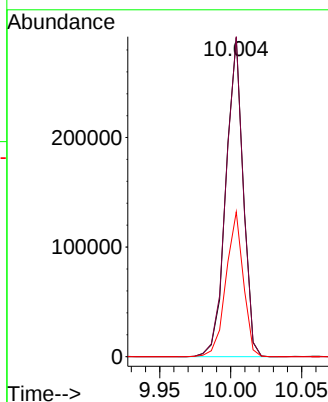
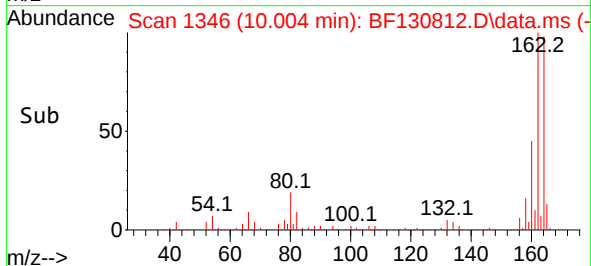
Instrument :
BNA_F
ClientSampleId :
PB148576BS



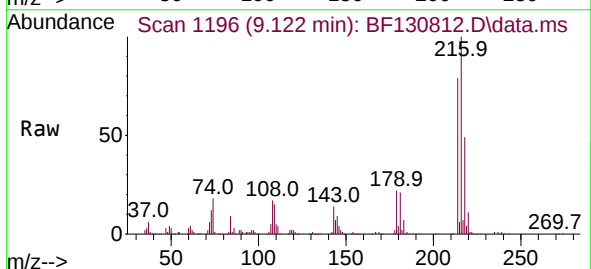
Tgt Ion:164 Resp: 246055
Ion Ratio Lower Upper
164 100
162 100.3 82.2 123.2
160 45.4 36.6 54.8

Manual Integrations
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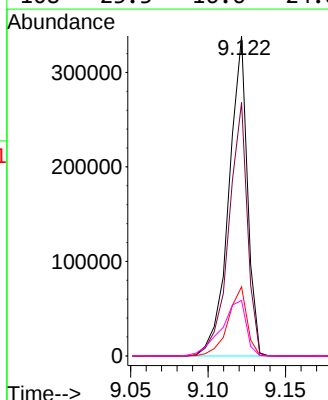
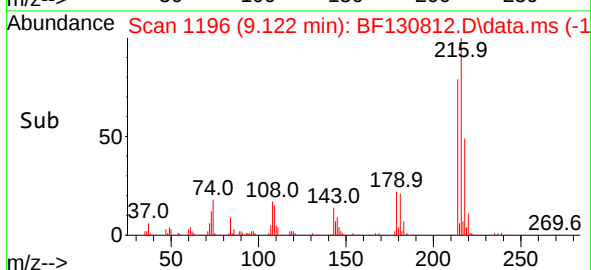
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

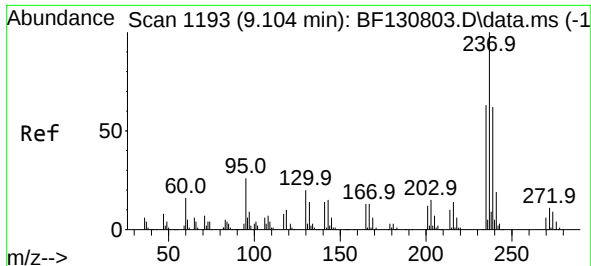


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.406 ng
RT: 9.122 min Scan# 1196
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:216 Resp: 281942
Ion Ratio Lower Upper
216 100
214 79.1 62.7 94.1
179 21.8 16.9 25.3
108 23.3 16.6 24.8





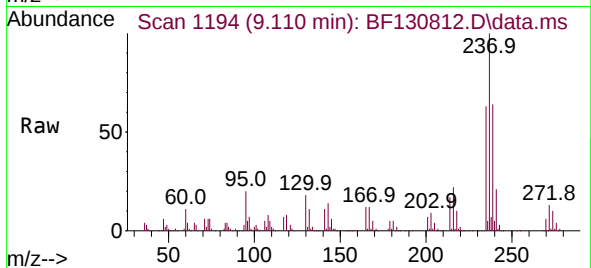
#41
Hexachlorocyclopentadiene
Concen: 103.049 ng
RT: 9.110 min Scan# 1193
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

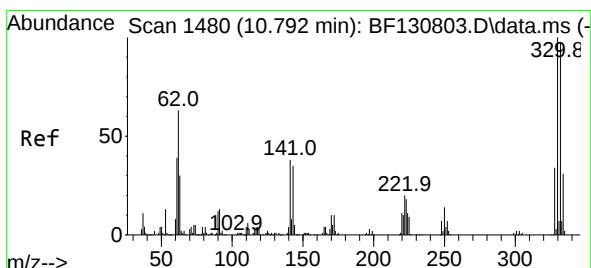
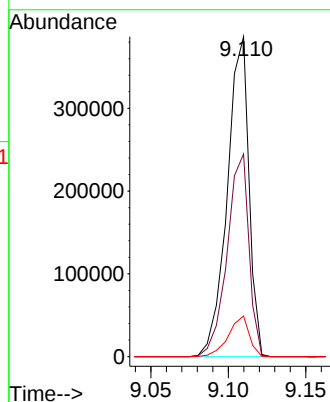
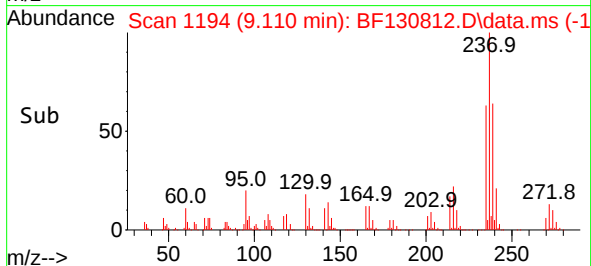


Tgt Ion:237 Resp: 377803
Ion Ratio Lower Upper
237 100
235 63.3 43.5 83.5
272 12.7 0.0 31.4

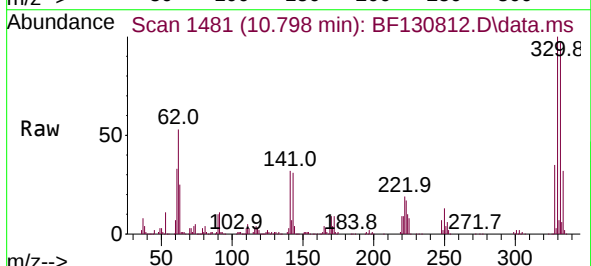
Manual Integrations

APPROVED

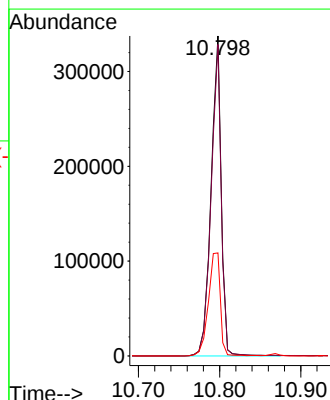
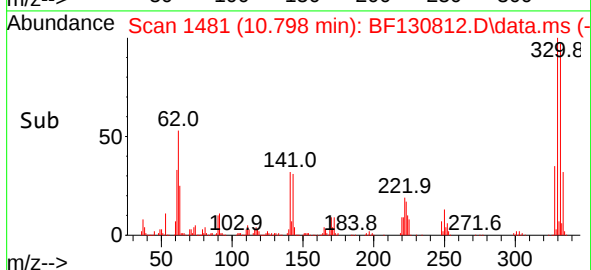
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

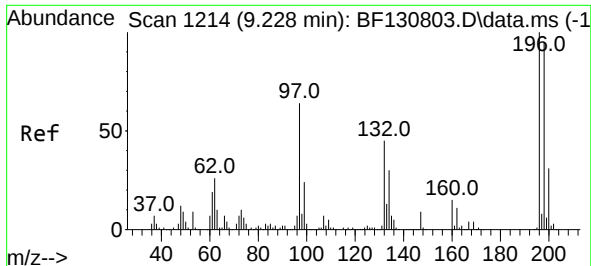


#42
2,4,6-Tribromophenol
Concen: 142.591 ng
RT: 10.798 min Scan# 1481
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:330 Resp: 295347
Ion Ratio Lower Upper
330 100
332 96.7 76.2 114.4
141 37.7 31.4 47.0





#43

2,4,6-Trichlorophenol

Concen: 40.874 ng

RT: 9.228 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF130812.D

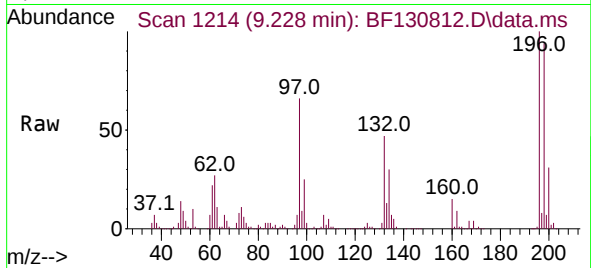
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS



Tgt Ion:196 Resp: 198180

Ion Ratio Lower Upper

196 100

198 94.4 76.1 114.1

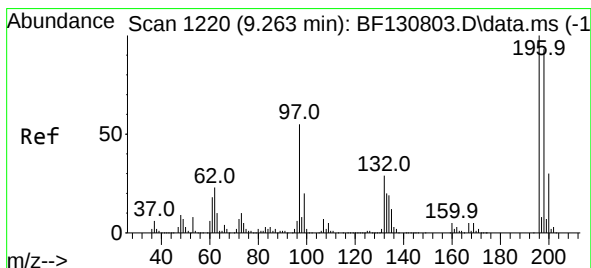
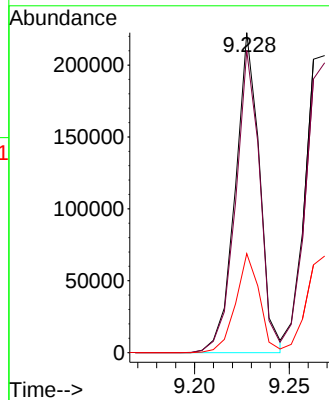
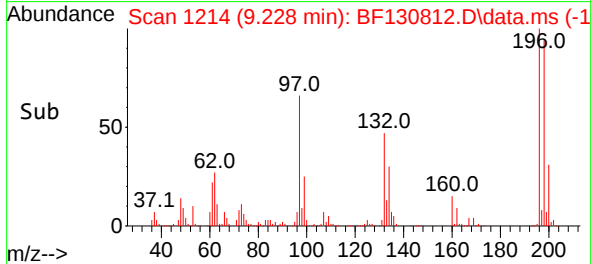
200 30.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022

Supervised By :mohammad ahmed 11/04/2022



#44

2,4,5-Trichlorophenol

Concen: 41.071 ng

RT: 9.269 min Scan# 1221

Delta R.T. 0.006 min

Lab File: BF130812.D

Acq: 27 Oct 2022 22:54

Tgt Ion:196 Resp: 212753

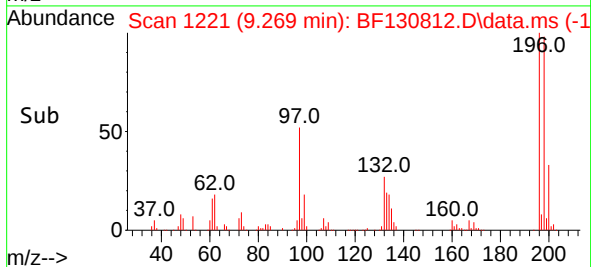
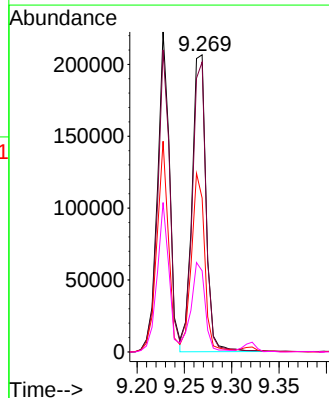
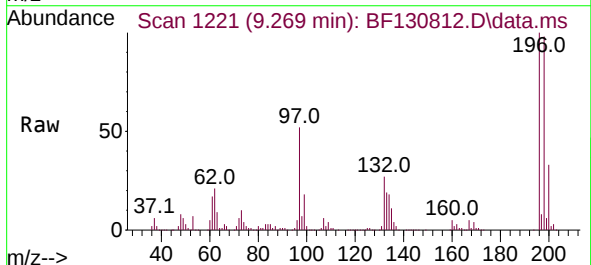
Ion Ratio Lower Upper

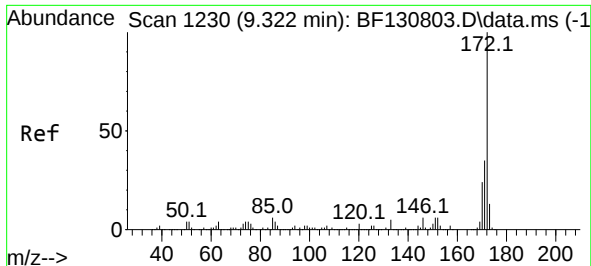
196 100

198 97.6 74.6 112.0

97 51.8 44.7 67.1

132 27.3 23.3 34.9





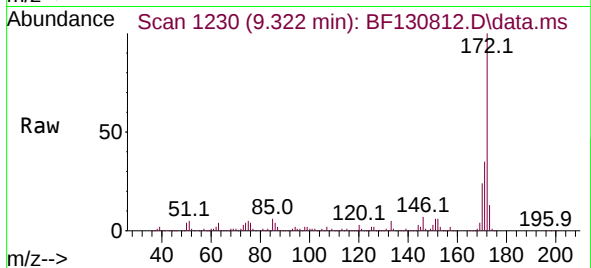
#45
2-Fluorobiphenyl
Concen: 76.468 ng
RT: 9.322 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

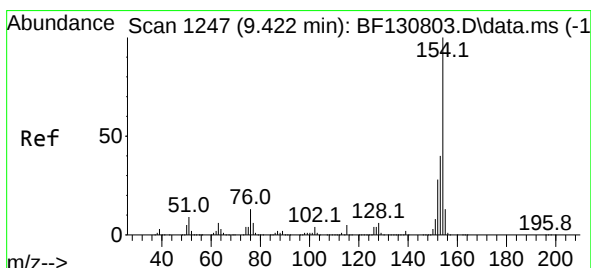
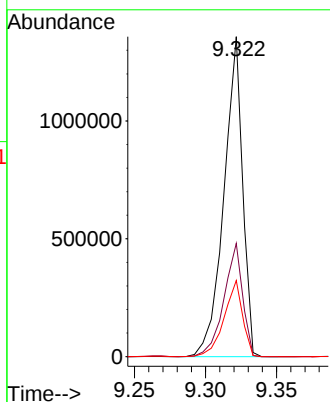
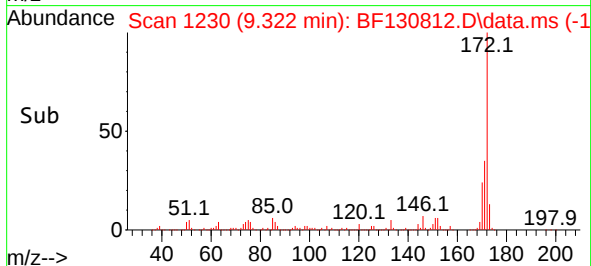


Tgt Ion:172 Resp: 1244498
Ion Ratio Lower Upper
172 100
171 35.4 28.1 42.1
170 23.8 19.0 28.4

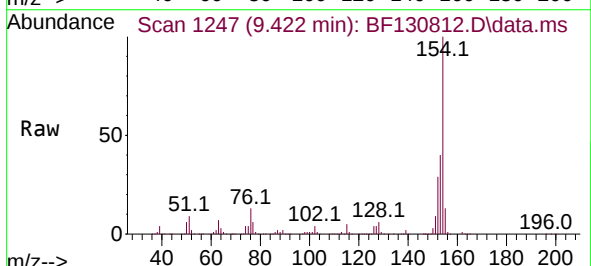
Manual Integrations

APPROVED

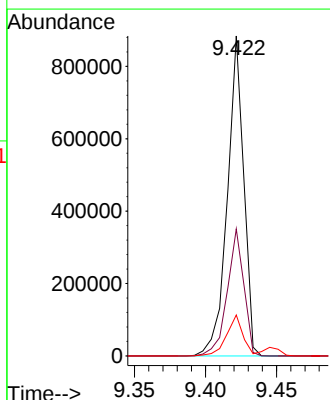
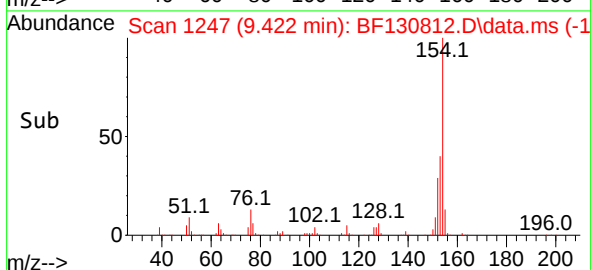
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

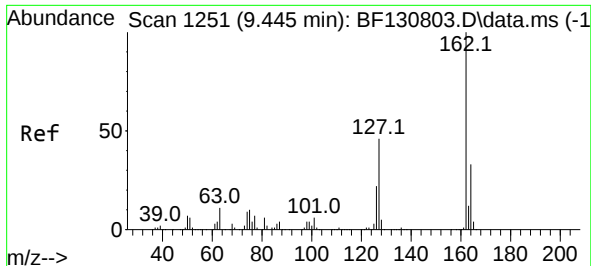


#46
1,1'-Biphenyl
Concen: 40.564 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:154 Resp: 711089
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 12.8 0.0 32.5





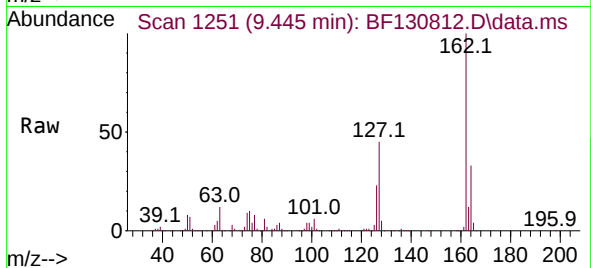
#47
2-Chloronaphthalene
Concen: 39.359 ng
RT: 9.445 min Scan# 1251
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

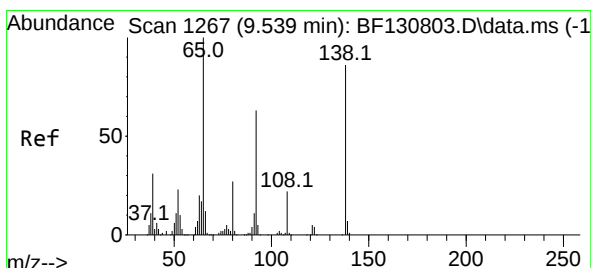
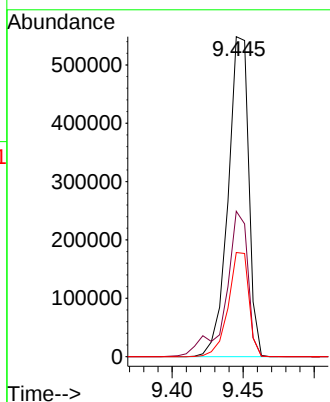
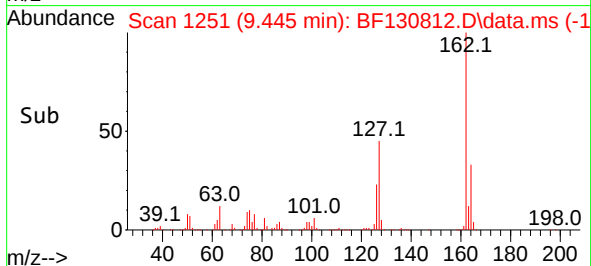


Tgt Ion: 162 Resp: 553264
Ion Ratio Lower Upper
162 100
127 45.4 36.6 54.8
164 32.5 26.5 39.7

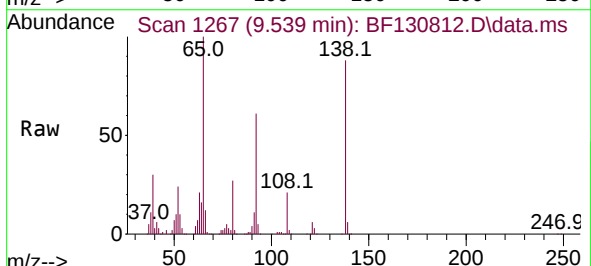
Manual Integrations

APPROVED

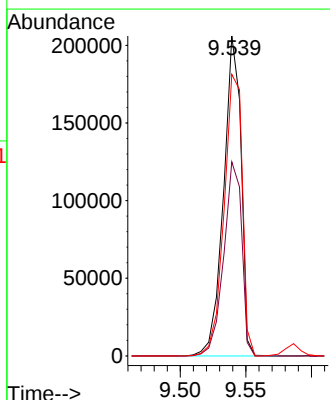
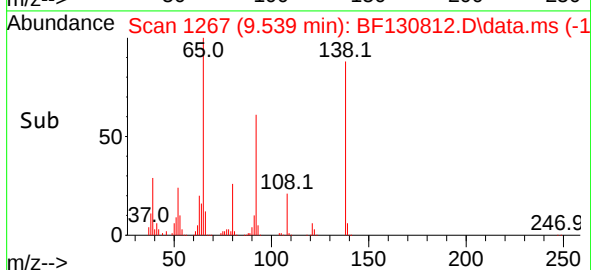
Reviewed By : Christian Giraldo 10/28/2022
Supervised By : mohammad ahmed 11/04/2022

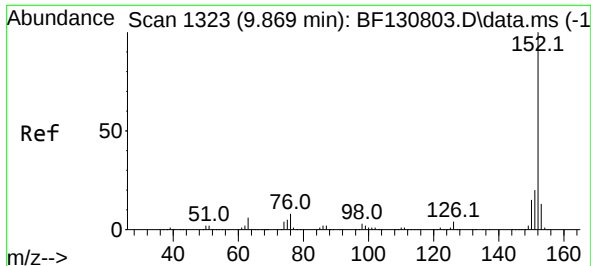


#48
2-Nitroaniline
Concen: 42.848 ng
RT: 9.539 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion: 65 Resp: 191470
Ion Ratio Lower Upper
65 100
92 60.6 50.1 75.1
138 88.0 69.2 103.8





#49

Acenaphthylene

Concen: 39.322 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.000 min

Lab File: BF130812.D

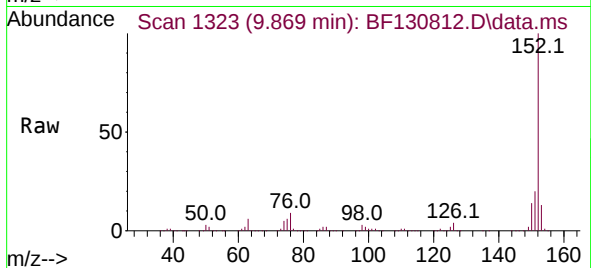
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS



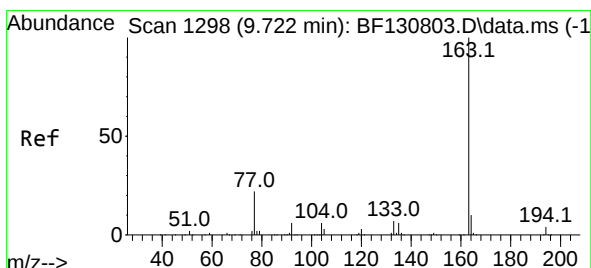
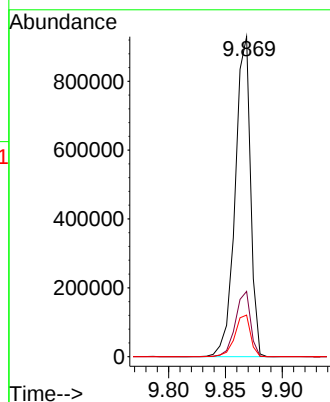
Tgt Ion:152 Resp: 873478

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.0	10.2	15.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#50

Dimethylphthalate

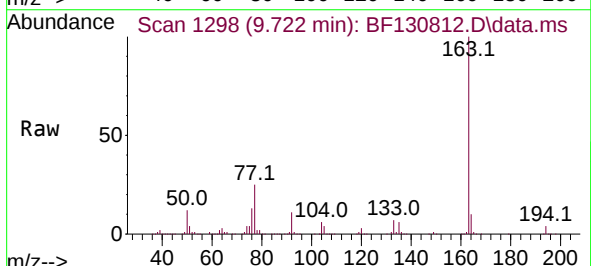
Concen: 40.049 ng

RT: 9.722 min Scan# 1298

Delta R.T. -0.000 min

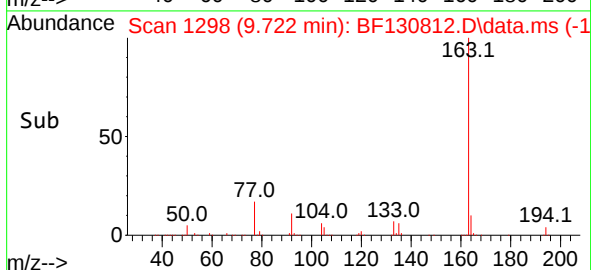
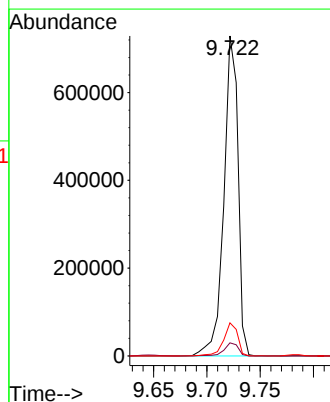
Lab File: BF130812.D

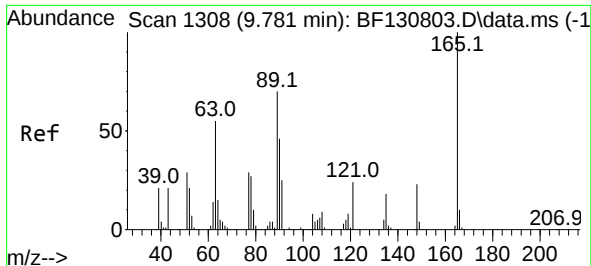
Acq: 27 Oct 2022 22:54



Tgt Ion:163 Resp: 676840

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.2	4.8
164	10.3	8.0	12.0





#51
2,6-Dinitrotoluene
Concen: 44.153 ng
RT: 9.786 min Scan# 1308
Delta R.T. 0.005 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

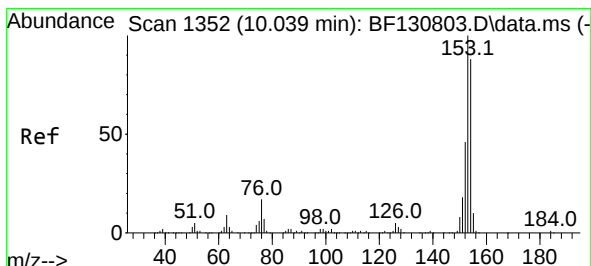
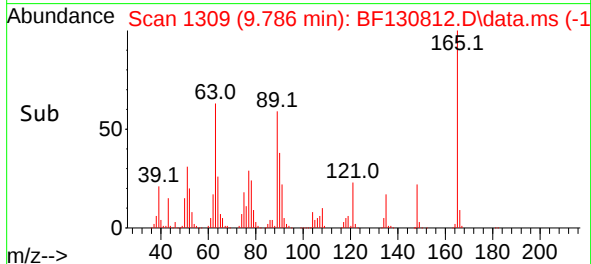
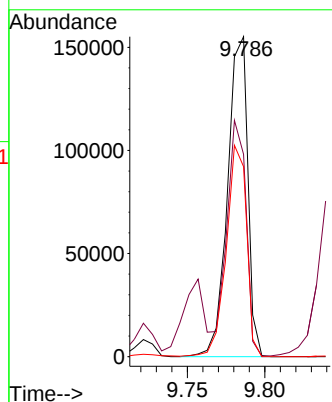
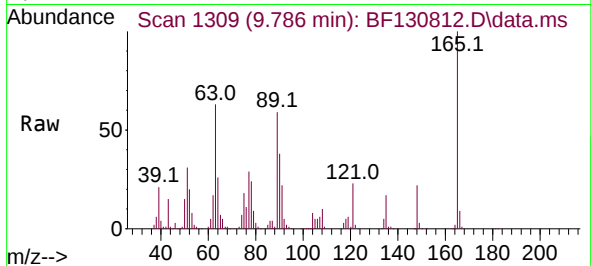
ClientSampleId :

PB148576BS

Tgt Ion:165 Resp: 141089
Ion Ratio Lower Upper
165 100
63 63.2 61.8 92.8
89 59.4 56.2 84.4

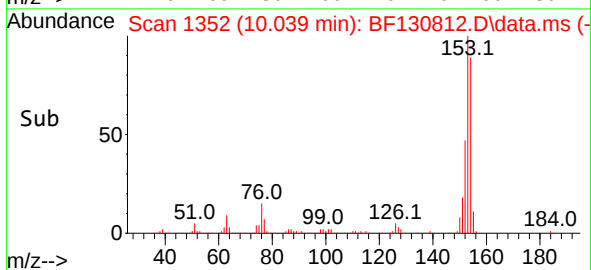
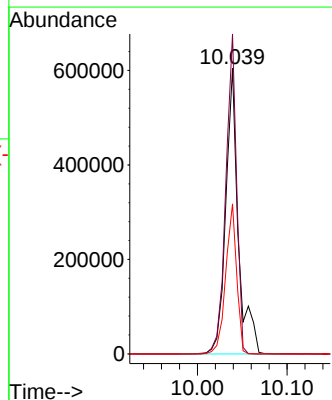
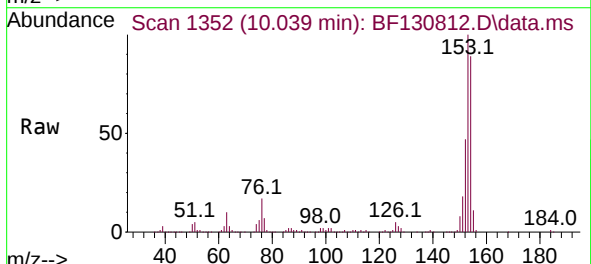
Manual Integrations
APPROVED

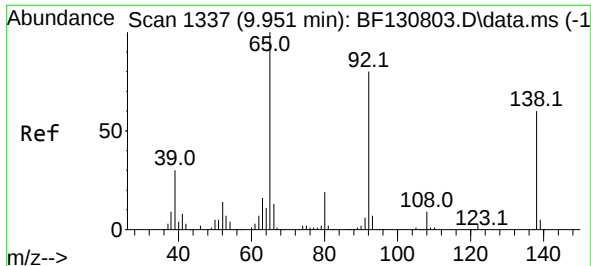
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#52
Acenaphthene
Concen: 43.216 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Tgt Ion:154 Resp: 593596
Ion Ratio Lower Upper
154 100
153 112.2 90.5 135.7
152 52.6 42.0 63.0





#53
3-Nitroaniline
Concen: 37.831 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

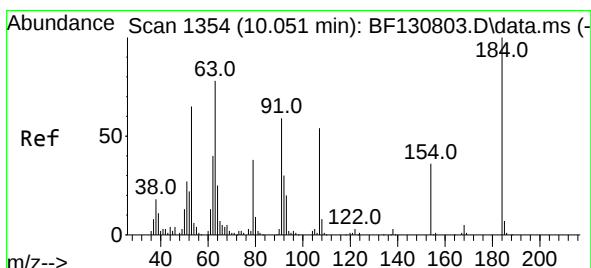
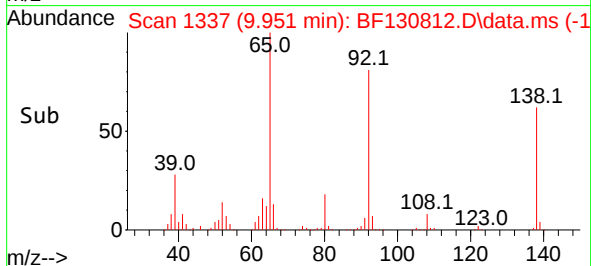
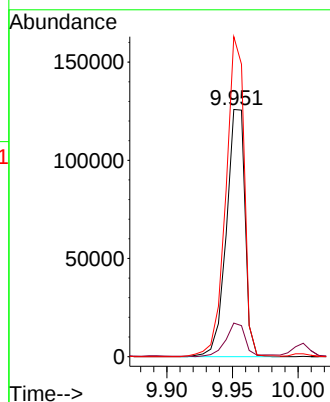
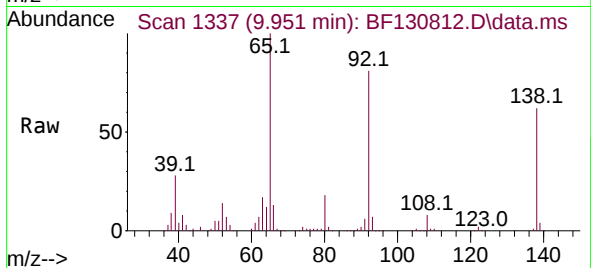
ClientSampleId :

PB148576BS

Tgt Ion:138 Resp: 124533
Ion Ratio Lower Upper
138 100
108 13.5 12.7 19.1
92 129.5 107.8 161.8

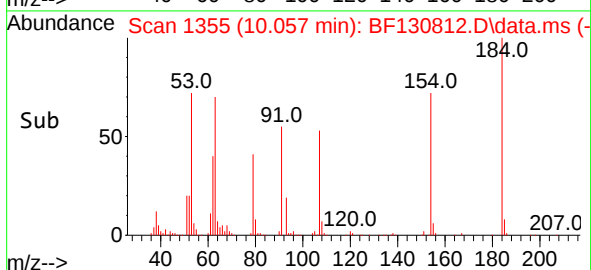
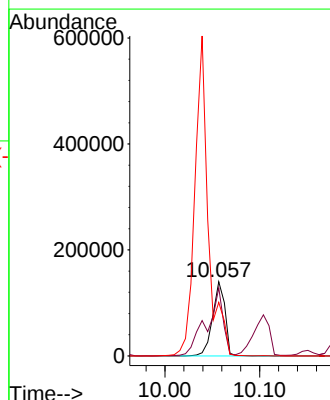
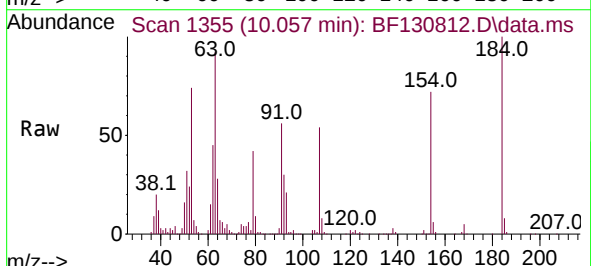
Manual Integrations
APPROVED

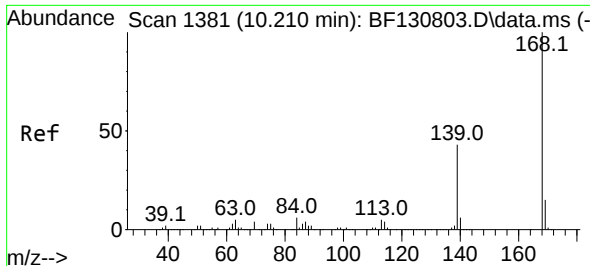
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#54
2,4-Dinitrophenol
Concen: 82.045 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

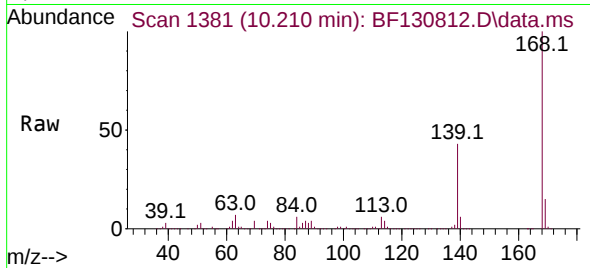
Tgt Ion:184 Resp: 127819
Ion Ratio Lower Upper
184 100
63 91.6 66.7 100.1
154 72.2 62.2 93.2





#55
Dibenzofuran
Concen: 39.705 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

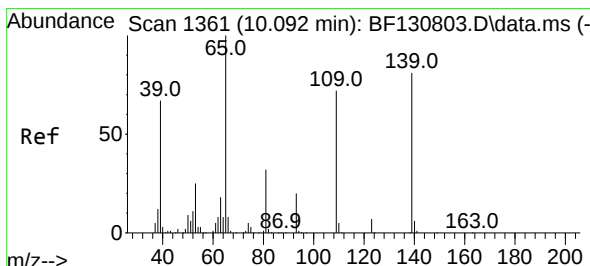
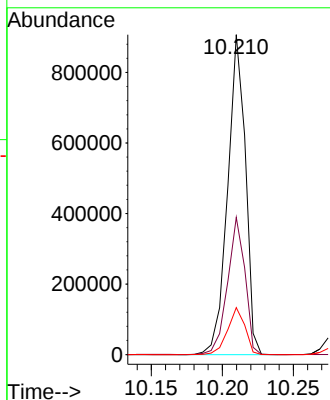
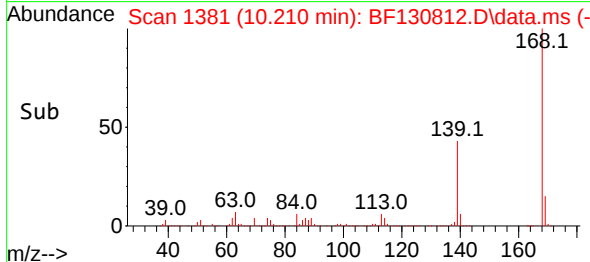
Instrument :
BNA_F
ClientSampleId :
PB148576BS



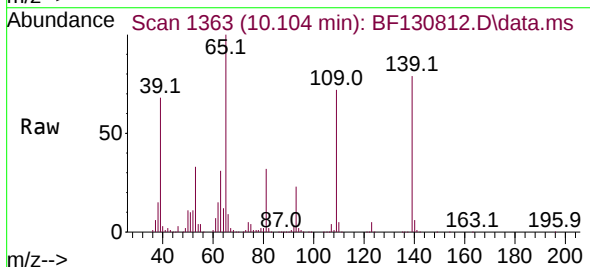
Tgt Ion:168 Resp: 790499
Ion Ratio Lower Upper
168 100
139 42.9 34.3 51.5
169 14.7 11.9 17.9

Manual Integrations
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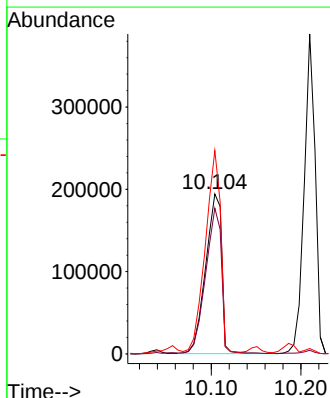
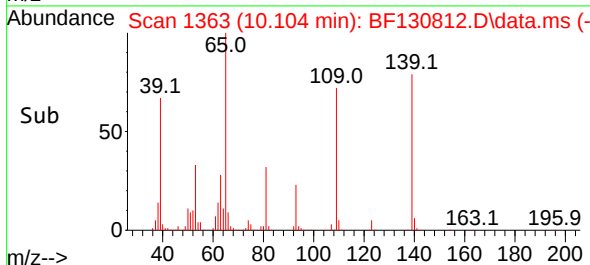
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

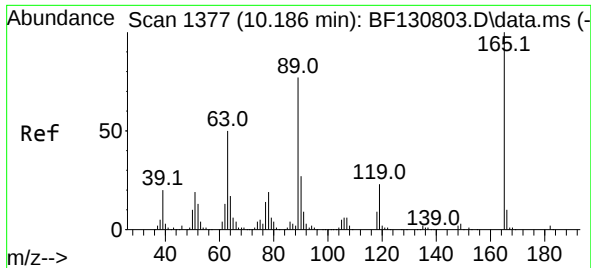


#56
4-Nitrophenol
Concen: 92.912 ng
RT: 10.104 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:139 Resp: 242171
Ion Ratio Lower Upper
139 100
109 91.1 69.3 109.3
65 127.2 105.3 145.3





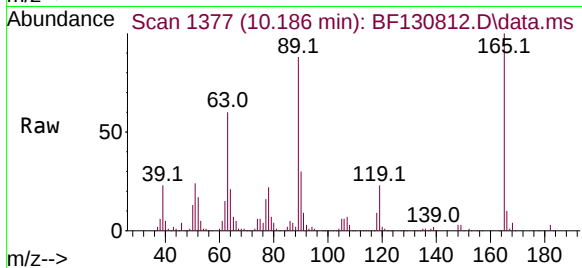
#57
2,4-Dinitrotoluene
Concen: 45.820 ng
RT: 10.186 min Scan# 1377
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

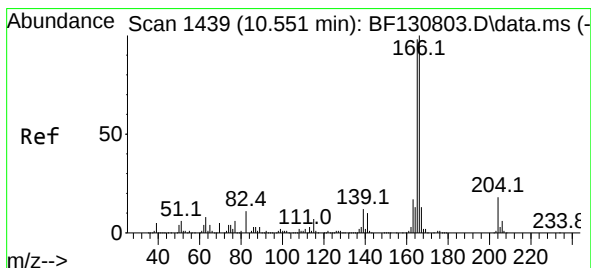
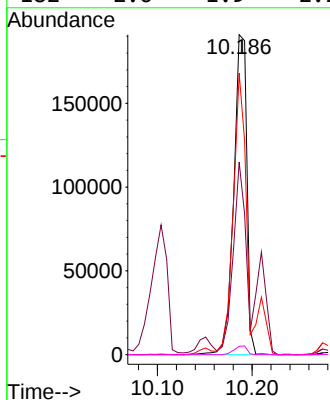
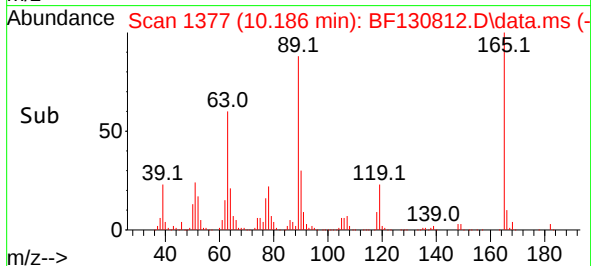


Tgt Ion:165 Resp: 184215
Ion Ratio Lower Upper
165 100
63 60.2 39.8 59.6
89 87.9 61.9 92.9
182 2.6 1.9 2.9

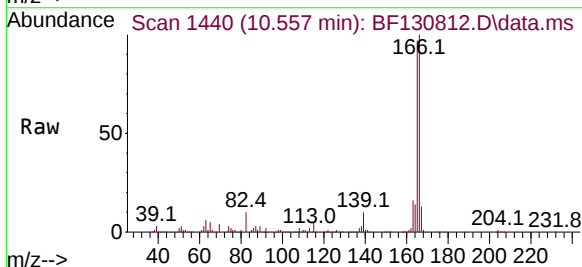
Manual Integrations

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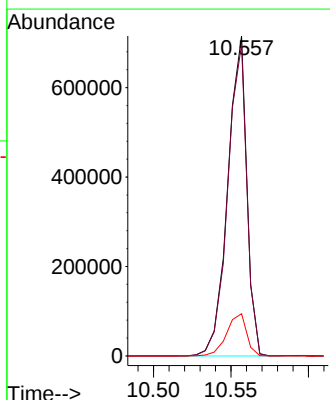
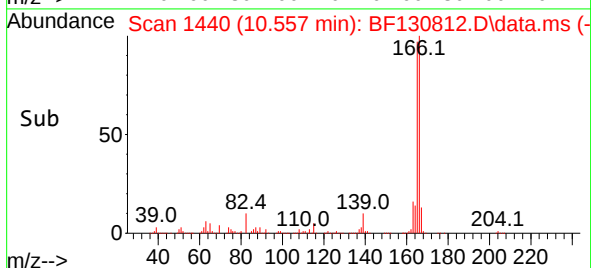
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

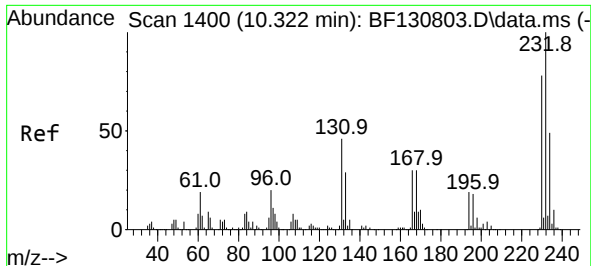


#58
Fluorene
Concen: 38.931 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



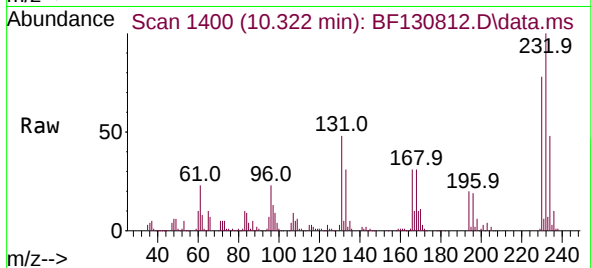
Tgt Ion:166 Resp: 610316
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.2 10.4 15.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.762 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

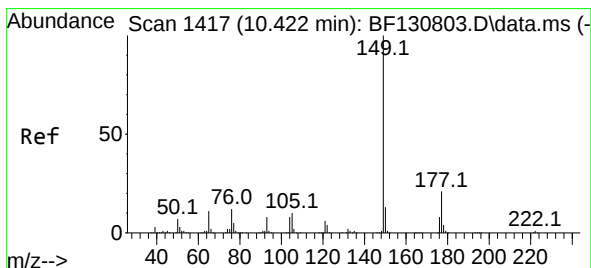
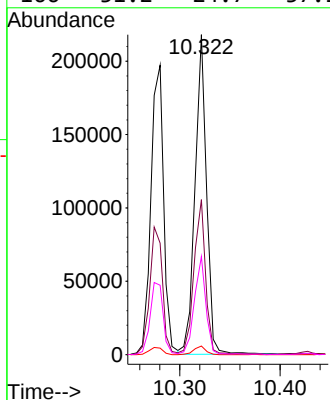
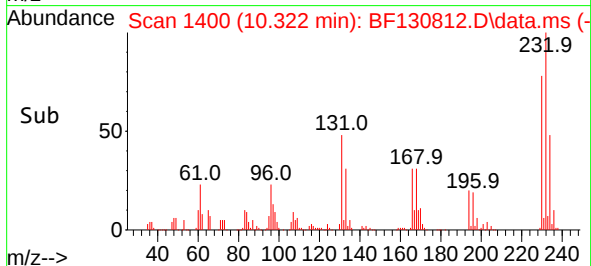
Instrument :
BNA_F
ClientSampleId :
PB148576BS



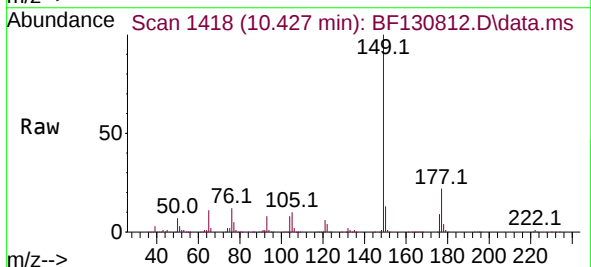
Tgt Ion:232 Resp: 174084
Ion Ratio Lower Upper
232 100
131 49.1 39.6 59.4
130 2.7 2.1 3.1
166 31.2 24.7 37.1

Manual Integrations
APPROVED

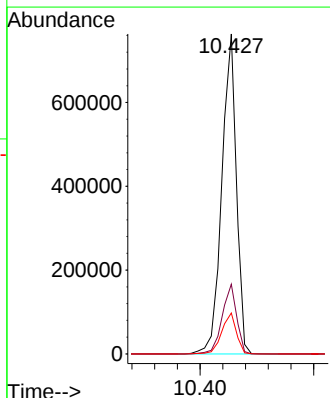
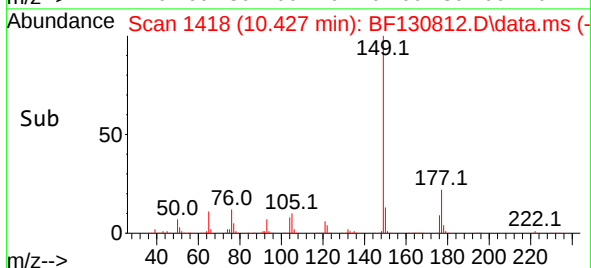
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

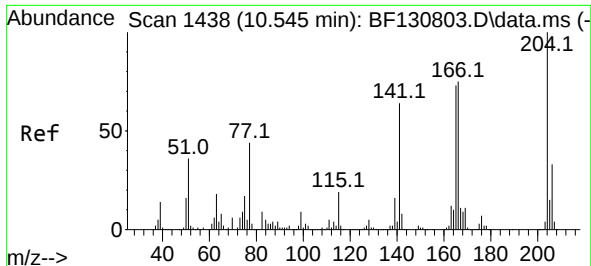


#60
Diethylphthalate
Concen: 40.817 ng
RT: 10.427 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



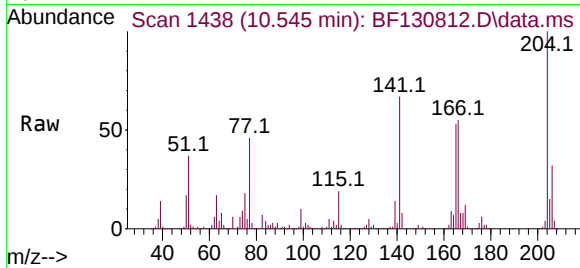
Tgt Ion:149 Resp: 678427
Ion Ratio Lower Upper
149 100
177 21.8 17.2 25.8
150 12.8 10.8 16.2





#61
4-Chlorophenyl-phenylether
Concen: 40.431 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

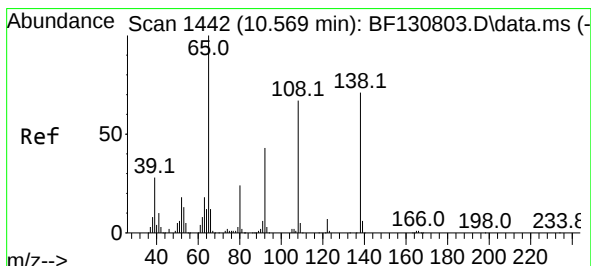
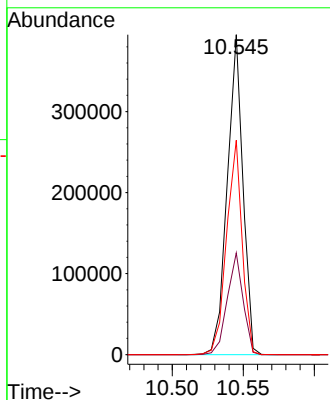
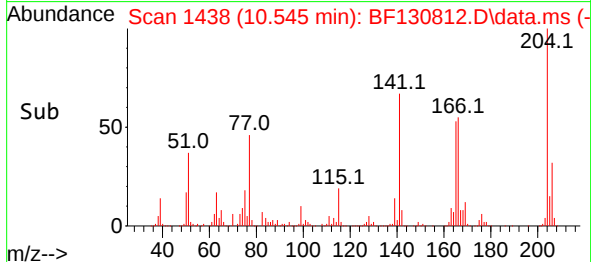
Instrument :
BNA_F
ClientSampleId :
PB148576BS



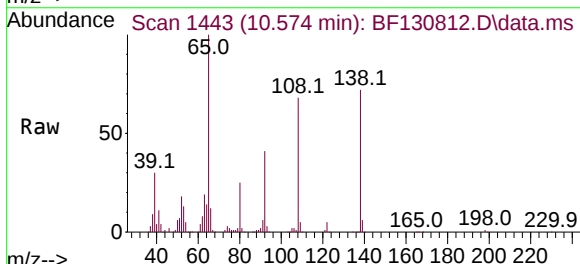
Tgt Ion:204 Resp: 303220
Ion Ratio Lower Upper
204 100
206 31.8 26.6 39.8
141 67.0 51.3 76.9

Manual Integrations
APPROVED

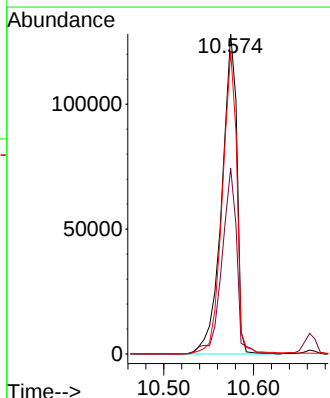
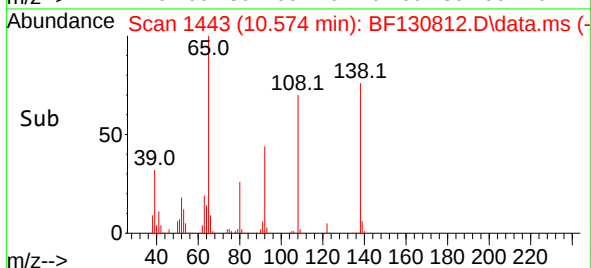
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

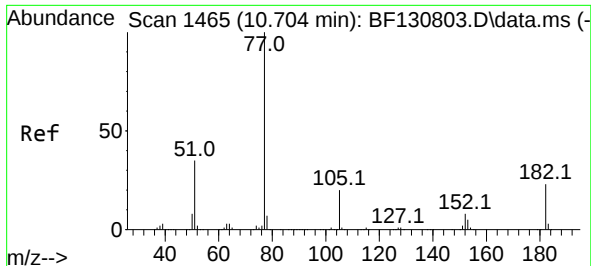


#62
4-Nitroaniline
Concen: 45.290 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:138 Resp: 150965
Ion Ratio Lower Upper
138 100
92 58.0 40.6 80.6
108 94.5 74.7 114.7





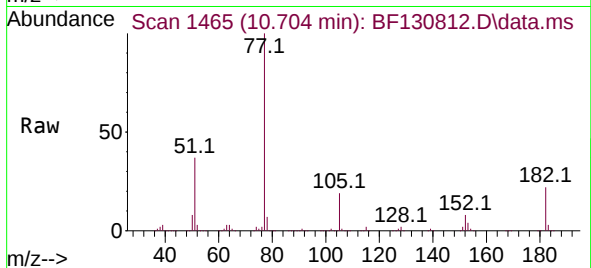
#63
Azobenzene
Concen: 40.586 ng
RT: 10.704 min Scan# 1465
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

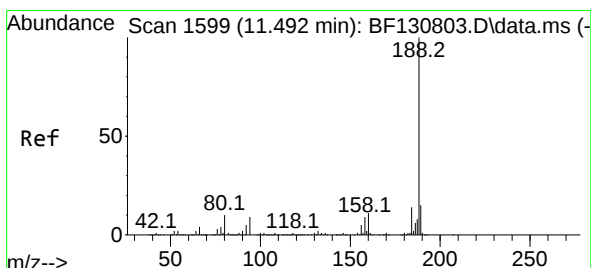
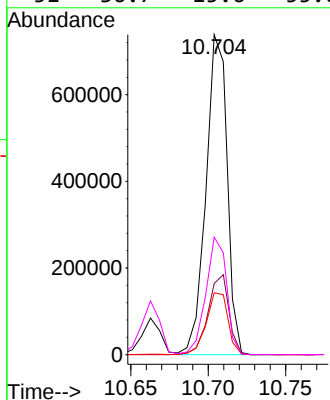
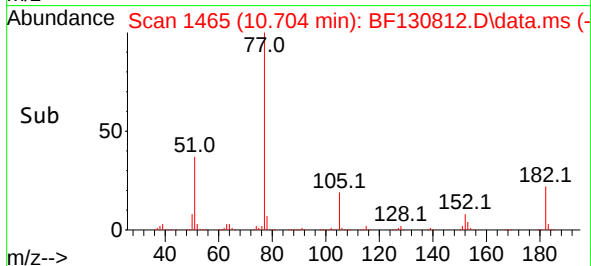


Tgt Ion: 77 Resp: 70418
Ion Ratio Lower Upper
77 100
182 22.2 2.6 42.6
105 19.3 0.0 40.0
51 36.7 15.6 55.6

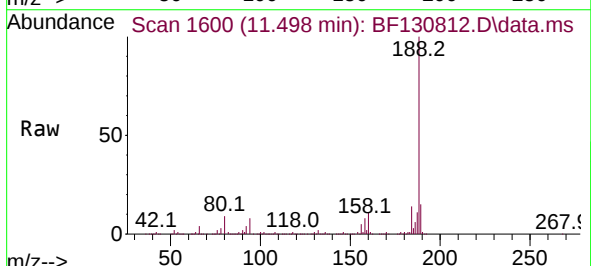
Manual Integrations

APPROVED

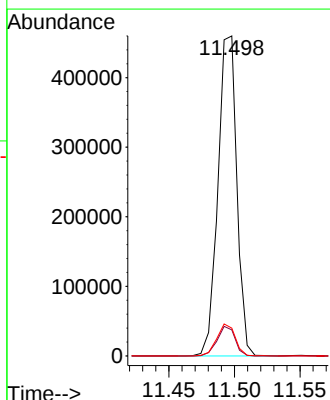
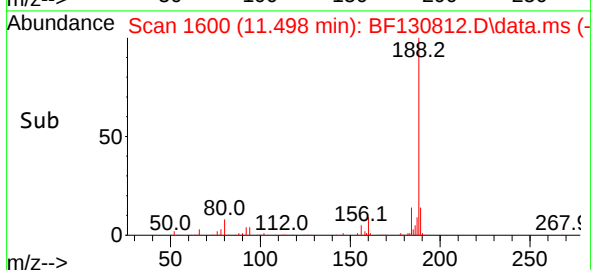
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

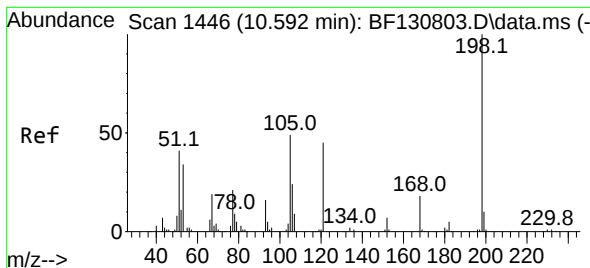


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.498 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:188 Resp: 461684
Ion Ratio Lower Upper
188 100
94 8.2 7.4 11.2
80 8.7 8.0 12.0





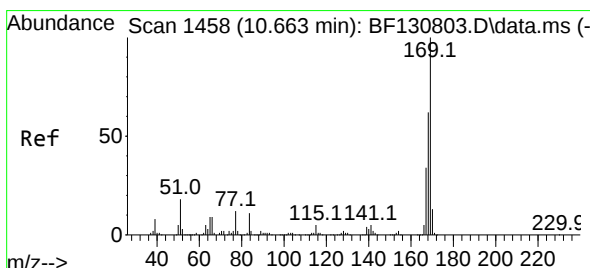
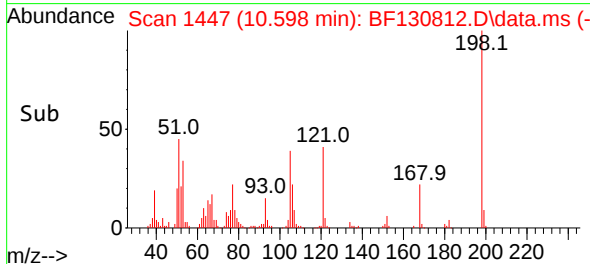
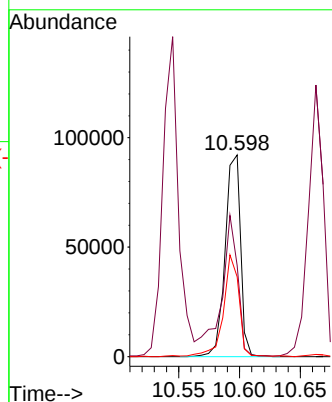
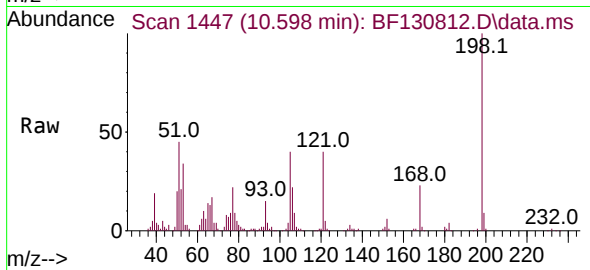
#65
4,6-Dinitro-2-methylphenol
Concen: 42.968 ng
RT: 10.598 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :
BNA_F
ClientSampleId :
PB148576BS

Tgt Ion:198 Resp: 80981
Ion Ratio Lower Upper
198 100
51 45.2 39.0 79.0
105 39.5 30.6 70.6

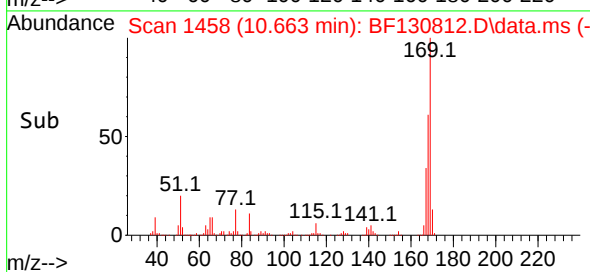
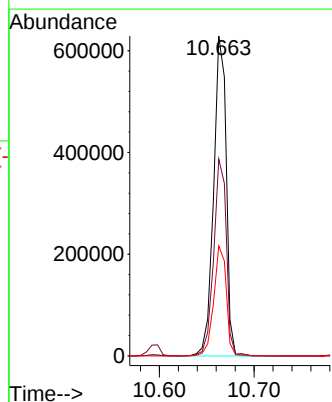
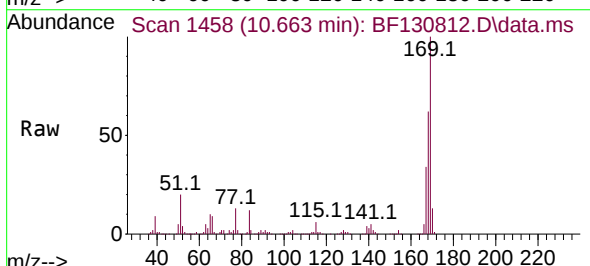
Manual Integrations
APPROVED

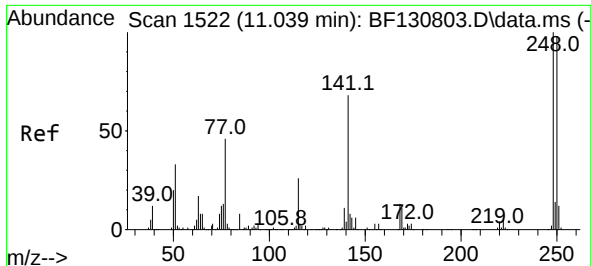
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#66
n-Nitrosodiphenylamine
Concen: 40.433 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Tgt Ion:169 Resp: 582262
Ion Ratio Lower Upper
169 100
168 61.5 49.4 74.0
167 34.4 27.4 41.2





#67
4-Bromophenyl-phenylether
Concen: 42.178 ng
RT: 11.039 min Scan# 1522
Delta R.T. 0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

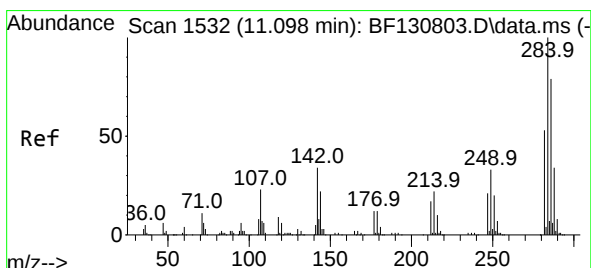
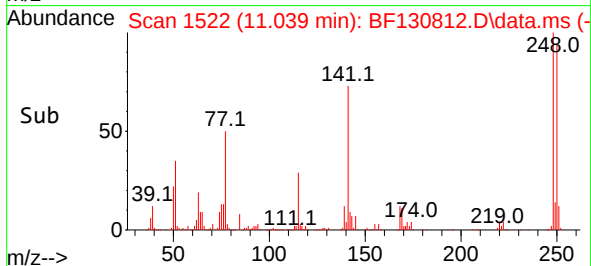
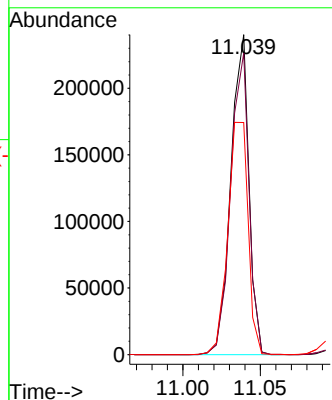
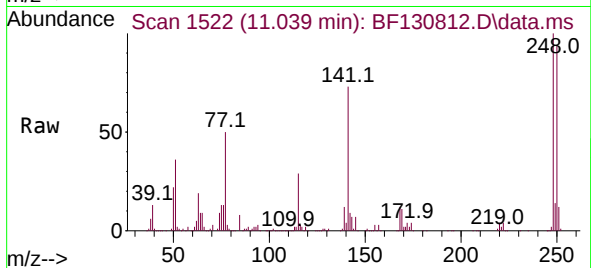
PB148576BS

Tgt Ion:248 Resp: 195832
Ion Ratio Lower Upper
248 100
250 94.2 78.6 117.8
141 72.5 54.2 81.4

Manual Integrations

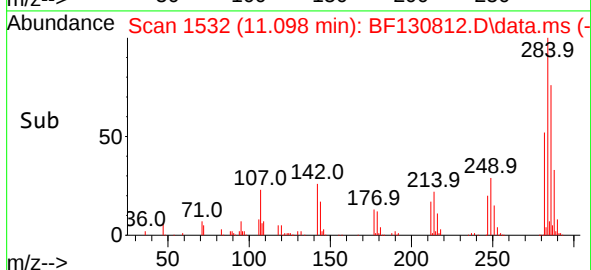
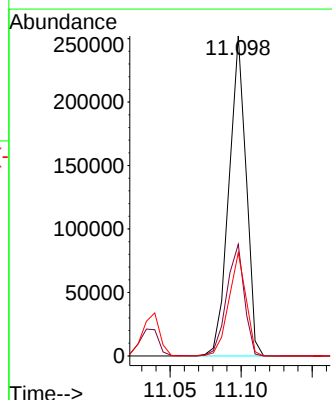
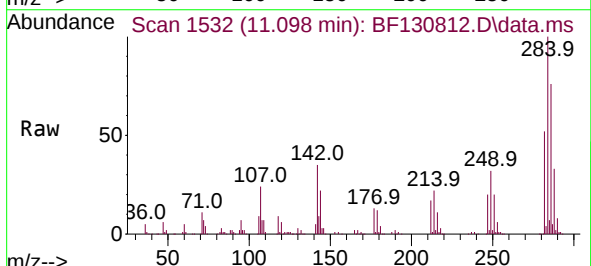
APPROVED

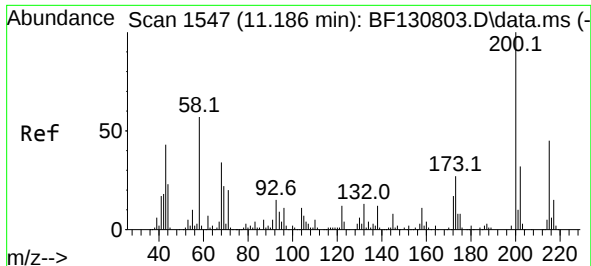
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#68
Hexachlorobenzene
Concen: 41.331 ng
RT: 11.098 min Scan# 1532
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

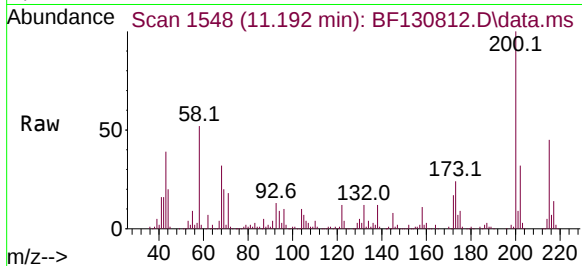
Tgt Ion:284 Resp: 211430
Ion Ratio Lower Upper
284 100
142 34.9 27.1 40.7
249 32.3 26.6 39.8





#69
 Atrazine
 Concen: 49.498 ng
 RT: 11.192 min Scan# 1548
 Delta R.T. 0.006 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

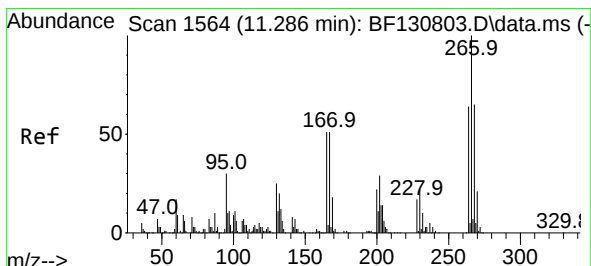
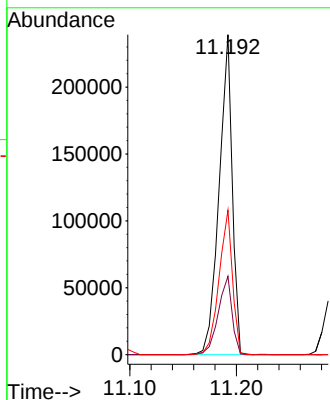
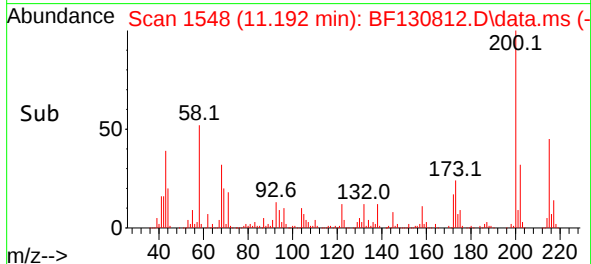
Instrument :
 BNA_F
 ClientSampleId :
 PB148576BS



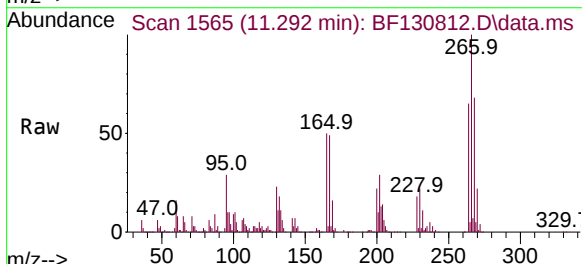
Tgt Ion:200 Resp: 20585
 Ion Ratio Lower Upper
 200 100
 173 24.5 7.1 47.1
 215 45.2 25.4 65.4

Manual Integrations
 APPROVED

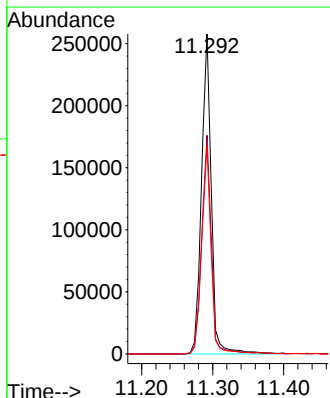
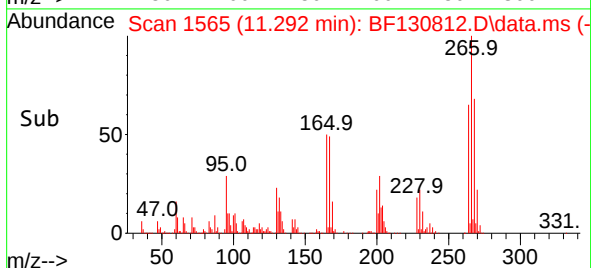
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

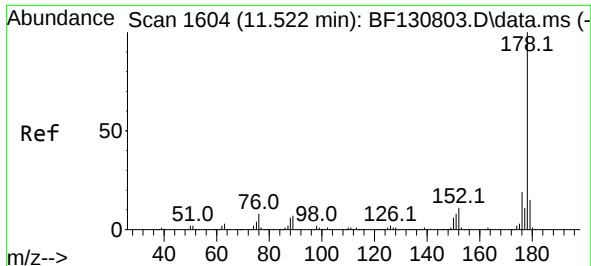


#70
 Pentachlorophenol
 Concen: 83.750 ng
 RT: 11.292 min Scan# 1565
 Delta R.T. 0.006 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54



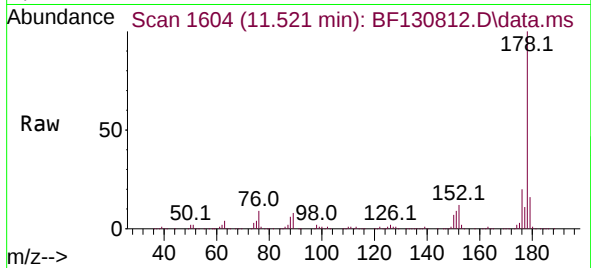
Tgt Ion:266 Resp: 244473
 Ion Ratio Lower Upper
 266 100
 268 68.3 51.8 77.6
 264 65.2 51.6 77.4





#71
Phenanthrene
Concen: 38.698 ng
RT: 11.521 min Scan# 1604
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

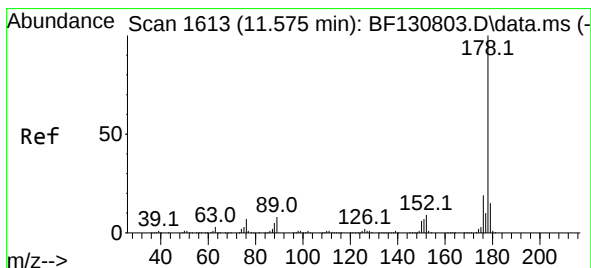
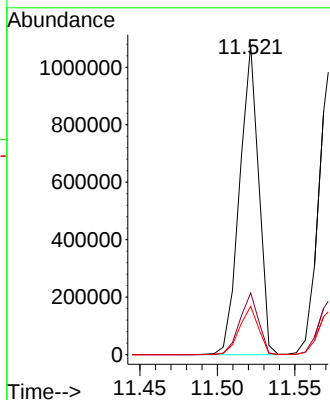
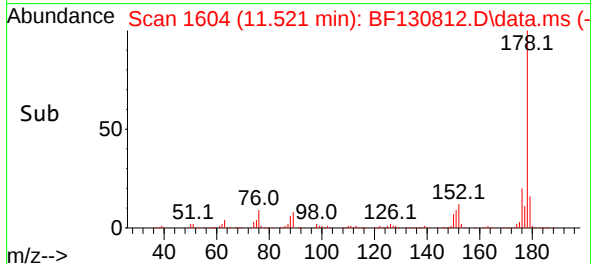
Instrument :
BNA_F
ClientSampleId :
PB148576BS



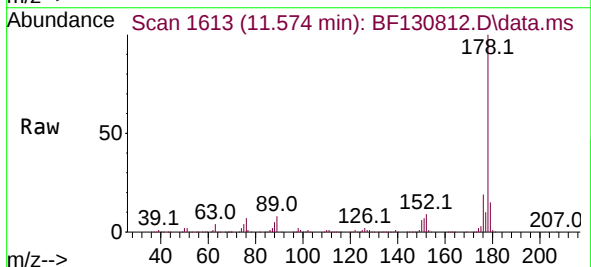
Tgt Ion:178 Resp: 922147
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 15.5 12.2 18.2

Manual Integrations
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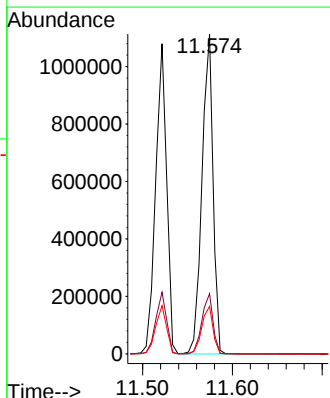
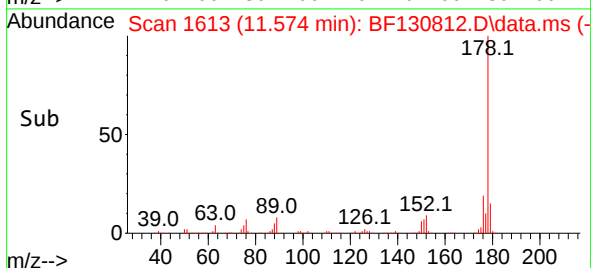
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

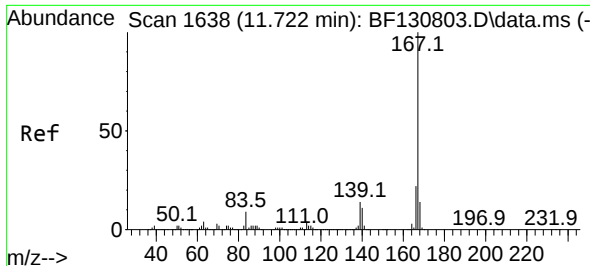


#72
Anthracene
Concen: 40.537 ng
RT: 11.574 min Scan# 1613
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



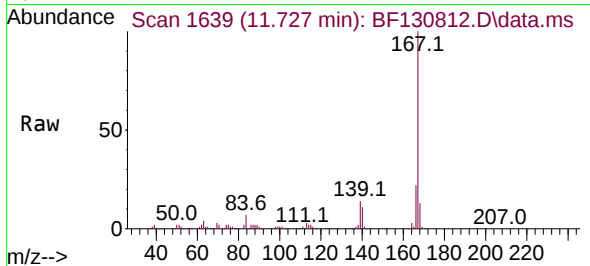
Tgt Ion:178 Resp: 952763
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 14.8 12.2 18.4





#73
 Carbazole
 Concen: 40.074 ng
 RT: 11.727 min Scan# 1638
 Delta R.T. 0.006 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

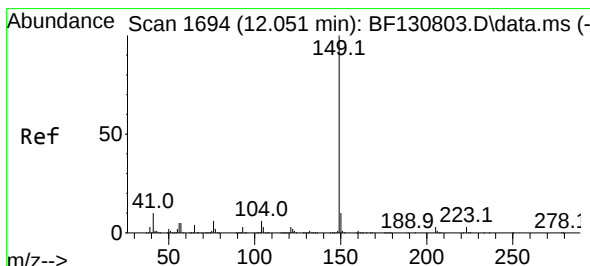
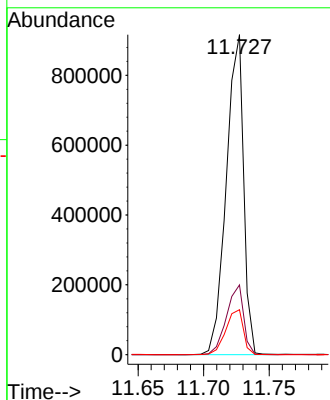
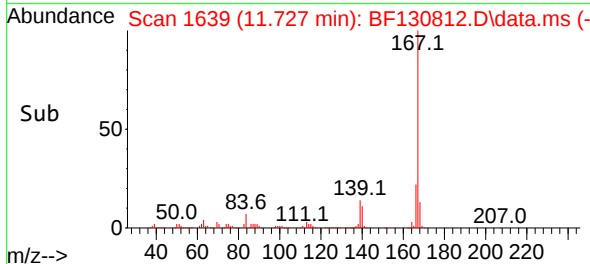
Instrument :
 BNA_F
 ClientSampleId :
 PB148576BS



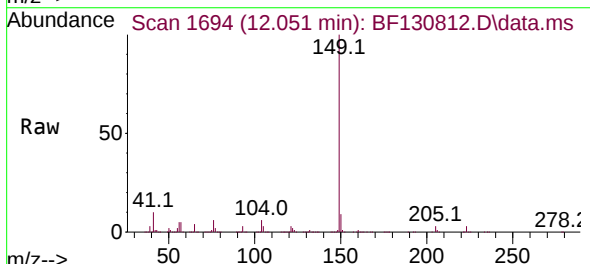
Tgt Ion:167 Resp: 843478
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 14.0 11.3 16.9

Manual Integrations
 APPROVED

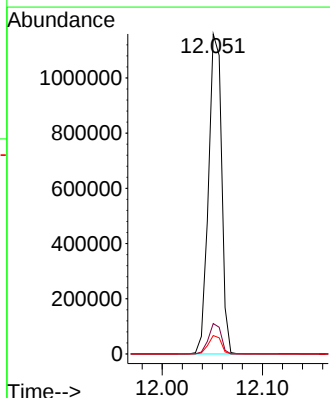
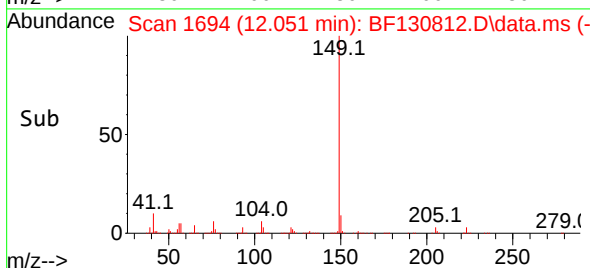
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022

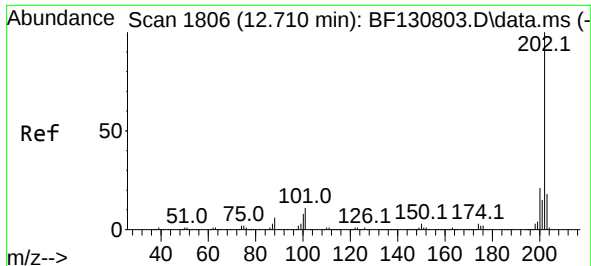


#74
 Di-n-butylphthalate
 Concen: 40.971 ng
 RT: 12.051 min Scan# 1694
 Delta R.T. -0.000 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54



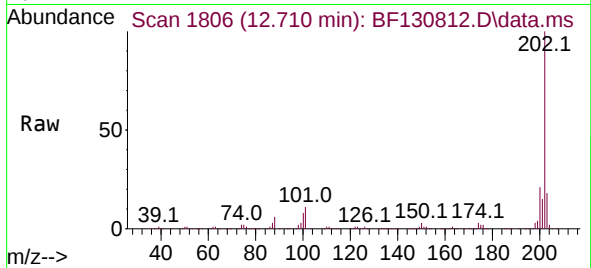
Tgt Ion:149 Resp: 1047325
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.8 11.6
 104 5.7 4.6 6.8





#75
Fluoranthene
Concen: 38.954 ng
RT: 12.710 min Scan# 1806
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

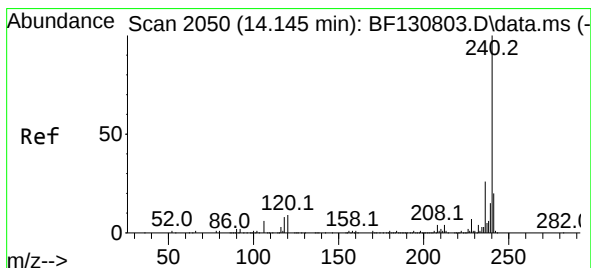
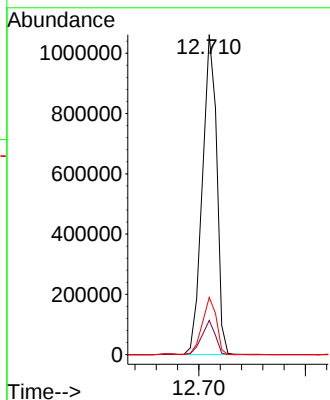
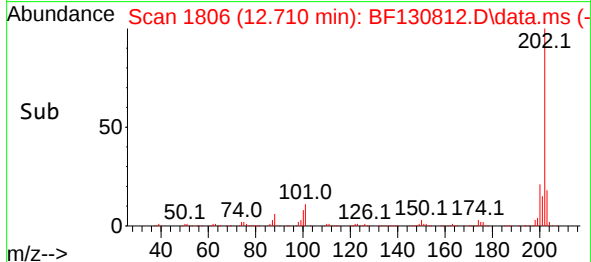
Instrument :
BNA_F
ClientSampleId :
PB148576BS



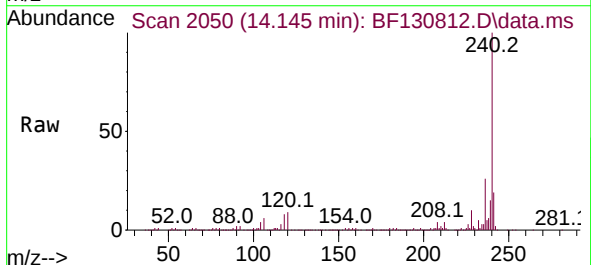
Tgt Ion:202 Resp: 986242
Ion Ratio Lower Upper
202 100
101 10.7 0.0 30.9
203 17.9 0.0 37.7

Manual Integrations
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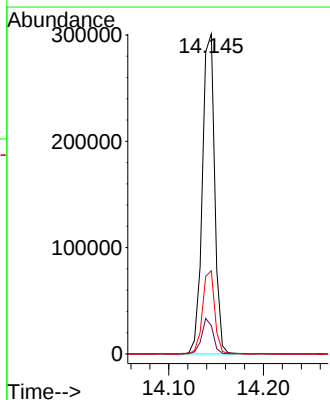
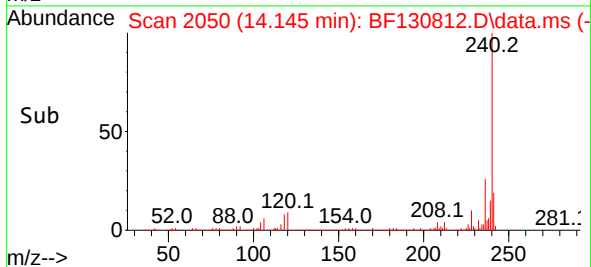
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

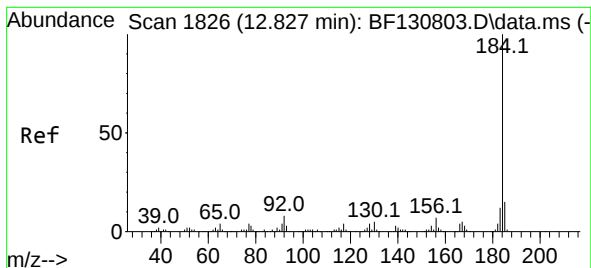


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.145 min Scan# 2050
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:240 Resp: 272317
Ion Ratio Lower Upper
240 100
120 8.8 7.0 10.4
236 26.0 20.5 30.7





#77

Benzidine

Concen: 81.061 ng

RT: 12.833 min Scan# 1827

Delta R.T. 0.006 min

Lab File: BF130812.D

Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

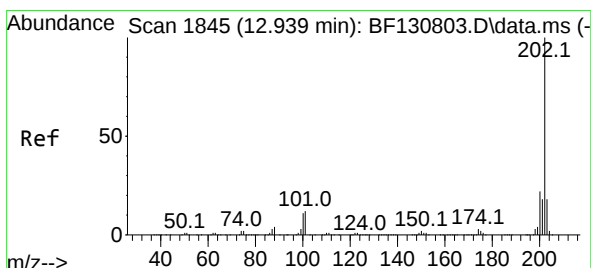
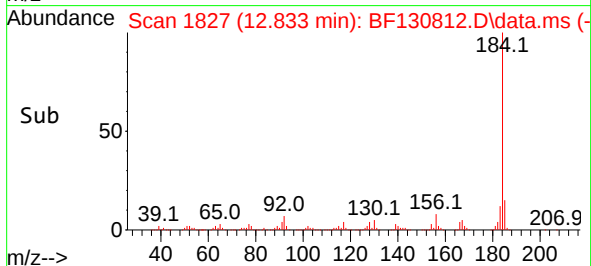
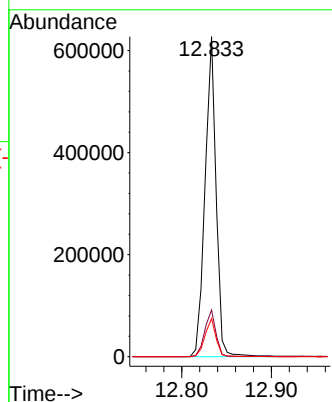
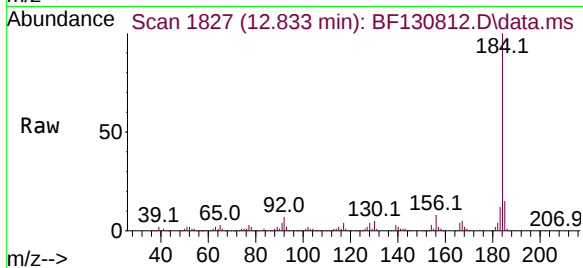
PB148576BS

Tgt Ion:184 Resp: 535849
 Ion Ratio Lower Upper
 184 100
 185 14.6 11.8 17.8
 183 11.9 9.7 14.5

Manual Integrations

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Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#78

Pyrene

Concen: 43.212 ng

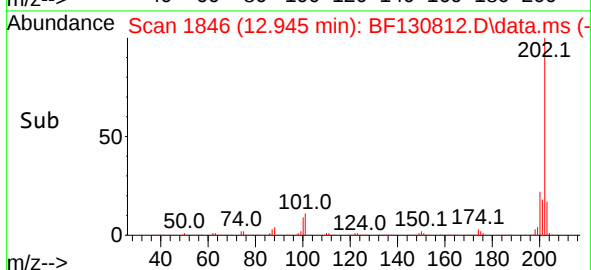
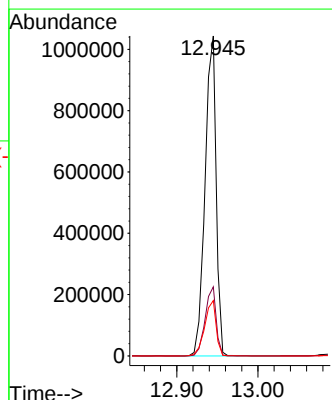
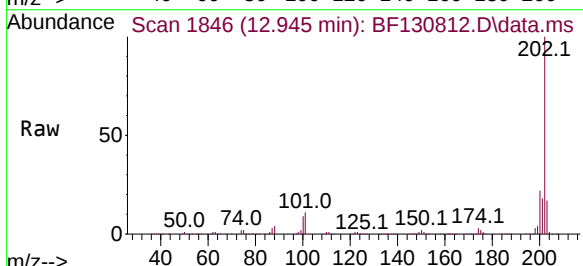
RT: 12.945 min Scan# 1846

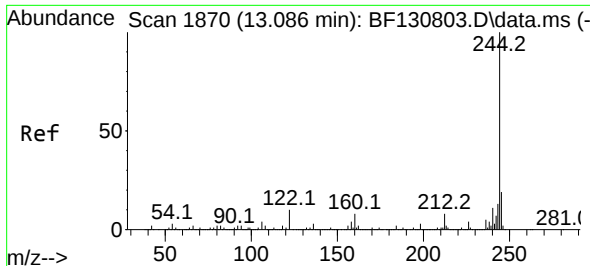
Delta R.T. 0.006 min

Lab File: BF130812.D

Acq: 27 Oct 2022 22:54

Tgt Ion:202 Resp: 992798
 Ion Ratio Lower Upper
 202 100
 200 21.6 17.2 25.8
 203 17.3 14.5 21.7





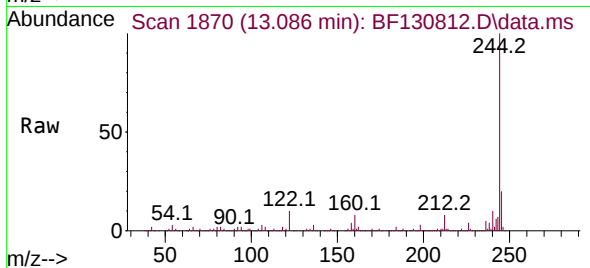
#79
 Terphenyl-d14
 Concen: 93.632 ng
 RT: 13.086 min Scan# 1870
 Delta R.T. 0.000 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

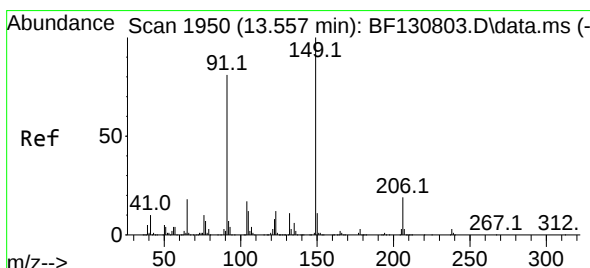
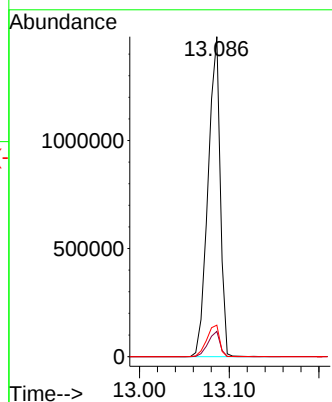
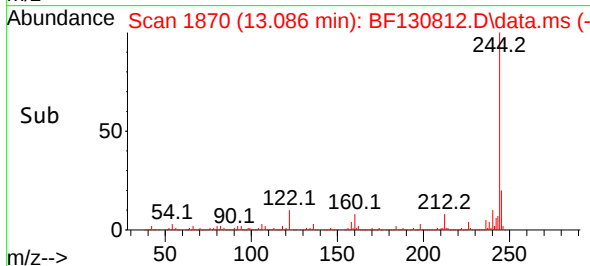


Tgt Ion:244 Resp: 139144
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 9.8 7.9 11.9

Manual Integrations

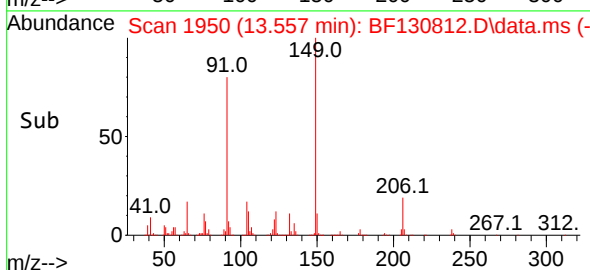
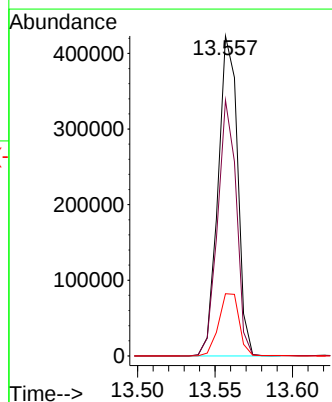
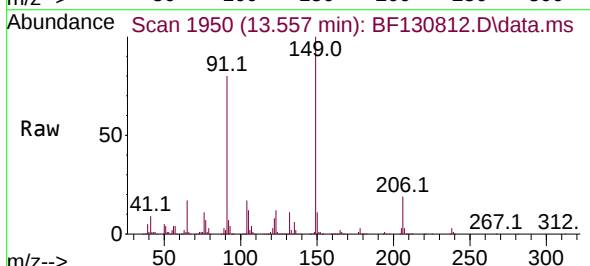
APPROVED

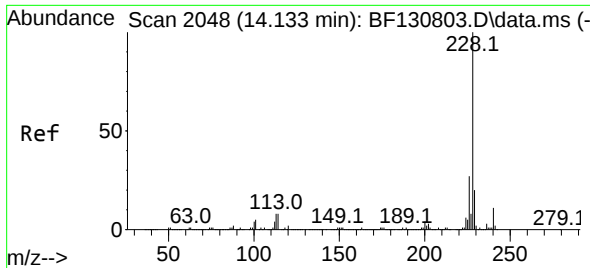
Reviewed By :Christian Giraldo 10/28/2022
 Supervised By :mohammad ahmed 11/04/2022



#80
 Butylbenzylphthalate
 Concen: 45.072 ng
 RT: 13.557 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: BF130812.D
 Acq: 27 Oct 2022 22:54

Tgt Ion:149 Resp: 372553
 Ion Ratio Lower Upper
 149 100
 91 79.9 64.5 96.7
 206 19.4 15.3 22.9





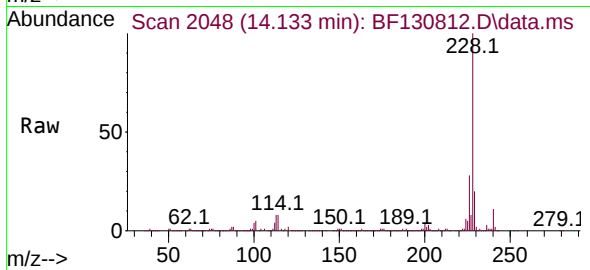
#81
Benzo(a)anthracene
Concen: 40.484 ng
RT: 14.133 min Scan# 2048
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

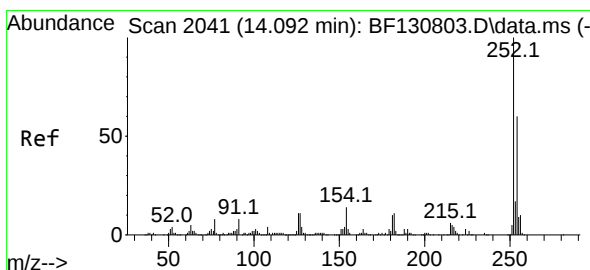
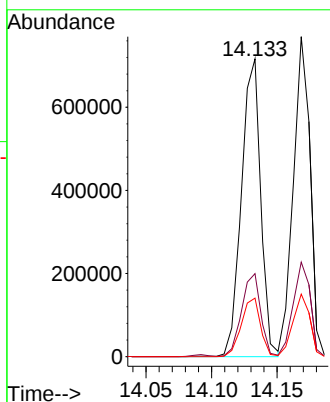
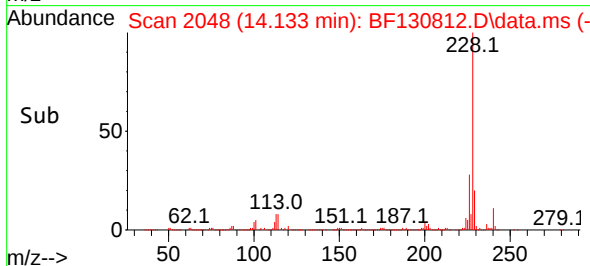


Tgt Ion:228 Resp: 730915
Ion Ratio Lower Upper
228 100
226 27.9 21.4 32.2
229 19.7 15.8 23.6

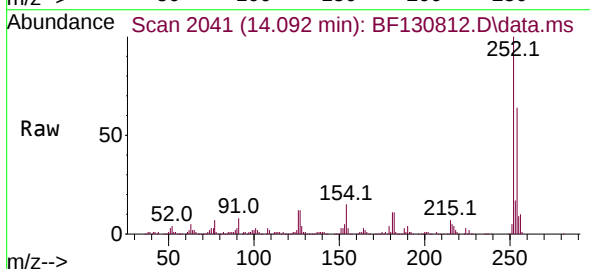
Manual Integrations

APPROVED

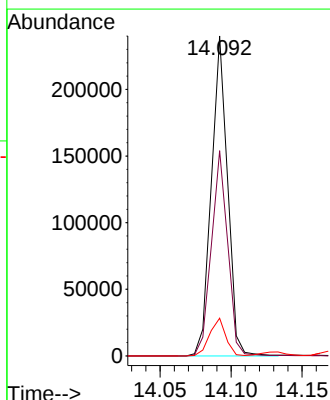
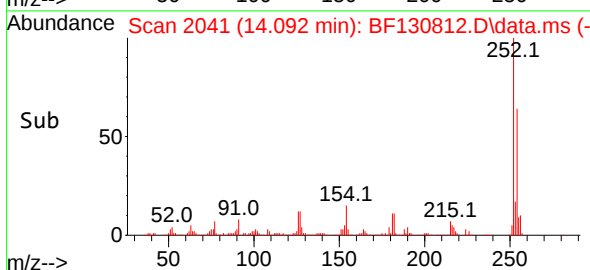
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

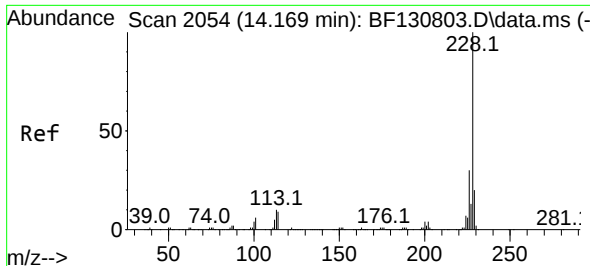


#82
3,3'-Dichlorobenzidine
Concen: 39.138 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



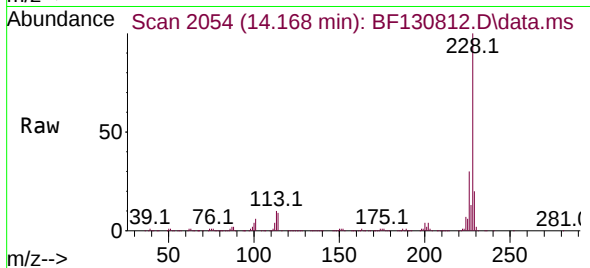
Tgt Ion:252 Resp: 190713
Ion Ratio Lower Upper
252 100
254 64.1 47.8 71.6
126 11.8 9.0 13.6





#83
Chrysene
Concen: 39.625 ng
RT: 14.168 min Scan# 2054
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

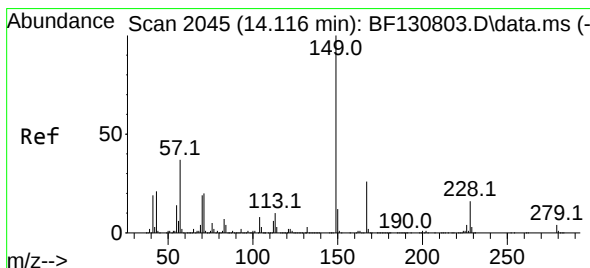
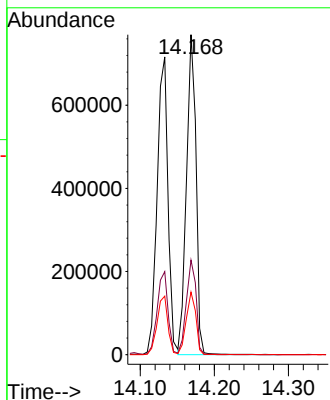
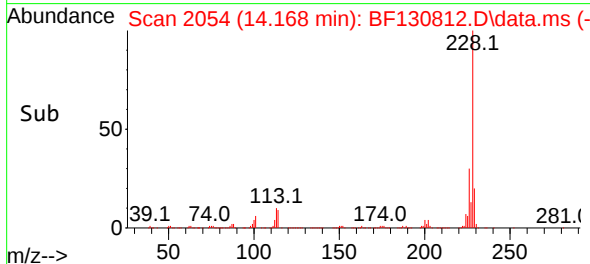
Instrument :
BNA_F
ClientSampleId :
PB148576BS



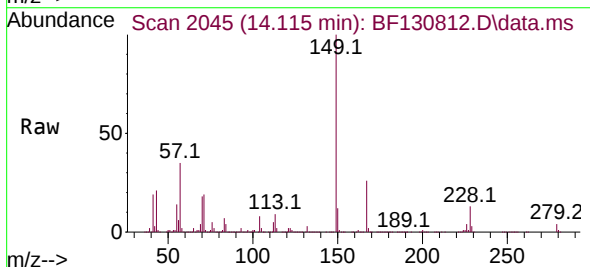
Tgt Ion:228 Resp: 690078
Ion Ratio Lower Upper
228 100
226 29.5 23.9 35.9
229 19.5 15.8 23.6

Manual Integrations
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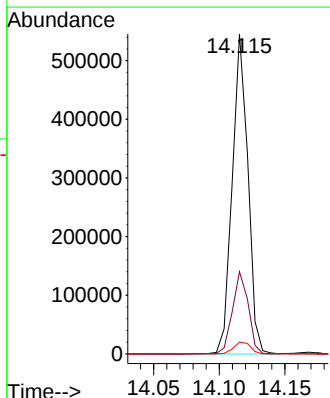
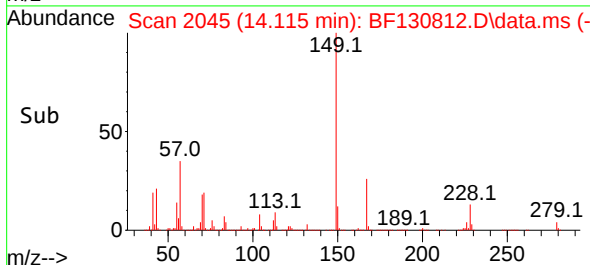
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022

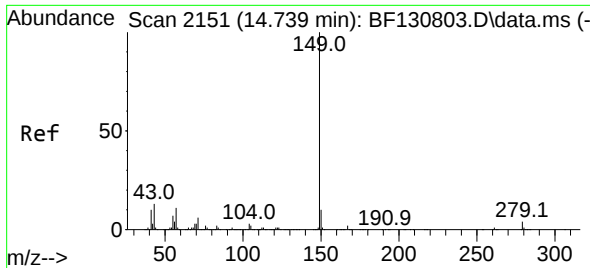


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.450 ng
RT: 14.115 min Scan# 2045
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:149 Resp: 451698
Ion Ratio Lower Upper
149 100
167 25.7 21.0 31.4
279 3.7 3.0 4.6





#85
Di-n-octyl phthalate
Concen: 45.319 ng
RT: 14.739 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

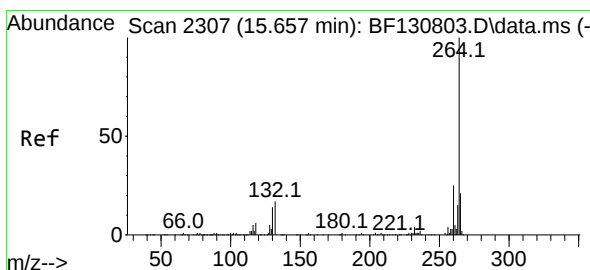
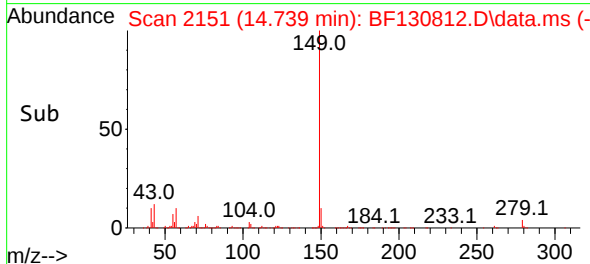
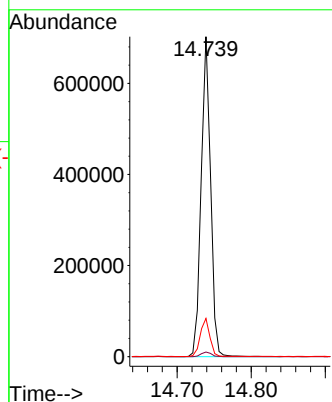
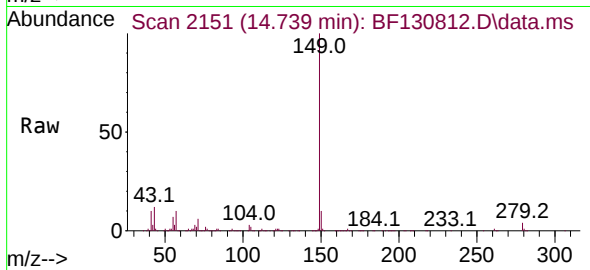
ClientSampleId :

PB148576BS

Tgt Ion:149 Resp: 621600
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 12.0 10.2 15.2

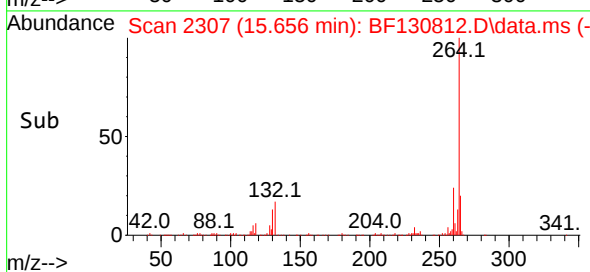
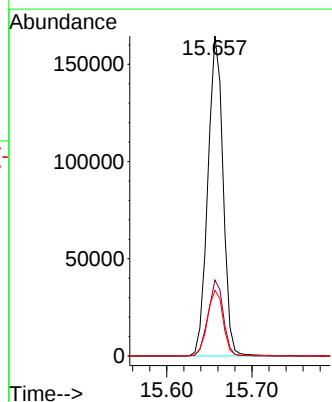
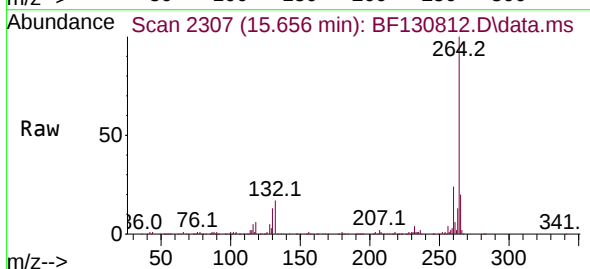
Manual Integrations
APPROVED

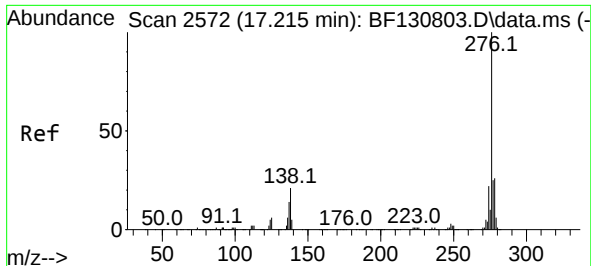
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.656 min Scan# 2307
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Tgt Ion:264 Resp: 203348
Ion Ratio Lower Upper
264 100
260 23.7 19.9 29.9
265 20.5 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.673 ng
RT: 17.215 min Scan# 2572
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

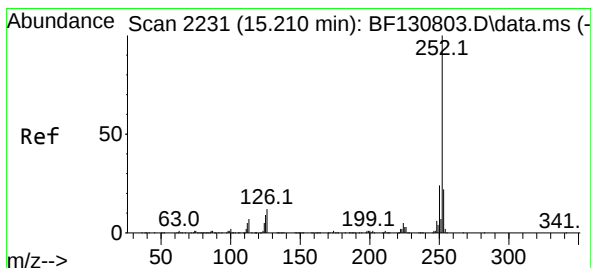
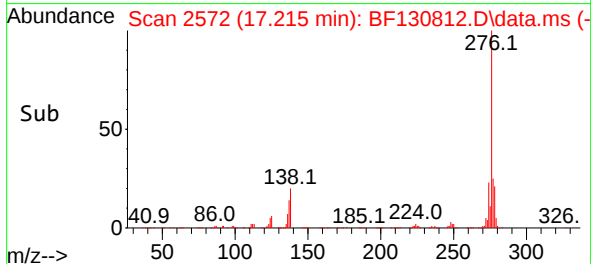
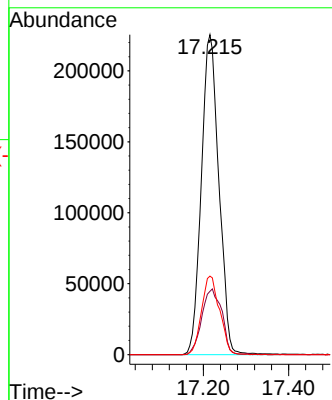
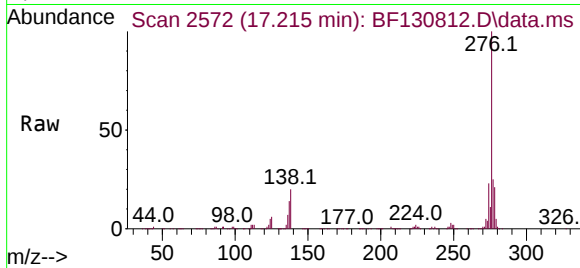
ClientSampleId :

PB148576BS

Tgt Ion:276 Resp: 643763
Ion Ratio Lower Upper
276 100
138 23.3 19.1 28.7
277 25.3 20.1 30.1

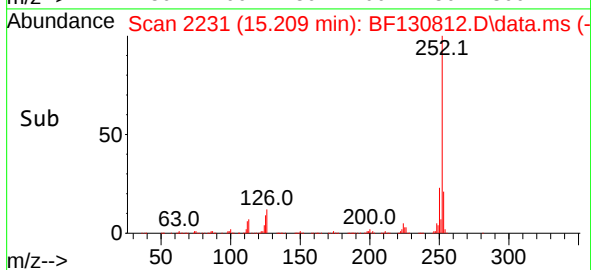
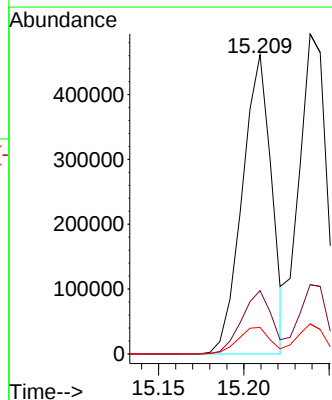
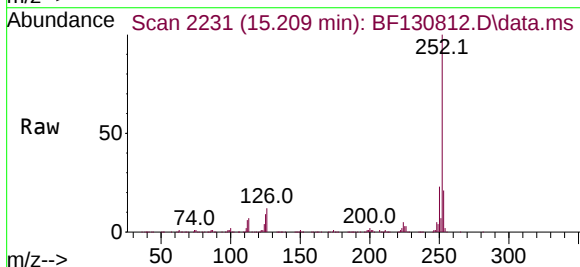
Manual Integrations
APPROVED

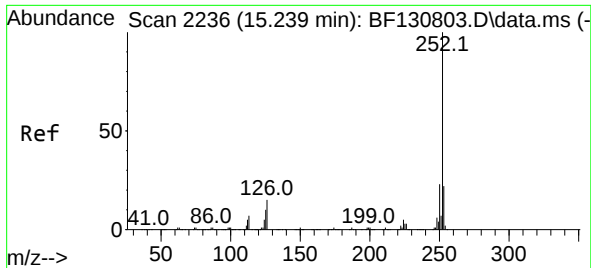
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#88
Benzo(b)fluoranthene
Concen: 42.018 ng
RT: 15.209 min Scan# 2231
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

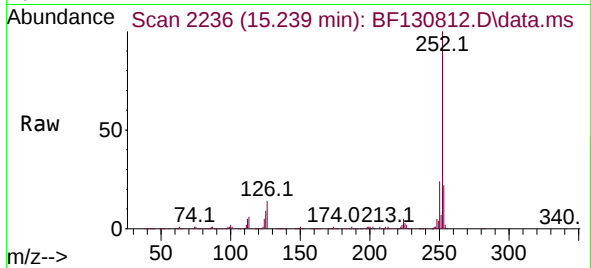
Tgt Ion:252 Resp: 552333
Ion Ratio Lower Upper
252 100
253 21.1 17.5 26.3
125 8.9 7.0 10.4





#89
Benzo(k)fluoranthene
Concen: 43.350 ng
RT: 15.239 min Scan# 2236
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

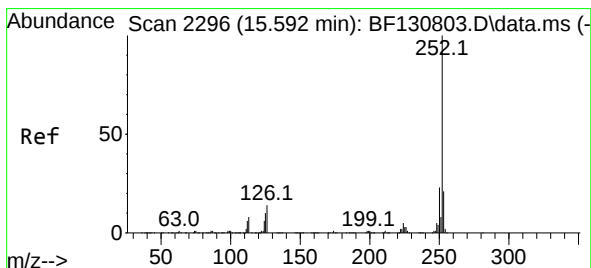
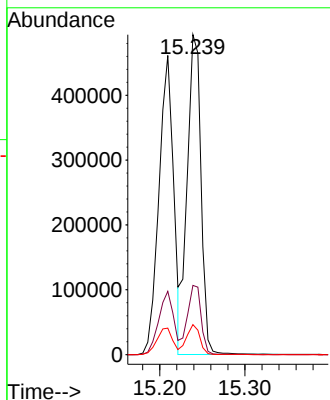
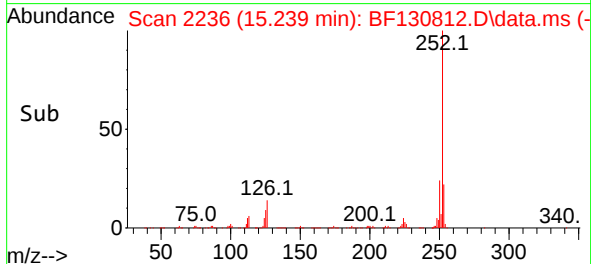
Instrument :
BNA_F
ClientSampleId :
PB148576BS



Tgt Ion:252 Resp: 555268
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.4 8.0 12.0

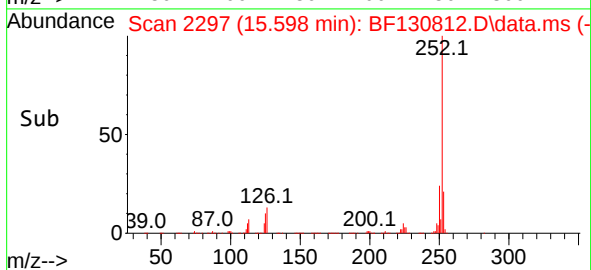
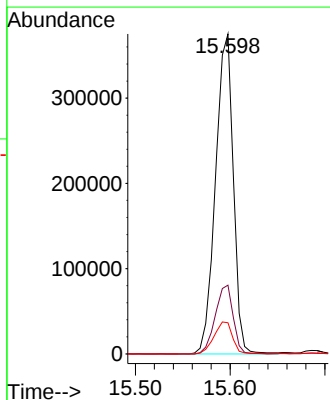
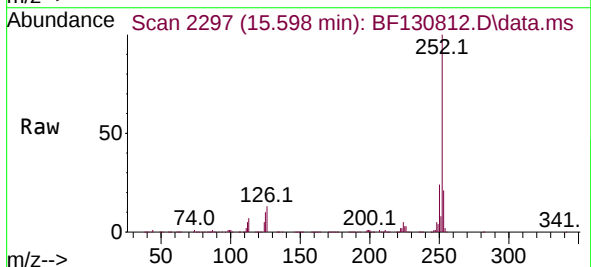
Manual Integrations
APPROVED

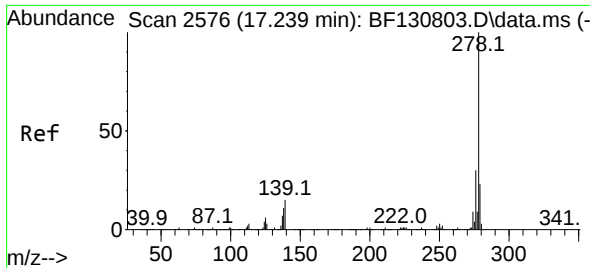
Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#90
Benzo(a)pyrene
Concen: 46.279 ng
RT: 15.598 min Scan# 2297
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Tgt Ion:252 Resp: 489035
Ion Ratio Lower Upper
252 100
253 21.5 16.8 25.2
125 9.7 8.3 12.5





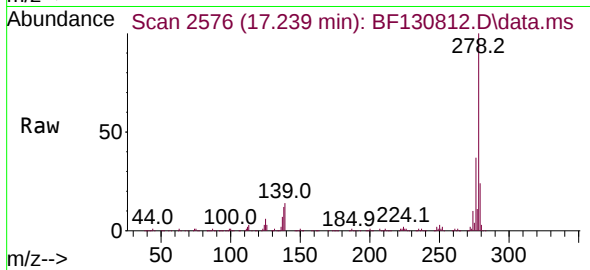
#91
Dibenzo(a,h)anthracene
Concen: 50.679 ng
RT: 17.239 min Scan# 2576
Delta R.T. -0.000 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54

Instrument :

BNA_F

ClientSampleId :

PB148576BS

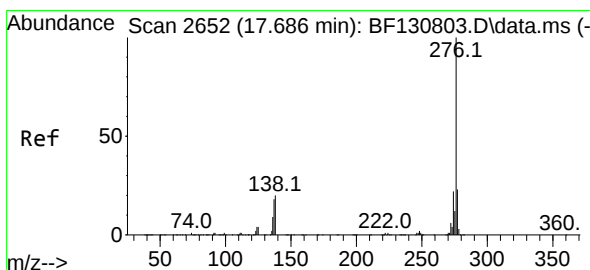
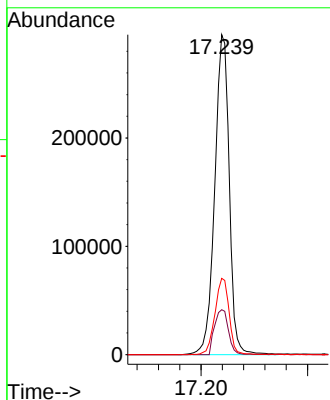
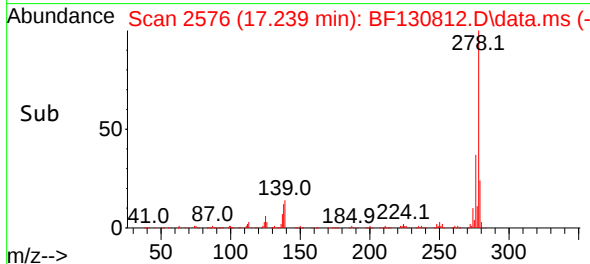


Tgt Ion:278 Resp: 557896
Ion Ratio Lower Upper
278 100
139 14.0 11.9 17.9
279 23.8 18.6 28.0

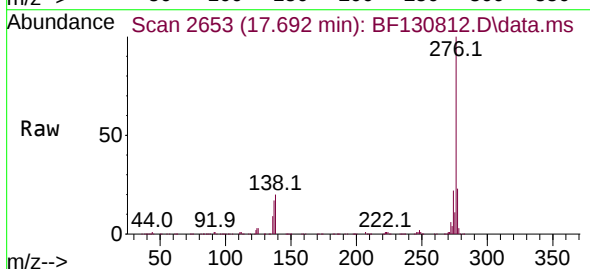
Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/28/2022
Supervised By :mohammad ahmed 11/04/2022



#92
Benzo(g,h,i)perylene
Concen: 51.589 ng
RT: 17.692 min Scan# 2653
Delta R.T. 0.006 min
Lab File: BF130812.D
Acq: 27 Oct 2022 22:54



Tgt Ion:276 Resp: 579385
Ion Ratio Lower Upper
276 100
277 23.4 18.8 28.2
138 19.5 16.3 24.5

