

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101322\
 Data File : BF130644.D
 Acq On : 13 Oct 2022 13:22
 Operator : CG\JU
 Sample : PB148309BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148309BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 10/17/2022
 Supervised By : mohammad ahmed 10/18/2022

Quant Time: Oct 14 05:58:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 12 06:52:52 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.587	152	90635	20.000	ng	0.00
21) Naphthalene-d8	7.875	136	358886	20.000	ng	0.00
39) Acenaphthene-d10	9.622	164	196109	20.000	ng	0.00
64) Phenanthrene-d10	11.098	188	348333	20.000	ng	0.00
76) Chrysene-d12	13.733	240	231307	20.000	ng	# 0.00
86) Perylene-d12	15.104	264	167544	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.199	112	691345	137.494	ng	0.01
7) Phenol-d6	6.246	99	835626	132.182	ng	0.00
23) Nitrobenzene-d5	7.163	82	526433	80.076	ng	0.00
42) 2,4,6-Tribromophenol	10.416	330	295369	153.925	ng	0.00
45) 2-Fluorobiphenyl	8.951	172	1102106	85.127	ng	0.00
79) Terphenyl-d14	12.686	244	1258433	90.298	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.240	88	76918	25.285	ng	100
3) Pyridine	2.905	79	185871	34.158	ng	97
4) n-Nitrosodimethylamine	2.863	42	113572	44.298	ng	93
6) Aniline	6.257	93	297690	39.332	ng	# 61
8) 2-Chlorophenol	6.375	128	267233	45.193	ng	98
9) Benzaldehyde	6.140	77	87198	21.954	ng	97
10) Phenol	6.257	94	318145	43.494	ng	99
11) bis(2-Chloroethyl)ether	6.334	93	233213	43.892	ng	96
12) 1,3-Dichlorobenzene	6.528	146	284964	44.014	ng	99
13) 1,4-Dichlorobenzene	6.604	146	291030	44.309	ng	98
14) 1,2-Dichlorobenzene	6.757	146	276635	45.223	ng	98
15) Benzyl Alcohol	6.746	79	205648	45.309	ng	99
16) 2,2'-oxybis(1-Chloropr...	6.875	45	291276	42.610	ng	94
17) 2-Methylphenol	6.863	107	206495	43.901	ng	97
18) Hexachloroethane	7.093	117	108231	43.557	ng	98
19) n-Nitroso-di-n-propyla...	7.016	70	176007	43.153	ng	99
20) 3+4-Methylphenols	7.016	107	265429	42.112	ng	93
22) Acetophenone	7.010	105	378240	43.934	ng	99
24) Nitrobenzene	7.181	77	268315	40.584	ng	100
25) Isophorone	7.422	82	483003	44.144	ng	100
26) 2-Nitrophenol	7.498	139	142955	44.092	ng	98
27) 2,4-Dimethylphenol	7.545	122	227496	50.344	ng	100
28) bis(2-Chloroethoxy)met...	7.634	93	291836	46.064	ng	99
29) 2,4-Dichlorophenol	7.740	162	224304	44.366	ng	99
30) 1,2,4-Trichlorobenzene	7.816	180	232520	42.660	ng	99
31) Naphthalene	7.893	128	766206	41.244	ng	99
32) Benzoic acid	7.704	122	124226	43.454	ng	97
33) 4-Chloroaniline	7.951	127	266248	36.997	ng	100
34) Hexachlorobutadiene	8.010	225	150316	44.434	ng	99
35) Caprolactam	8.340	113	67404m	44.311	ng	
36) 4-Chloro-3-methylphenol	8.451	107	241289	43.998	ng	100
37) 2-Methylnaphthalene	8.587	142	509825	43.609	ng	100
38) 1-Methylnaphthalene	8.681	142	481481	42.424	ng	99
40) 1,2,4,5-Tetrachloroben...	8.751	216	242434	45.565	ng	97
41) Hexachlorocyclopentadiene	8.734	237	217722	103.694	ng	98
43) 2,4,6-Trichlorophenol	8.869	196	153438	42.950	ng	100

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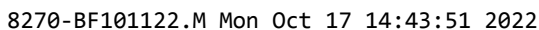
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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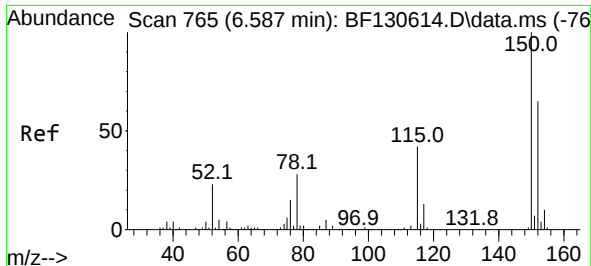
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.916	196	164001	41.744	ng	99
46) 1,1'-Biphenyl	9.051	154	634751	44.662	ng	100
47) 2-Chloronaphthalene	9.075	162	496838	42.773	ng	99
48) 2-Nitroaniline	9.181	65	146269	41.832	ng	94
49) Acenaphthylene	9.487	152	738200	42.415	ng	98
50) Dimethylphthalate	9.363	163	594353	43.782	ng	99
51) 2,6-Dinitrotoluene	9.422	165	134092	45.030	ng	95
52) Acenaphthene	9.657	154	445058	42.207	ng	99
53) 3-Nitroaniline	9.592	138	113366	34.730	ng	97
54) 2,4-Dinitrophenol	9.704	184	131686	86.362	ng	# 85
55) Dibenzofuran	9.828	168	685399	42.668	ng	99
56) 4-Nitrophenol	9.775	139	157504	87.513	ng	95
57) 2,4-Dinitrotoluene	9.828	165	173327	45.289	ng	93
58) Fluorene	10.169	166	571836	43.300	ng	98
59) 2,3,4,6-Tetrachlorophenol	9.951	232	129943	41.486	ng	99
60) Diethylphthalate	10.057	149	577565	42.642	ng	99
61) 4-Chlorophenyl-phenyle...	10.163	204	268907	45.038	ng	100
62) 4-Nitroaniline	10.210	138	131021	42.041	ng	97
63) Azobenzene	10.322	77	515757	40.429	ng	98
65) 4,6-Dinitro-2-methylph...	10.239	198	92794	42.628	ng	96
66) n-Nitrosodiphenylamine	10.292	169	494217	42.653	ng	100
67) 4-Bromophenyl-phenylether	10.651	248	175950	44.642	ng	98
68) Hexachlorobenzene	10.710	284	205151	46.045	ng	99
69) Atrazine	10.822	200	160379	50.830	ng	99
70) Pentachlorophenol	10.916	266	163964	94.556	ng	96
71) Phenanthrene	11.128	178	808947	41.917	ng	99
72) Anthracene	11.181	178	823708	43.702	ng	99
73) Carbazole	11.339	167	736619	43.798	ng	100
74) Di-n-butylphthalate	11.669	149	900939	44.223	ng	99
75) Fluoranthene	12.310	202	835899	45.066	ng	99
77) Benzidine	12.439	184	322982	55.243	ng	99
78) Pyrene	12.533	202	838486	42.019	ng	100
80) Butylbenzylphthalate	13.163	149	339205	44.206	ng	99
81) Benzo(a)anthracene	13.722	228	656998	42.154	ng	100
82) 3,3'-Dichlorobenzidine	13.692	252	202577	44.979	ng	# 98
83) Chrysene	13.757	228	602105	40.745	ng	99
84) Bis(2-ethylhexyl)phtha...	13.722	149	427620	45.968	ng	100
85) Di-n-octyl phthalate	14.327	149	577348	40.525	ng	99
87) Indeno(1,2,3-cd)pyrene	16.398	276	583347	46.519	ng	99
88) Benzo(b)fluoranthene	14.727	252	531838	50.130	ng	99
89) Benzo(k)fluoranthene	14.751	252	490704	45.425	ng	100
90) Benzo(a)pyrene	15.051	252	436181	49.398	ng	98
91) Dibenzo(a,h)anthracene	16.404	278	512140	49.824	ng	100
92) Benzo(g,h,i)perylene	16.780	276	502736	52.512	ng	97

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

Manual Integrations APPROVED

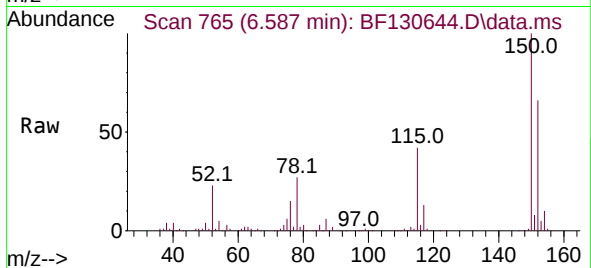
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.587 min Scan# 765
Delta R.T. -0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

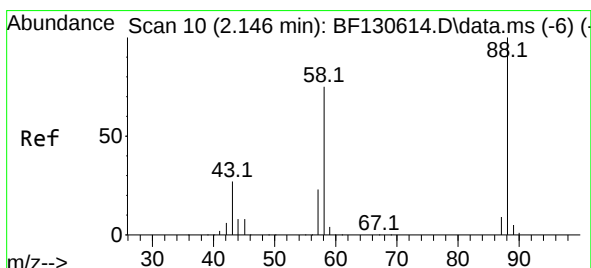
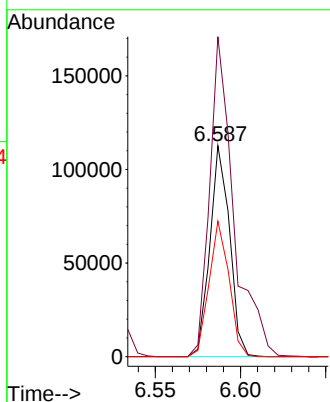
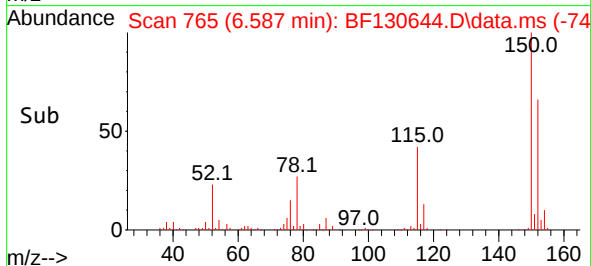
Instrument :
BNA_F
ClientSampleId :
PB148309BS



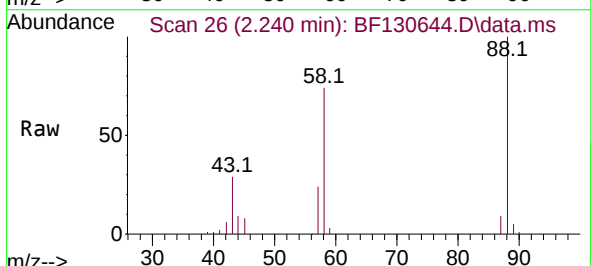
Tgt Ion:152 Resp: 90635
Ion Ratio Lower Upper
152 100
150 151.7 123.8 185.6
115 64.2 52.2 78.4

Manual Integrations
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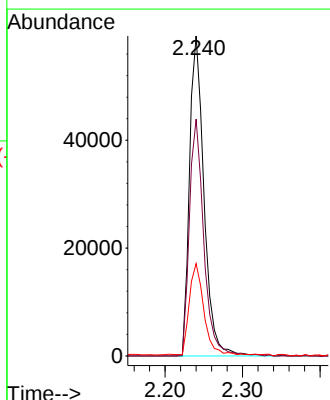
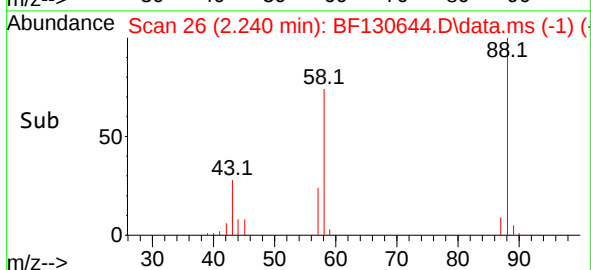
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

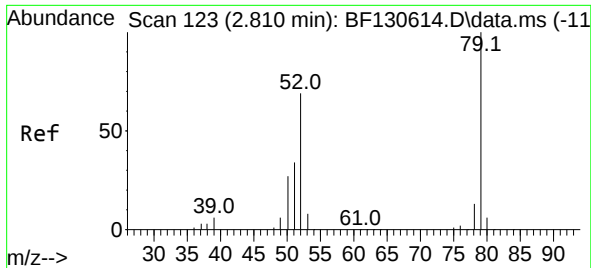


#2
1,4-Dioxane
Concen: 25.285 ng
RT: 2.240 min Scan# 26
Delta R.T. 0.094 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion: 88 Resp: 76918
Ion Ratio Lower Upper
88 100
58 73.6 58.8 88.2
43 28.0 22.2 33.4





#3

Pyridine

Concen: 34.158 ng

RT: 2.905 min Scan# 139

Delta R.T. 0.094 min

Lab File: BF130644.D

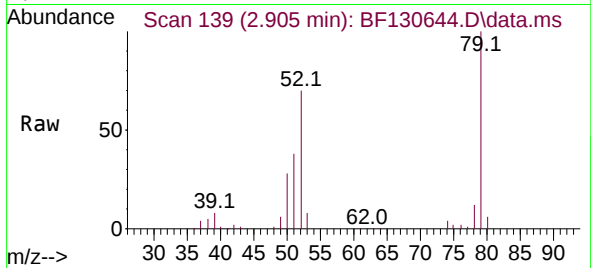
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Instrument :

BNA_F

ClientSampleId :

PB148309BS

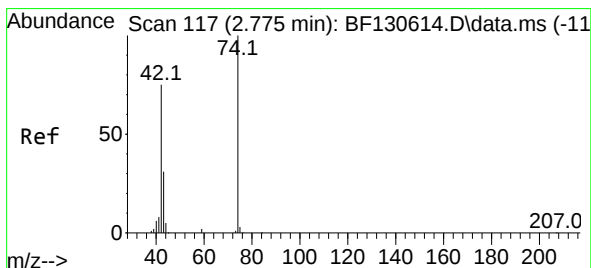
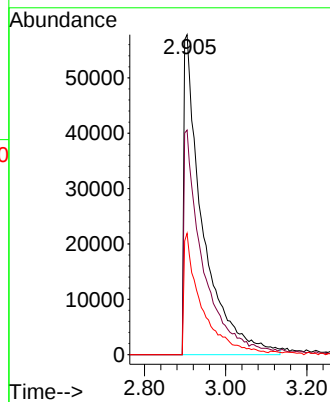
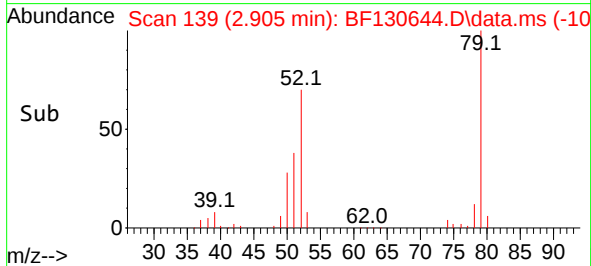


Tgt Ion:	79	Resp:	18587
Ion Ratio	Lower	Upper	
79	100		
52	70.2	54.8	82.2
51	37.9	27.4	41.2

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.298 ng

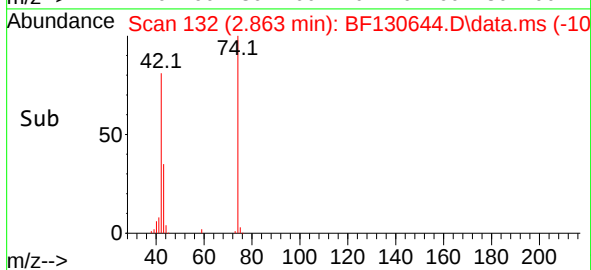
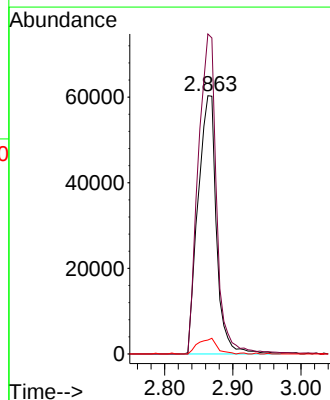
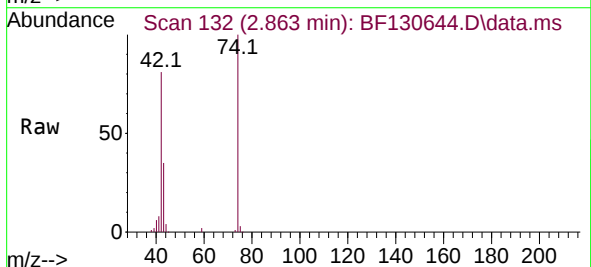
RT: 2.863 min Scan# 132

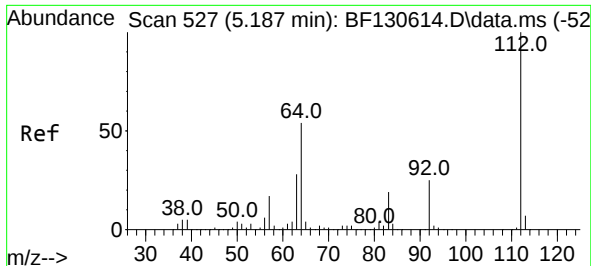
Delta R.T. 0.088 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Tgt Ion:	42	Resp:	113572
Ion Ratio	Lower	Upper	
42	100		
74	123.9	106.2	159.2
44	5.4	5.0	7.4





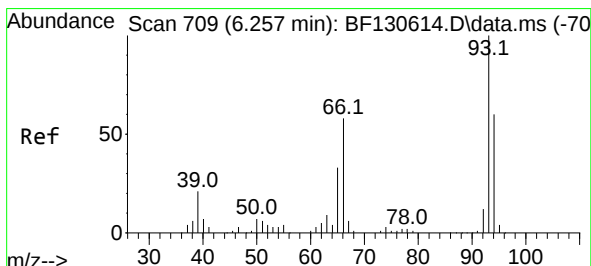
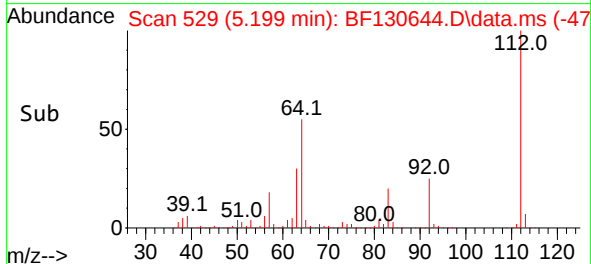
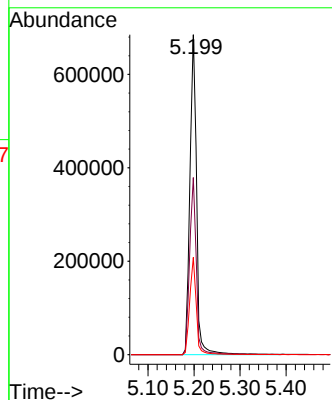
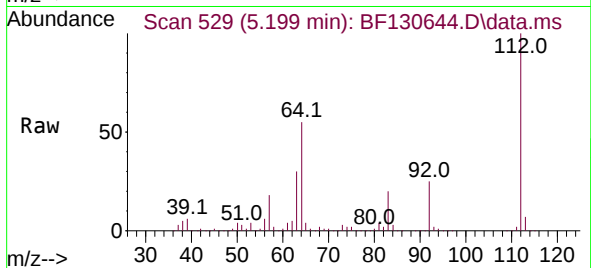
#5
2-Fluorophenol
Concen: 137.494 ng
RT: 5.199 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion:112 Resp: 691345
Ion Ratio Lower Upper
112 100
64 55.3 43.5 65.3
63 30.4 22.6 34.0

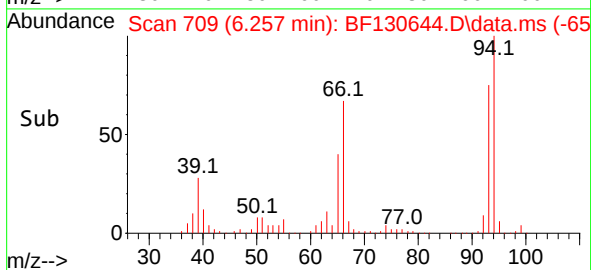
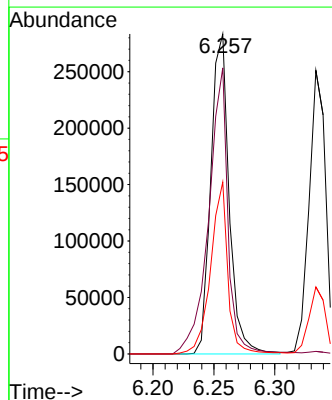
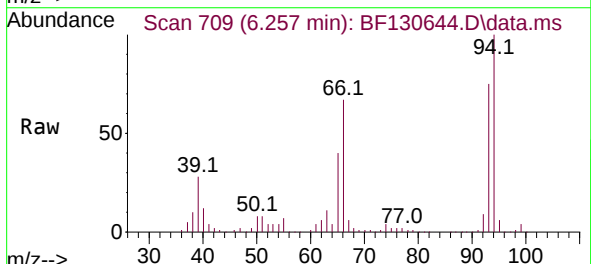
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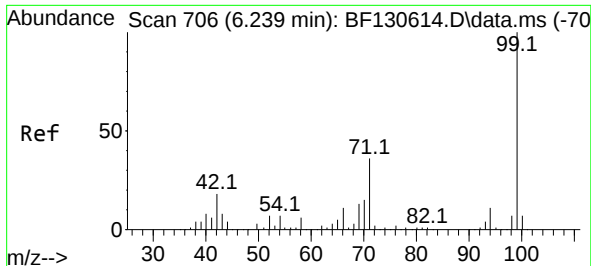
Reviewed By :Christian Giraldo 10/17/2022
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#6
Aniline
Concen: 39.332 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

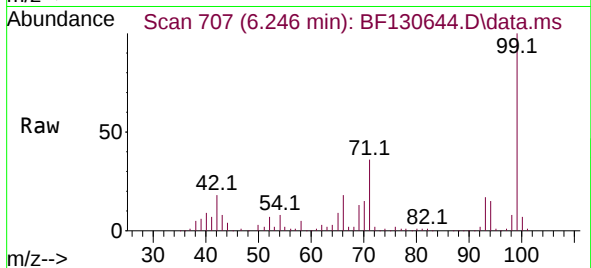
Tgt Ion: 93 Resp: 297690
Ion Ratio Lower Upper
93 100
66 89.4 47.4 71.0#
65 53.7 26.6 40.0#





#7
Phenol-d6
Concen: 132.182 ng
RT: 6.246 min Scan# 706
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

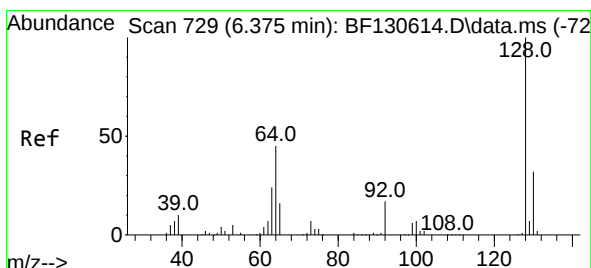
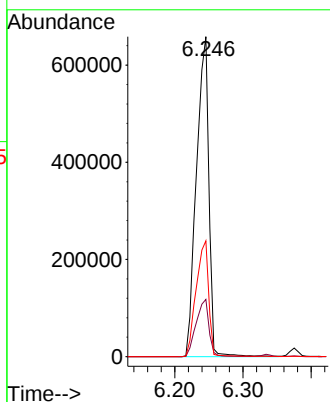
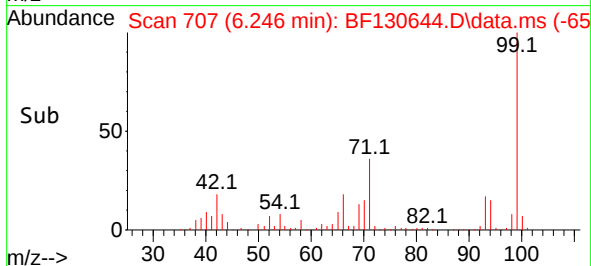
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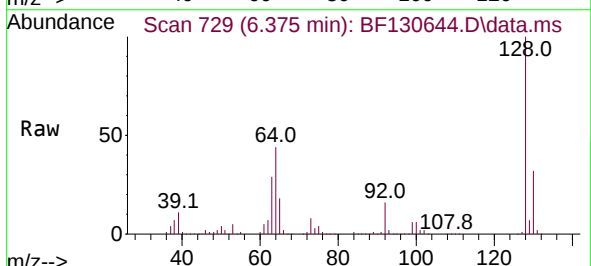
Tgt Ion: 99 Resp: 835626
Ion Ratio Lower Upper
99 100
42 17.9 14.0 21.0
71 36.2 28.8 43.2

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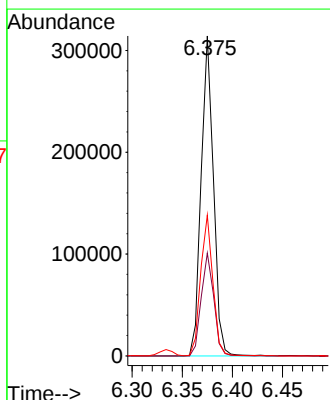
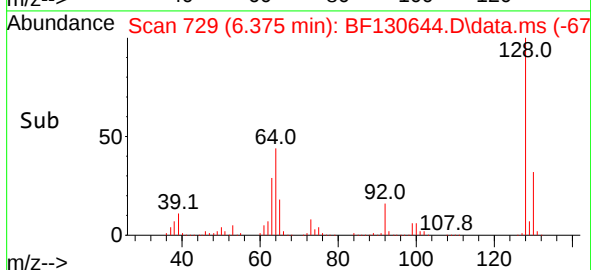
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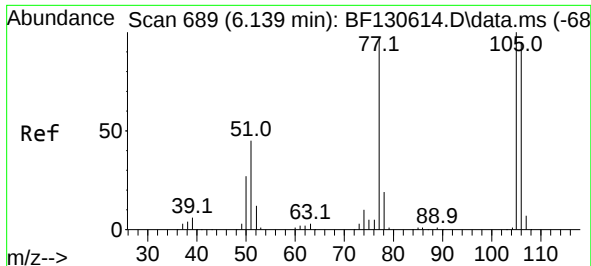


#8
2-Chlorophenol
Concen: 45.193 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:128 Resp: 267233
Ion Ratio Lower Upper
128 100
130 32.1 12.4 52.4
64 44.0 25.9 65.9





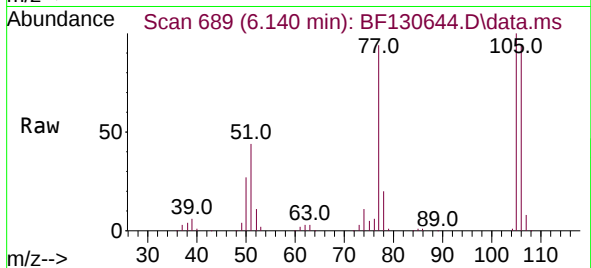
#9
Benzaldehyde
Concen: 21.954 ng
RT: 6.140 min Scan# 689
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

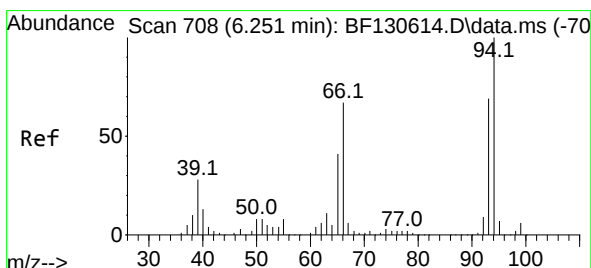
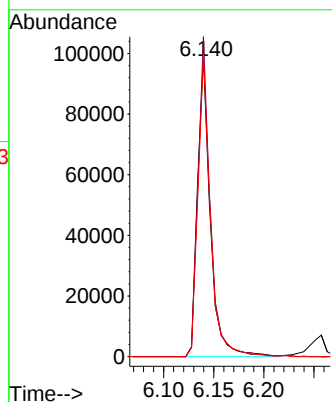
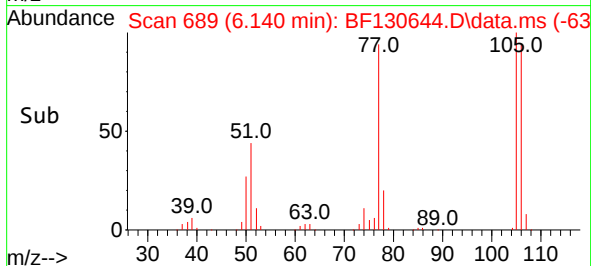
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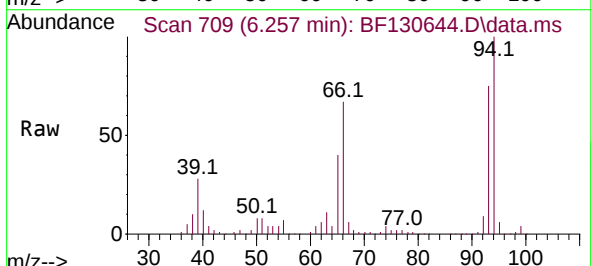
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Ion Ratio Lower Upper
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105 106.4 83.0 123.0
106 100.5 77.8 117.8

Manual Integrations
APPROVED

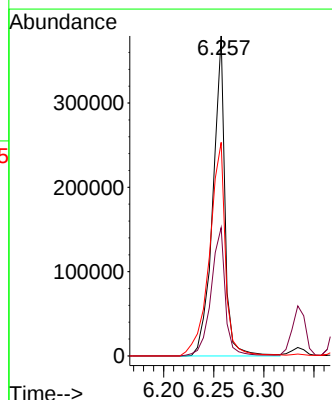
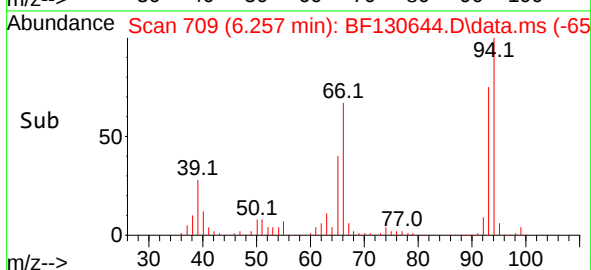
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

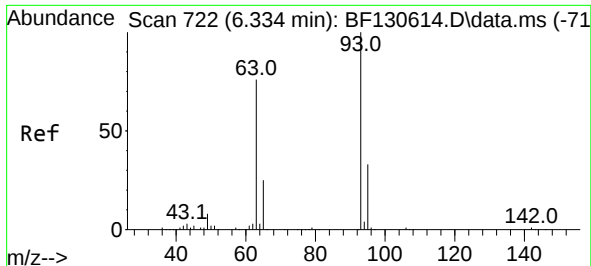


#10
Phenol
Concen: 43.494 ng
RT: 6.257 min Scan# 709
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion: 94 Resp: 318145
Ion Ratio Lower Upper
94 100
65 40.1 21.2 61.2
66 66.7 46.9 86.9





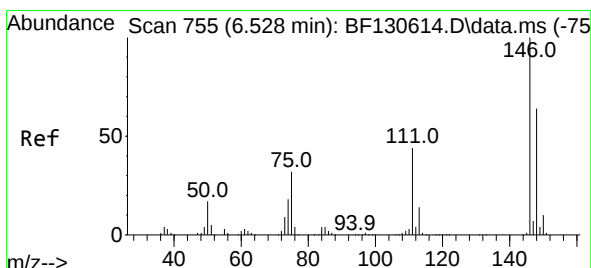
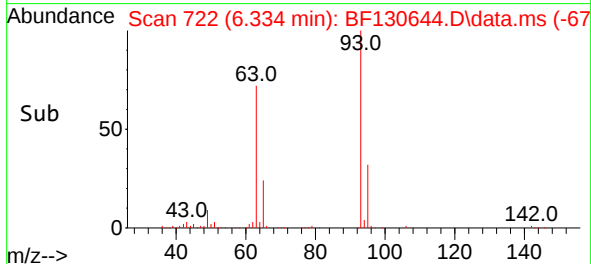
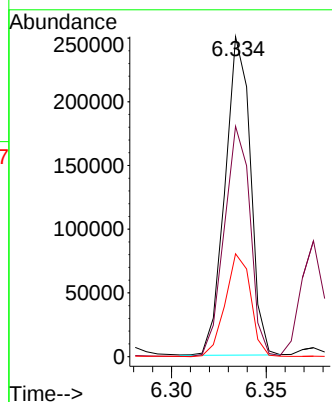
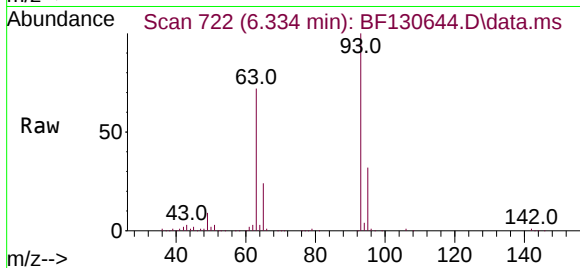
#11
bis(2-Chloroethyl)ether
Concen: 43.892 ng
RT: 6.334 min Scan# 722
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion: 93 Resp: 233213
Ion Ratio Lower Upper
93 100
63 72.0 56.1 96.1
95 32.1 12.4 52.4

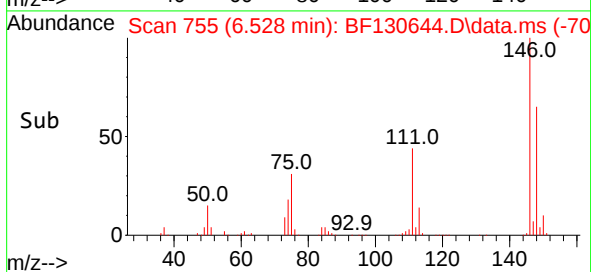
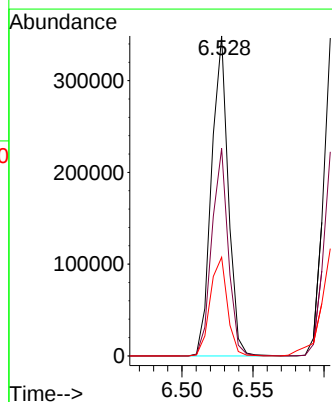
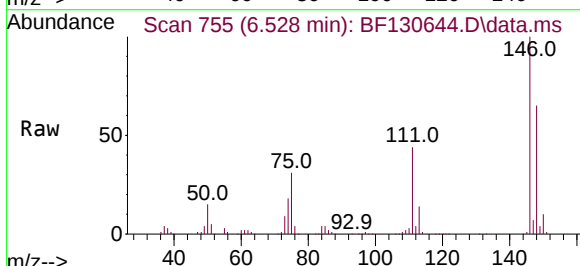
Manual Integrations
APPROVED

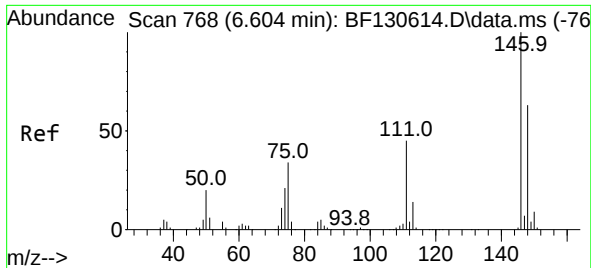
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#12
1,3-Dichlorobenzene
Concen: 44.014 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion:146 Resp: 284964
Ion Ratio Lower Upper
146 100
148 64.8 51.3 76.9
75 30.8 25.2 37.8





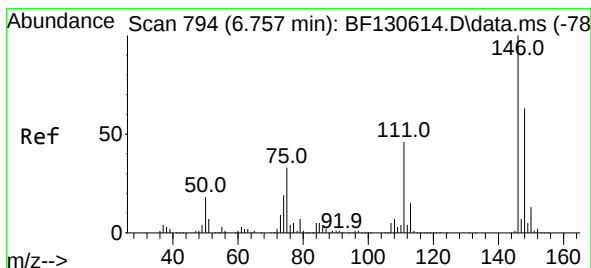
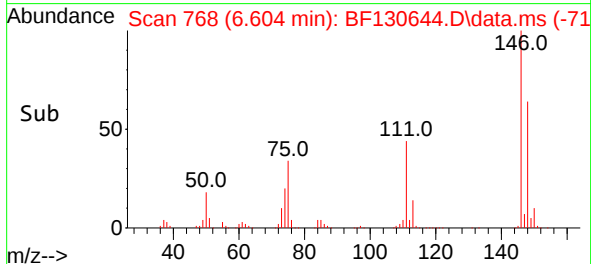
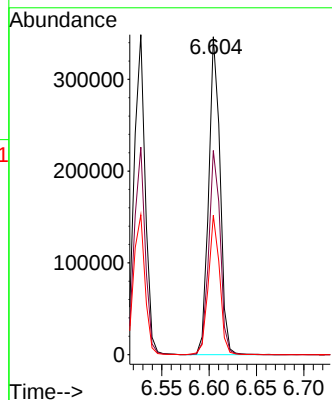
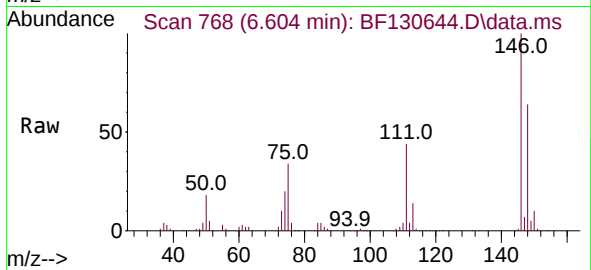
#13
1,4-Dichlorobenzene
Concen: 44.309 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion:146 Resp: 291036
Ion Ratio Lower Upper
146 100
148 64.2 50.1 75.1
111 43.8 35.9 53.9

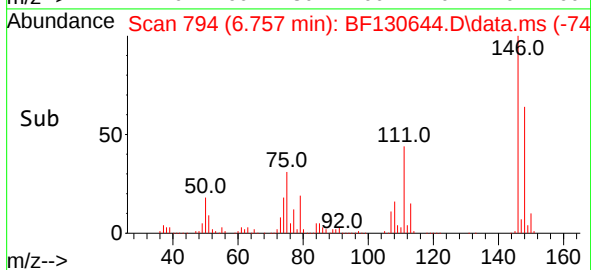
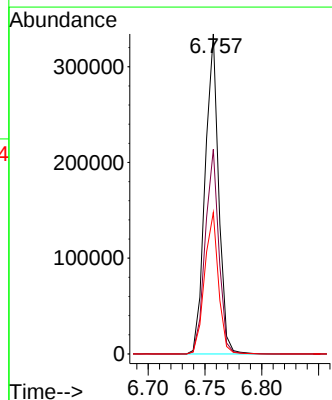
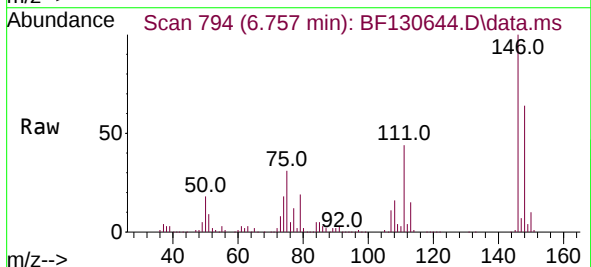
Manual Integrations
APPROVED

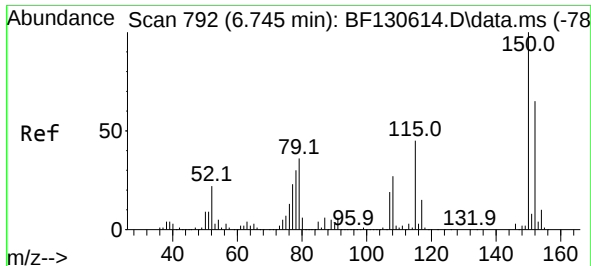
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#14
1,2-Dichlorobenzene
Concen: 45.223 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

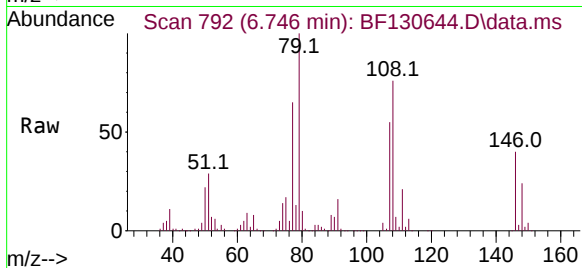
Tgt Ion:146 Resp: 276635
Ion Ratio Lower Upper
146 100
148 63.9 50.5 75.7
111 44.2 37.2 55.8





#15
Benzyl Alcohol
Concen: 45.309 ng
RT: 6.746 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

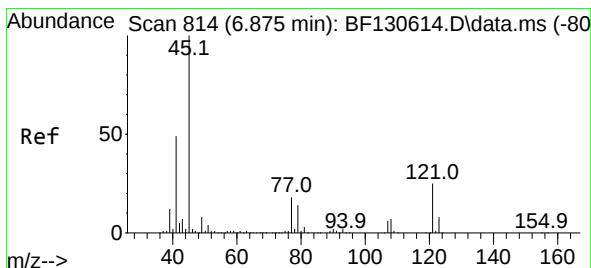
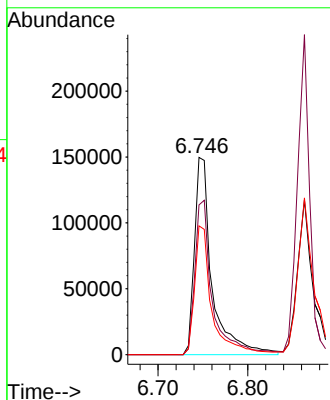
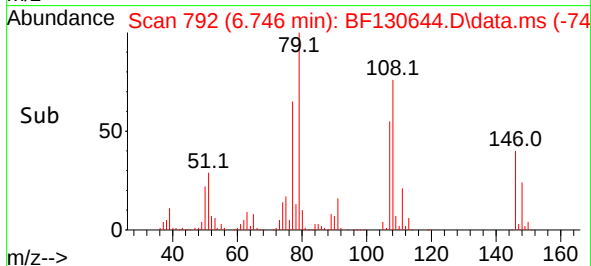
Instrument :
BNA_F
ClientSampleId :
PB148309BS



Tgt Ion: 79 Resp: 205648
Ion Ratio Lower Upper
79 100
108 75.9 59.7 89.5
77 65.3 51.8 77.6

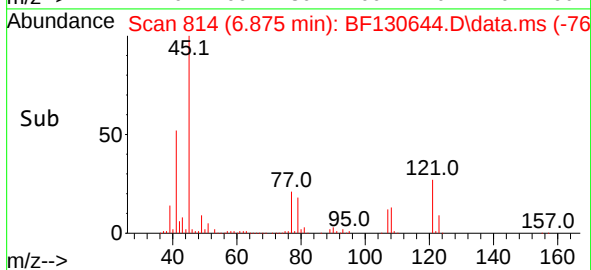
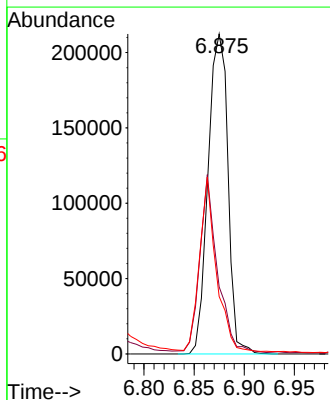
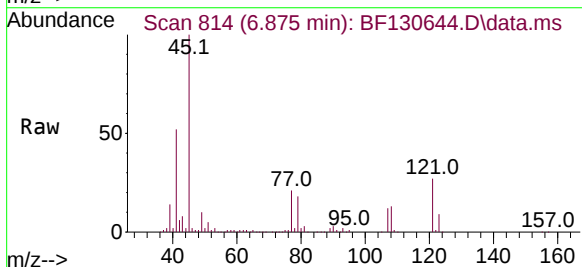
Manual Integrations
APPROVED

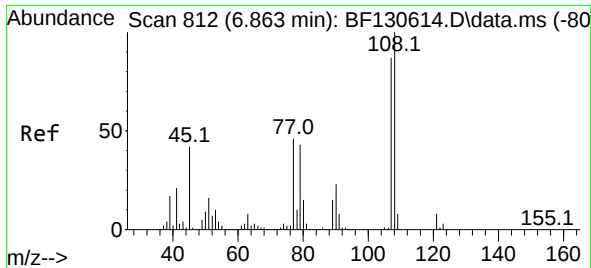
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.610 ng
RT: 6.875 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

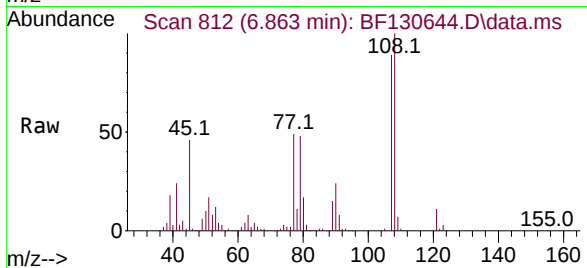
Tgt Ion: 45 Resp: 291276
Ion Ratio Lower Upper
45 100
77 20.9 0.0 38.7
79 17.9 0.0 34.6





#17
2-Methylphenol
Concen: 43.901 ng
RT: 6.863 min Scan# 812
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

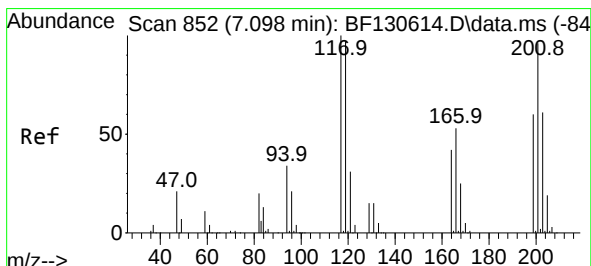
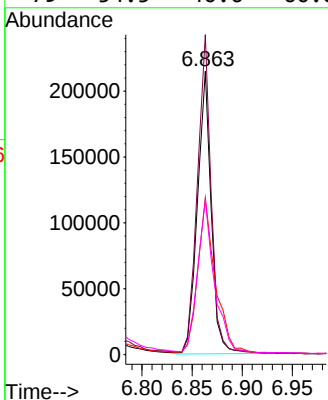
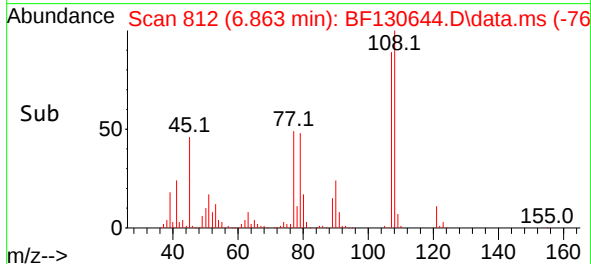
Instrument :
BNA_F
ClientSampleId :
PB148309BS



Tgt Ion:107 Resp: 206495
Ion Ratio Lower Upper
107 100
108 112.9 92.2 138.2
77 55.3 42.7 64.1
79 54.5 40.6 60.8

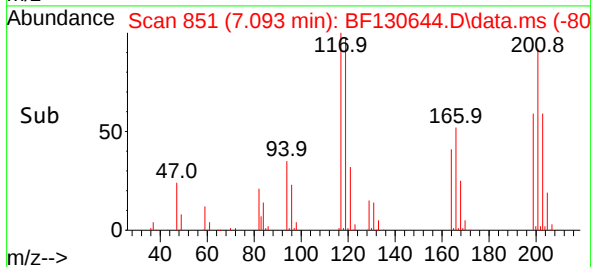
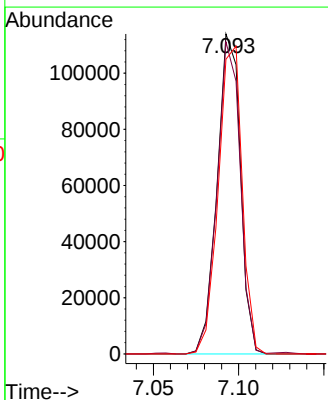
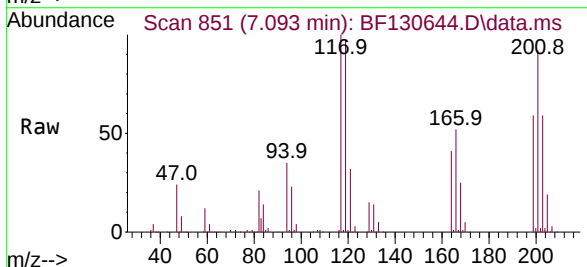
Manual Integrations
APPROVED

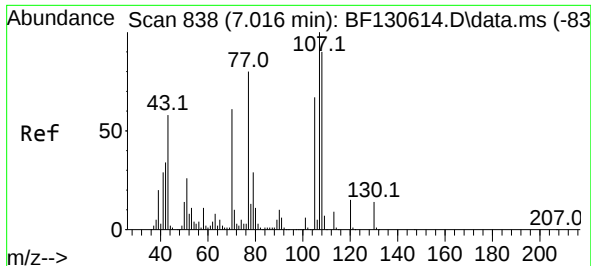
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#18
Hexachloroethane
Concen: 43.557 ng
RT: 7.093 min Scan# 851
Delta R.T. -0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

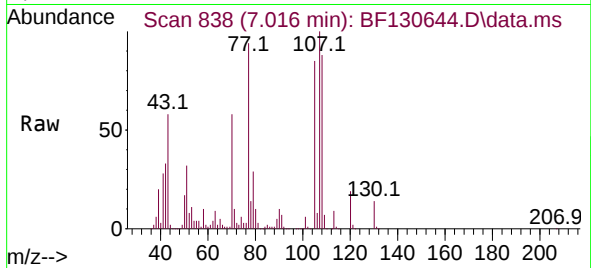
Tgt Ion:117 Resp: 108231
Ion Ratio Lower Upper
117 100
119 97.5 77.6 116.4
201 92.1 77.0 115.6





#19
n-Nitroso-di-n-propylamine
Concen: 43.153 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

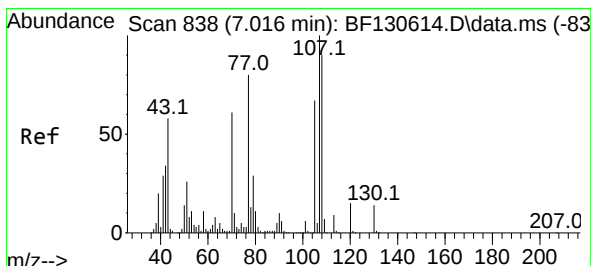
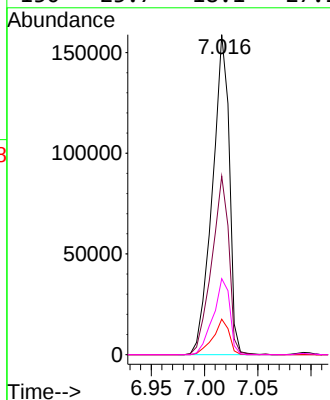
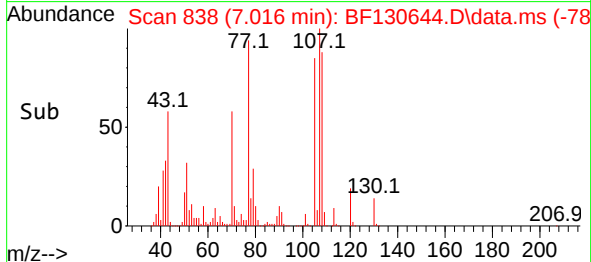
Instrument :
BNA_F
ClientSampleId :
PB148309BS



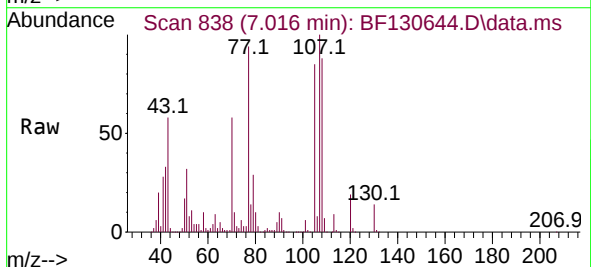
Tgt Ion: 70 Resp: 17600
Ion Ratio Lower Upper
70 100
42 55.8 44.3 66.5
101 11.1 7.9 11.9
130 23.7 18.1 27.1

Manual Integrations
APPROVED

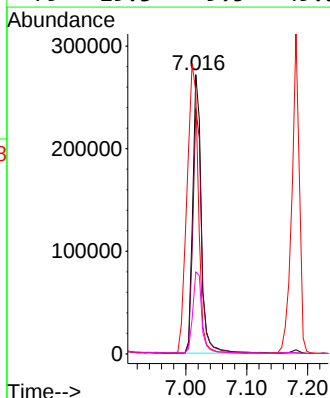
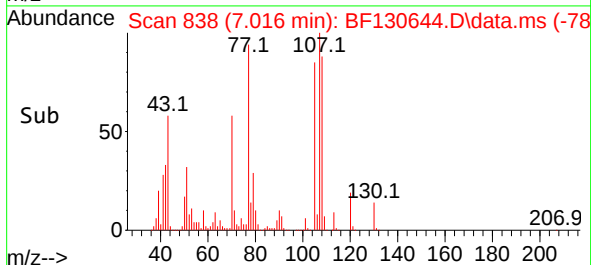
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

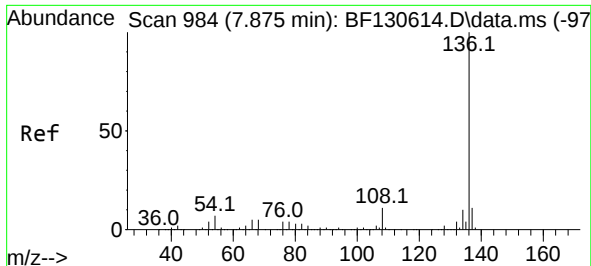


#20
3+4-Methylphenols
Concen: 42.112 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



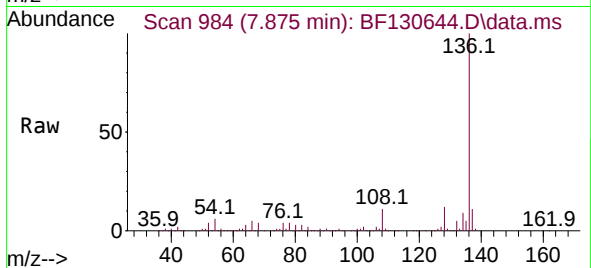
Tgt Ion:107 Resp: 265429
Ion Ratio Lower Upper
107 100
108 87.8 69.7 109.7
77 93.9 59.7 99.7
79 29.3 9.5 49.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

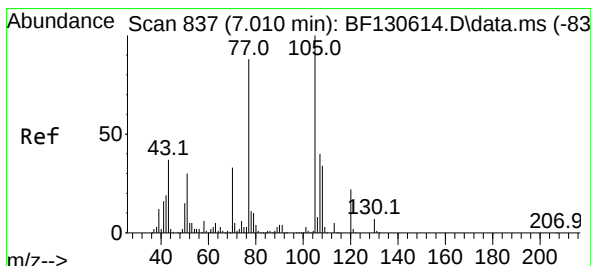
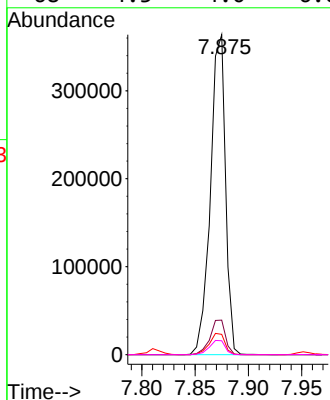
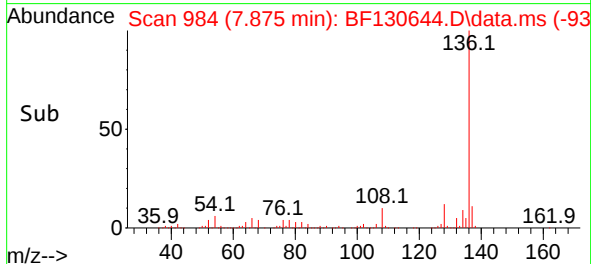
Instrument :
BNA_F
ClientSampleId :
PB148309BS



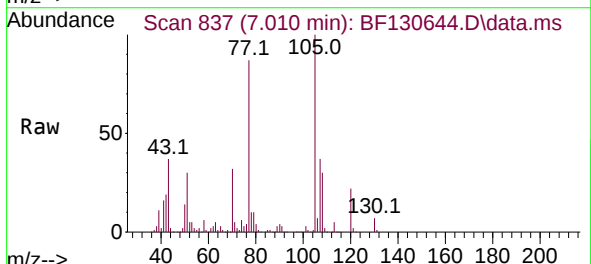
Tgt Ion:136 Resp: 358886
Ion Ratio Lower Upper
136 100
137 10.8 8.4 12.6
54 6.3 5.5 8.3
68 4.3 4.0 6.0

Manual Integrations
APPROVED

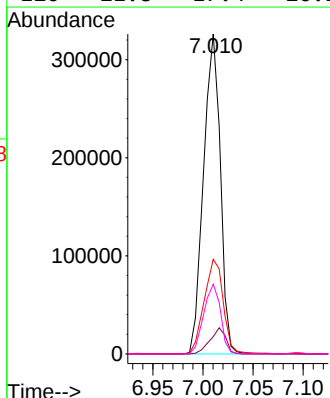
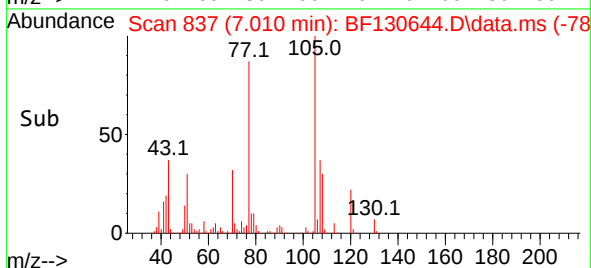
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

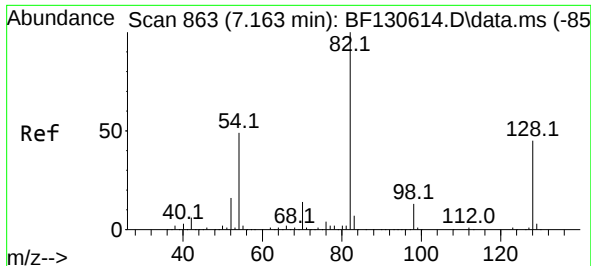


#22
Acetophenone
Concen: 43.934 ng
RT: 7.010 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:105 Resp: 378240
Ion Ratio Lower Upper
105 100
71 5.4 4.2 6.4
51 29.6 24.3 36.5
120 21.8 17.4 26.2





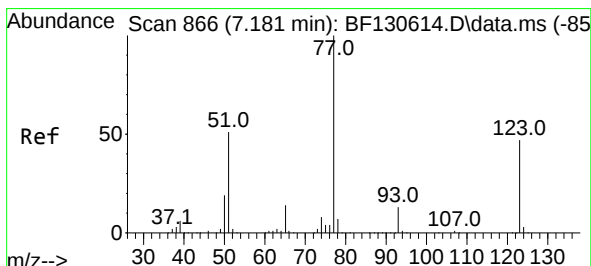
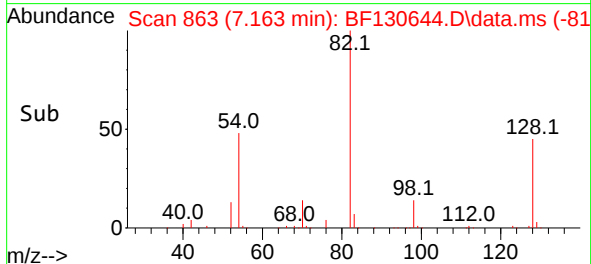
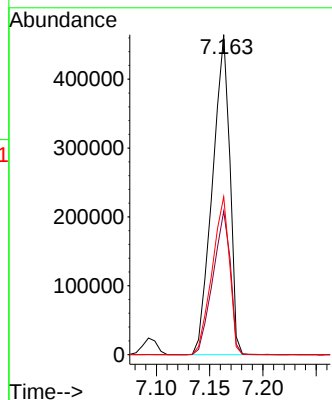
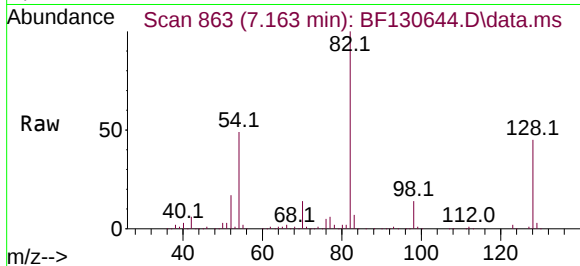
#23
Nitrobenzene-d5
Concen: 80.076 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion: 82 Resp: 526433
Ion Ratio Lower Upper
82 100
128 44.8 35.8 53.6
54 49.3 39.3 58.9

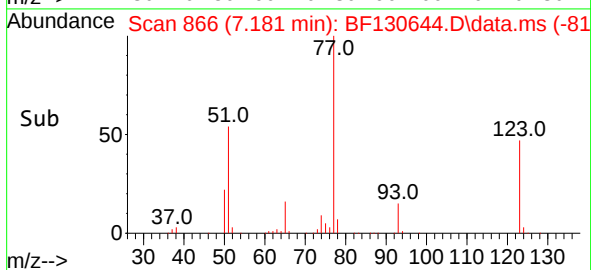
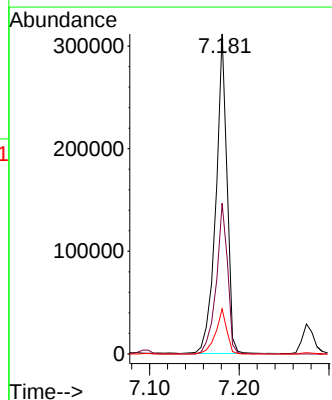
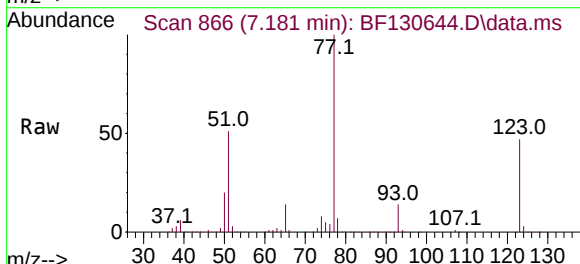
Manual Integrations
APPROVED

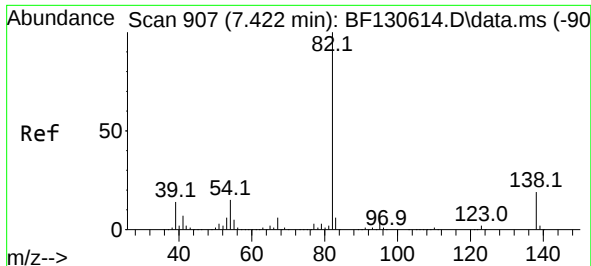
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#24
Nitrobenzene
Concen: 40.584 ng
RT: 7.181 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion: 77 Resp: 268315
Ion Ratio Lower Upper
77 100
123 47.1 37.5 56.3
65 14.0 11.0 16.4





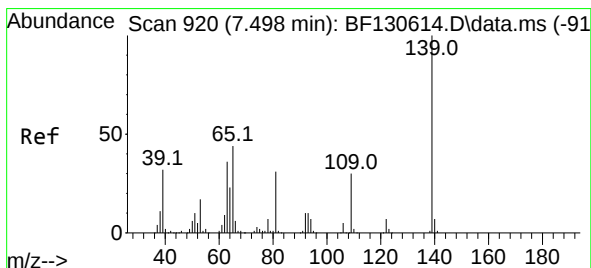
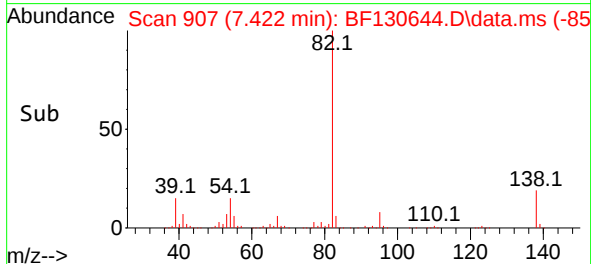
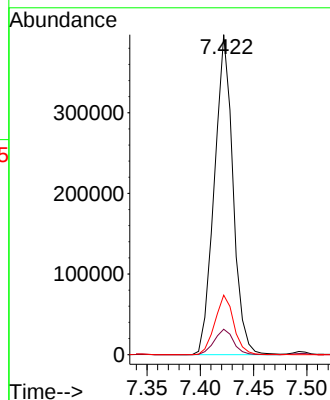
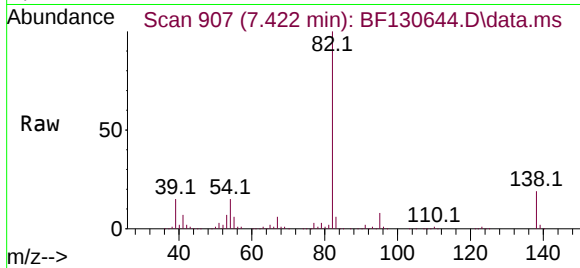
#25
Isophorone
Concen: 44.144 ng
RT: 7.422 min Scan# 90
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion: 82 Resp: 483003
Ion Ratio Lower Upper
82 100
95 7.9 6.1 9.1
138 18.6 14.9 22.3

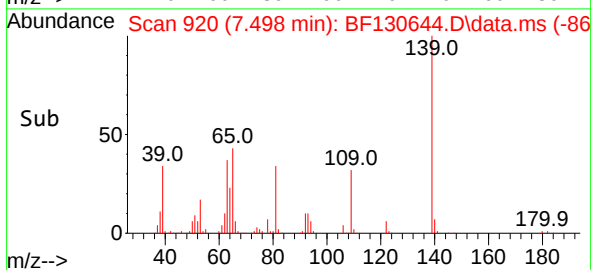
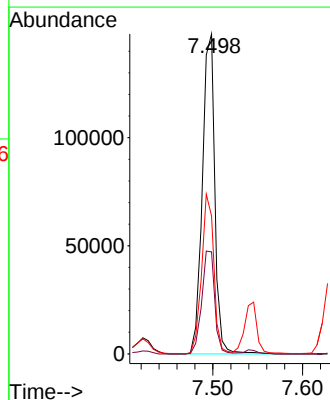
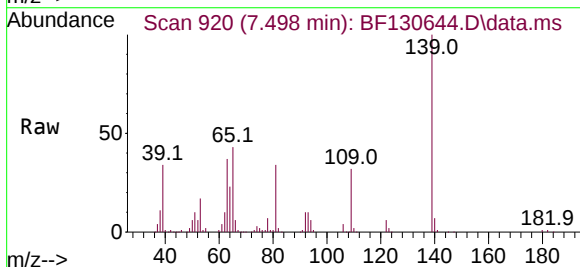
Manual Integrations
APPROVED

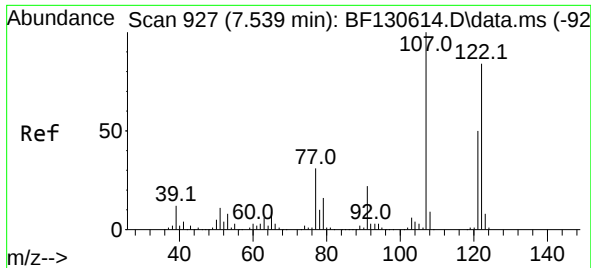
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#26
2-Nitrophenol
Concen: 44.092 ng
RT: 7.498 min Scan# 920
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion:139 Resp: 142955
Ion Ratio Lower Upper
139 100
109 31.9 23.9 35.9
65 43.1 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 50.344 ng

RT: 7.545 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

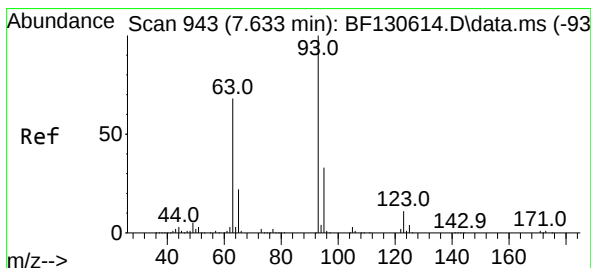
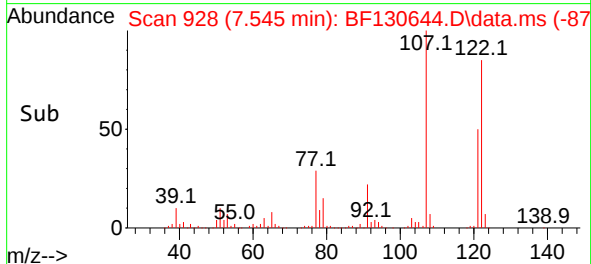
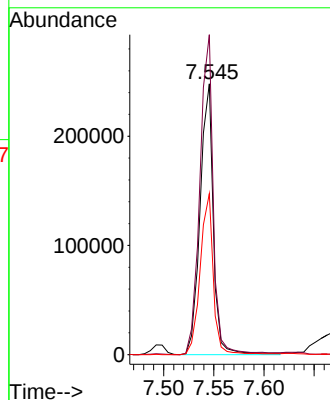
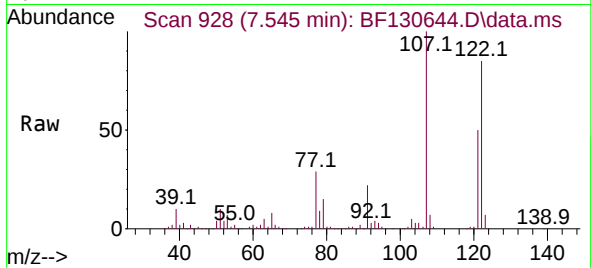
PB148309BS

Tgt Ion:122 Resp: 227496
 Ion Ratio Lower Upper
 122 100
 107 118.2 94.9 142.3
 121 59.4 47.1 70.7

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022



#28

bis(2-Chloroethoxy)methane

Concen: 46.064 ng

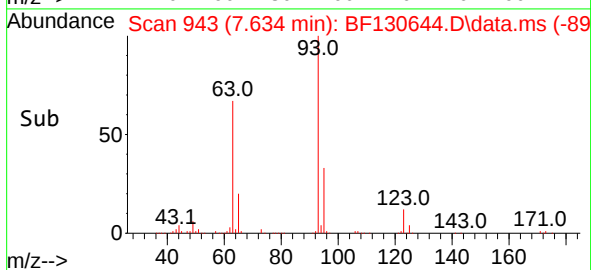
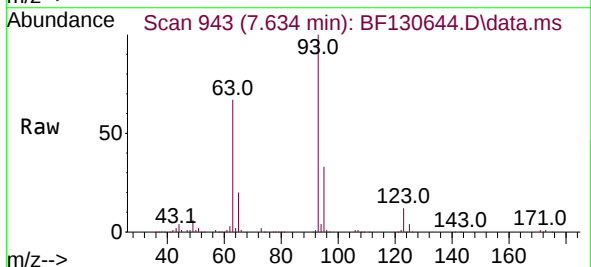
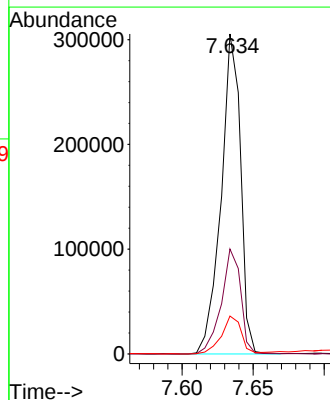
RT: 7.634 min Scan# 943

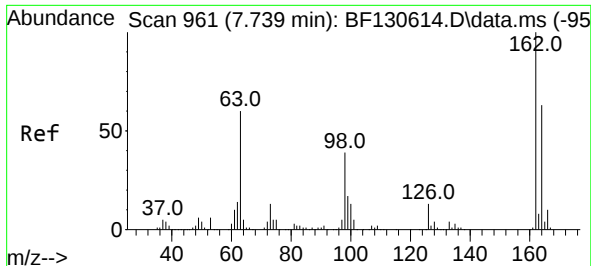
Delta R.T. 0.001 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Tgt Ion: 93 Resp: 291836
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.4 39.6
 123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 44.366 ng

RT: 7.740 min Scan# 961

Delta R.T. 0.001 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

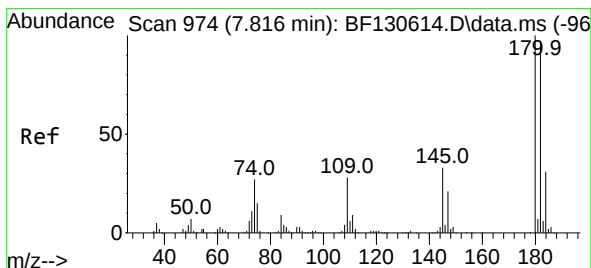
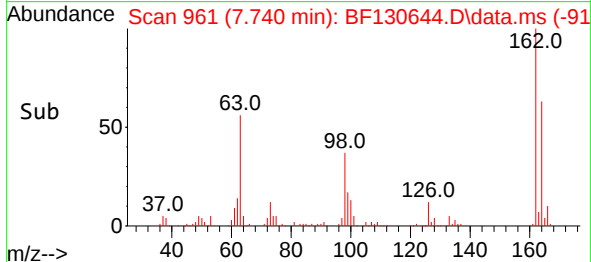
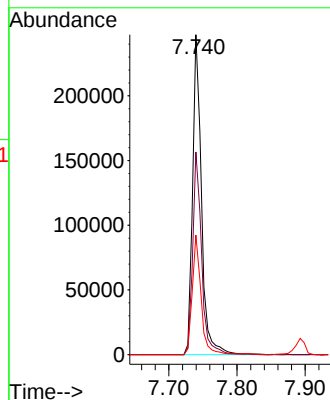
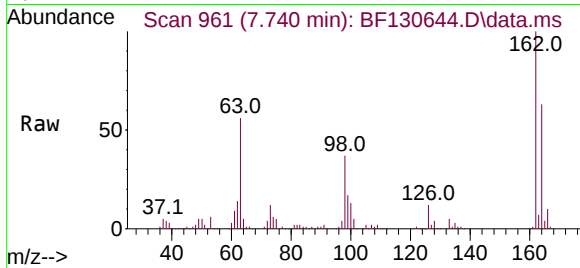
PB148309BS

Tgt Ion:162	Resp: 224304
Ion Ratio	Lower Upper
162 100	
164 63.3	42.8 82.8
98 37.3	18.6 58.6

Manual Integrations

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Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#30

1,2,4-Trichlorobenzene

Concen: 42.660 ng

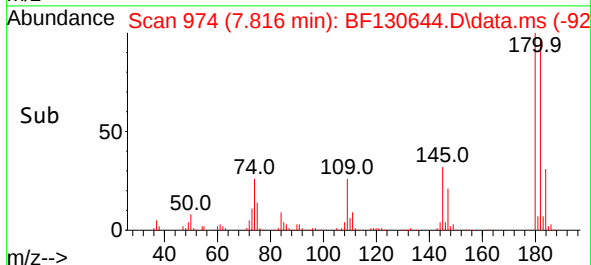
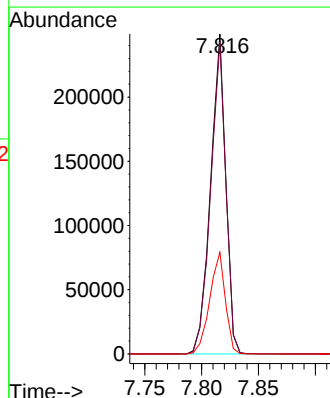
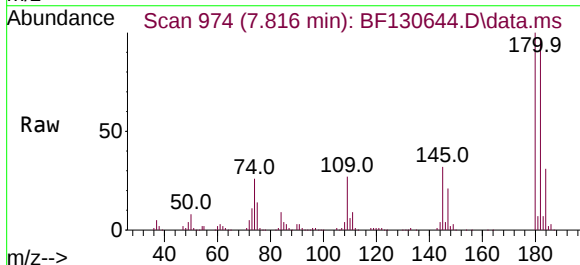
RT: 7.816 min Scan# 974

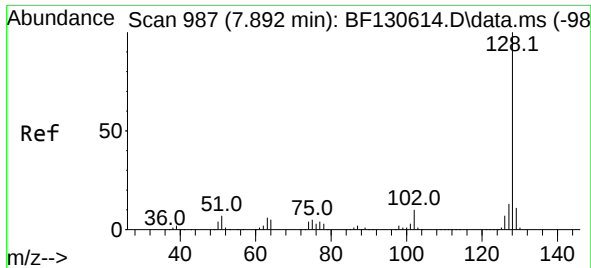
Delta R.T. 0.000 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

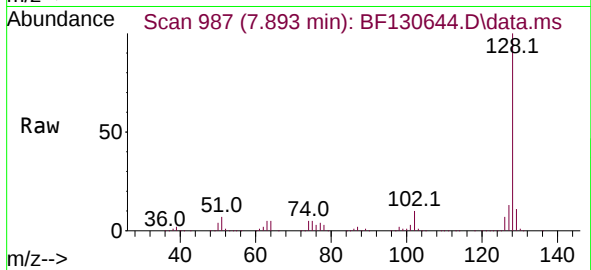
Tgt Ion:180	Resp: 232520
Ion Ratio	Lower Upper
180 100	
182 97.4	78.0 117.0
145 31.7	26.7 40.1





#31
Naphthalene
Concen: 41.244 ng
RT: 7.893 min Scan# 987
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

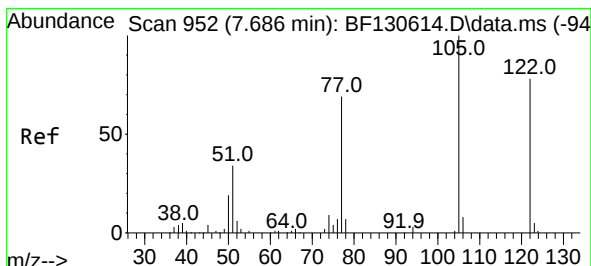
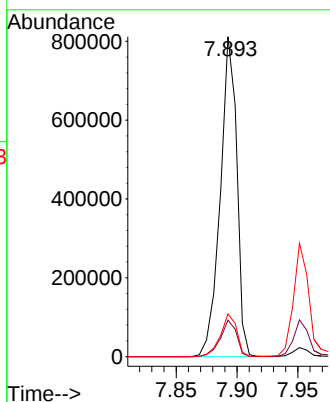
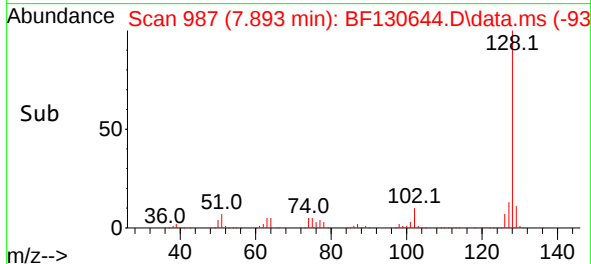
Instrument :
BNA_F
ClientSampleId :
PB148309BS



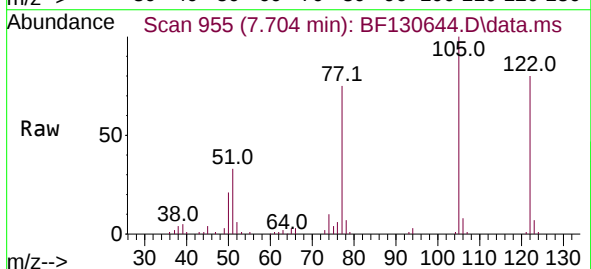
Tgt Ion:128 Resp: 766206
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.3 10.3 15.5

Manual Integrations
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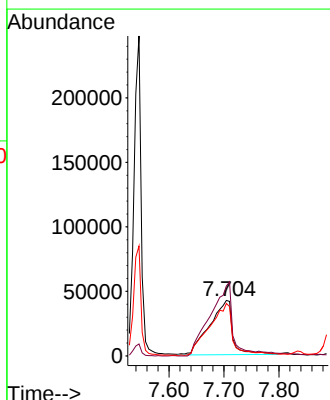
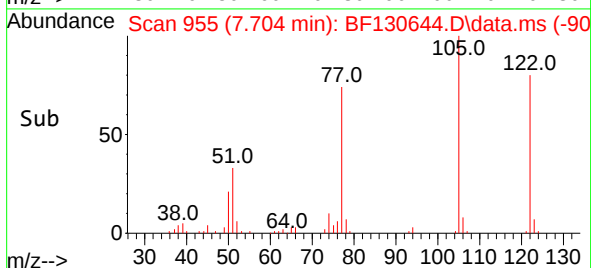
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

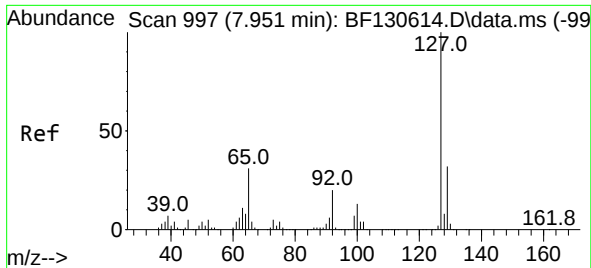


#32
Benzoic acid
Concen: 43.454 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.018 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:122 Resp: 124226
Ion Ratio Lower Upper
122 100
105 125.8 104.8 144.8
77 94.4 68.2 108.2





#33
4-Chloroaniline
Concen: 36.997 ng
RT: 7.951 min Scan# 997
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

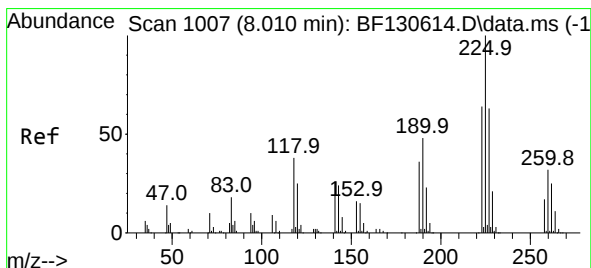
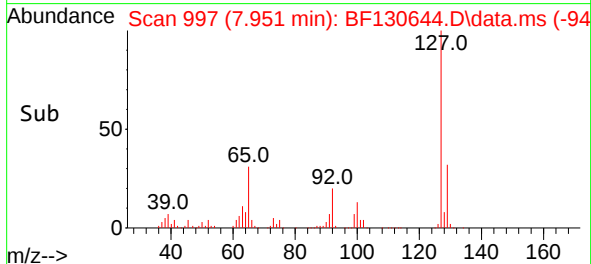
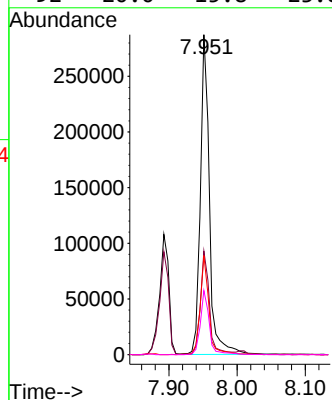
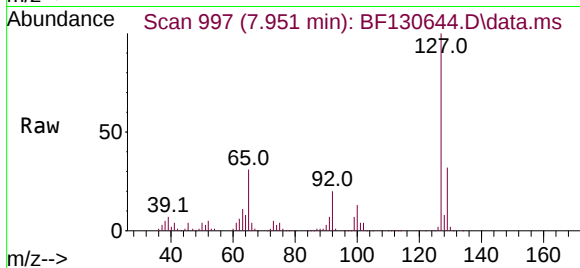
PB148309BS

Tgt Ion:127 Resp: 266248
Ion Ratio Lower Upper
127 100
129 32.4 25.7 38.5
65 31.0 24.7 37.1
92 20.0 15.8 23.8

Manual Integrations

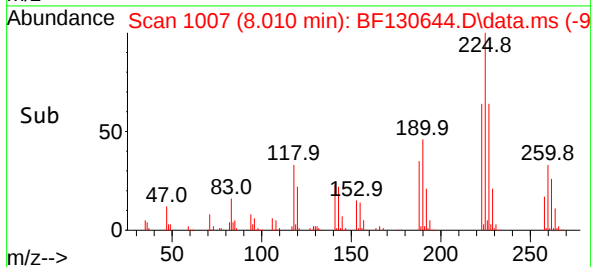
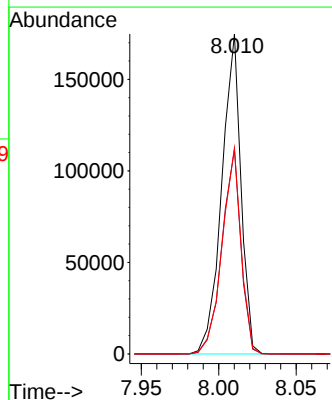
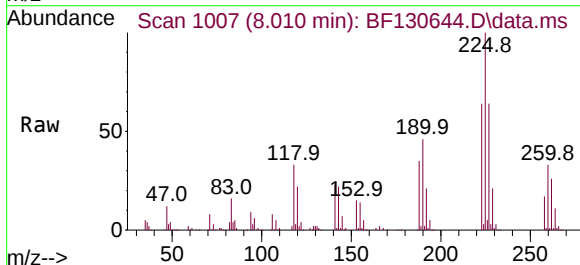
APPROVED

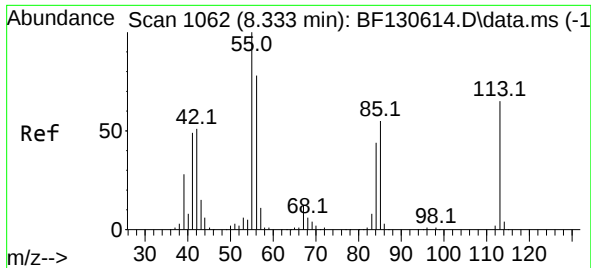
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#34
Hexachlorobutadiene
Concen: 44.434 ng
RT: 8.010 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion:225 Resp: 150316
Ion Ratio Lower Upper
225 100
223 63.9 51.5 77.3
227 64.4 50.4 75.6





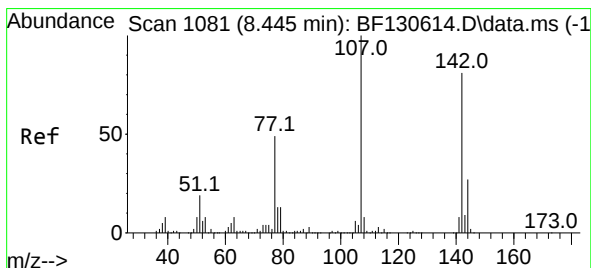
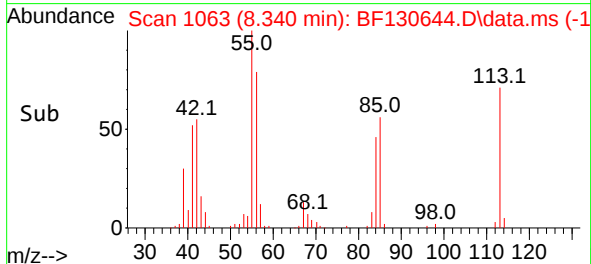
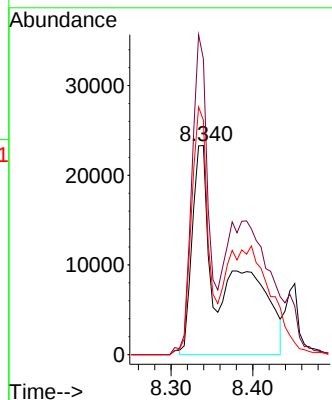
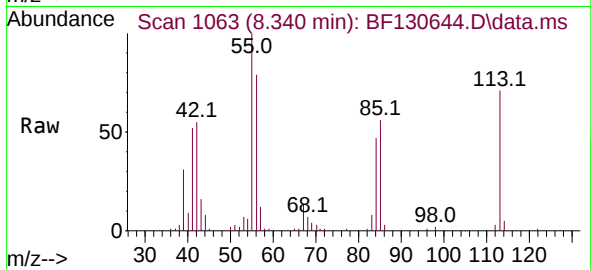
#35
Caprolactam
Concen: 44.311 ng m
RT: 8.340 min Scan# 1062
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion:113 Resp: 67404
Ion Ratio Lower Upper
113 100
55 141.4 134.3 174.3
56 112.1 101.0 141.0

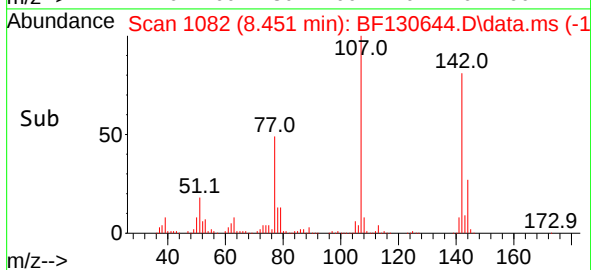
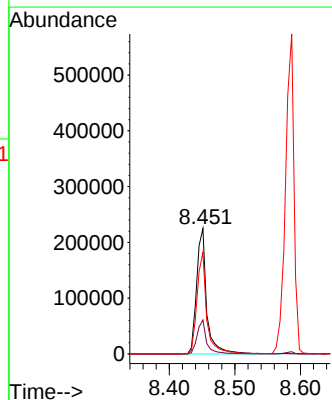
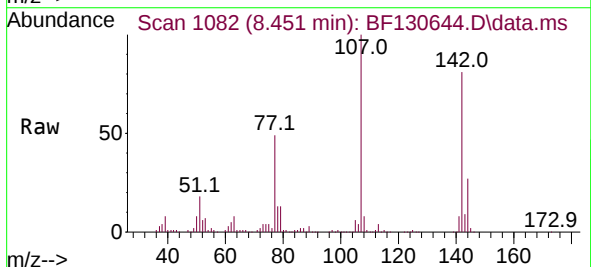
Manual Integrations
APPROVED

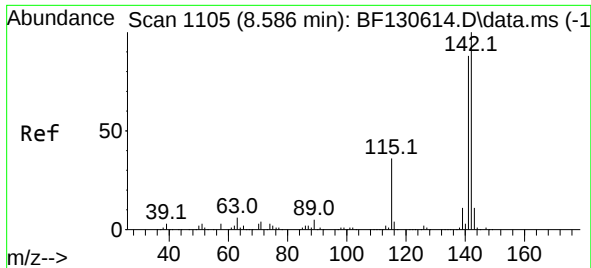
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#36
4-Chloro-3-methylphenol
Concen: 43.998 ng
RT: 8.451 min Scan# 1082
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion:107 Resp: 241289
Ion Ratio Lower Upper
107 100
144 26.9 21.9 32.9
142 81.0 64.6 96.8





#37

2-Methylnaphthalene

Concen: 43.609 ng

RT: 8.587 min Scan# 1105

Delta R.T. 0.000 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB148309BS

Tgt Ion:142 Resp: 509825

Ion Ratio Lower Upper

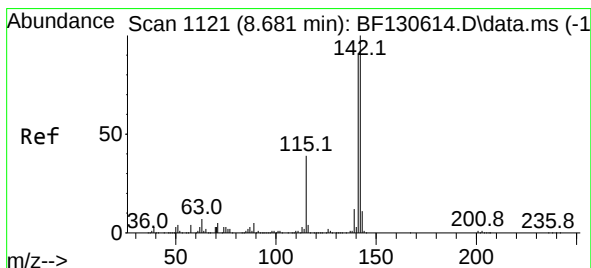
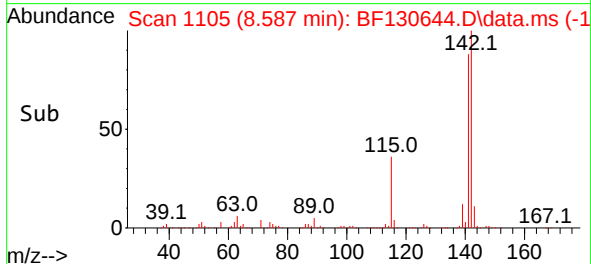
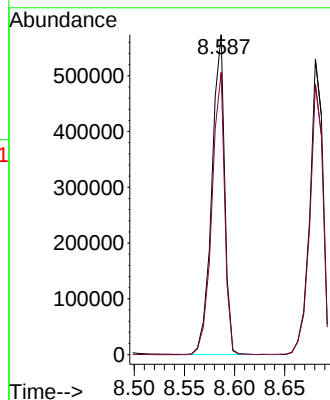
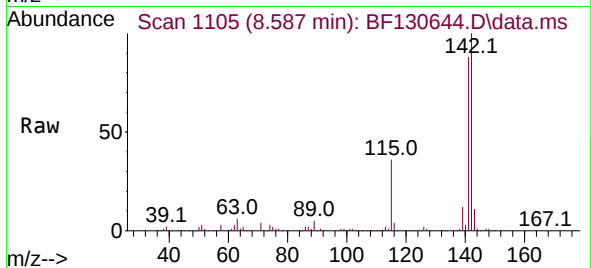
142 100

141 88.2 70.7 106.1

Manual Integrations

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Supervised By :mohammad ahmed 10/18/2022



#38

1-Methylnaphthalene

Concen: 42.424 ng

RT: 8.681 min Scan# 1121

Delta R.T. 0.000 min

Lab File: BF130644.D

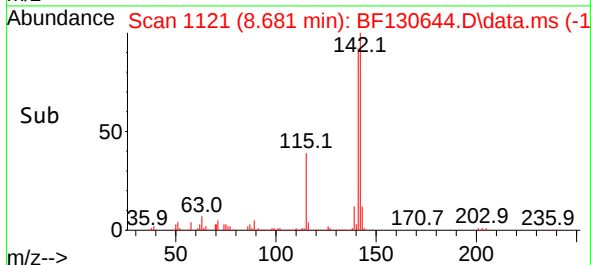
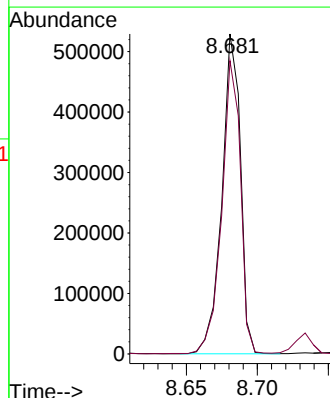
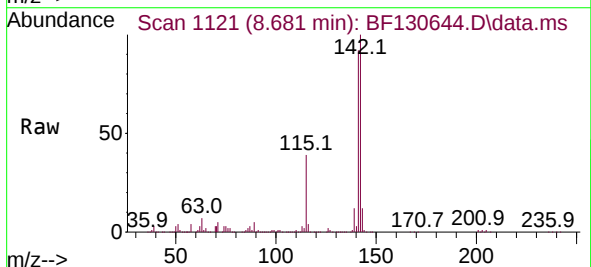
Acq: 13 Oct 2022 13:22

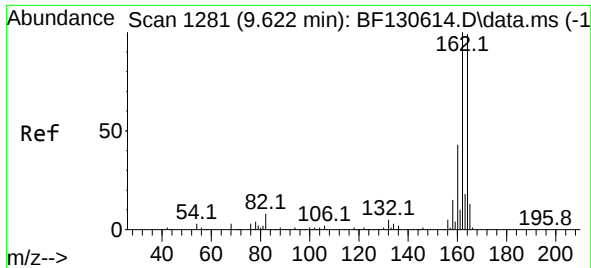
Tgt Ion:142 Resp: 481481

Ion Ratio Lower Upper

142 100

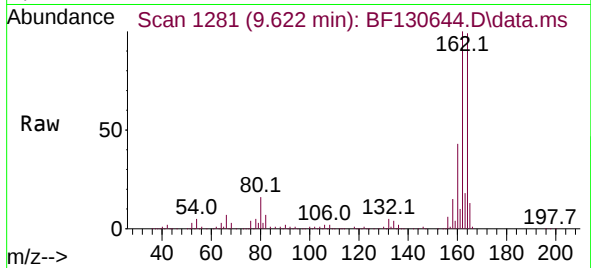
141 91.6 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.622 min Scan# 1281
Delta R.T. -0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

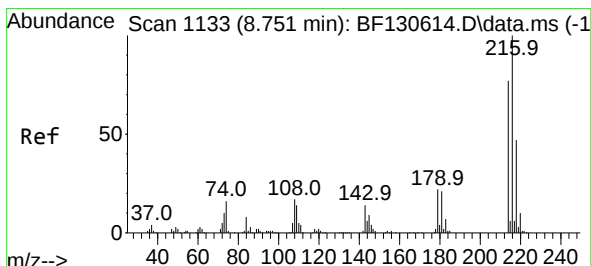
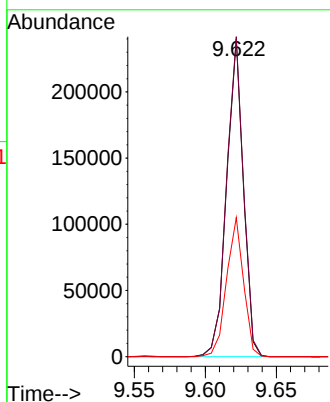
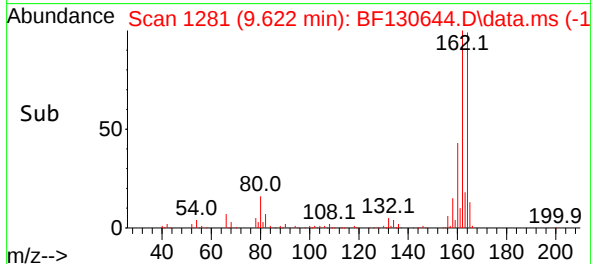
Instrument :
BNA_F
ClientSampleId :
PB148309BS



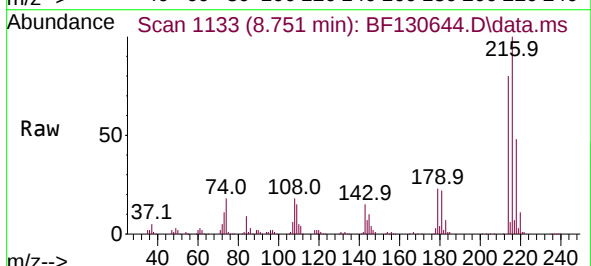
Tgt Ion:164 Resp: 196109
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 43.7 34.5 51.7

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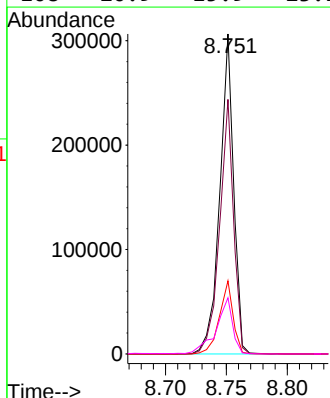
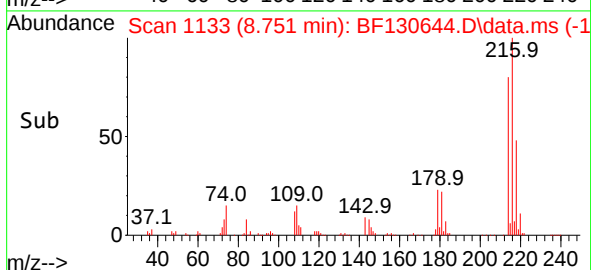
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

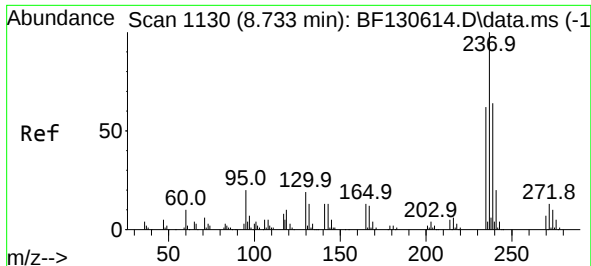


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.565 ng
RT: 8.751 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



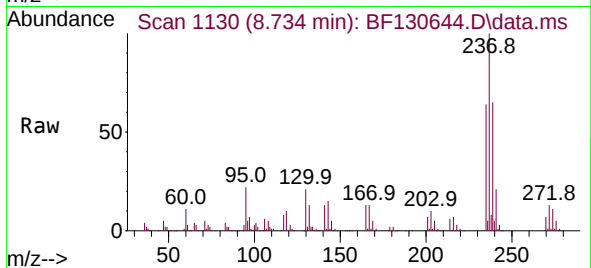
Tgt Ion:216 Resp: 242434
Ion Ratio Lower Upper
216 100
214 80.1 62.1 93.1
179 22.5 18.6 27.8
108 20.9 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 103.694 ng
RT: 8.734 min Scan# 1130
Delta R.T. 0.001 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

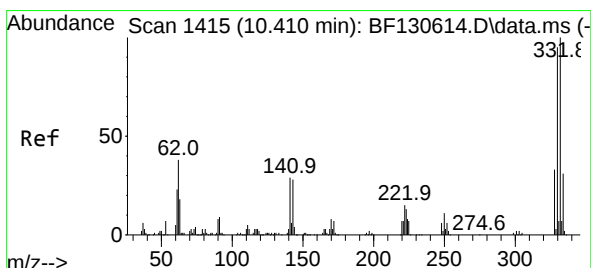
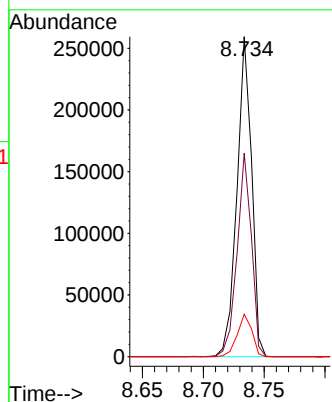
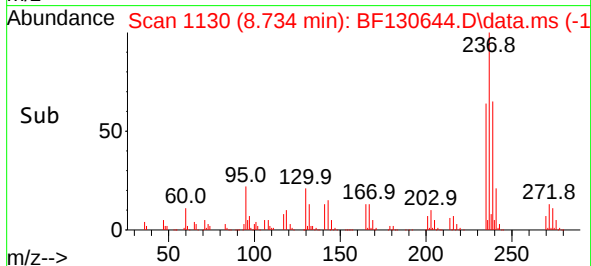
Instrument :
BNA_F
ClientSampleId :
PB148309BS



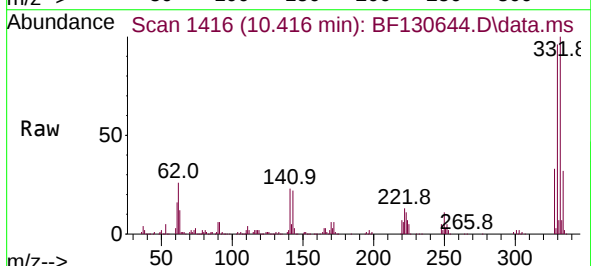
Tgt Ion:237 Resp: 21772
Ion Ratio Lower Upper
237 100
235 63.6 42.2 82.2
272 13.2 0.0 32.6

Manual Integrations
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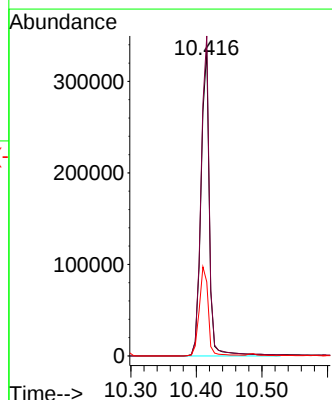
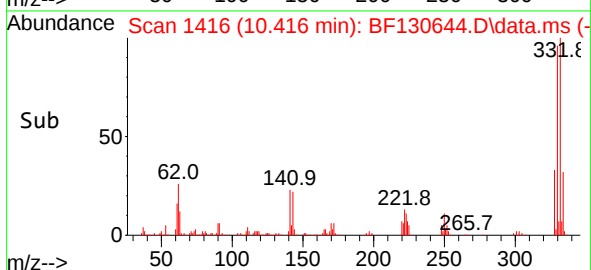
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

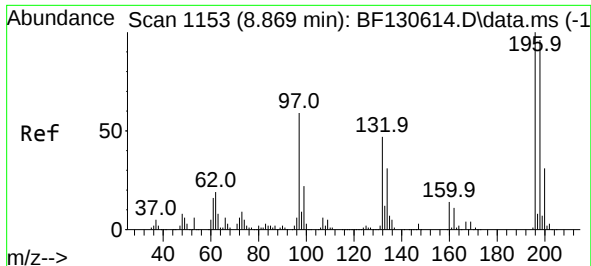


#42
2,4,6-Tribromophenol
Concen: 153.925 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:330 Resp: 295369
Ion Ratio Lower Upper
330 100
332 102.9 84.2 126.4
141 31.2 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 42.950 ng

RT: 8.869 min Scan# 1153

Delta R.T. -0.000 min

Lab File: BF130644.D

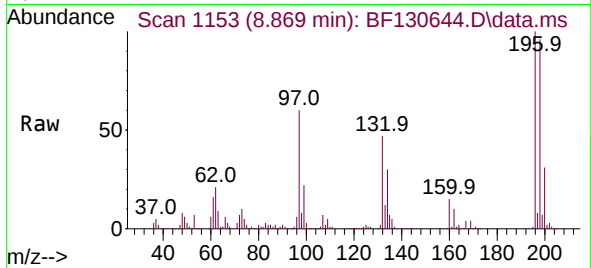
Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB148309BS



Tgt Ion:196 Resp: 153438

Ion Ratio Lower Upper

196 100

198 95.6 76.6 115.0

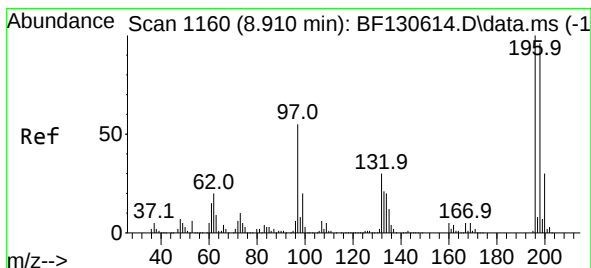
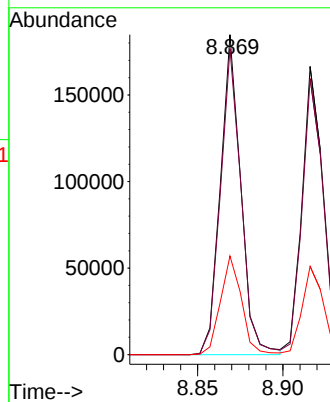
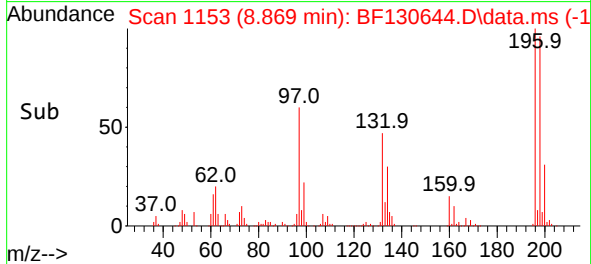
200 30.8 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022

Supervised By :mohammad ahmed 10/18/2022



#44

2,4,5-Trichlorophenol

Concen: 41.744 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Tgt Ion:196 Resp: 164001

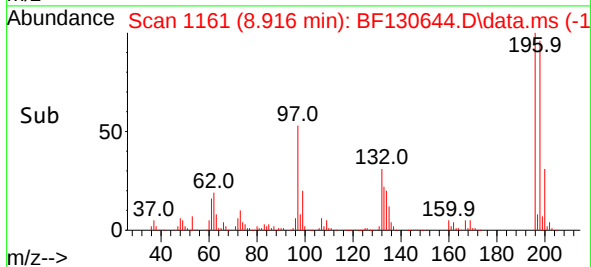
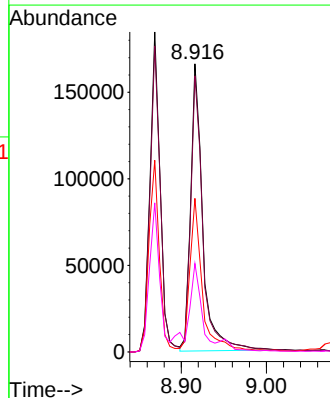
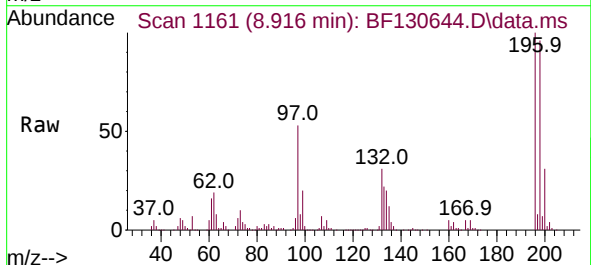
Ion Ratio Lower Upper

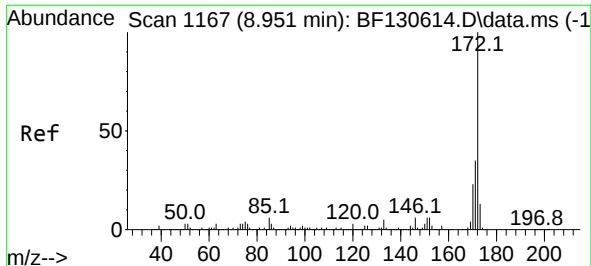
196 100

198 95.8 76.6 114.8

97 53.3 44.3 66.5

132 30.7 24.6 36.8





#45

2-Fluorobiphenyl

Concen: 85.127 ng

RT: 8.951 min Scan# 1167

Delta R.T. 0.000 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB148309BS

Tgt Ion:172 Resp: 1102106

Ion Ratio Lower Upper

172 100

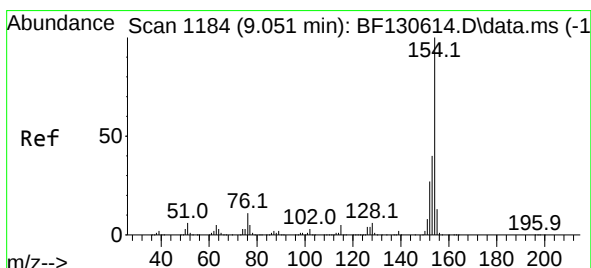
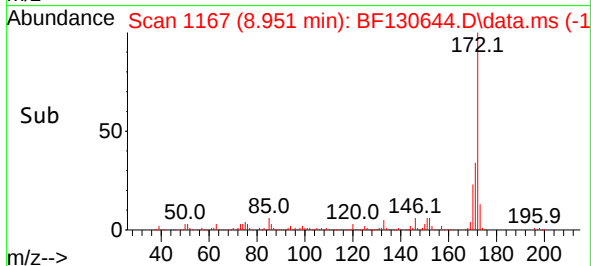
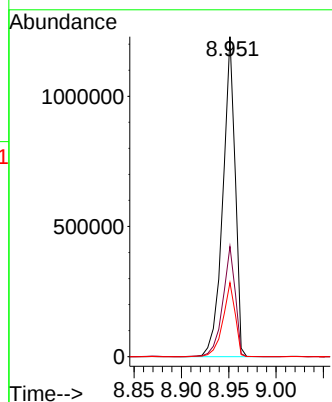
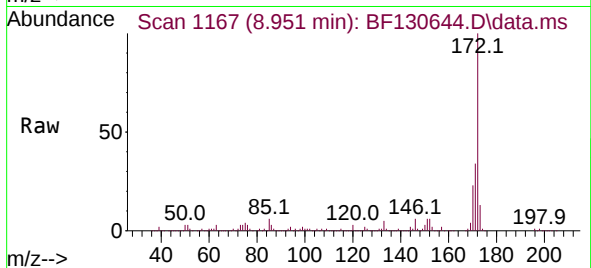
171 34.4 27.8 41.8

170 23.1 18.6 27.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#46

1,1'-Biphenyl

Concen: 44.662 ng

RT: 9.051 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

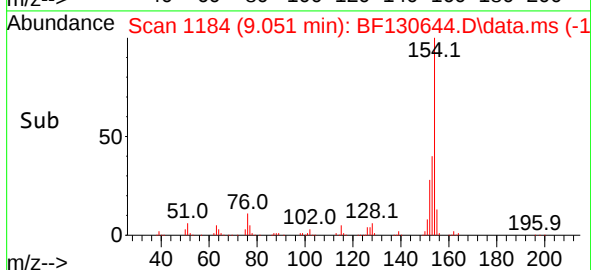
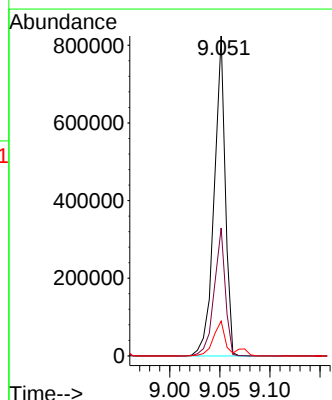
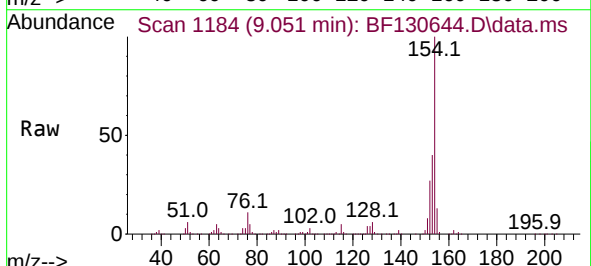
Tgt Ion:154 Resp: 634751

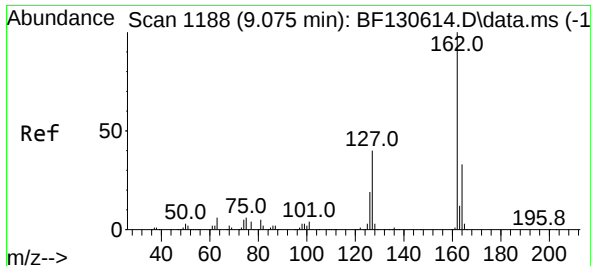
Ion Ratio Lower Upper

154 100

153 40.0 20.0 60.0

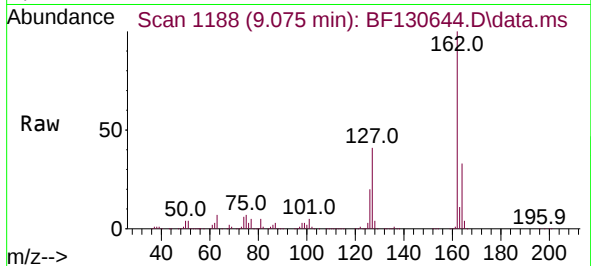
76 10.9 0.0 30.8





#47
2-Chloronaphthalene
Concen: 42.773 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

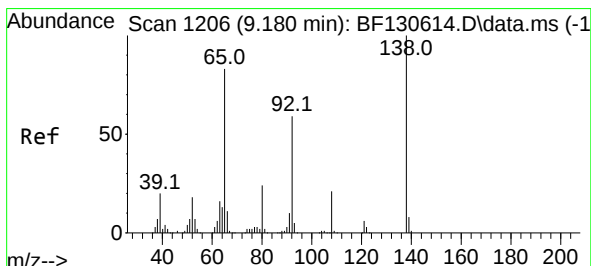
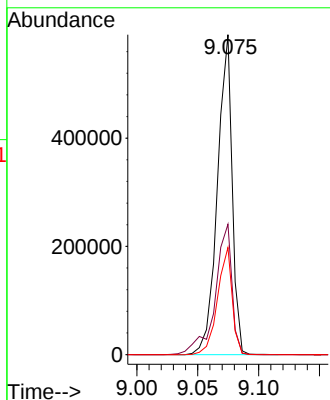
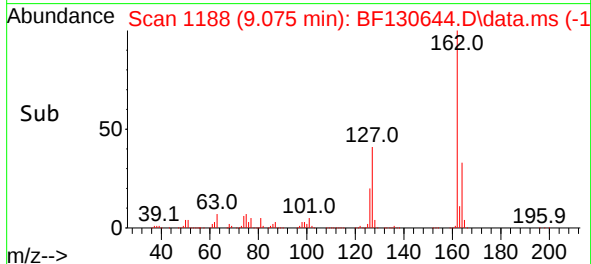
Instrument :
BNA_F
ClientSampleId :
PB148309BS



Tgt Ion: 162 Resp: 496838
Ion Ratio Lower Upper
162 100
127 40.7 32.6 49.0
164 33.5 26.3 39.5

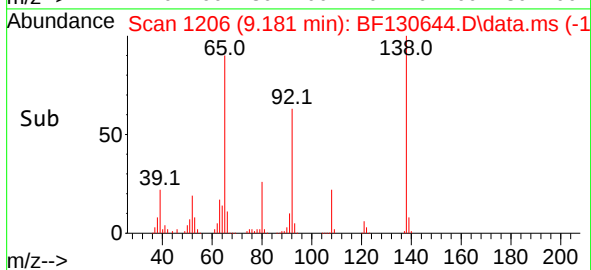
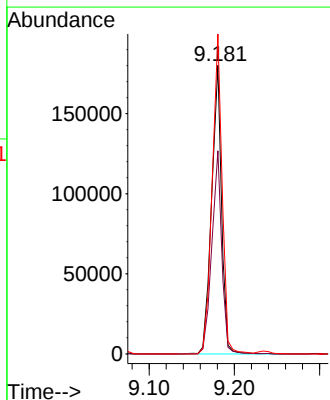
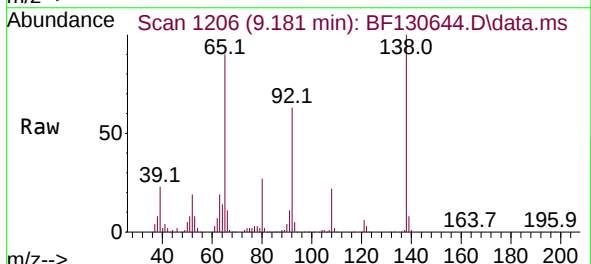
Manual Integrations
APPROVED

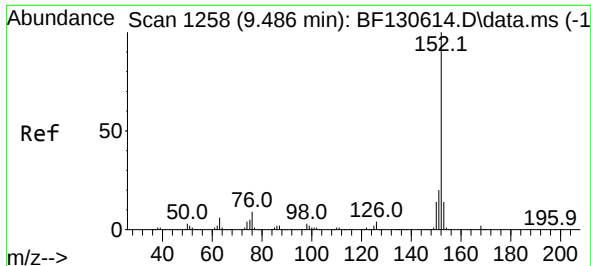
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#48
2-Nitroaniline
Concen: 41.832 ng
RT: 9.181 min Scan# 1206
Delta R.T. 0.001 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion: 65 Resp: 146269
Ion Ratio Lower Upper
65 100
92 70.4 57.4 86.0
138 110.9 96.7 145.1





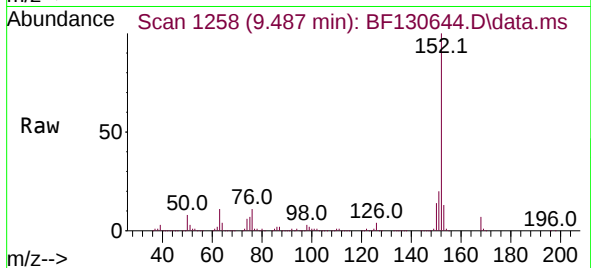
#49
Acenaphthylene
Concen: 42.415 ng
RT: 9.487 min Scan# 1258
Delta R.T. 0.001 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

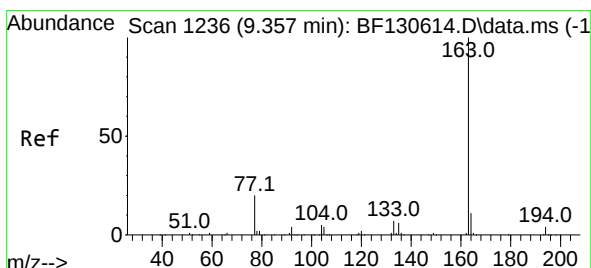
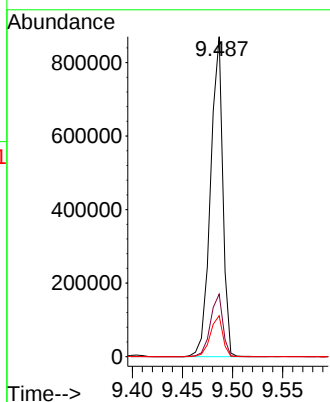
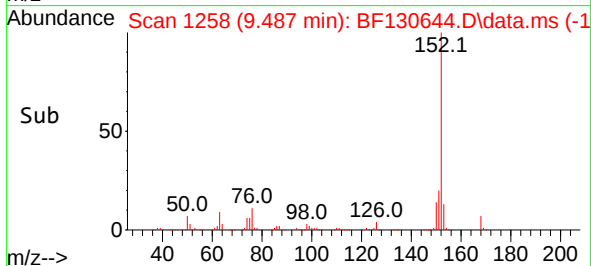
PB148309BS



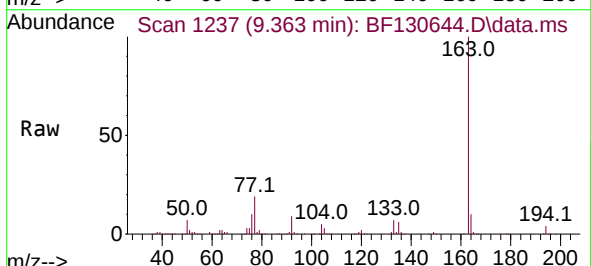
Tgt Ion:152 Resp: 738200
Ion Ratio Lower Upper
152 100
151 19.5 16.2 24.2
153 12.8 10.8 16.2

Manual Integrations
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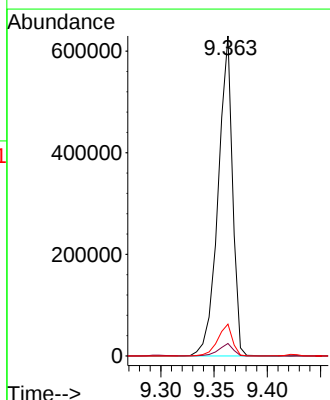
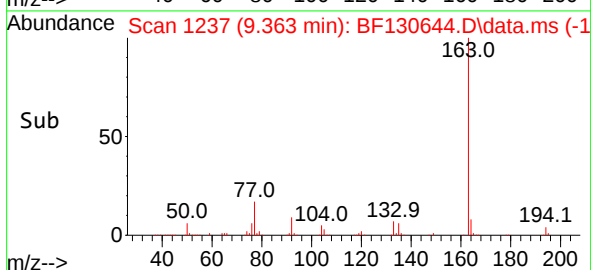
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

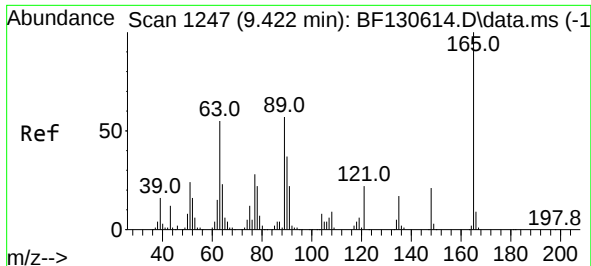


#50
Dimethylphthalate
Concen: 43.782 ng
RT: 9.363 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:163 Resp: 594353
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.9 8.5 12.7





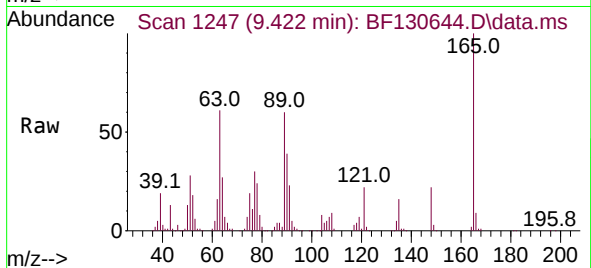
#51
2,6-Dinitrotoluene
Concen: 45.030 ng
RT: 9.422 min Scan# 1247
Delta R.T. -0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB148309BS

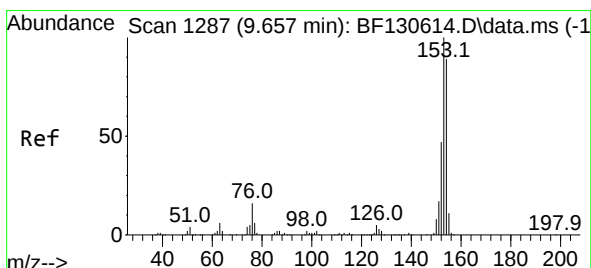
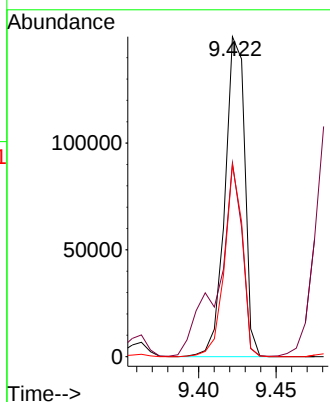
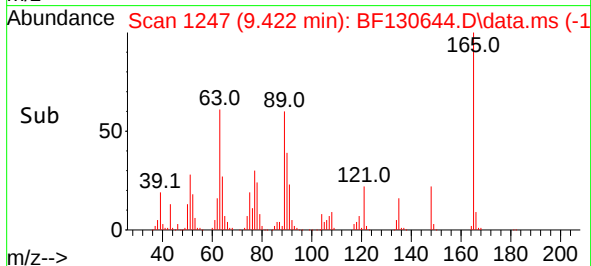


Tgt Ion:165 Resp: 134092
Ion Ratio Lower Upper
165 100
63 60.5 45.3 67.9
89 60.0 45.6 68.4

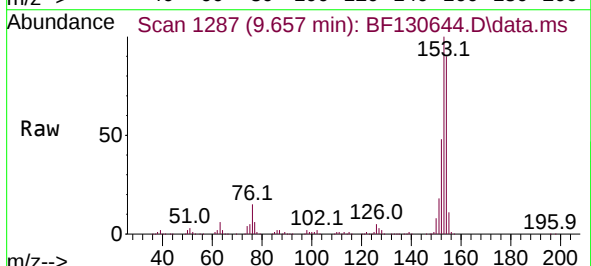
Manual Integrations

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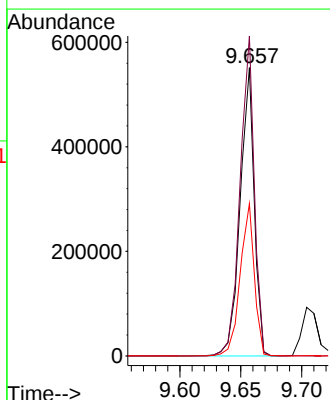
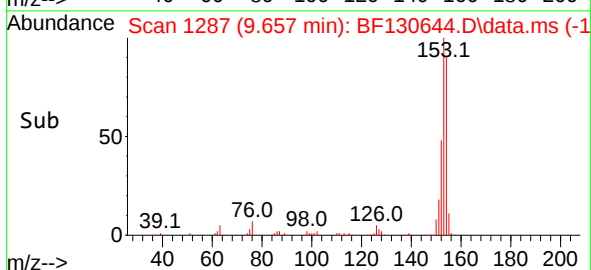
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

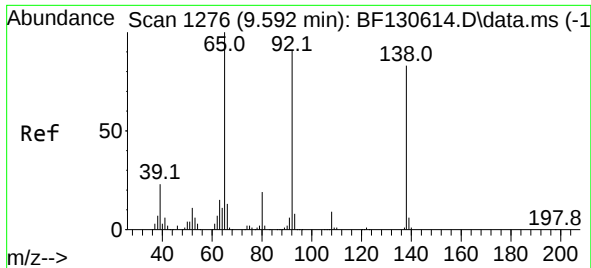


#52
Acenaphthene
Concen: 42.207 ng
RT: 9.657 min Scan# 1287
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:154 Resp: 445058
Ion Ratio Lower Upper
154 100
153 111.0 89.6 134.4
152 52.8 42.4 63.6





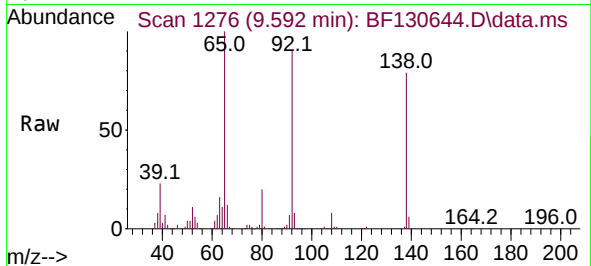
#53
3-Nitroaniline
Concen: 34.730 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

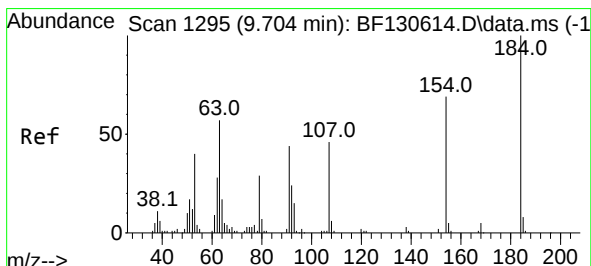
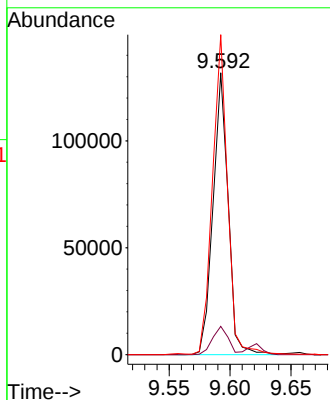
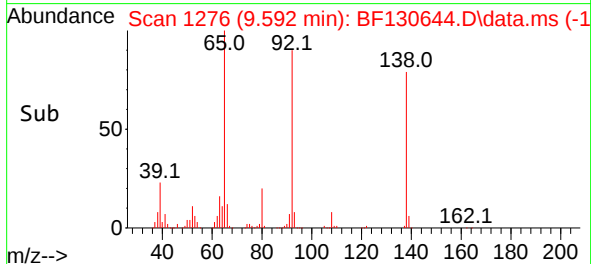
PB148309BS



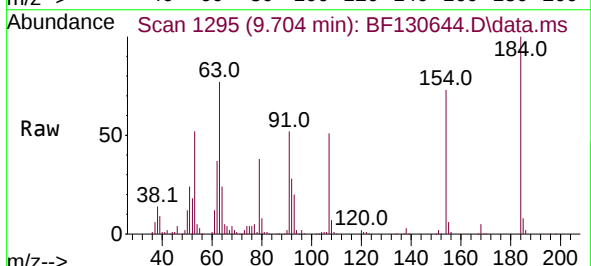
Tgt Ion:138 Resp: 113366
Ion Ratio Lower Upper
138 100
108 10.0 8.4 12.6
92 113.5 88.2 132.4

Manual Integrations
APPROVED

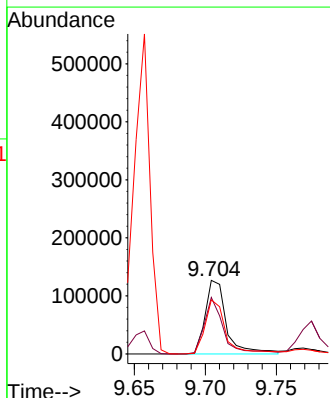
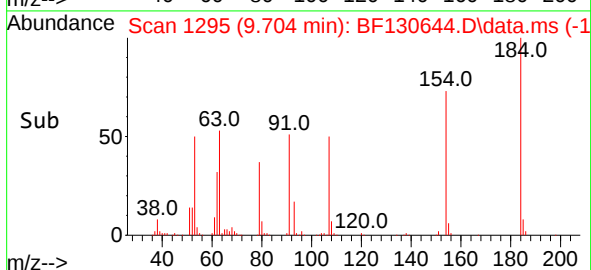
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

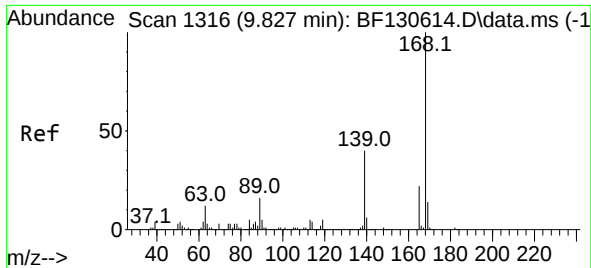


#54
2,4-Dinitrophenol
Concen: 86.362 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



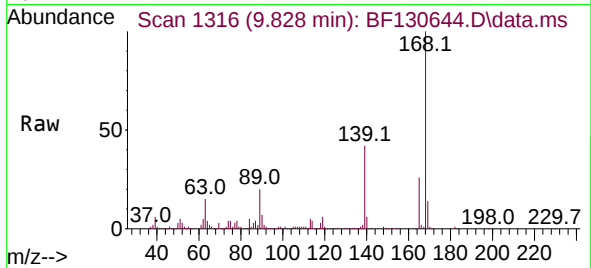
Tgt Ion:184 Resp: 131686
Ion Ratio Lower Upper
184 100
63 76.7 45.5 68.3#
154 73.3 55.1 82.7





#55
Dibenzofuran
Concen: 42.668 ng
RT: 9.828 min Scan# 1316
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

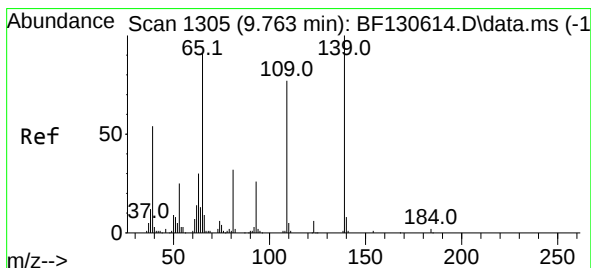
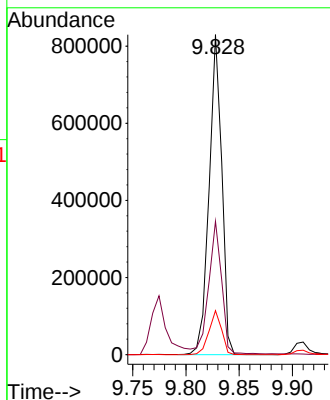
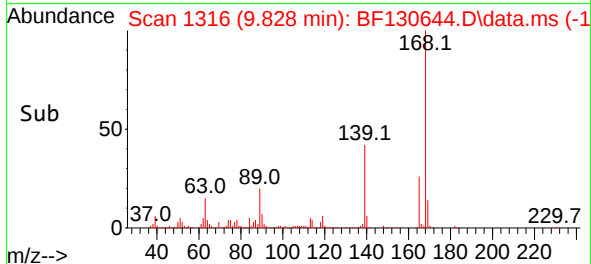
Instrument :
BNA_F
ClientSampleId :
PB148309BS



Tgt Ion:168 Resp: 685399
Ion Ratio Lower Upper
168 100
139 41.7 33.0 49.4
169 13.7 10.9 16.3

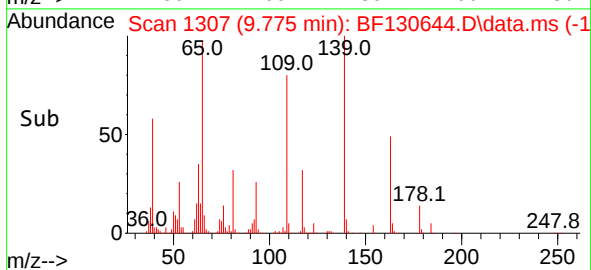
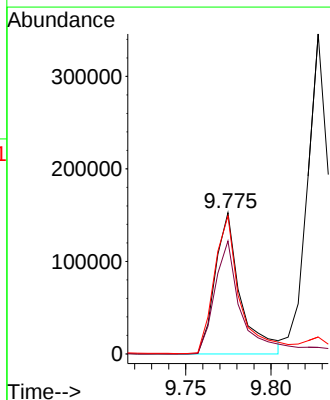
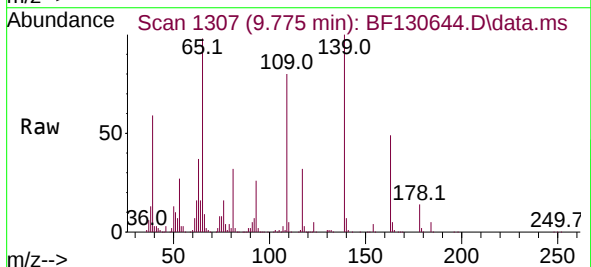
Manual Integrations
APPROVED

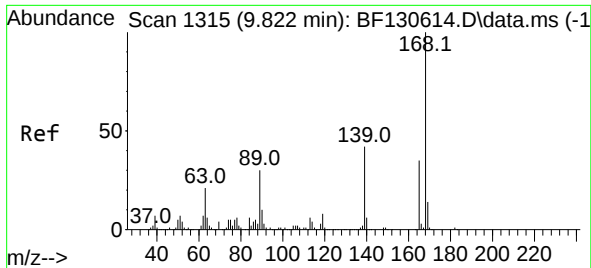
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#56
4-Nitrophenol
Concen: 87.513 ng
RT: 9.775 min Scan# 1307
Delta R.T. 0.012 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Tgt Ion:139 Resp: 157504
Ion Ratio Lower Upper
139 100
109 79.9 57.4 97.4
65 97.6 71.3 111.3





#57

2,4-Dinitrotoluene

Concen: 45.289 ng

RT: 9.828 min Scan# 1315

Delta R.T. 0.006 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB148309BS

Tgt Ion:165 Resp: 17332

Ion Ratio Lower Upper

165 100

63 59.2 50.6 76.0

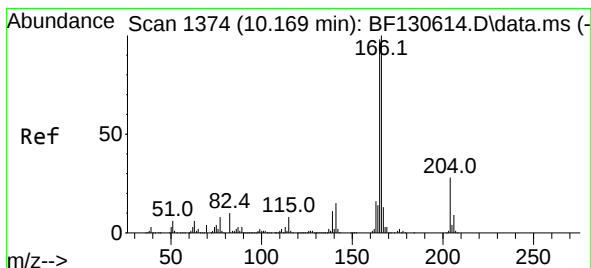
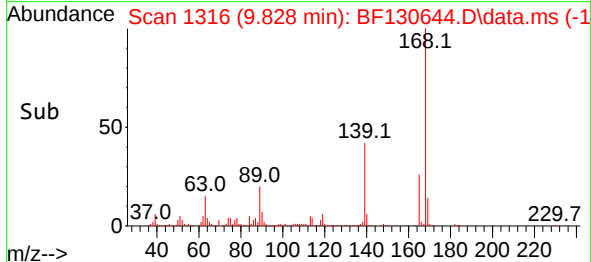
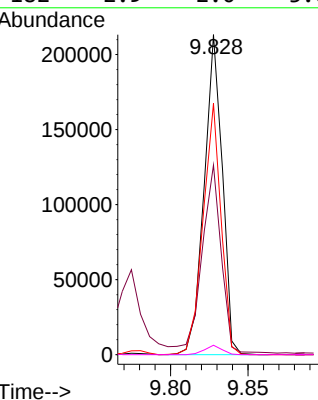
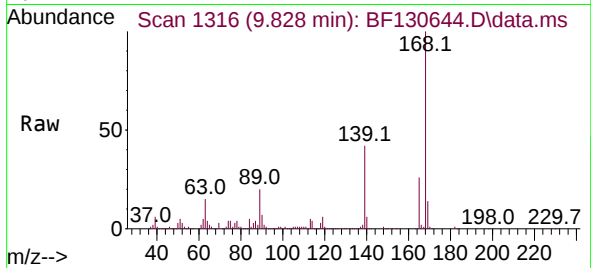
89 78.5 68.6 102.8

182 2.9 2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#58

Fluorene

Concen: 43.300 ng

RT: 10.169 min Scan# 1374

Delta R.T. 0.000 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

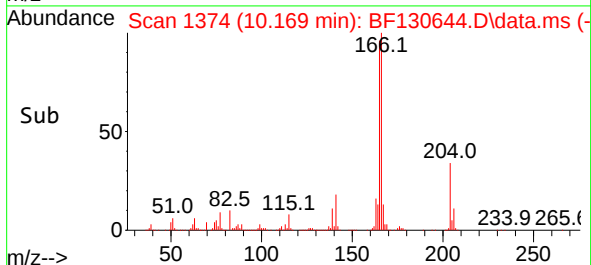
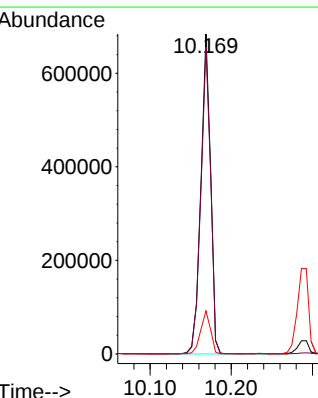
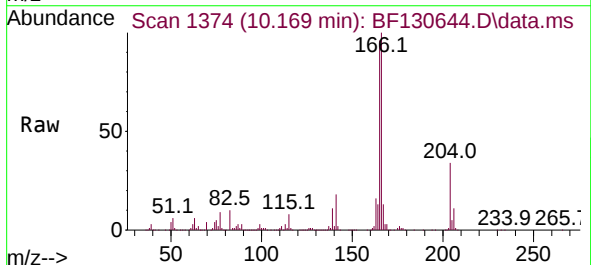
Tgt Ion:166 Resp: 571836

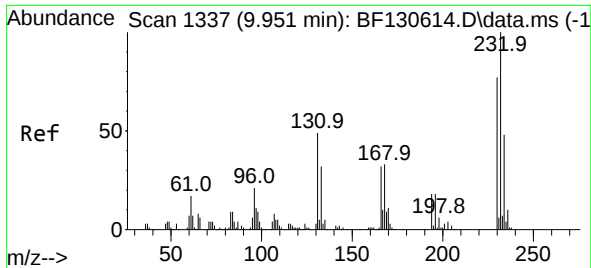
Ion Ratio Lower Upper

166 100

165 95.9 78.2 117.4

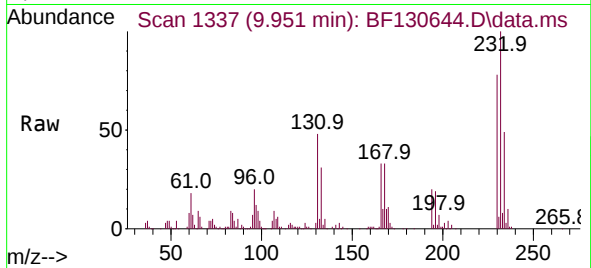
167 13.4 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.486 ng
RT: 9.951 min Scan# 1337
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

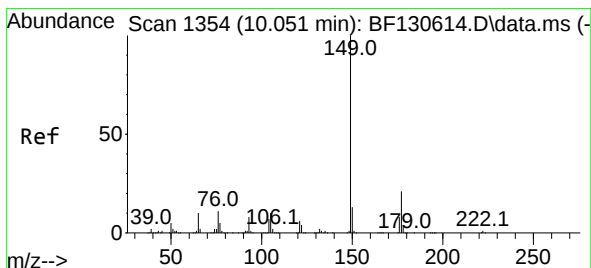
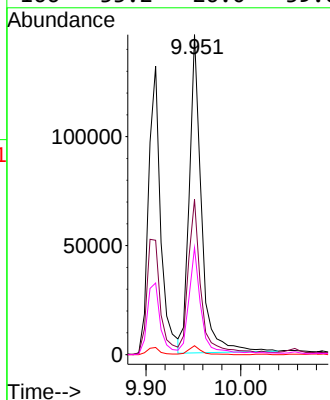
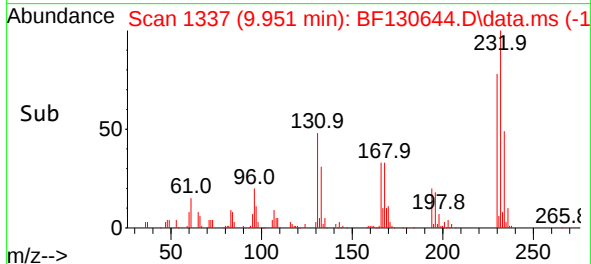
Instrument :
BNA_F
ClientSampleId :
PB148309BS



Tgt Ion:232 Resp: 129943
Ion Ratio Lower Upper
232 100
131 51.8 41.4 62.0
130 2.8 2.1 3.1
166 33.2 26.0 39.0

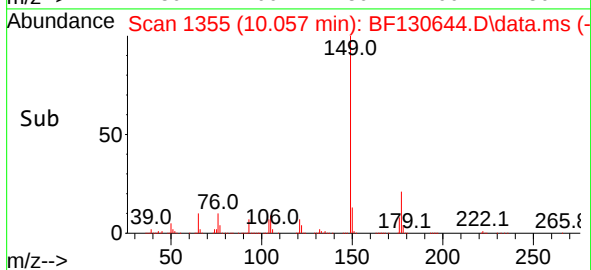
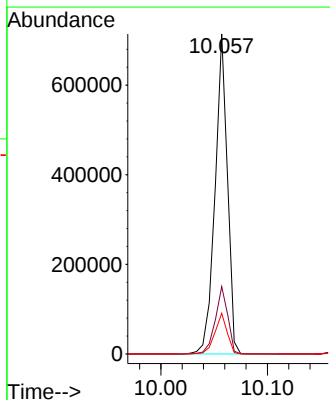
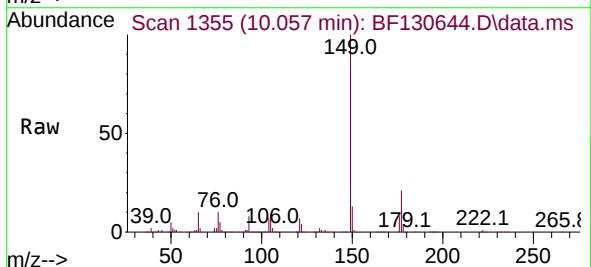
Manual Integrations
APPROVED

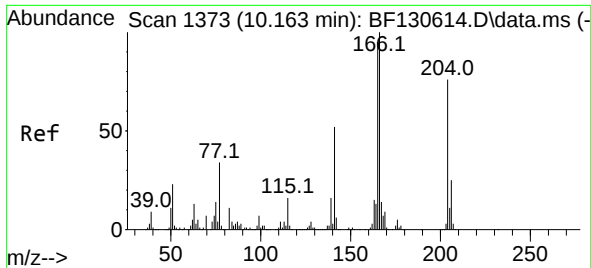
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#60
Diethylphthalate
Concen: 42.642 ng
RT: 10.057 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

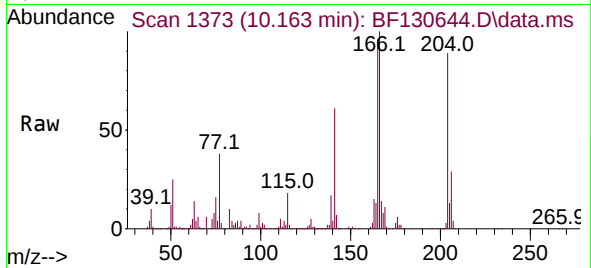
Tgt Ion:149 Resp: 577565
Ion Ratio Lower Upper
149 100
177 21.0 16.7 25.1
150 12.7 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 45.038 ng
RT: 10.163 min Scan# 1373
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

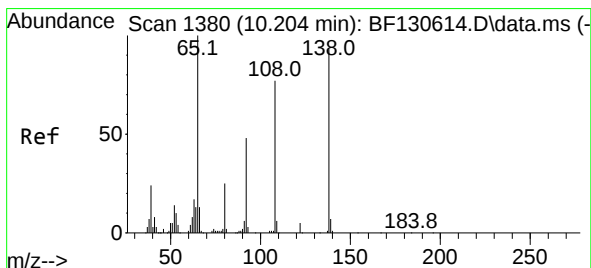
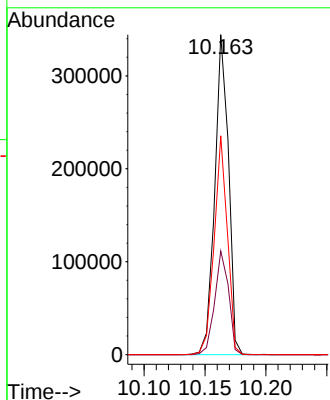
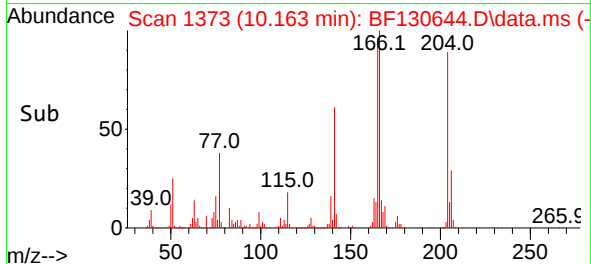
Instrument :
BNA_F
ClientSampleId :
PB148309BS



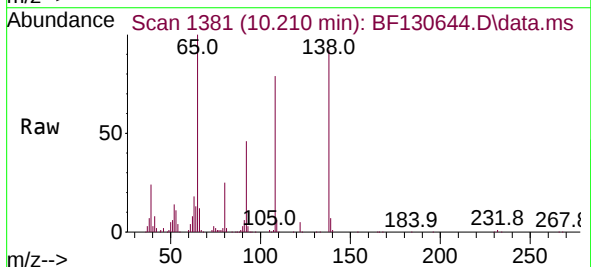
Tgt Ion:204 Resp: 268907
Ion Ratio Lower Upper
204 100
206 32.4 26.1 39.1
141 68.4 54.6 81.8

Manual Integrations
APPROVED

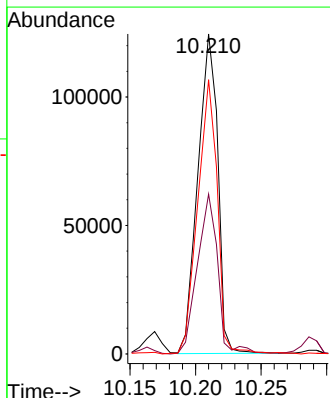
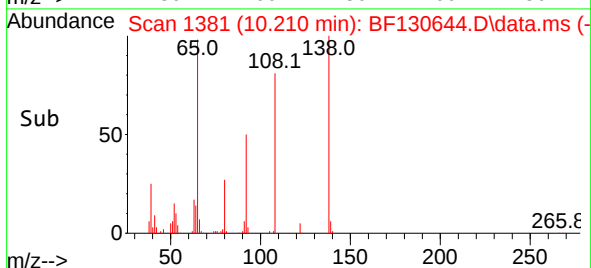
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

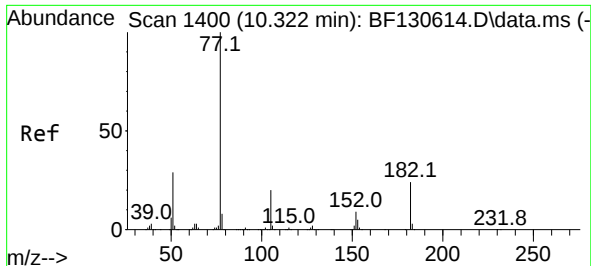


#62
4-Nitroaniline
Concen: 42.041 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



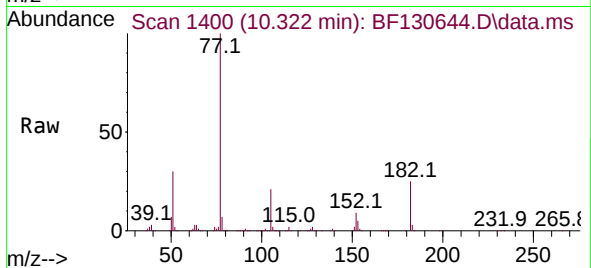
Tgt Ion:138 Resp: 131021
Ion Ratio Lower Upper
138 100
92 49.9 31.1 71.1
108 85.7 62.1 102.1





#63
Azobenzene
Concen: 40.429 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

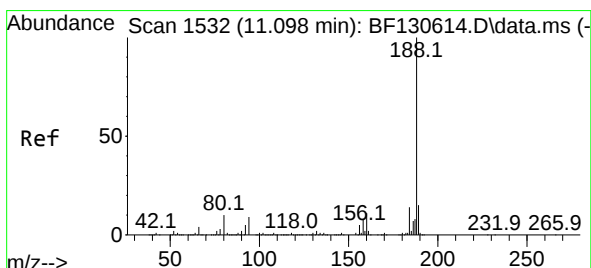
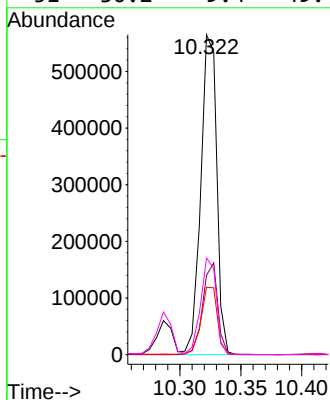
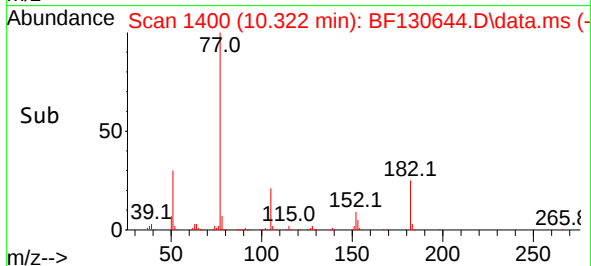
Instrument :
BNA_F
ClientSampleId :
PB148309BS



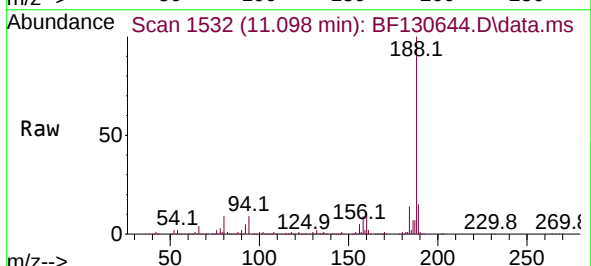
Tgt Ion: 77 Resp: 51575
Ion Ratio Lower Upper
77 100
182 24.8 3.8 43.8
105 21.0 0.3 40.3
51 30.2 9.4 49.4

Manual Integrations
APPROVED

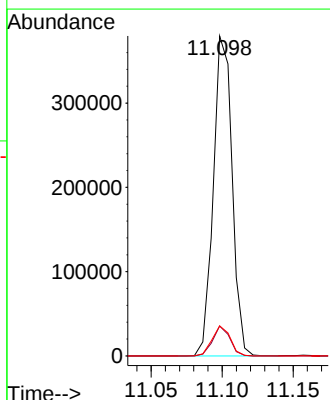
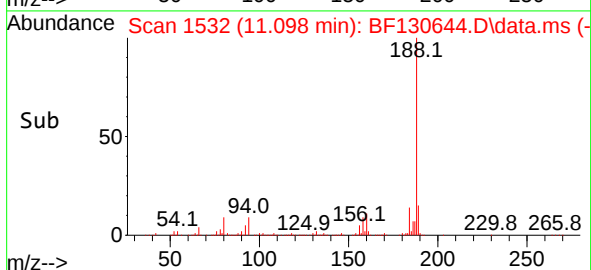
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

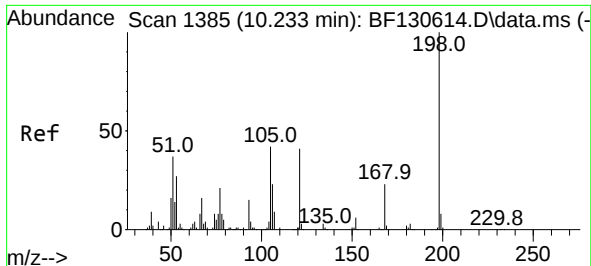


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.098 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:188 Resp: 348333
Ion Ratio Lower Upper
188 100
94 9.3 7.4 11.2
80 9.4 8.0 12.0





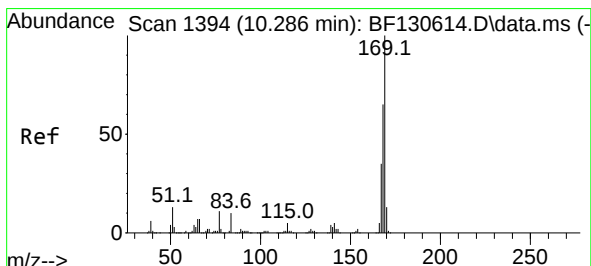
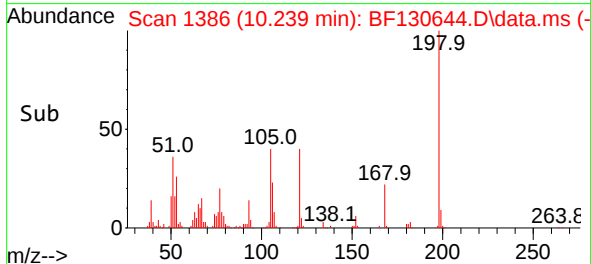
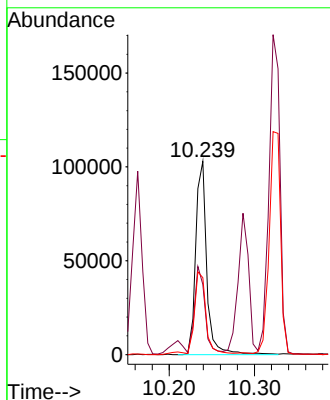
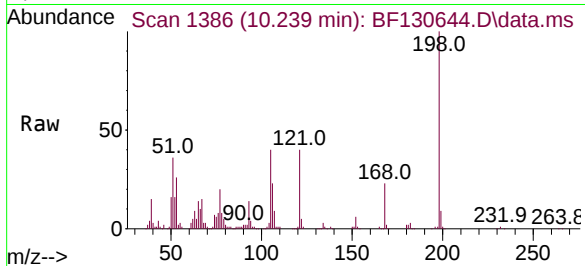
#65
4,6-Dinitro-2-methylphenol
Concen: 42.628 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion:198 Resp: 92794
Ion Ratio Lower Upper
198 100
51 36.3 18.7 58.7
105 39.8 22.0 62.0

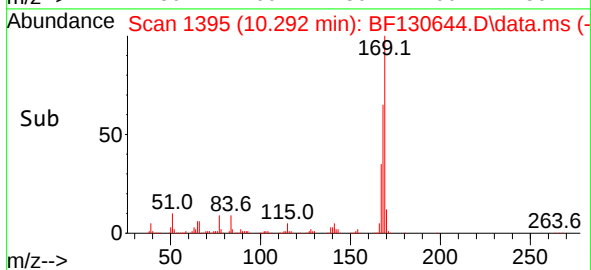
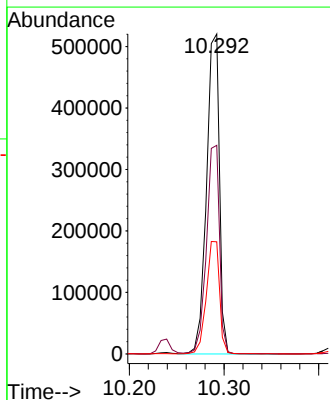
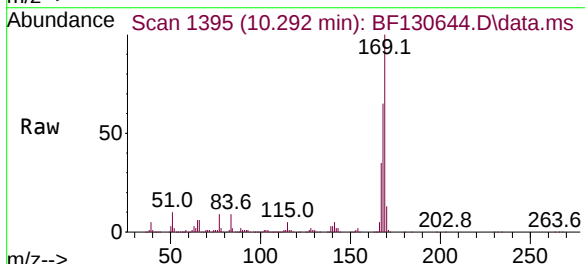
Manual Integrations
APPROVED

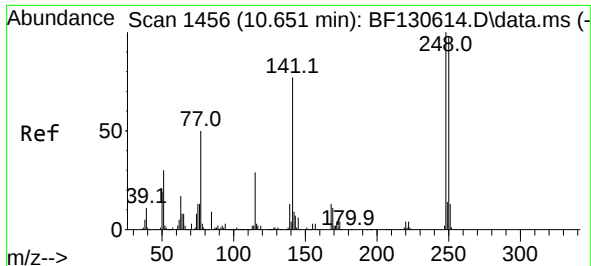
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#66
n-Nitrosodiphenylamine
Concen: 42.653 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

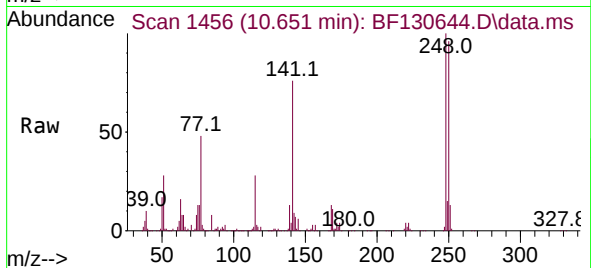
Tgt Ion:169 Resp: 494217
Ion Ratio Lower Upper
169 100
168 65.2 52.2 78.4
167 35.1 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 44.642 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

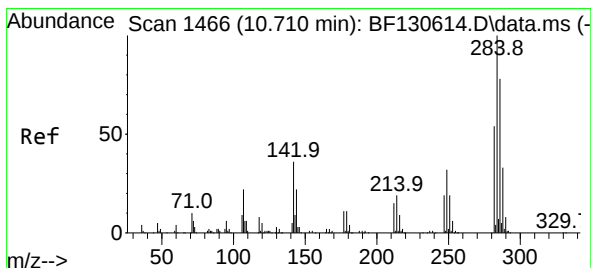
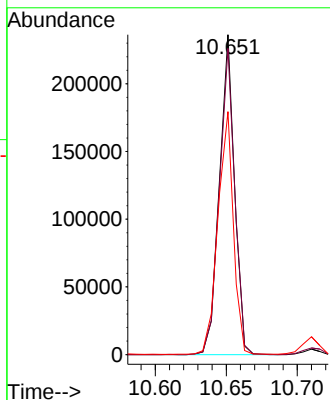
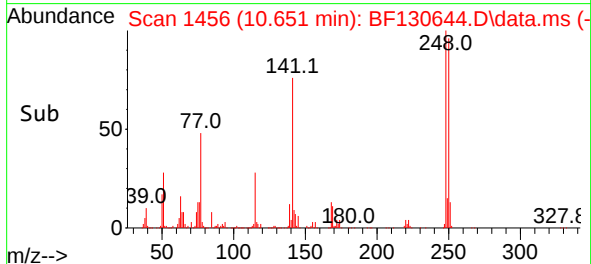
Instrument :
BNA_F
ClientSampleId :
PB148309BS



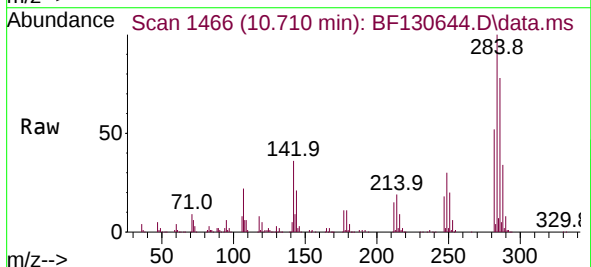
Tgt Ion:248 Resp: 175950
Ion Ratio Lower Upper
248 100
250 95.7 78.7 118.1
141 75.9 61.6 92.4

Manual Integrations
APPROVED

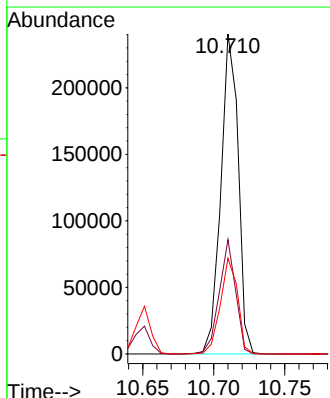
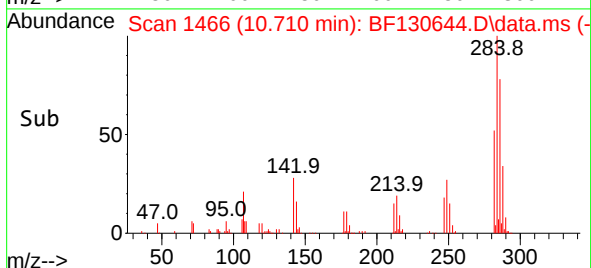
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

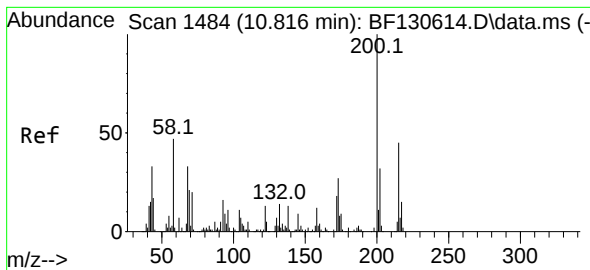


#68
Hexachlorobenzene
Concen: 46.045 ng
RT: 10.710 min Scan# 1466
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



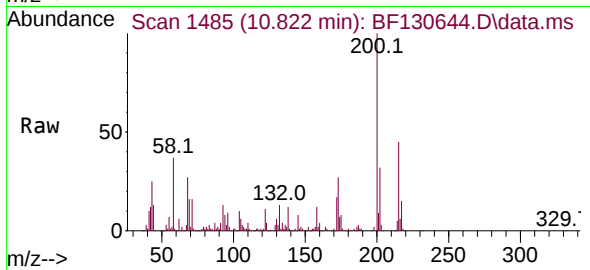
Tgt Ion:284 Resp: 205151
Ion Ratio Lower Upper
284 100
142 35.7 28.6 42.8
249 29.9 25.2 37.8





#69
Atrazine
Concen: 50.830 ng
RT: 10.822 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

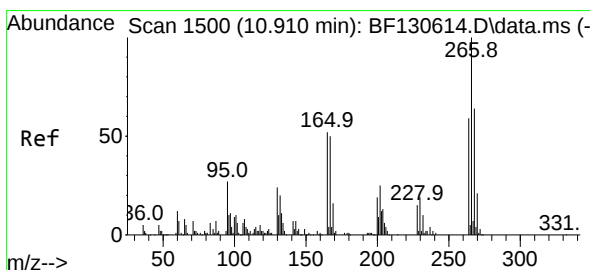
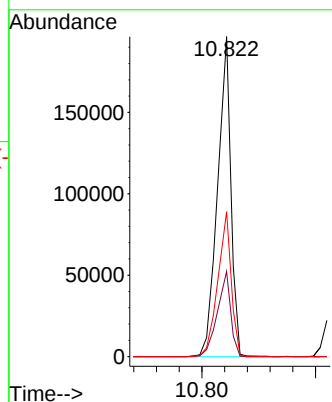
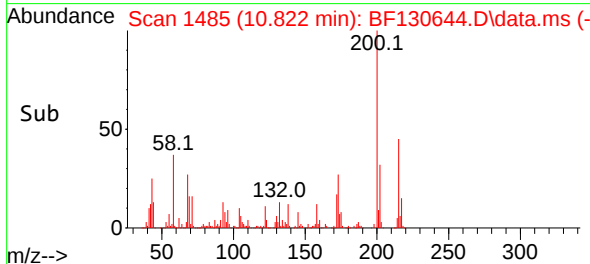
Instrument :
BNA_F
ClientSampleId :
PB148309BS



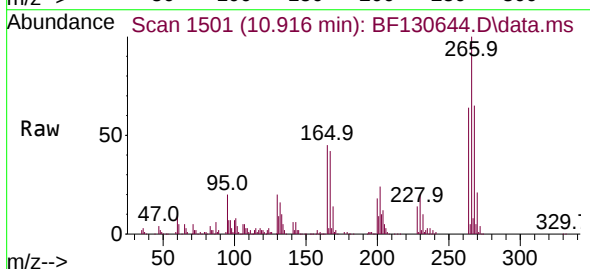
Tgt Ion:200 Resp: 160379
Ion Ratio Lower Upper
200 100
173 26.6 7.1 47.1
215 45.3 24.9 64.9

Manual Integrations
APPROVED

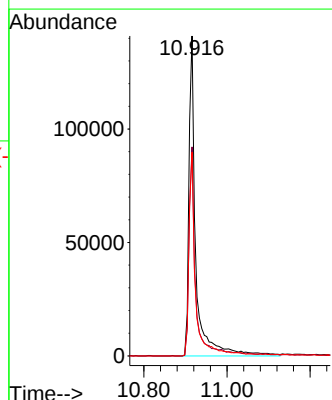
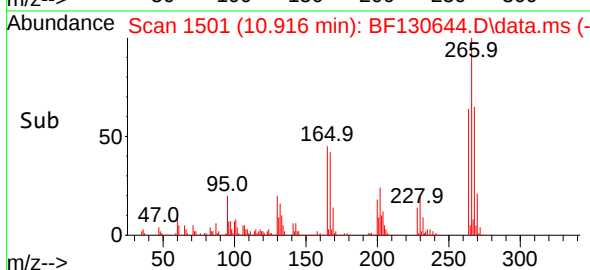
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

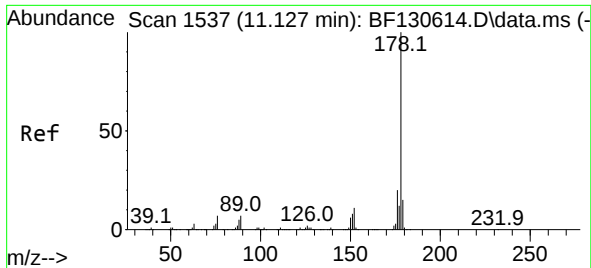


#70
Pentachlorophenol
Concen: 94.556 ng
RT: 10.916 min Scan# 1501
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:266 Resp: 163964
Ion Ratio Lower Upper
266 100
268 65.3 50.8 76.2
264 63.7 47.5 71.3





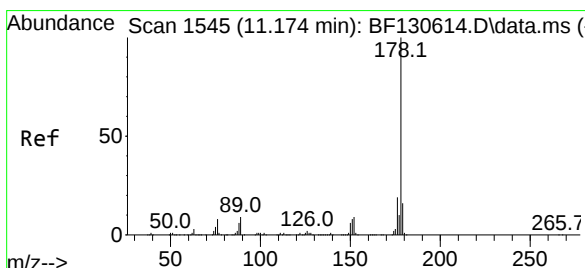
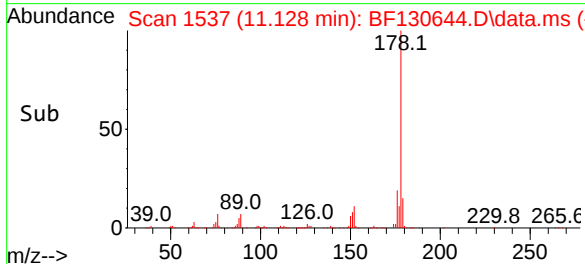
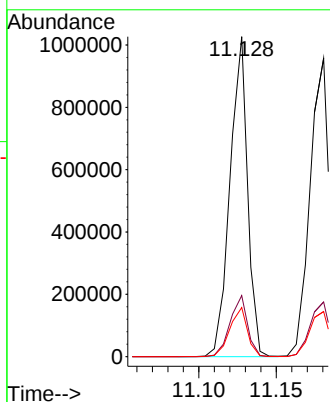
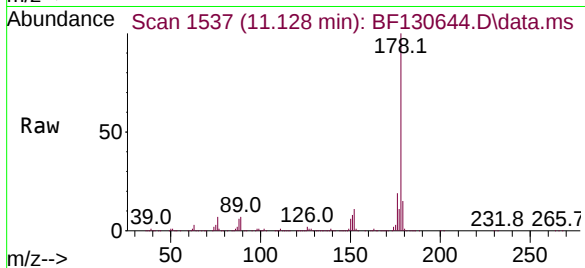
#71
Phenanthrene
Concen: 41.917 ng
RT: 11.128 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

Instrument :
BNA_F
ClientSampleId :
PB148309BS

Tgt Ion:178 Resp: 80894
Ion Ratio Lower Upper
178 100
176 19.1 15.7 23.5
179 15.3 12.2 18.4

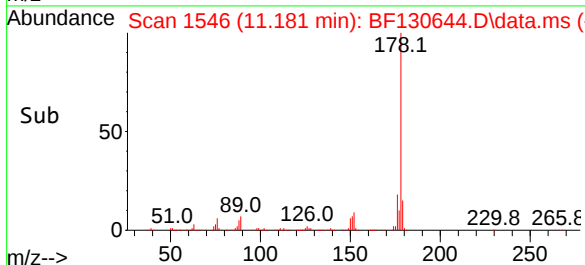
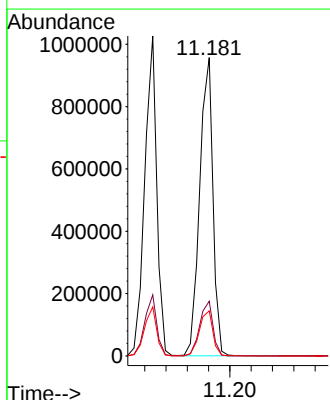
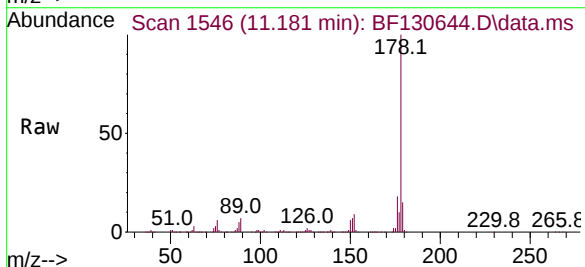
Manual Integrations
APPROVED

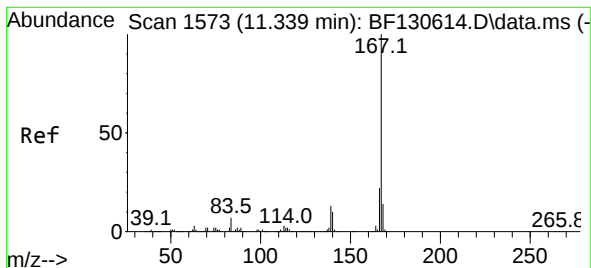
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#72
Anthracene
Concen: 43.702 ng
RT: 11.181 min Scan# 1546
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

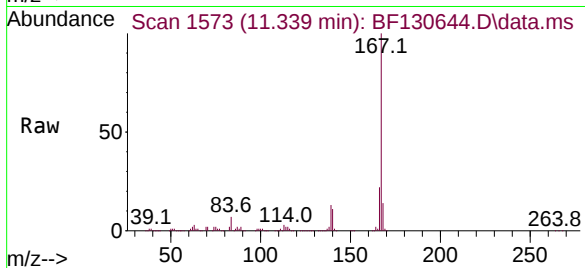
Tgt Ion:178 Resp: 823708
Ion Ratio Lower Upper
178 100
176 18.3 15.0 22.4
179 15.1 12.5 18.7





#73
 Carbazole
 Concen: 43.798 ng
 RT: 11.339 min Scan# 1573
 Delta R.T. 0.000 min
 Lab File: BF130644.D
 Acq: 13 Oct 2022 13:22

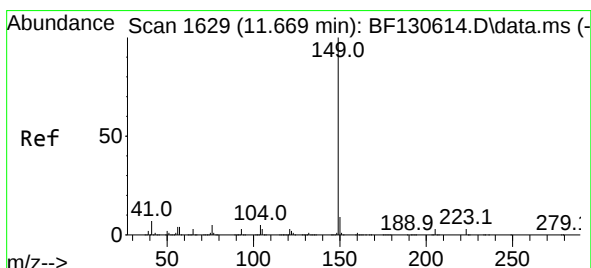
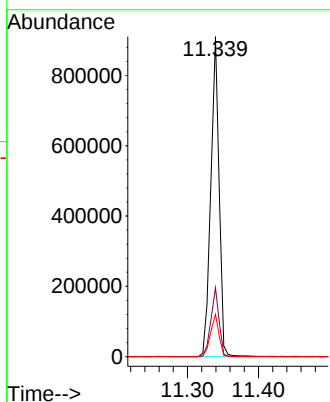
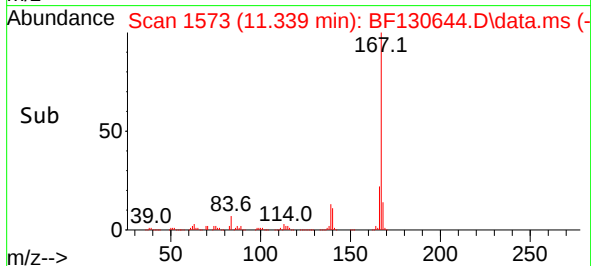
Instrument :
 BNA_F
 ClientSampleId :
 PB148309BS



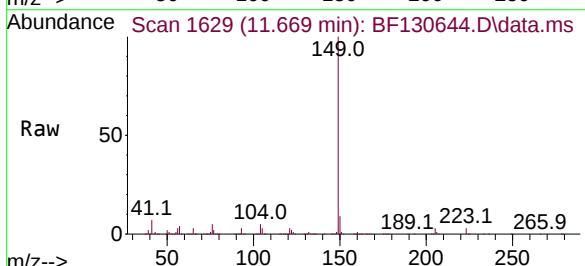
Tgt Ion:167 Resp: 736619
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.3 25.9
 139 13.2 10.7 16.1

Manual Integrations
 APPROVED

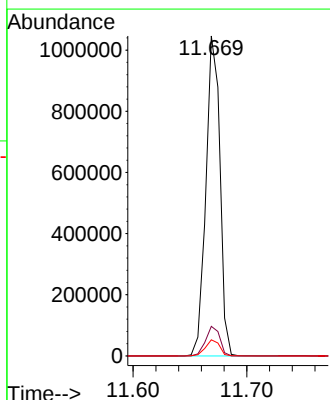
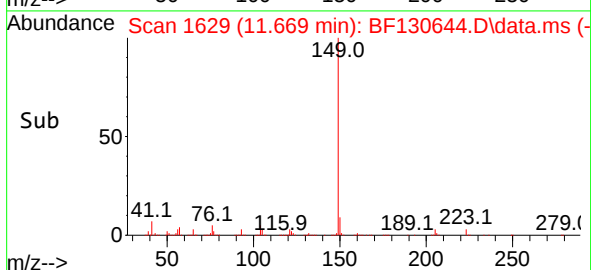
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

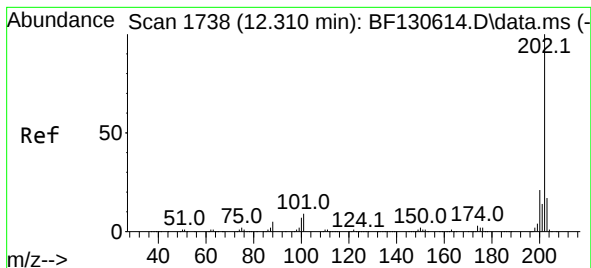


#74
 Di-n-butylphthalate
 Concen: 44.223 ng
 RT: 11.669 min Scan# 1629
 Delta R.T. 0.000 min
 Lab File: BF130644.D
 Acq: 13 Oct 2022 13:22



Tgt Ion:149 Resp: 900939
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.2 6.2





#75

Fluoranthene

Concen: 45.066 ng

RT: 12.310 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Instrument :

BNA_F

ClientSampleId :

PB148309BS

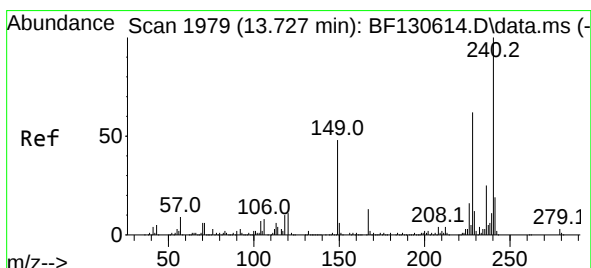
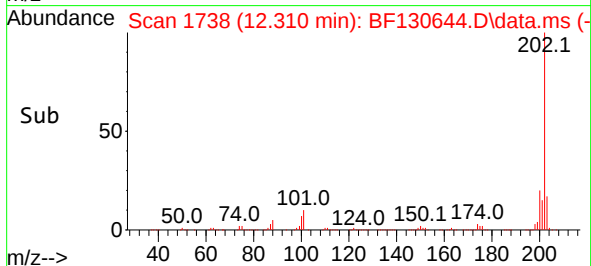
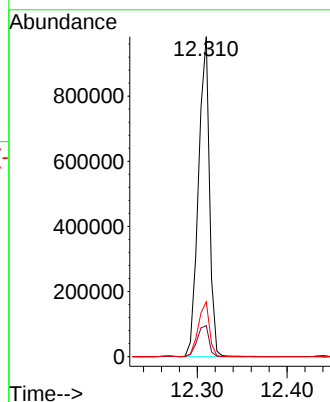
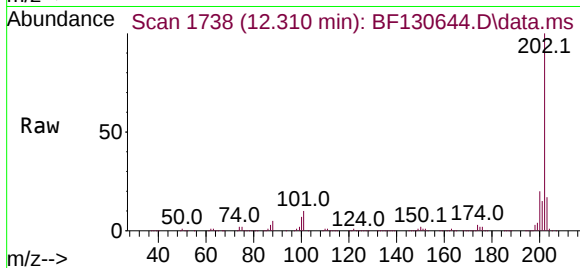
Tgt Ion:202 Resp: 83589

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	29.1
203	17.1	0.0	37.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.733 min Scan# 1980

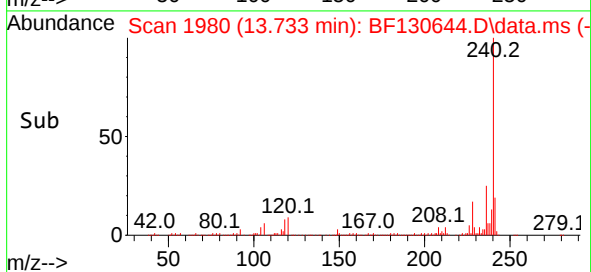
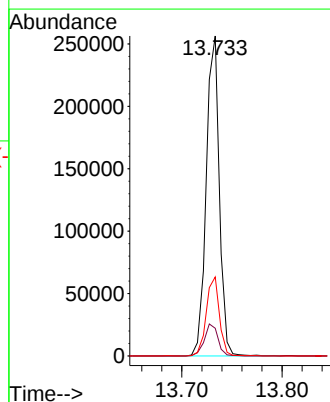
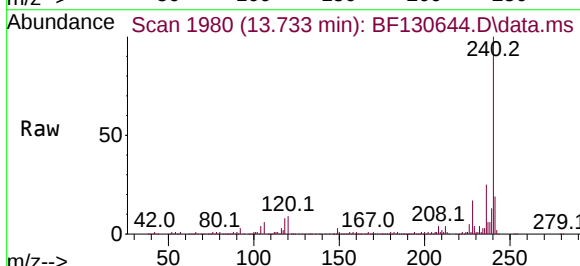
Delta R.T. 0.006 min

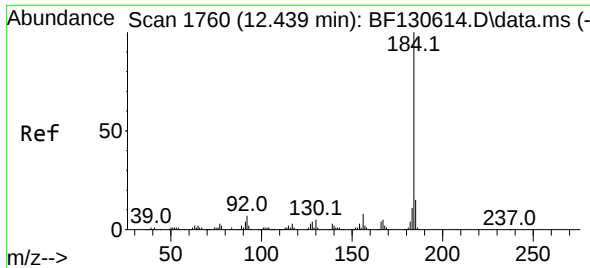
Lab File: BF130644.D

Acq: 13 Oct 2022 13:22

Tgt Ion:240 Resp: 231307

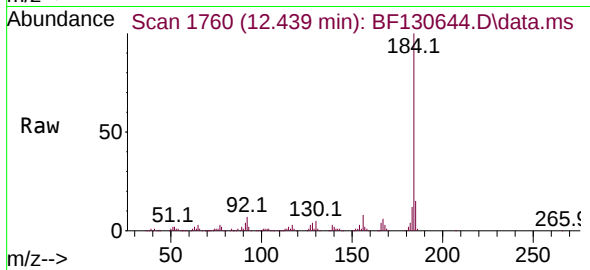
Ion	Ratio	Lower	Upper
240	100		
120	8.6	8.6	13.0#
236	24.7	20.2	30.4





#77
Benzidine
Concen: 55.243 ng
RT: 12.439 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

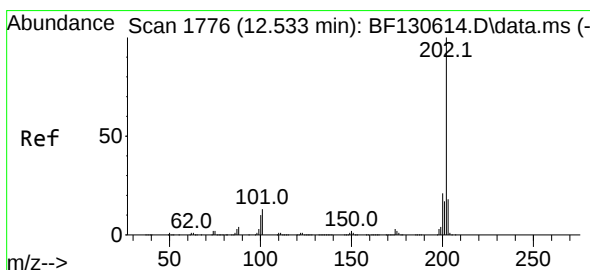
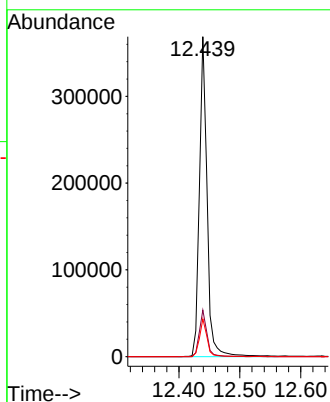
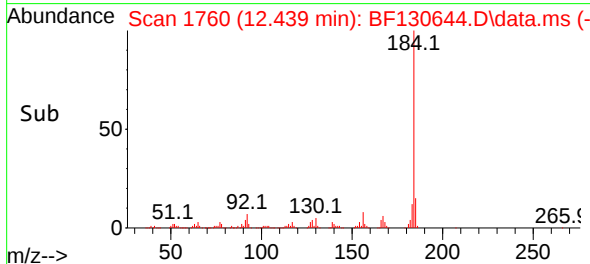
Instrument :
BNA_F
ClientSampleId :
PB148309BS



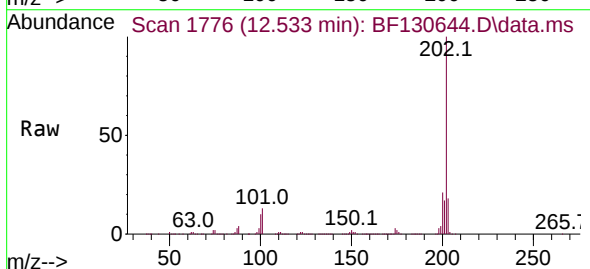
Tgt Ion:184 Resp: 322982
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.8 9.0 13.4

Manual Integrations
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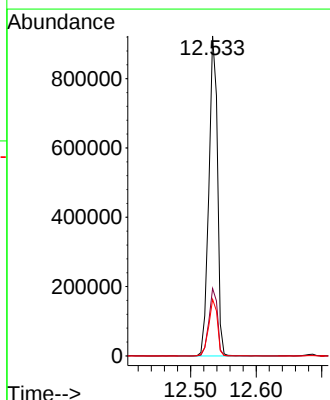
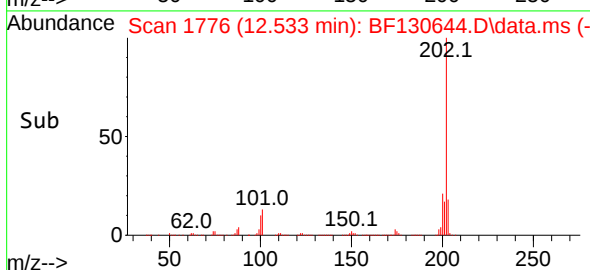
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

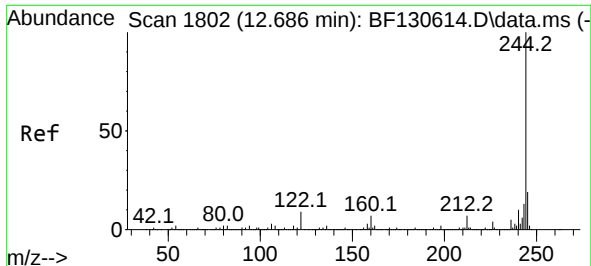


#78
Pyrene
Concen: 42.019 ng
RT: 12.533 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



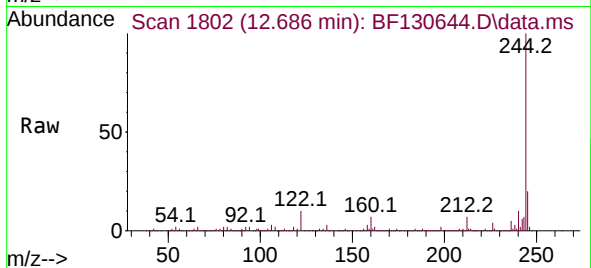
Tgt Ion:202 Resp: 838486
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.7 14.0 21.0





#79
 Terphenyl-d14
 Concen: 90.298 ng
 RT: 12.686 min Scan# 1802
 Delta R.T. 0.000 min
 Lab File: BF130644.D
 Acq: 13 Oct 2022 13:22

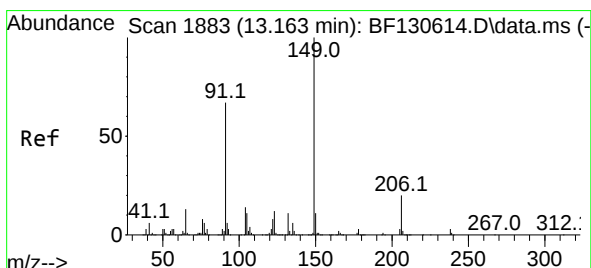
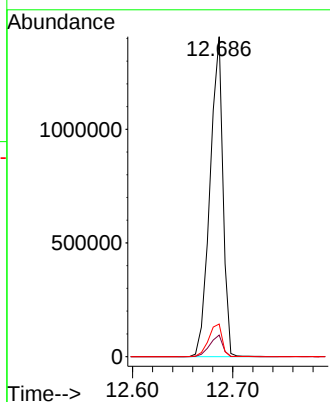
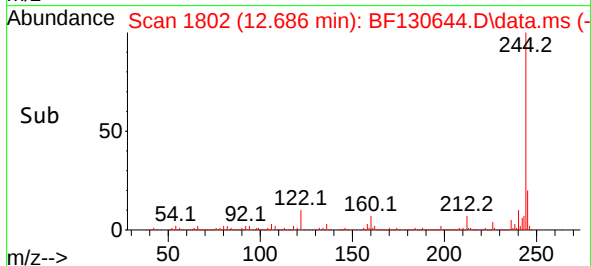
Instrument :
 BNA_F
 ClientSampleId :
 PB148309BS



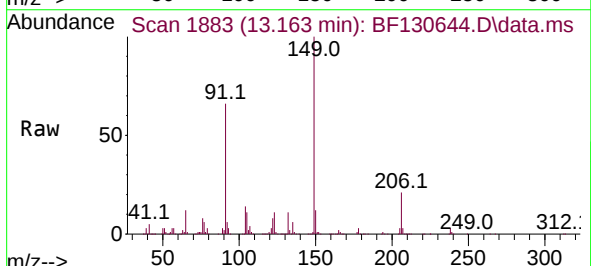
Tgt Ion:244 Resp: 1258433
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.2 7.5 11.3

Manual Integrations
 APPROVED

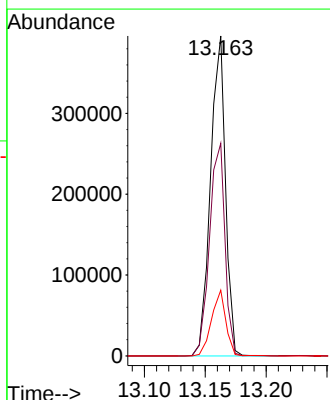
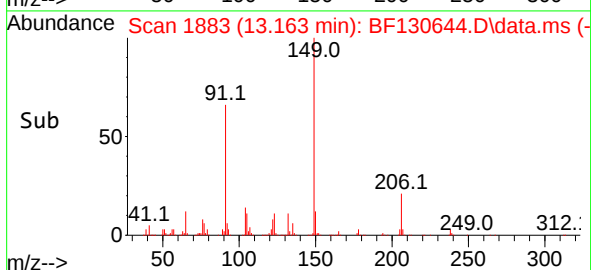
Reviewed By :Christian Giraldo 10/17/2022
 Supervised By :mohammad ahmed 10/18/2022

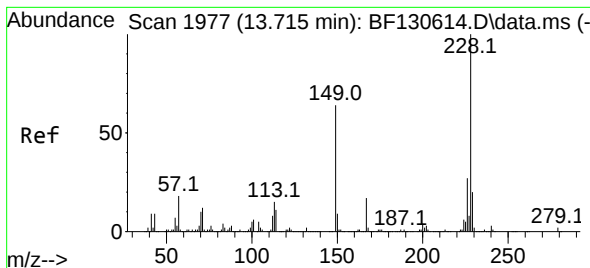


#80
 Butylbenzylphthalate
 Concen: 44.206 ng
 RT: 13.163 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: BF130644.D
 Acq: 13 Oct 2022 13:22



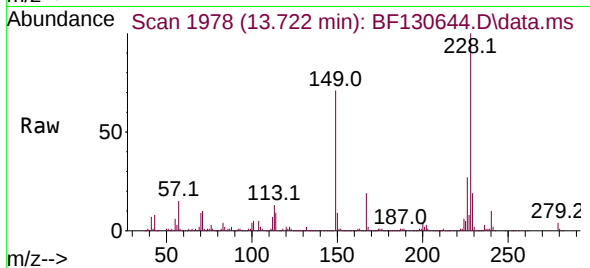
Tgt Ion:149 Resp: 339205
 Ion Ratio Lower Upper
 149 100
 91 66.5 53.8 80.8
 206 20.5 15.8 23.6





#81
Benzo(a)anthracene
Concen: 42.154 ng
RT: 13.722 min Scan# 1978
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

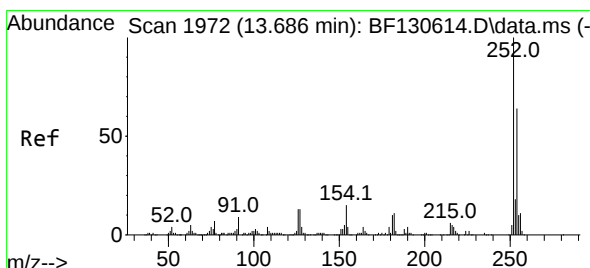
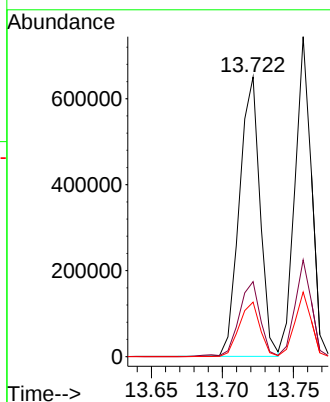
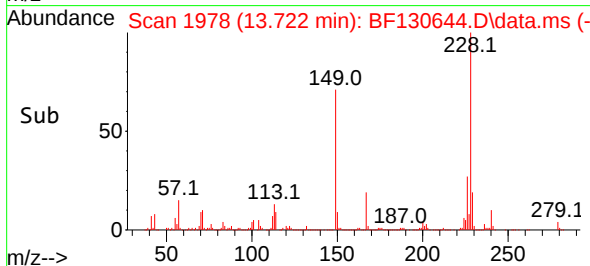
Instrument :
BNA_F
ClientSampleId :
PB148309BS



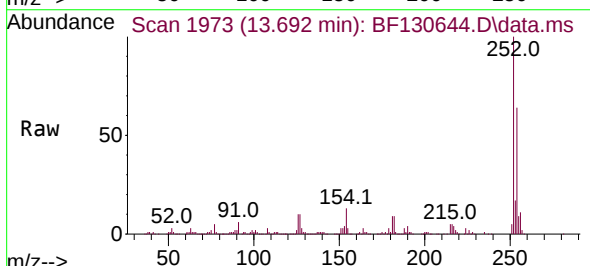
Tgt Ion:228 Resp: 656998
Ion Ratio Lower Upper
228 100
226 26.8 21.4 32.2
229 19.5 15.8 23.8

Manual Integrations
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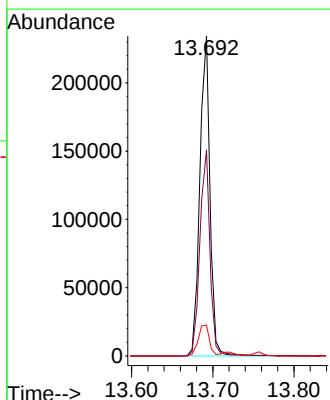
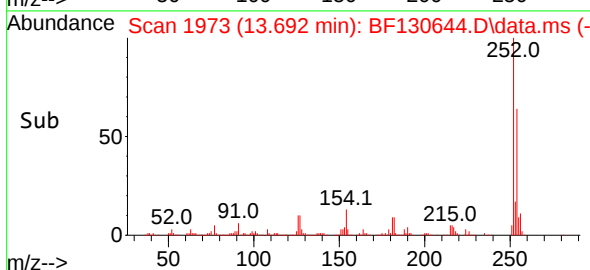
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

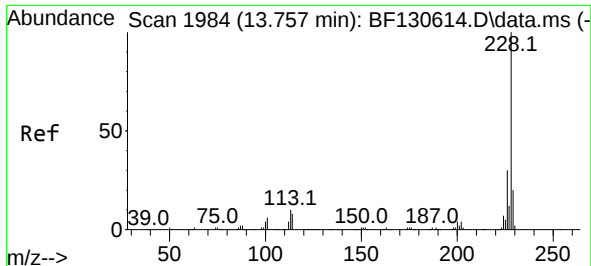


#82
3,3'-Dichlorobenzidine
Concen: 44.979 ng
RT: 13.692 min Scan# 1973
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



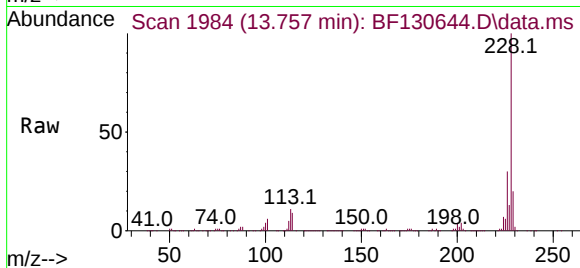
Tgt Ion:252 Resp: 202577
Ion Ratio Lower Upper
252 100
254 64.4 50.9 76.3
126 9.7 10.2 15.4





#83
Chrysene
Concen: 40.745 ng
RT: 13.757 min Scan# 1984
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

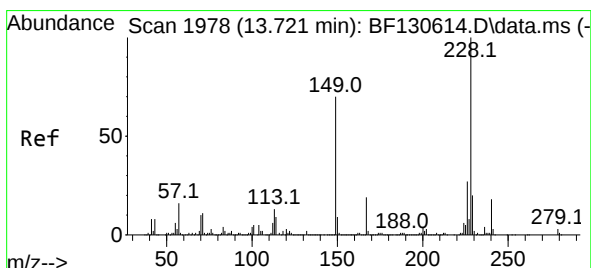
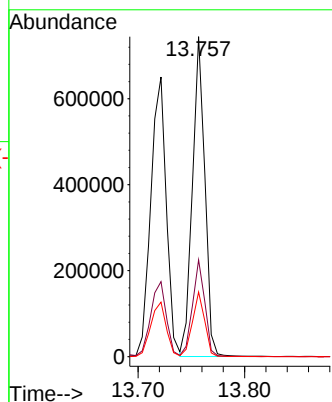
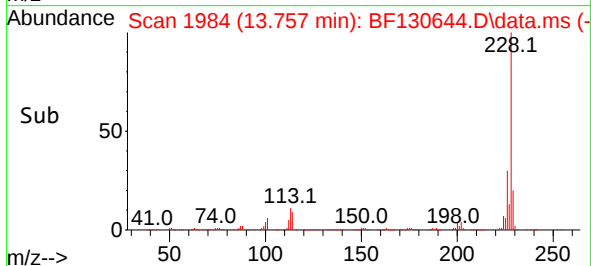
Instrument :
BNA_F
ClientSampleId :
PB148309BS



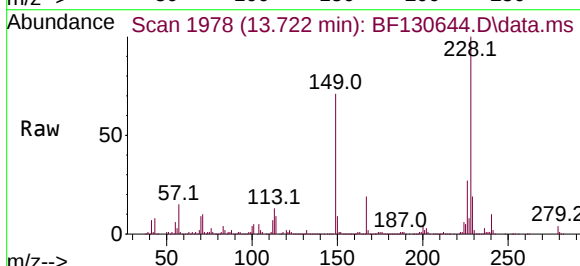
Tgt Ion:228 Resp: 602105
Ion Ratio Lower Upper
228 100
226 30.2 23.9 35.9
229 20.2 15.9 23.9

Manual Integrations
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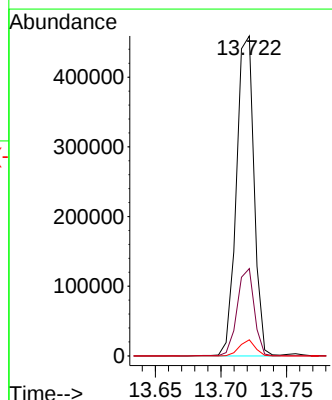
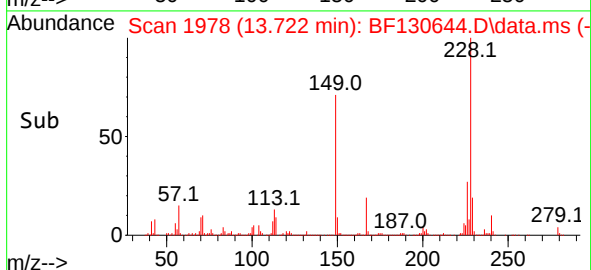
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

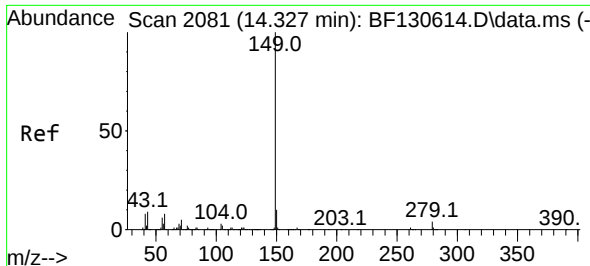


#84
Bis(2-ethylhexyl)phthalate
Concen: 45.968 ng
RT: 13.722 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



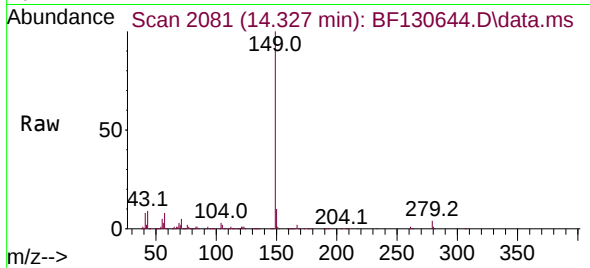
Tgt Ion:149 Resp: 427620
Ion Ratio Lower Upper
149 100
167 27.3 21.9 32.9
279 5.0 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 40.525 ng
RT: 14.327 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

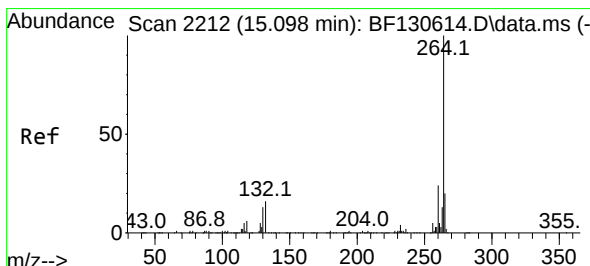
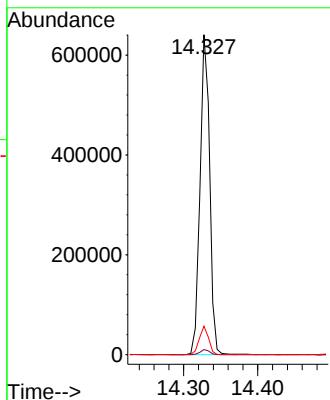
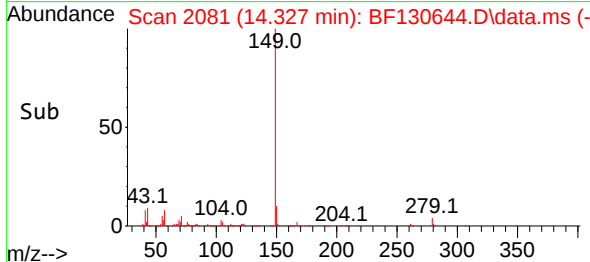
Instrument :
BNA_F
ClientSampleId :
PB148309BS



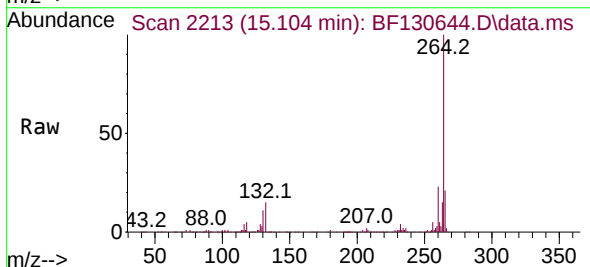
Tgt Ion:149 Resp: 577348
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.7 7.2 10.8

Manual Integrations
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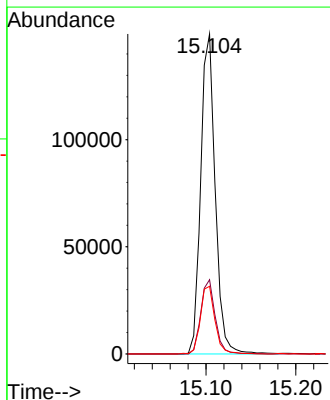
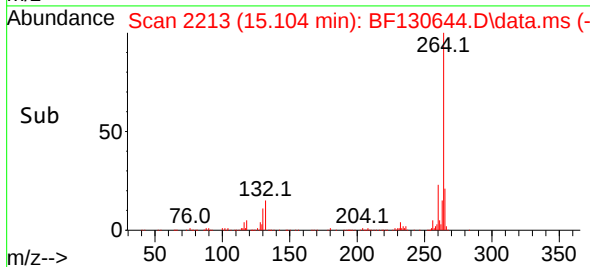
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

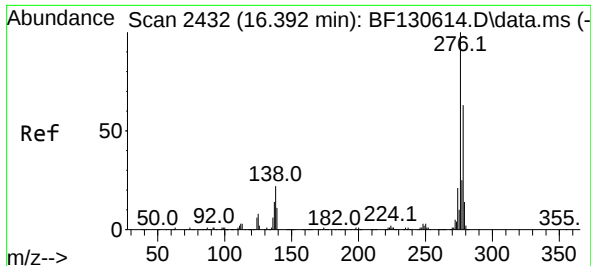


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



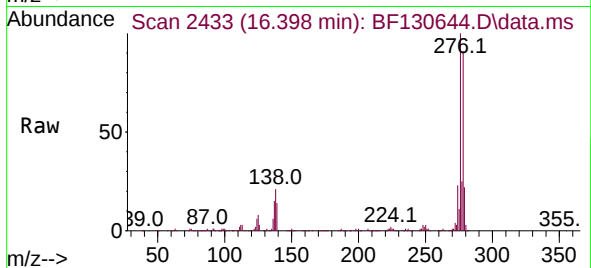
Tgt Ion:264 Resp: 167544
Ion Ratio Lower Upper
264 100
260 23.2 19.1 28.7
265 21.1 16.4 24.6





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 46.519 ng
 RT: 16.398 min Scan# 2432
 Delta R.T. 0.006 min
 Lab File: BF130644.D
 Acq: 13 Oct 2022 13:22

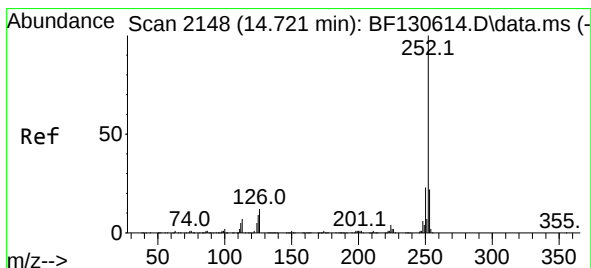
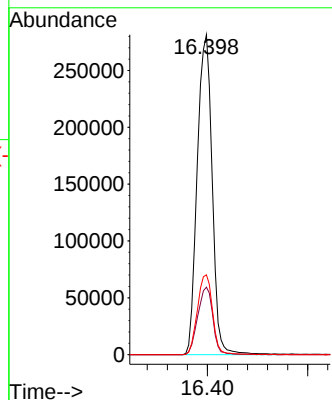
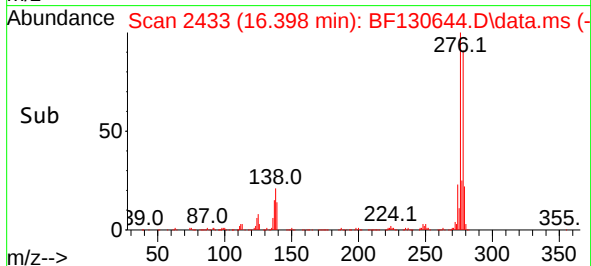
Instrument :
 BNA_F
 ClientSampleId :
 PB148309BS



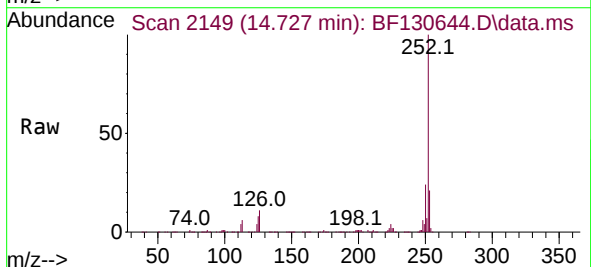
Tgt Ion: 276 Resp: 58334
 Ion Ratio Lower Upper
 276 100
 138 21.3 18.0 27.0
 277 25.1 20.0 30.0

Manual Integrations
 APPROVED

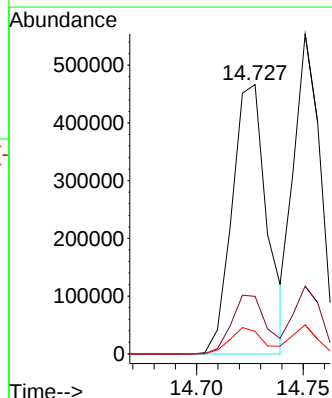
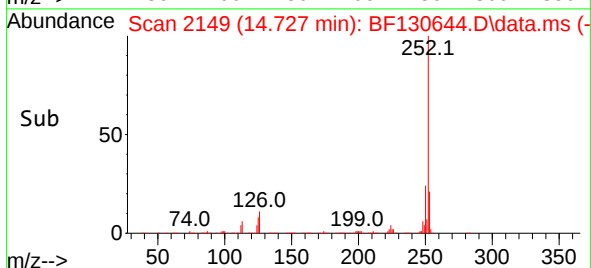
Reviewed By : Christian Giraldo 10/17/2022
 Supervised By : mohammad ahmed 10/18/2022

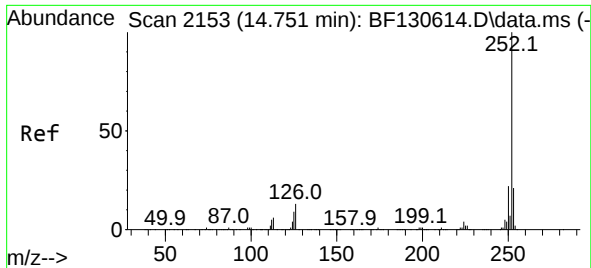


#88
 Benzo(b)fluoranthene
 Concen: 50.130 ng
 RT: 14.727 min Scan# 2149
 Delta R.T. 0.006 min
 Lab File: BF130644.D
 Acq: 13 Oct 2022 13:22



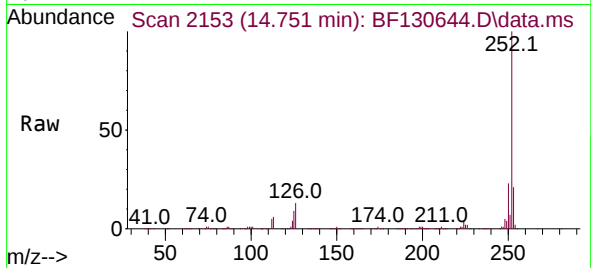
Tgt Ion: 252 Resp: 531838
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.4 26.2
 125 8.3 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 45.425 ng
RT: 14.751 min Scan# 2153
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

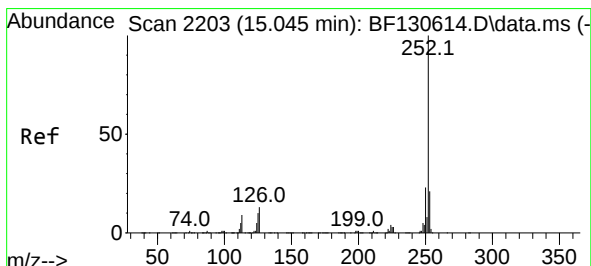
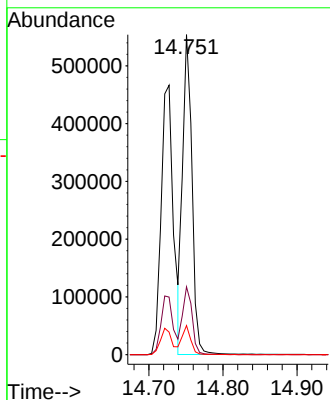
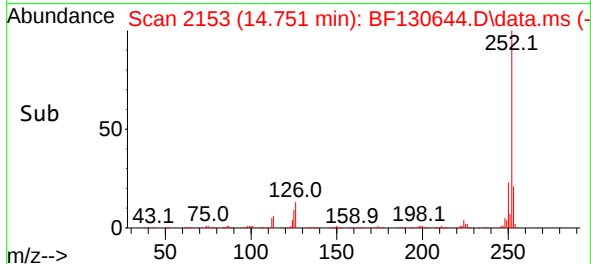
Instrument :
BNA_F
ClientSampleId :
PB148309BS



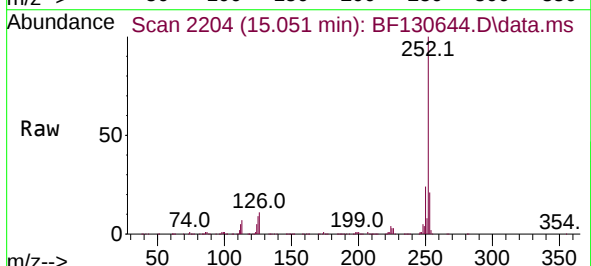
Tgt Ion:252 Resp: 490704
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.4
125 9.1 7.2 10.8

Manual Integrations
APPROVED

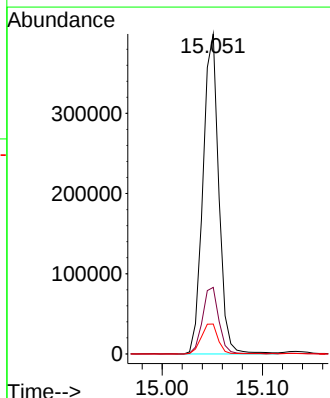
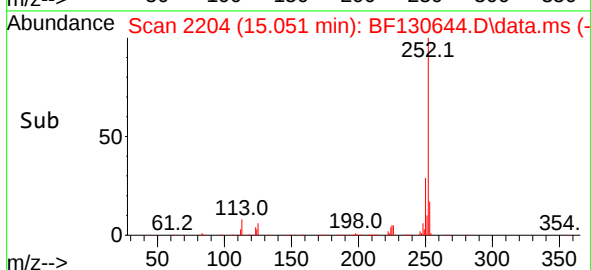
Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022

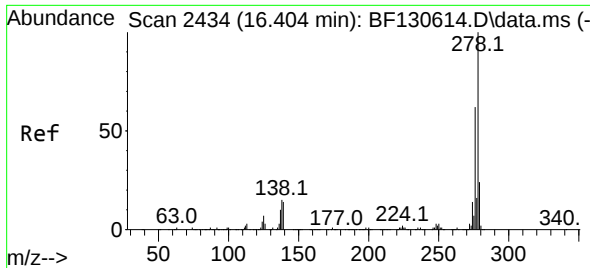


#90
Benzo(a)pyrene
Concen: 49.398 ng
RT: 15.051 min Scan# 2204
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



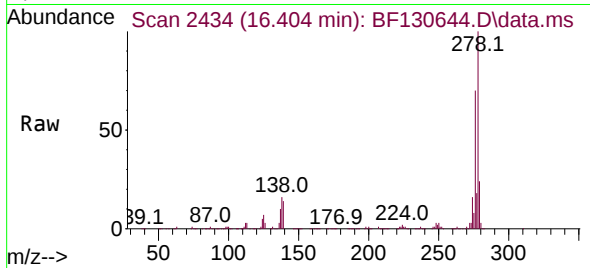
Tgt Ion:252 Resp: 436181
Ion Ratio Lower Upper
252 100
253 20.8 17.0 25.6
125 9.3 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 49.824 ng
RT: 16.404 min Scan# 2434
Delta R.T. 0.000 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22

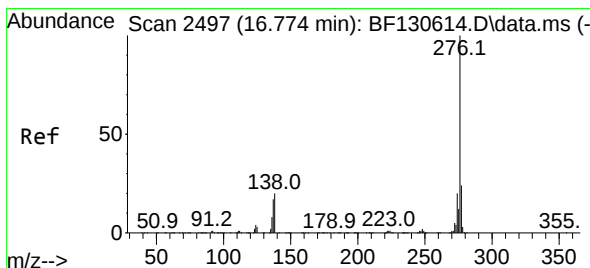
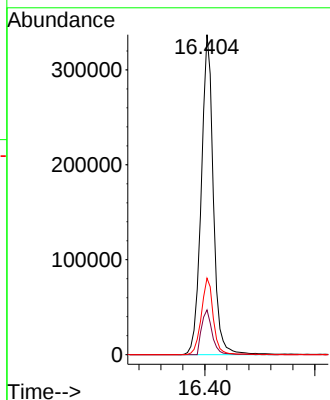
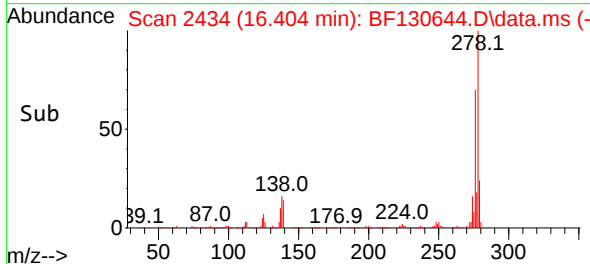
Instrument :
BNA_F
ClientSampleId :
PB148309BS



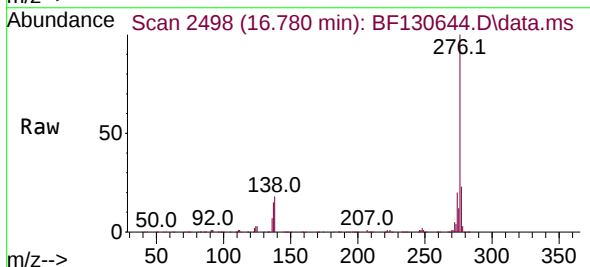
Tgt Ion:278 Resp: 512140
Ion Ratio Lower Upper
278 100
139 14.0 11.1 16.7
279 23.9 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 10/17/2022
Supervised By :mohammad ahmed 10/18/2022



#92
Benzo(g,h,i)perylene
Concen: 52.512 ng
RT: 16.780 min Scan# 2498
Delta R.T. 0.006 min
Lab File: BF130644.D
Acq: 13 Oct 2022 13:22



Tgt Ion:276 Resp: 502736
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 17.7 15.9 23.9

