

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101922\
 Data File : BF130715.D
 Acq On : 19 Oct 2022 17:26
 Operator : CG\JU
 Sample : PB148423BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148423BSD

Manual Integrations
 APPROVED

Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

Quant Time: Oct 19 18:14:48 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 18 03:15:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.569	152	80460	20.000	ng	0.00
21) Naphthalene-d8	7.851	136	407186	20.000	ng	0.00
39) Acenaphthene-d10	9.604	164	208825	20.000	ng	0.00
64) Phenanthrene-d10	11.080	188	385921	20.000	ng	0.00
76) Chrysene-d12	13.716	240	194629	20.000	ng	0.00
86) Perylene-d12	15.086	264	145668	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.187	112	624886	139.993	ng	0.02
7) Phenol-d6	6.234	99	773089	137.754	ng	0.00
23) Nitrobenzene-d5	7.145	82	513880	68.895	ng	0.00
42) 2,4,6-Tribromophenol	10.398	330	263157	128.788	ng	0.00
45) 2-Fluorobiphenyl	8.934	172	1166673	84.627	ng	0.00
79) Terphenyl-d14	12.669	244	1361137	116.073	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.205	88	107949	39.974	ng	99
3) Pyridine	2.875	79	217236	44.971	ng	99
4) n-Nitrosodimethylamine	2.828	42	125129	54.978	ng	96
6) Aniline	6.240	93	264234	39.327	ng	# 84
8) 2-Chlorophenol	6.363	128	253328	48.259	ng	95
9) Benzaldehyde	6.122	77	136370	38.676	ng	99
10) Phenol	6.245	94	298887	46.028	ng	83
11) bis(2-Chloroethyl)ether	6.316	93	219122	46.455	ng	98
12) 1,3-Dichlorobenzene	6.504	146	261704	45.533	ng	99
13) 1,4-Dichlorobenzene	6.587	146	269511	46.222	ng	98
14) 1,2-Dichlorobenzene	6.740	146	255006	46.959	ng	98
15) Benzyl Alcohol	6.734	79	193226	47.956	ng	98
16) 2,2'-oxybis(1-Chloropr...	6.857	45	266951	43.990	ng	# 45
17) 2-Methylphenol	6.851	107	200109	47.923	ng	94
18) Hexachloroethane	7.075	117	103213	46.791	ng	98
19) n-Nitroso-di-n-propyla...	6.998	70	170769	47.163	ng	99
20) 3+4-Methylphenols	7.010	107	265543	47.458	ng	# 79
22) Acetophenone	6.992	105	359836	36.839	ng	94
24) Nitrobenzene	7.163	77	269742	35.960	ng	99
25) Isophorone	7.404	82	559189	45.044	ng	100
26) 2-Nitrophenol	7.481	139	175459	47.698	ng	98
27) 2,4-Dimethylphenol	7.528	122	244104	47.611	ng	99
28) bis(2-Chloroethoxy)met...	7.616	93	356064	49.535	ng	99
29) 2,4-Dichlorophenol	7.728	162	251442	43.834	ng	98
30) 1,2,4-Trichlorobenzene	7.798	180	245125	39.638	ng	100
31) Naphthalene	7.875	128	904693	42.922	ng	100
32) Benzoic acid	7.698	122	132382	40.814	ng	98
33) 4-Chloroaniline	7.939	127	267311	32.739	ng	95
34) Hexachlorobutadiene	7.987	225	155745	40.577	ng	98
35) Caprolactam	8.328	113	85632m	49.616	ng	
36) 4-Chloro-3-methylphenol	8.439	107	271488	43.633	ng	96
37) 2-Methylnaphthalene	8.563	142	593142	44.717	ng	99
38) 1-Methylnaphthalene	8.663	142	539497	41.897	ng	100
40) 1,2,4,5-Tetrachloroben...	8.734	216	271900	47.991	ng	99
41) Hexachlorocyclopentadiene	8.716	237	134346	64.277	ng	98
43) 2,4,6-Trichlorophenol	8.857	196	161635	42.489	ng	100

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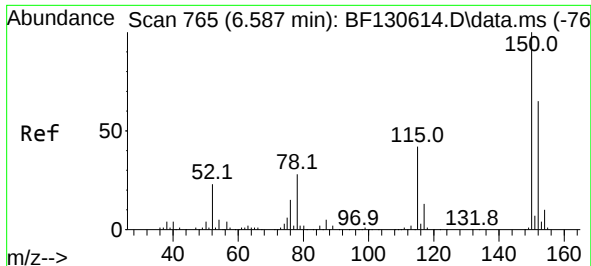
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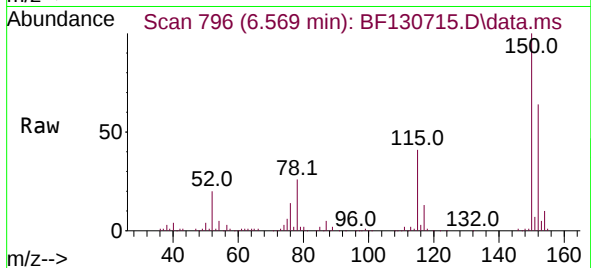
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	8.904	196	185301	44.293	ng	97
46) 1,1'-Biphenyl	9.034	154	668589	44.178	ng	100
47) 2-Chloronaphthalene	9.051	162	565041	45.683	ng	98
48) 2-Nitroaniline	9.163	65	183497	49.283	ng	91
49) Acenaphthylene	9.463	152	833869	44.994	ng	99
50) Dimethylphthalate	9.345	163	699815	48.412	ng	98
51) 2,6-Dinitrotoluene	9.410	165	151719	47.847	ng	91
52) Acenaphthene	9.639	154	527663	46.994	ng	100
53) 3-Nitroaniline	9.581	138	113931	32.778	ng	97
54) 2,4-Dinitrophenol	9.698	184	142779	87.844	ng	96
55) Dibenzofuran	9.810	168	802405	46.910	ng	100
56) 4-Nitrophenol	9.769	139	121600	63.450	ng	94
57) 2,4-Dinitrotoluene	9.816	165	204462	50.171	ng	# 80
58) Fluorene	10.151	166	602116	42.816	ng	99
59) 2,3,4,6-Tetrachlorophenol	9.939	232	143314	42.969	ng	96
60) Diethylphthalate	10.039	149	658516	45.658	ng	98
61) 4-Chlorophenyl-phenyle...	10.145	204	269988	42.466	ng	96
62) 4-Nitroaniline	10.198	138	150783	45.436	ng	98
63) Azobenzene	10.304	77	501222	36.897	ng	98
65) 4,6-Dinitro-2-methylph...	10.228	198	103947	43.101	ng	97
66) n-Nitrosodiphenylamine	10.269	169	540566	42.109	ng	98
67) 4-Bromophenyl-phenylether	10.633	248	186157	42.632	ng	95
68) Hexachlorobenzene	10.692	284	211159	42.778	ng	99
69) Atrazine	10.804	200	191590	54.808	ng	99
70) Pentachlorophenol	10.904	266	126920	66.064	ng	97
71) Phenanthrene	11.110	178	874059	40.879	ng	99
72) Anthracene	11.163	178	914325	43.785	ng	100
73) Carbazole	11.322	167	712951	38.262	ng	99
74) Di-n-butylphthalate	11.651	149	845387	37.454	ng	100
75) Fluoranthene	12.292	202	943016	45.890	ng	98
77) Benzidine	12.427	184	310908	63.199	ng	98
78) Pyrene	12.522	202	914680	54.475	ng	100
80) Butylbenzylphthalate	13.139	149	362237	56.104	ng	93
81) Benzo(a)anthracene	13.704	228	581278	44.324	ng	99
82) 3,3'-Dichlorobenzidine	13.674	252	159546	42.100	ng	# 99
83) Chrysene	13.745	228	537091	43.195	ng	100
84) Bis(2-ethylhexyl)phtha...	13.698	149	354781	45.325	ng	99
85) Di-n-octyl phthalate	14.310	149	481641	40.178	ng	98
87) Indeno(1,2,3-cd)pyrene	16.380	276	519688	47.666	ng	99
88) Benzo(b)fluoranthene	14.710	252	501349	54.353	ng	99
89) Benzo(k)fluoranthene	14.739	252	410385	43.695	ng	99
90) Benzo(a)pyrene	15.033	252	397114	51.728	ng	100
91) Dibenzo(a,h)anthracene	16.392	278	452883	50.676	ng	99
92) Benzo(g,h,i)perylene	16.768	276	458125	55.039	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.569 min Scan# 79
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

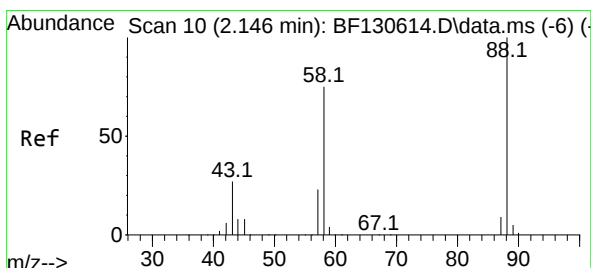
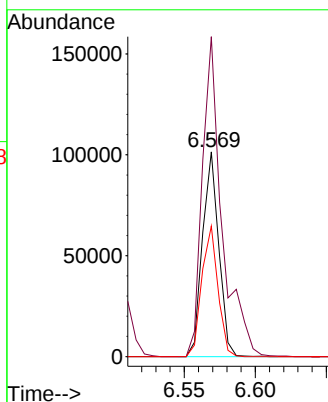
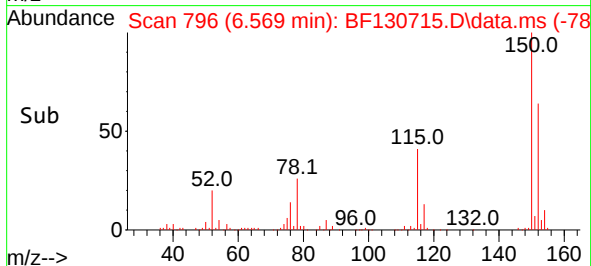
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



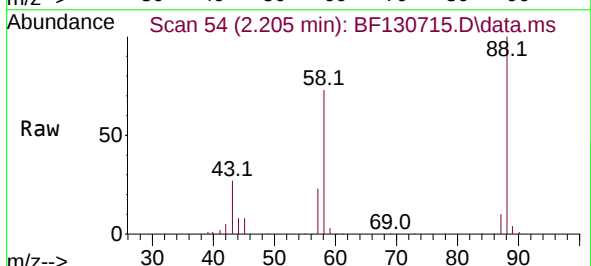
Tgt Ion:152 Resp: 80460
Ion Ratio Lower Upper
152 100
150 156.4 123.8 185.6
115 63.7 52.2 78.4

Manual Integrations
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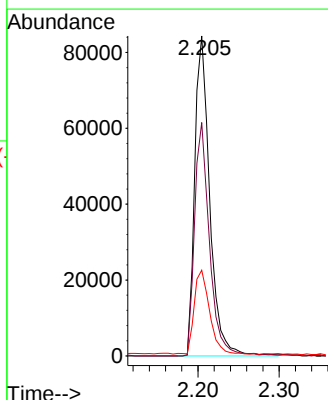
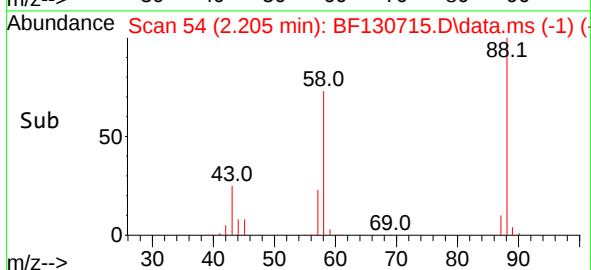
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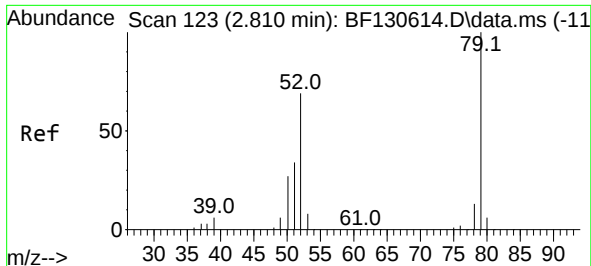


#2
1,4-Dioxane
Concen: 39.974 ng
RT: 2.205 min Scan# 54
Delta R.T. 0.071 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



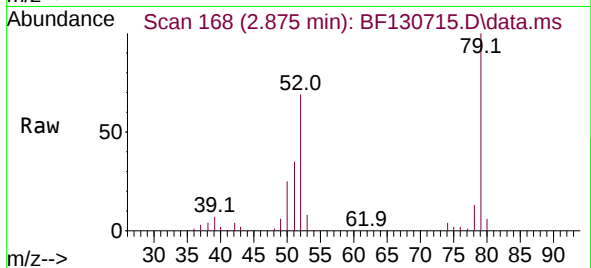
Tgt Ion: 88 Resp: 107949
Ion Ratio Lower Upper
88 100
58 72.6 58.8 88.2
43 26.6 22.2 33.4





#3
Pyridine
Concen: 44.971 ng
RT: 2.875 min Scan# 10
Delta R.T. 0.088 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

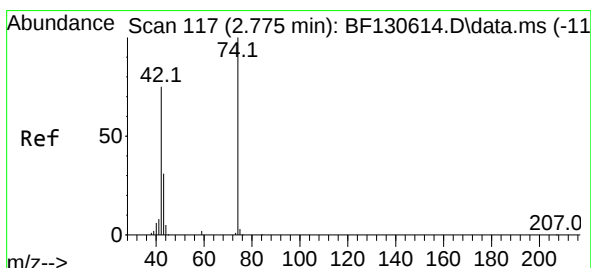
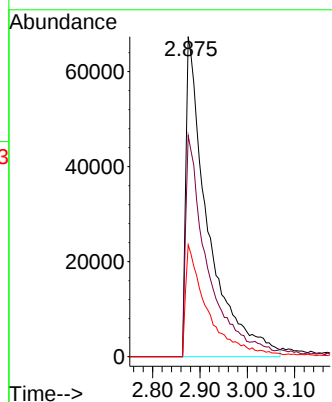
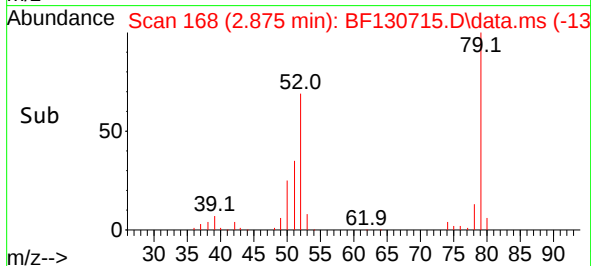
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



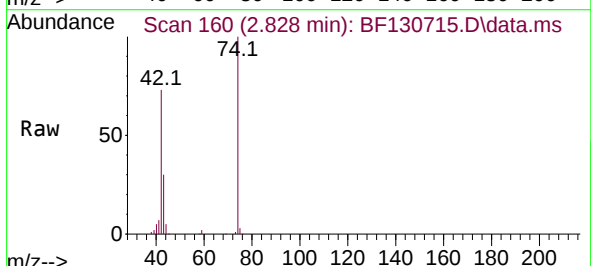
Tgt Ion: 79 Resp: 217236
Ion Ratio Lower Upper
79 100
52 69.1 54.8 82.2
51 34.9 27.4 41.2

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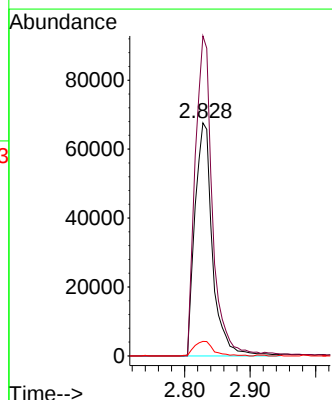
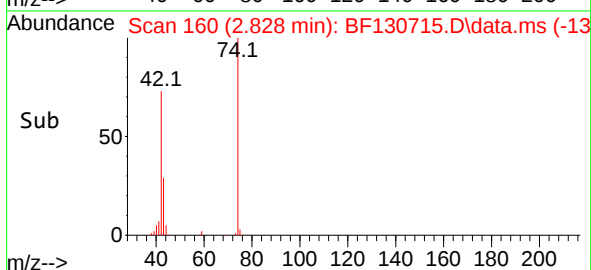
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

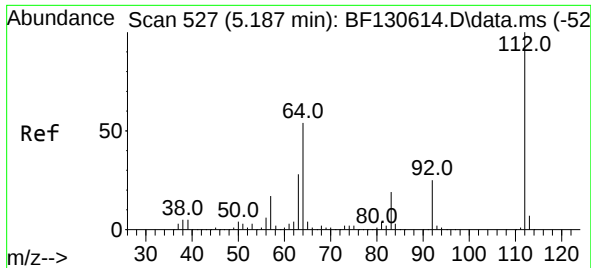


#4
n-Nitrosodimethylamine
Concen: 54.978 ng
RT: 2.828 min Scan# 160
Delta R.T. 0.071 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



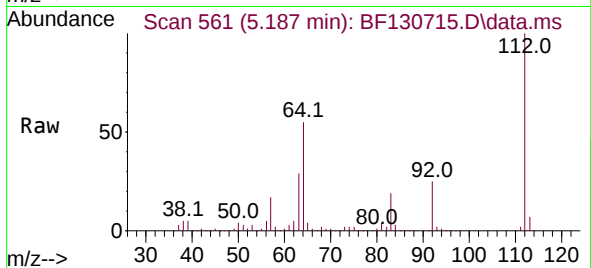
Tgt Ion: 42 Resp: 125129
Ion Ratio Lower Upper
42 100
74 137.3 106.2 159.2
44 6.3 5.0 7.4





#5
2-Fluorophenol
Concen: 139.993 ng
RT: 5.187 min Scan# 50
Delta R.T. 0.018 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

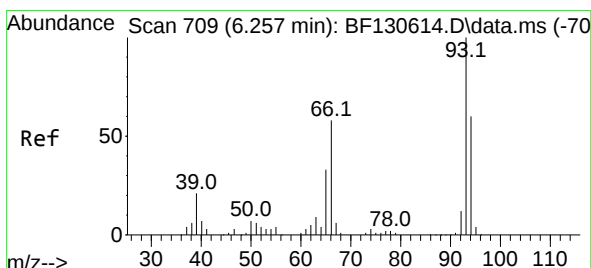
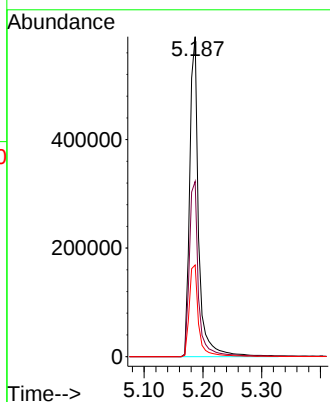
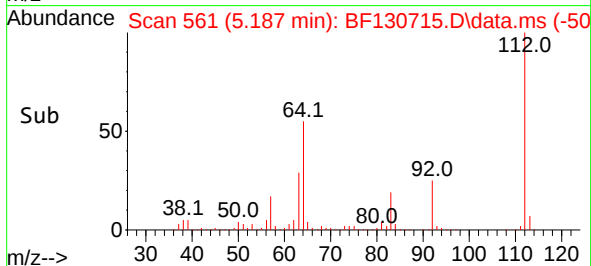
Instrument :
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Tgt Ion:112 Resp: 624886
Ion Ratio Lower Upper
112 100
64 54.7 43.5 65.3
63 28.6 22.6 34.0

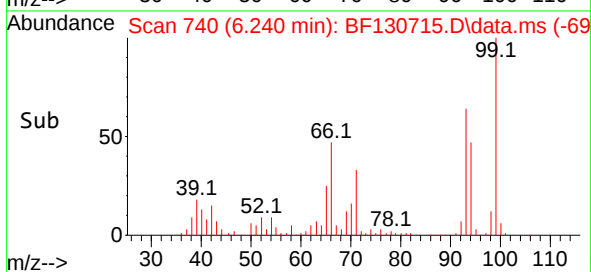
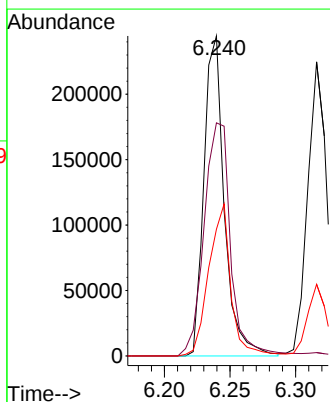
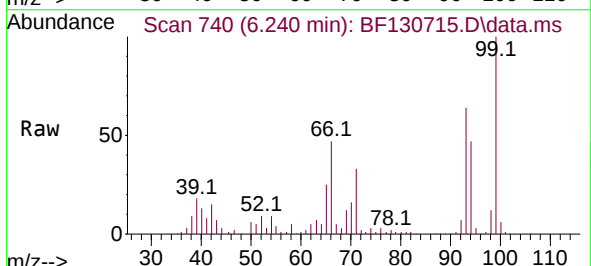
Manual Integrations
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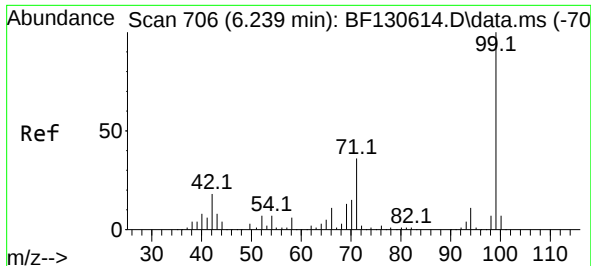
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#6
Aniline
Concen: 39.327 ng
RT: 6.240 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

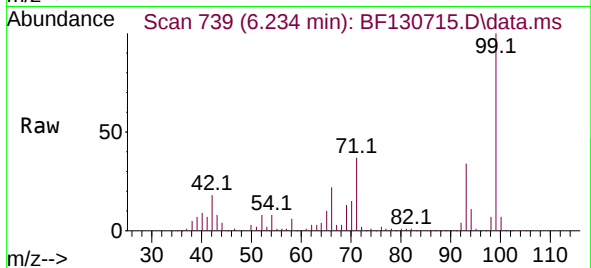
Tgt Ion: 93 Resp: 264234
Ion Ratio Lower Upper
93 100
66 72.8 47.4 71.0#
65 39.6 26.6 40.0





#7
Phenol-d6
Concen: 137.754 ng
RT: 6.234 min Scan# 711
Delta R.T. 0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

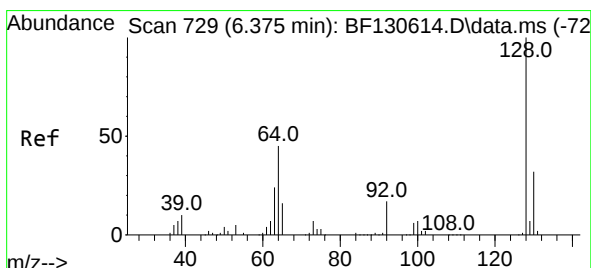
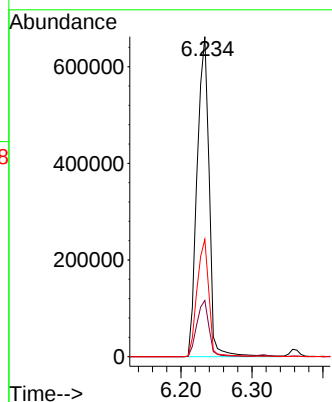
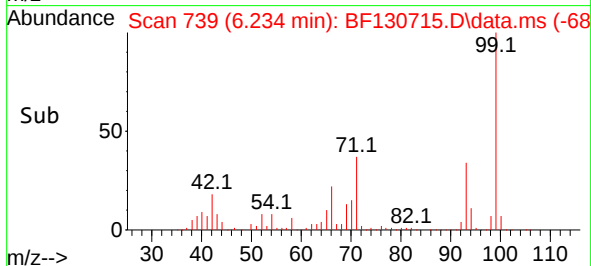
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 773089
Ion Ratio Lower Upper
99 100
42 17.5 14.0 21.0
71 36.6 28.8 43.2

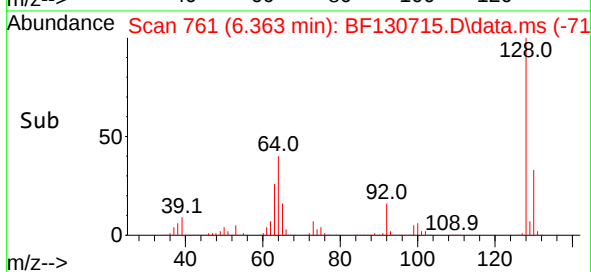
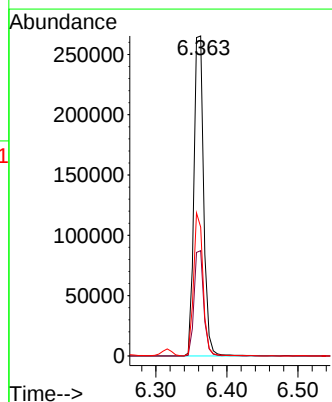
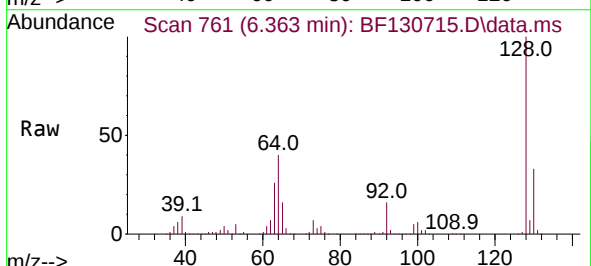
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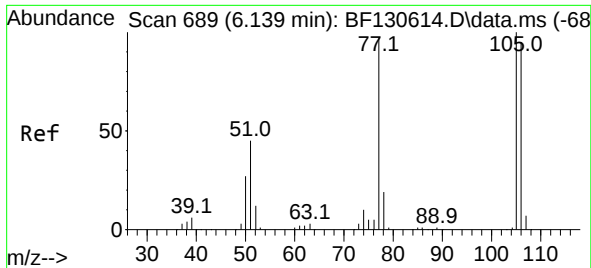
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#8
2-Chlorophenol
Concen: 48.259 ng
RT: 6.363 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:128 Resp: 253328
Ion Ratio Lower Upper
128 100
130 32.9 12.4 52.4
64 40.2 25.9 65.9





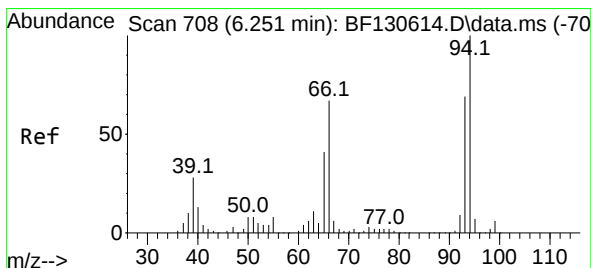
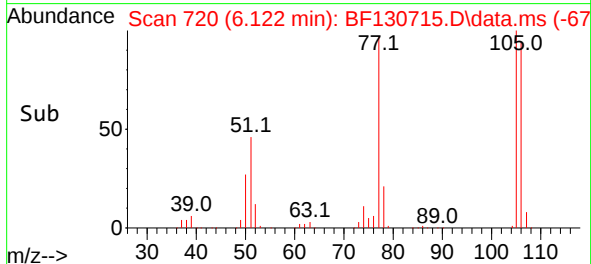
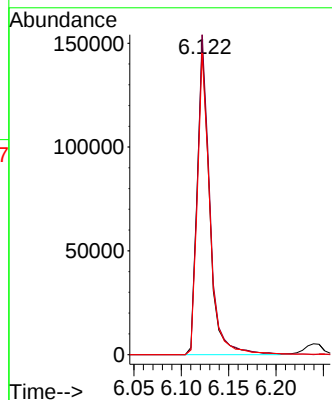
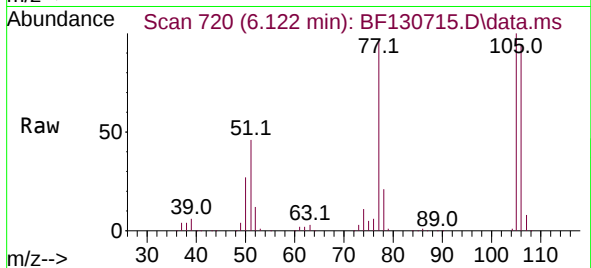
#9
Benzaldehyde
Concen: 38.676 ng
RT: 6.122 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion: 77 Resp: 136370
Ion Ratio Lower Upper
77 100
105 102.7 83.0 123.0
106 96.8 77.8 117.8

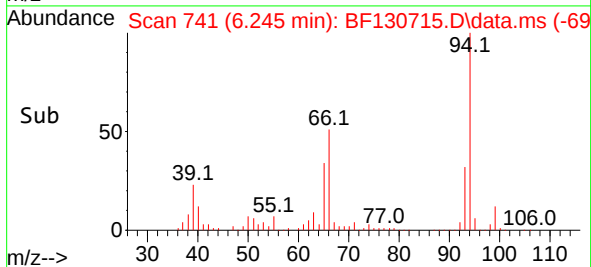
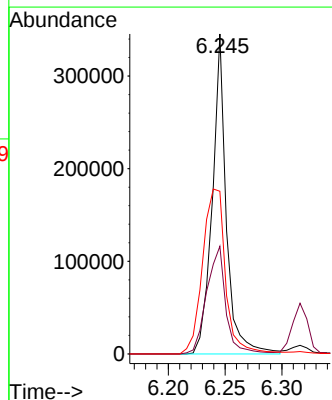
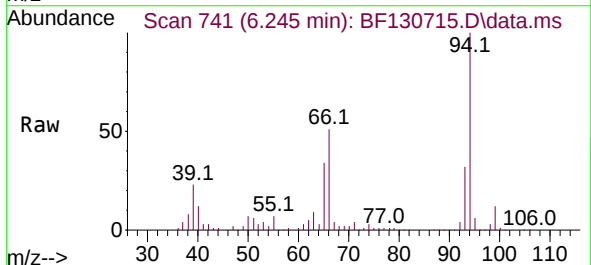
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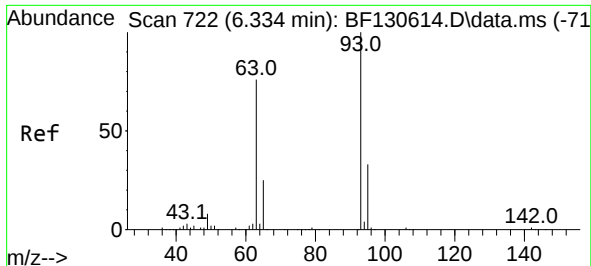
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#10
Phenol
Concen: 46.028 ng
RT: 6.245 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion: 94 Resp: 298887
Ion Ratio Lower Upper
94 100
65 33.6 21.2 61.2
66 50.8 46.9 86.9





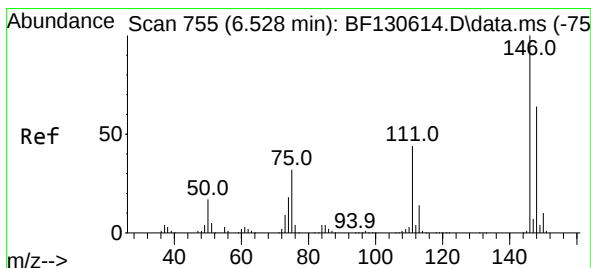
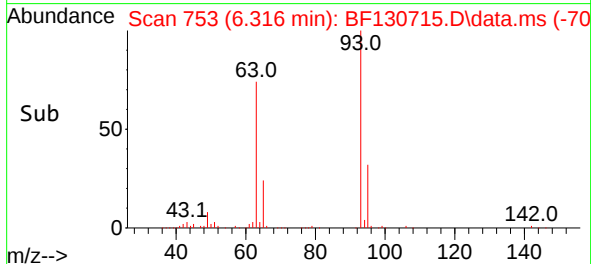
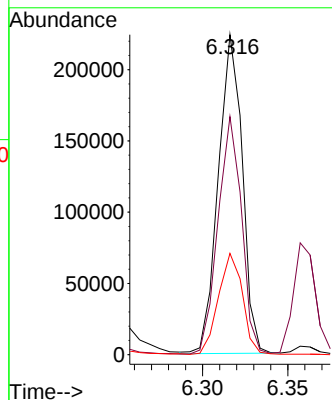
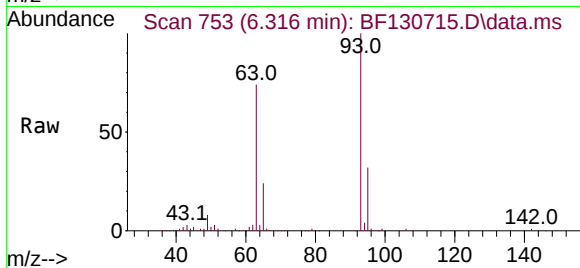
#11
bis(2-Chloroethyl)ether
Concen: 46.455 ng
RT: 6.316 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion: 93 Resp: 21912
Ion Ratio Lower Upper
93 100
63 74.4 56.1 96.1
95 31.6 12.4 52.4

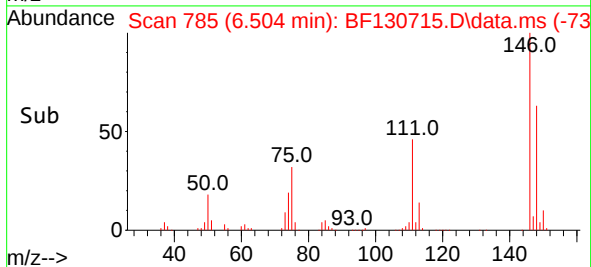
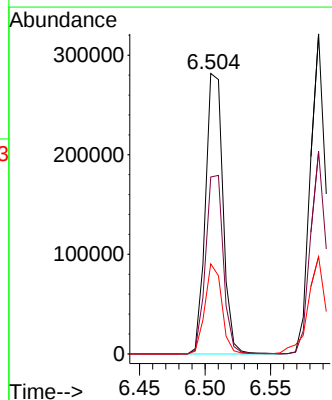
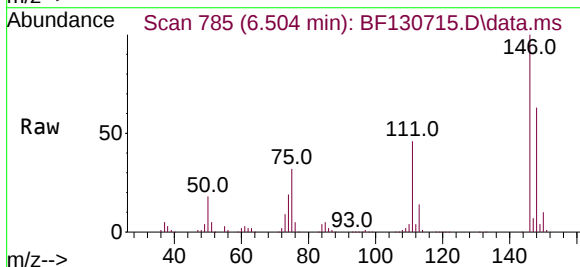
Manual Integrations
APPROVED

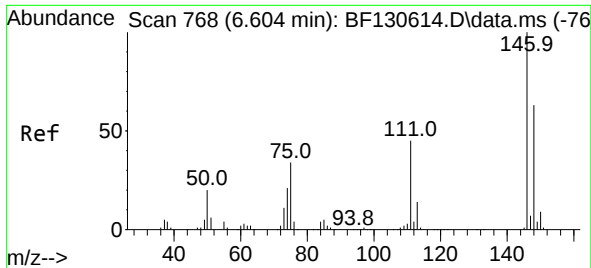
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#12
1,3-Dichlorobenzene
Concen: 45.533 ng
RT: 6.504 min Scan# 785
Delta R.T. -0.012 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

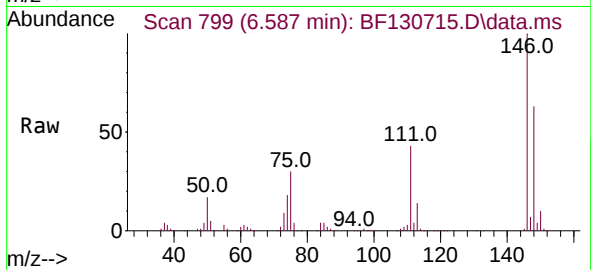
Tgt Ion:146 Resp: 261704
Ion Ratio Lower Upper
146 100
148 63.1 51.3 76.9
75 32.1 25.2 37.8





#13
1,4-Dichlorobenzene
Concen: 46.222 ng
RT: 6.587 min Scan# 799
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

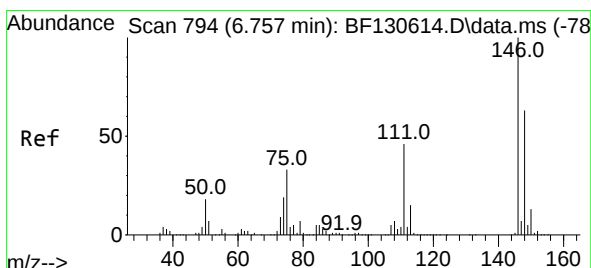
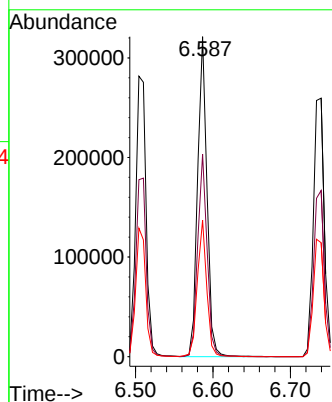
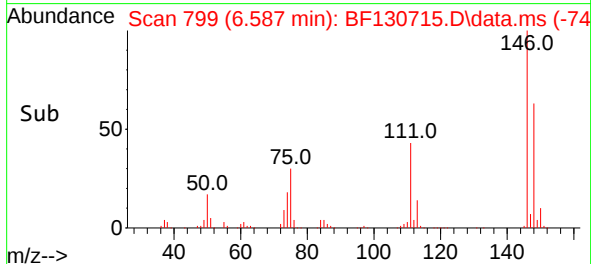
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



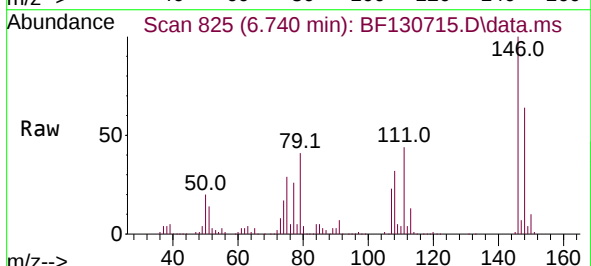
Tgt Ion:146 Resp: 26951
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 42.7 35.9 53.9

Manual Integrations
APPROVED

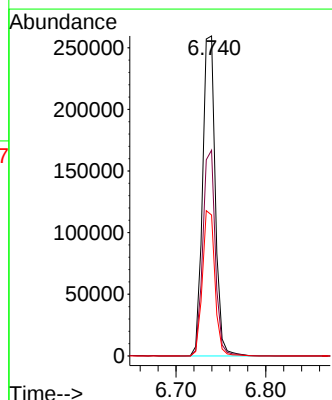
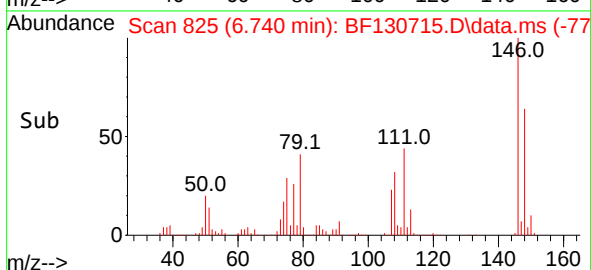
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

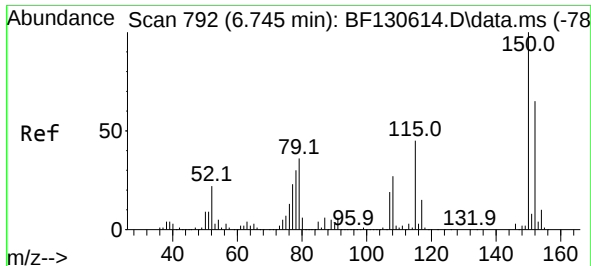


#14
1,2-Dichlorobenzene
Concen: 46.959 ng
RT: 6.740 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



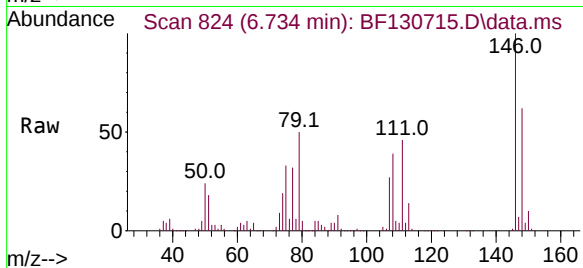
Tgt Ion:146 Resp: 255006
Ion Ratio Lower Upper
146 100
148 64.3 50.5 75.7
111 44.0 37.2 55.8





#15
Benzyl Alcohol
Concen: 47.956 ng
RT: 6.734 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

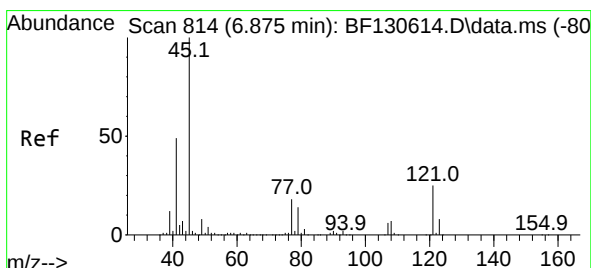
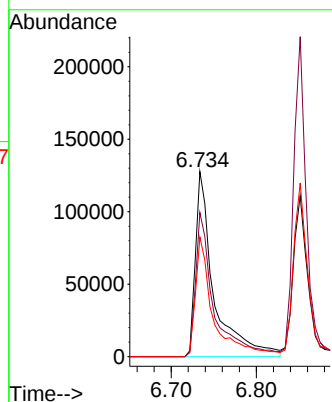
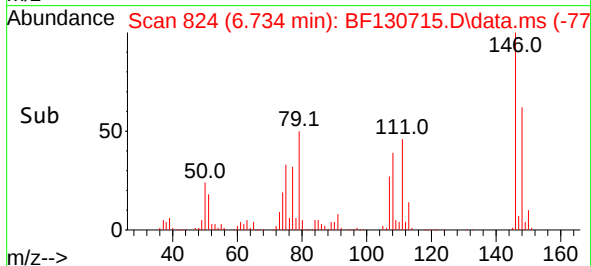
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion: 79 Resp: 193226
Ion Ratio Lower Upper
79 100
108 77.8 59.7 89.5
77 64.6 51.8 77.6

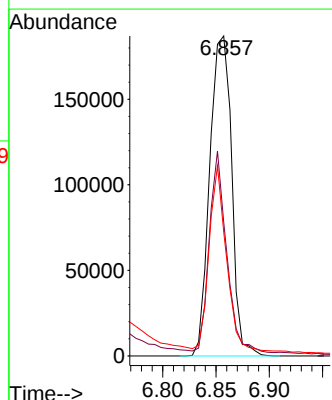
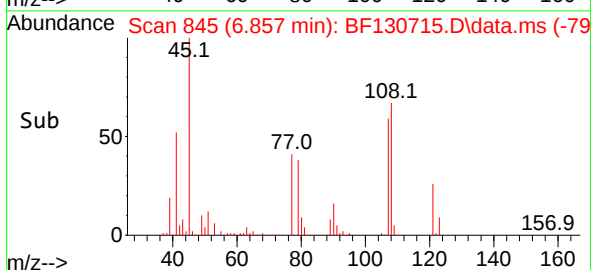
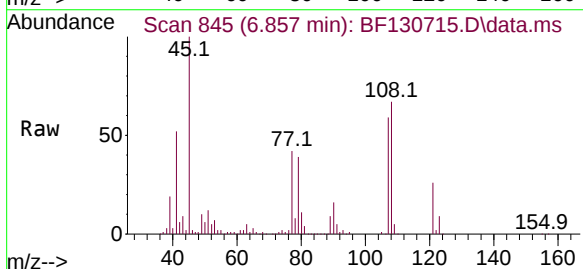
Manual Integrations
APPROVED

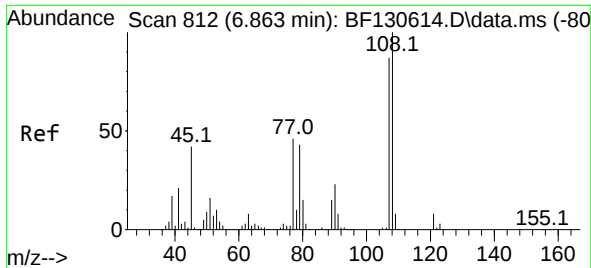
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.990 ng
RT: 6.857 min Scan# 845
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

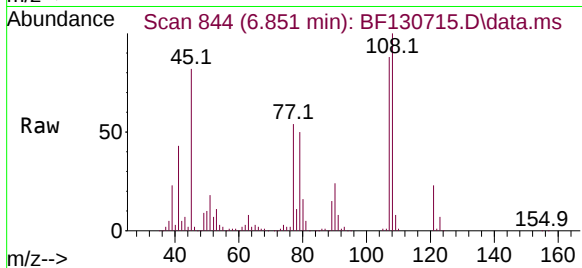
Tgt Ion: 45 Resp: 266951
Ion Ratio Lower Upper
45 100
77 41.8 0.0 38.7#
79 38.7 0.0 34.6#





#17
2-Methylphenol
Concen: 47.923 ng
RT: 6.851 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

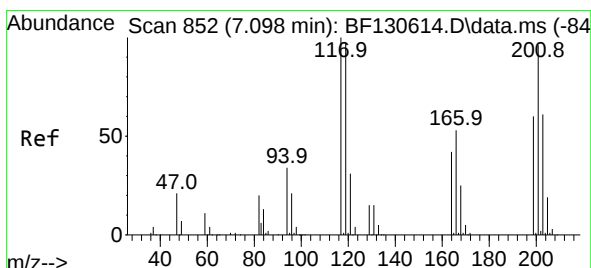
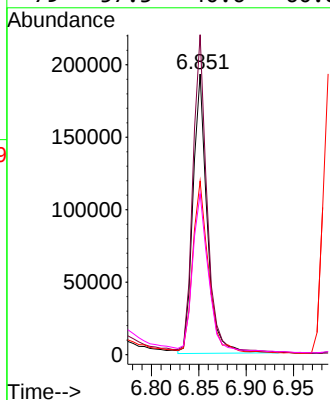
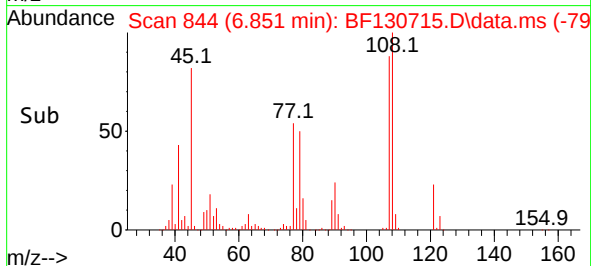
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:107 Resp: 200109
Ion Ratio Lower Upper
107 100
108 114.0 92.2 138.2
77 61.8 42.7 64.1
79 57.3 40.6 60.8

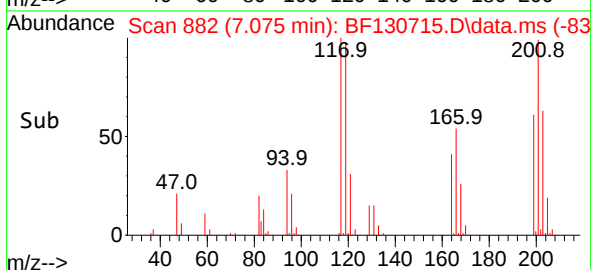
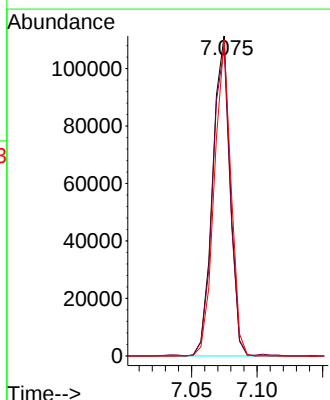
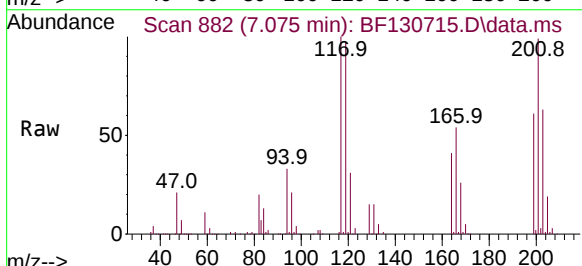
Manual Integrations
APPROVED

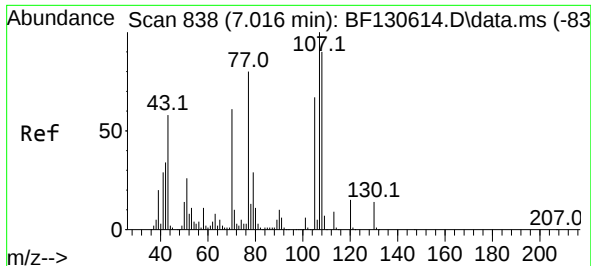
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#18
Hexachloroethane
Concen: 46.791 ng
RT: 7.075 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:117 Resp: 103213
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4
201 98.8 77.0 115.6





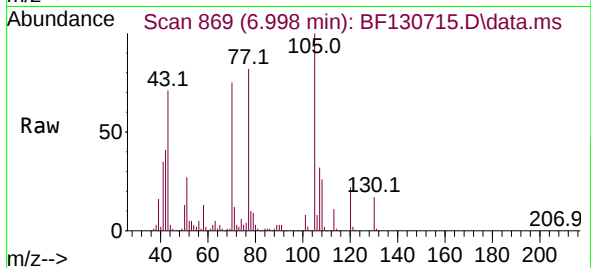
#19
n-Nitroso-di-n-propylamine
Concen: 47.163 ng
RT: 6.998 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

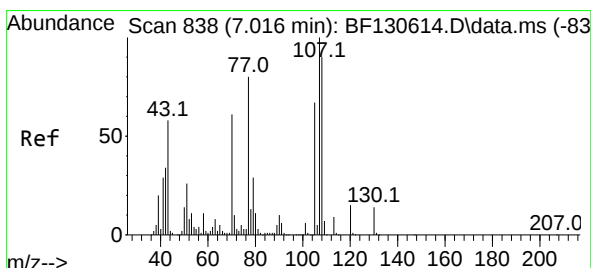
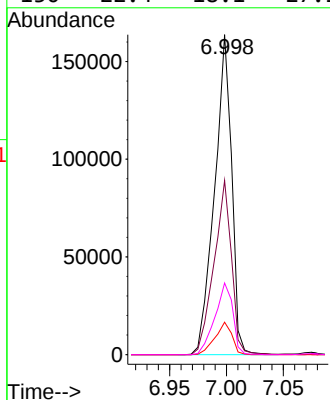
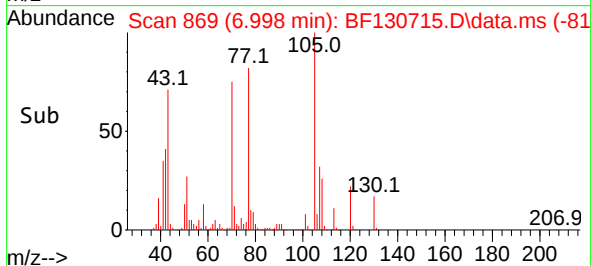
PB148423BSD



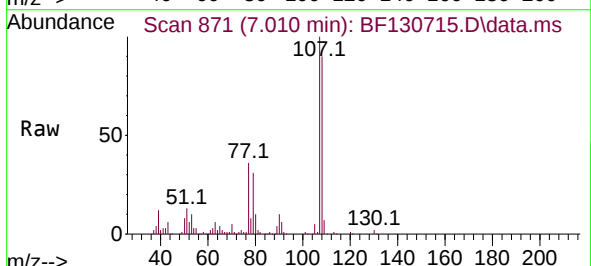
Tgt Ion: 70 Resp: 170769
Ion Ratio Lower Upper
70 100
42 54.4 44.3 66.5
101 10.1 7.9 11.9
130 22.4 18.1 27.1

Manual Integrations
APPROVED

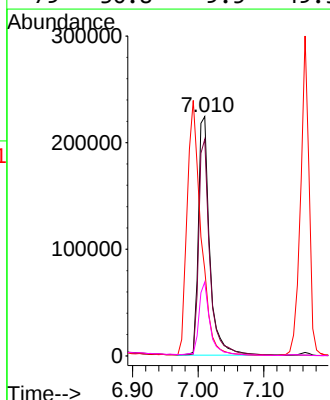
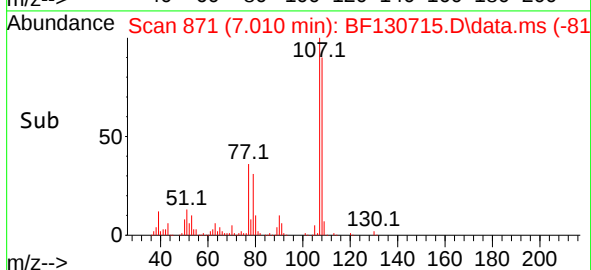
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

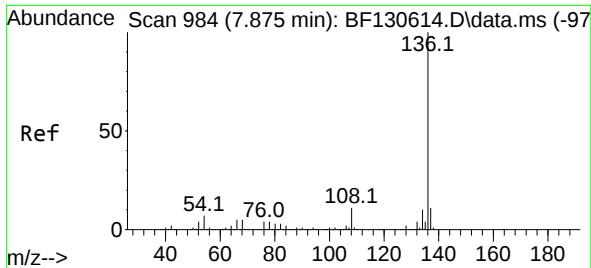


#20
3+4-Methylphenols
Concen: 47.458 ng
RT: 7.010 min Scan# 871
Delta R.T. 0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



Tgt Ion:107 Resp: 265543
Ion Ratio Lower Upper
107 100
108 90.5 69.7 109.7
77 36.0 59.7 99.7#
79 30.8 9.5 49.5





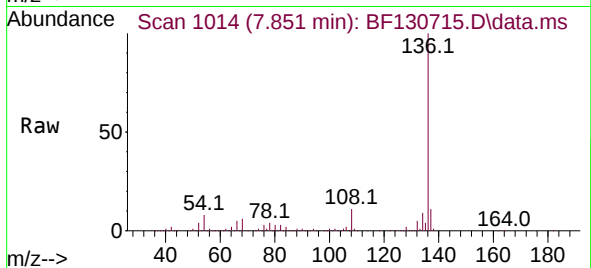
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.851 min Scan# 1014
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

PB148423BSD

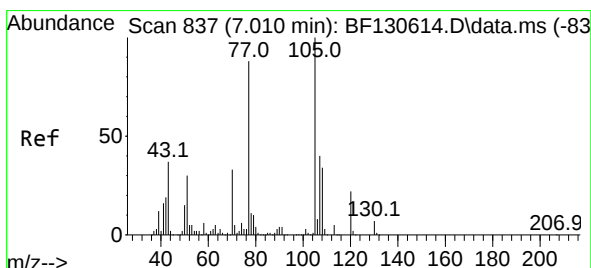
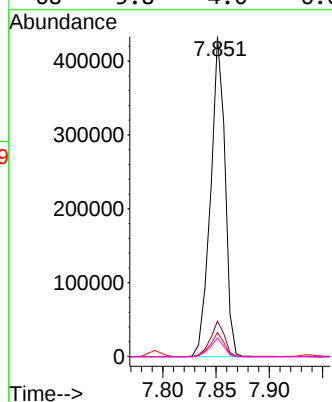
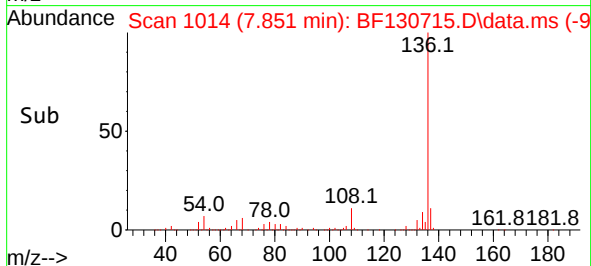


Tgt Ion:136 Resp: 407186
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 7.5 5.5 8.3
68 5.8 4.0 6.0

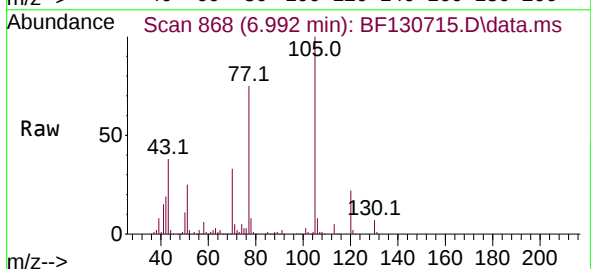
Manual Integrations

APPROVED

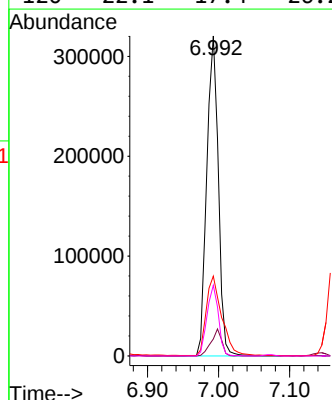
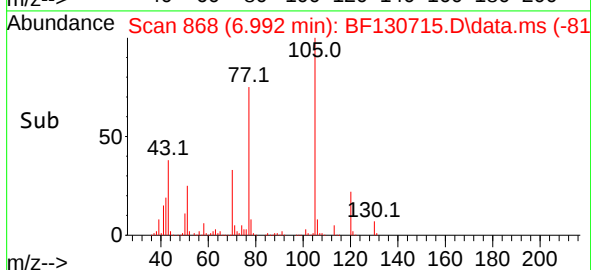
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

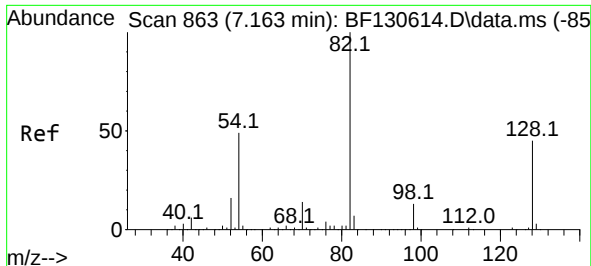


#22
Acetophenone
Concen: 36.839 ng
RT: 6.992 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



Tgt Ion:105 Resp: 359836
Ion Ratio Lower Upper
105 100
71 5.3 4.2 6.4
51 24.9 24.3 36.5
120 22.1 17.4 26.2





#23

Nitrobenzene-d5

Concen: 68.895 ng

RT: 7.145 min Scan# 894

Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

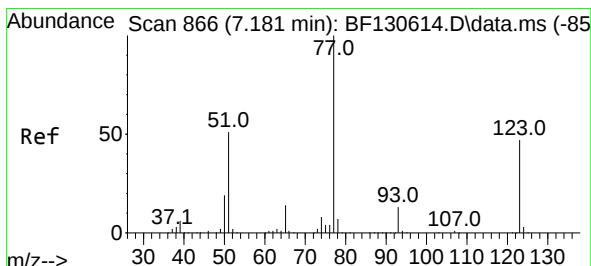
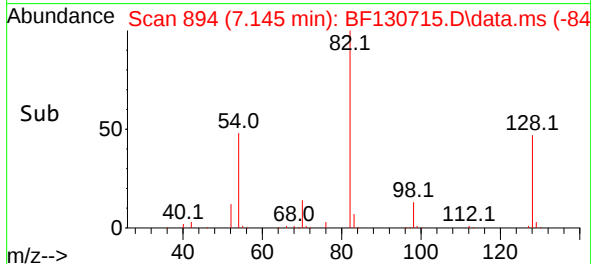
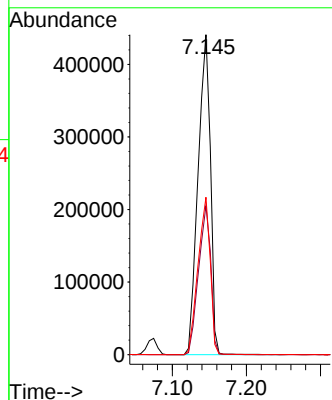
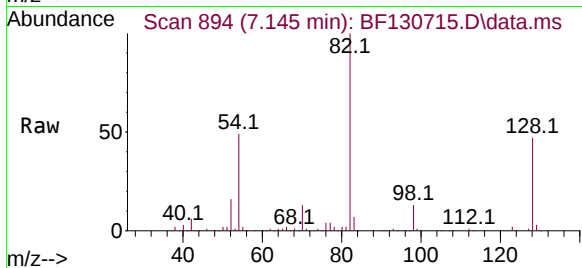
PB148423BSD

Tgt Ion: 82 Resp: 513880
 Ion Ratio Lower Upper
 82 100
 128 46.5 35.8 53.6
 54 49.2 39.3 58.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022



#24

Nitrobenzene

Concen: 35.960 ng

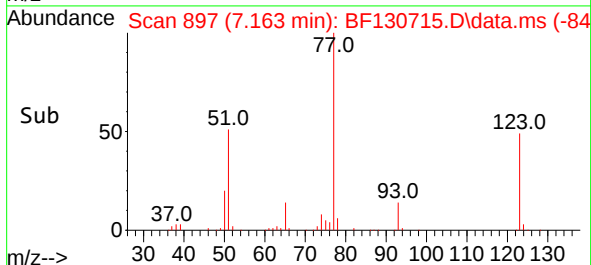
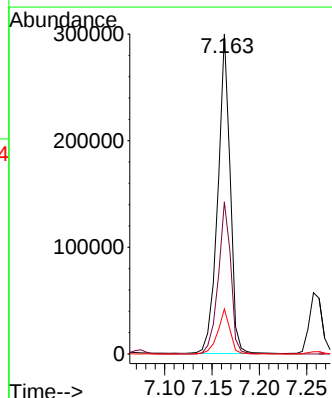
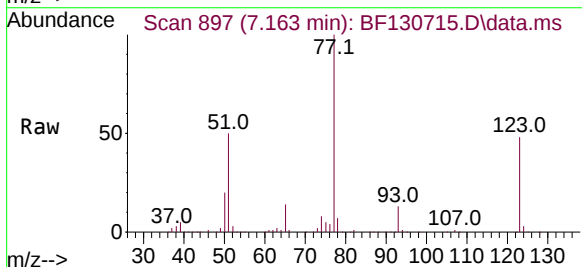
RT: 7.163 min Scan# 897

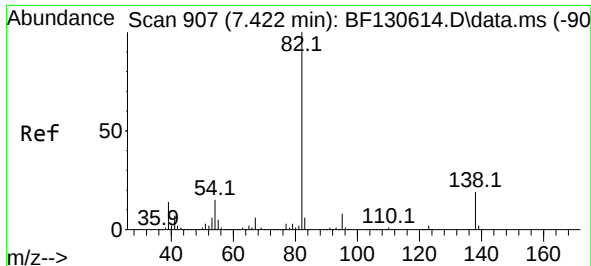
Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

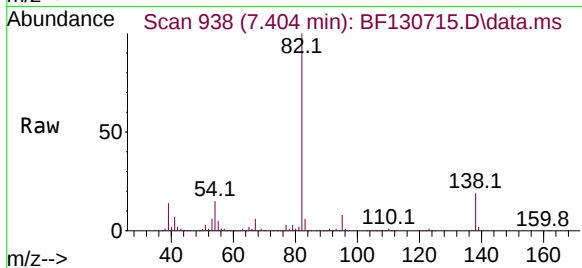
Tgt Ion: 77 Resp: 269742
 Ion Ratio Lower Upper
 77 100
 123 47.5 37.5 56.3
 65 14.0 11.0 16.4





#25
Isophorone
Concen: 45.044 ng
RT: 7.404 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

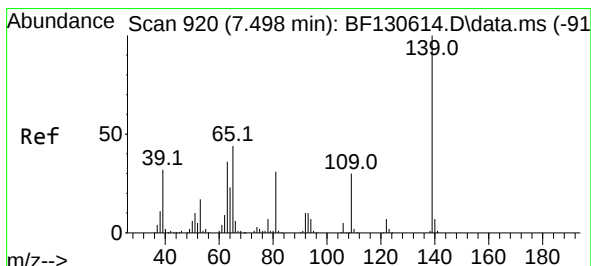
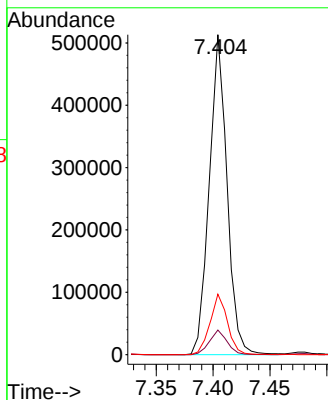
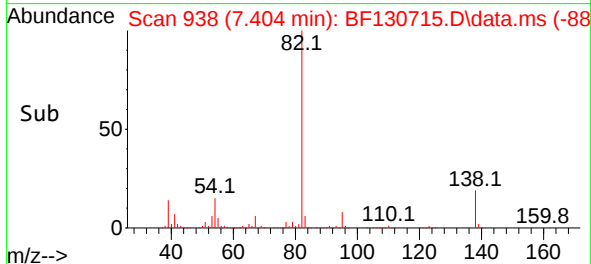
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion: 82 Resp: 559189
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 18.9 14.9 22.3

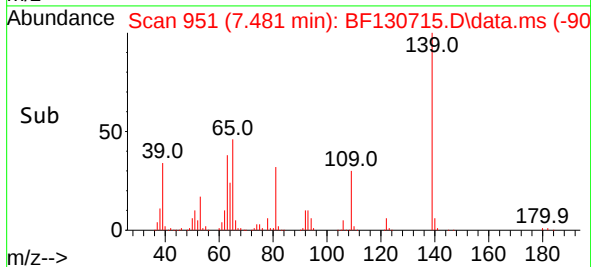
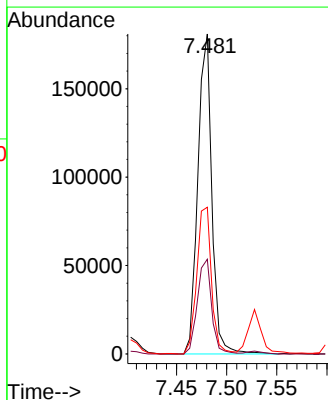
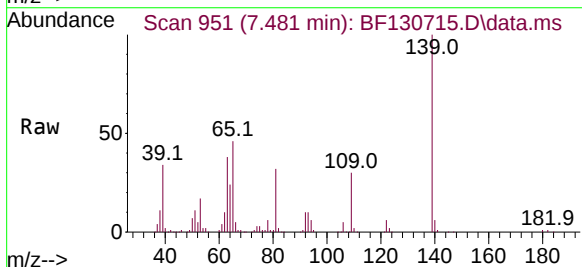
Manual Integrations
APPROVED

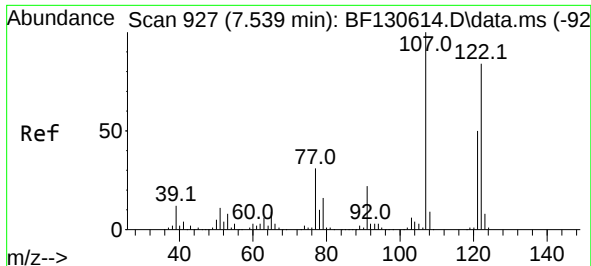
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#26
2-Nitrophenol
Concen: 47.698 ng
RT: 7.481 min Scan# 951
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:139 Resp: 175459
Ion Ratio Lower Upper
139 100
109 29.6 23.9 35.9
65 45.8 34.9 52.3





#27

2,4-Dimethylphenol

Concen: 47.611 ng

RT: 7.528 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

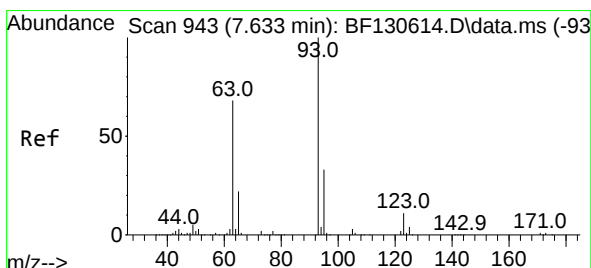
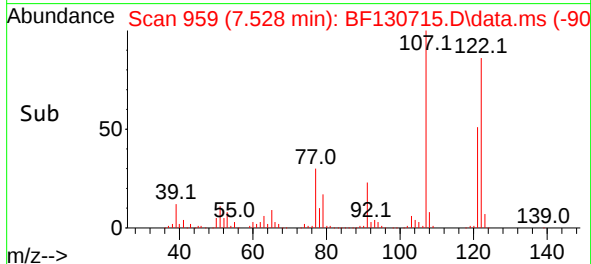
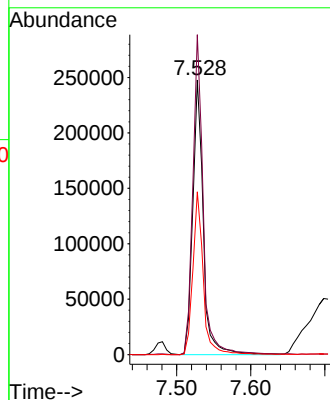
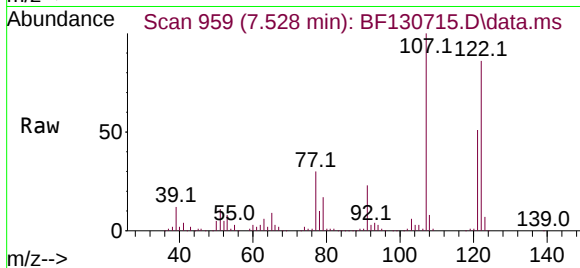
PB148423BSD

Tgt Ion:	122	Resp:	244104
Ion Ratio	Lower	Upper	
122	100		
107	116.5	94.9	142.3
121	59.3	47.1	70.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.535 ng

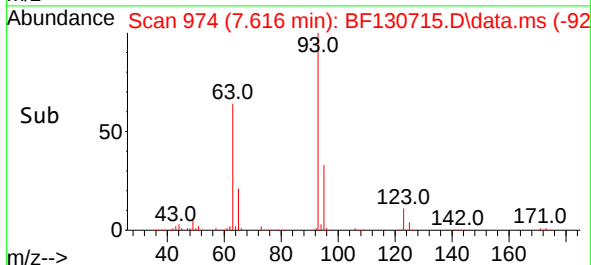
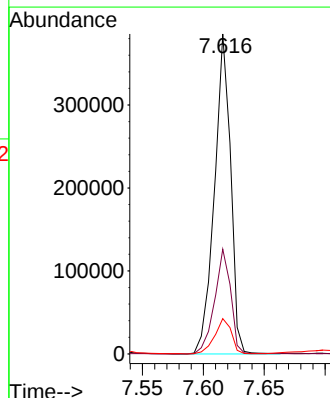
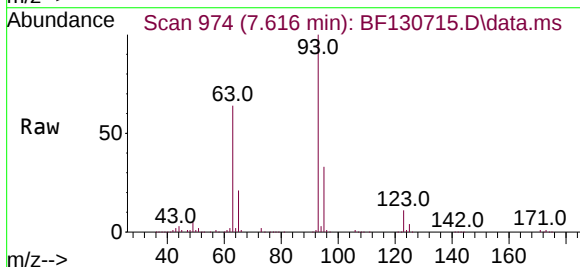
RT: 7.616 min Scan# 974

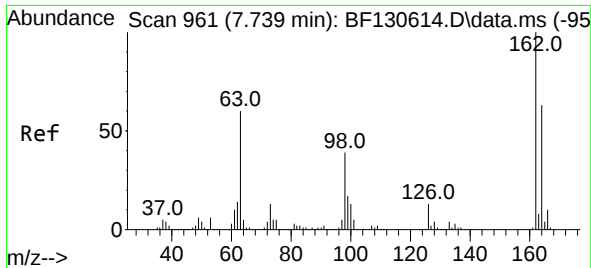
Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Tgt Ion:	93	Resp:	356064
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.4	39.6
123	11.0	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 43.834 ng

RT: 7.728 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

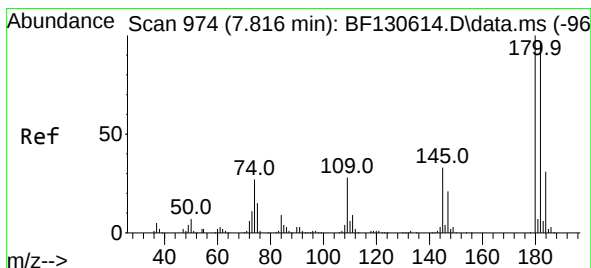
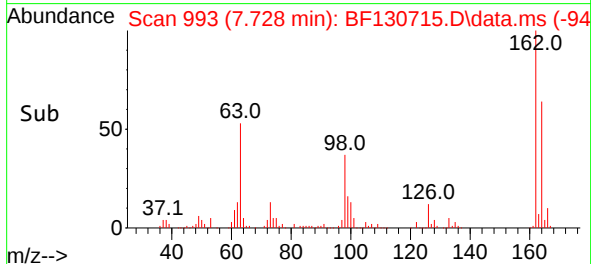
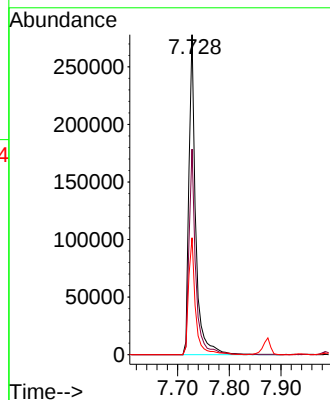
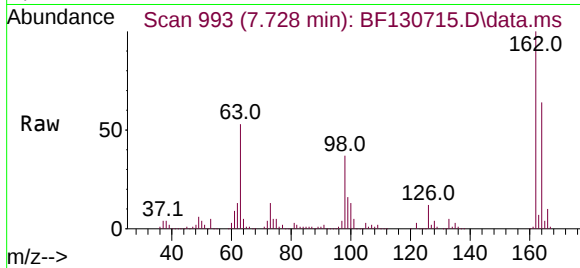
PB148423BSD

Tgt Ion:162	Resp: 251442
Ion Ratio	Lower Upper
162 100	
164 64.2	42.8 82.8
98 36.6	18.6 58.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#30

1,2,4-Trichlorobenzene

Concen: 39.638 ng

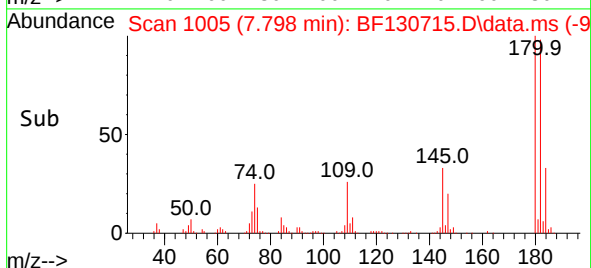
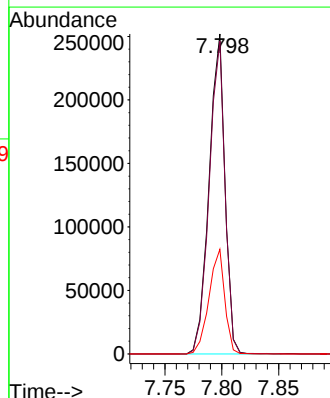
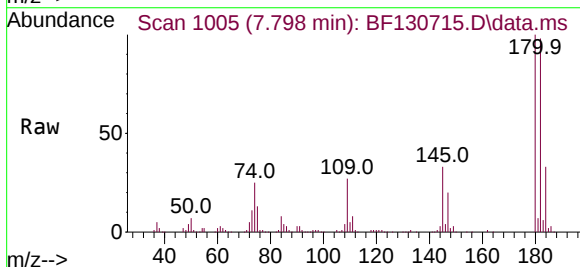
RT: 7.798 min Scan# 1005

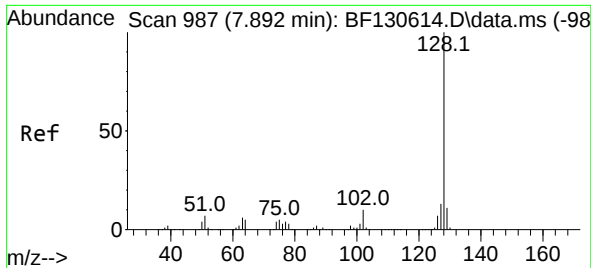
Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Tgt Ion:180	Resp: 245125
Ion Ratio	Lower Upper
180 100	
182 97.7	78.0 117.0
145 32.7	26.7 40.1





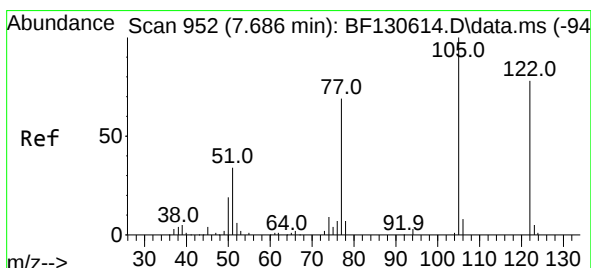
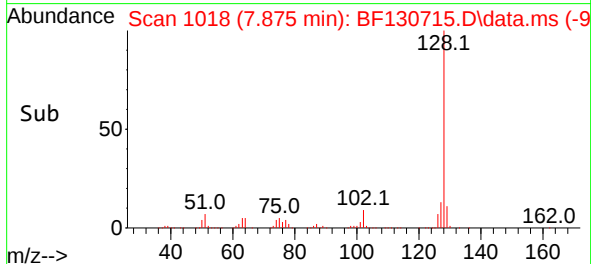
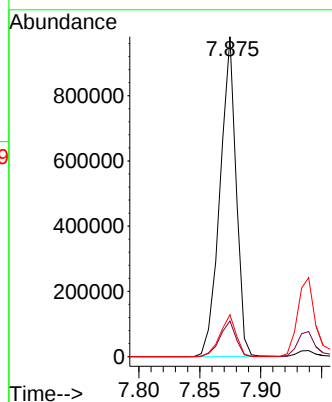
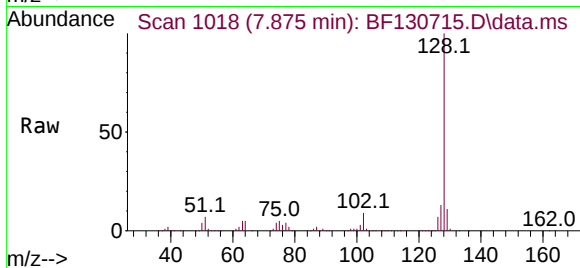
#31
Naphthalene
Concen: 42.922 ng
RT: 7.875 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion:128 Resp: 904693
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.4
127 13.1 10.3 15.5

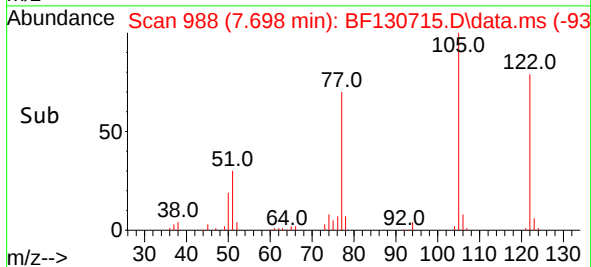
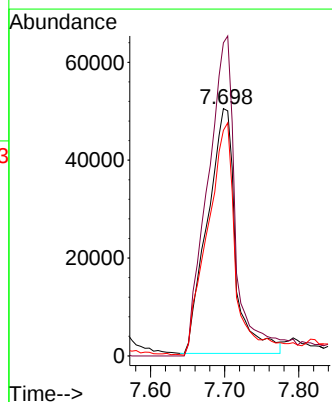
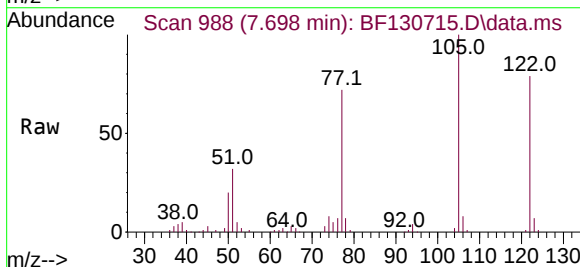
Manual Integrations
APPROVED

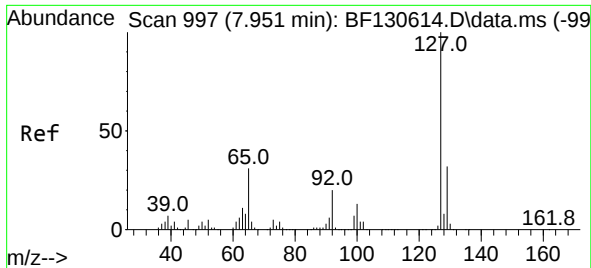
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#32
Benzoic acid
Concen: 40.814 ng
RT: 7.698 min Scan# 988
Delta R.T. 0.012 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:122 Resp: 132382
Ion Ratio Lower Upper
122 100
105 126.6 104.8 144.8
77 91.2 68.2 108.2





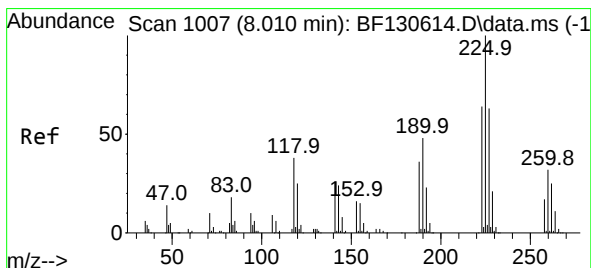
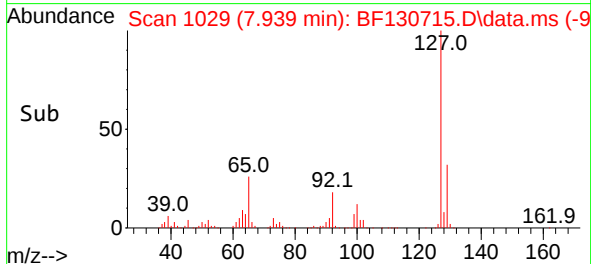
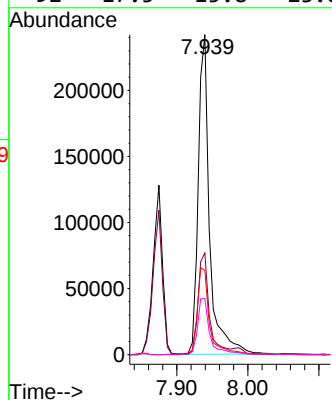
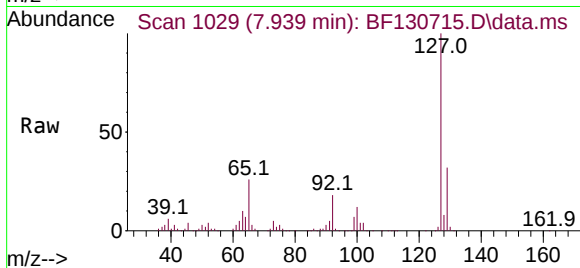
#33
4-Chloroaniline
Concen: 32.739 ng
RT: 7.939 min Scan# 1029
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion:	127	Resp:	26731
Ion Ratio	Lower	Upper	
127	100		
129	31.8	25.7	38.5
65	26.3	24.7	37.1
92	17.5	15.8	23.8

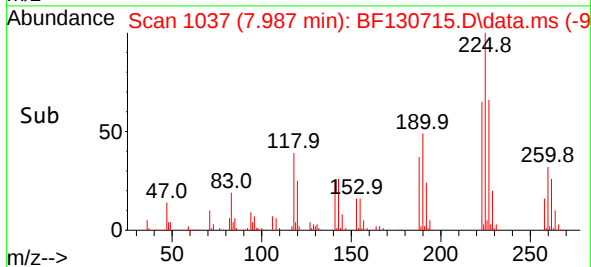
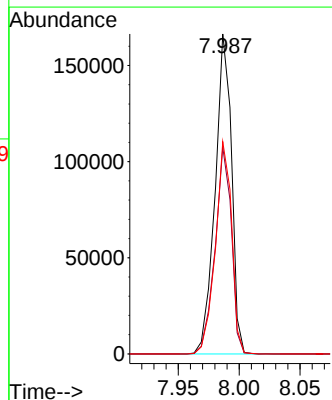
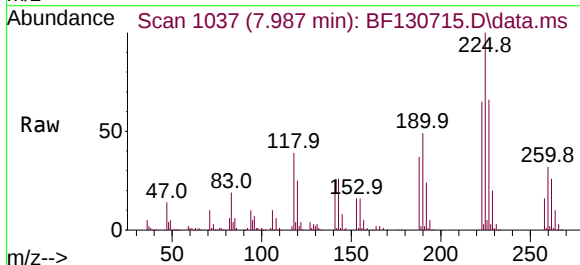
Manual Integrations
APPROVED

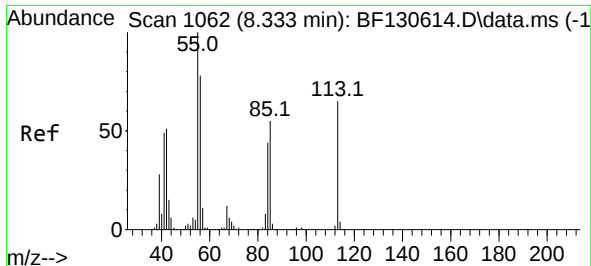
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#34
Hexachlorobutadiene
Concen: 40.577 ng
RT: 7.987 min Scan# 1037
Delta R.T. -0.012 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

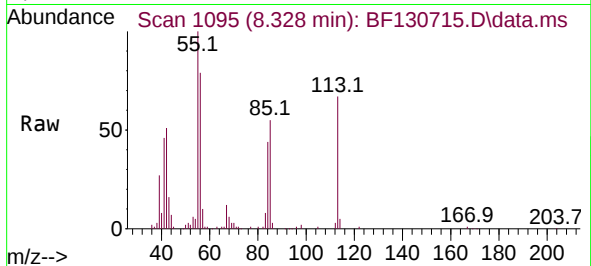
Tgt Ion:	225	Resp:	155745
Ion Ratio	Lower	Upper	
225	100		
223	64.6	51.5	77.3
227	66.3	50.4	75.6





#35
Caprolactam
Concen: 49.616 ng m
RT: 8.328 min Scan# 1062
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

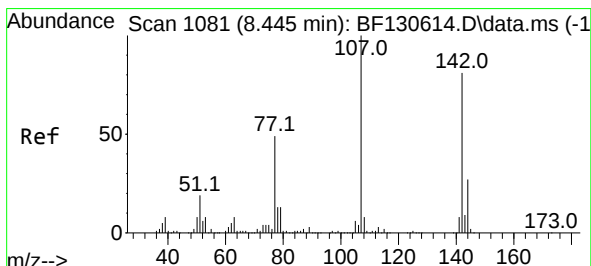
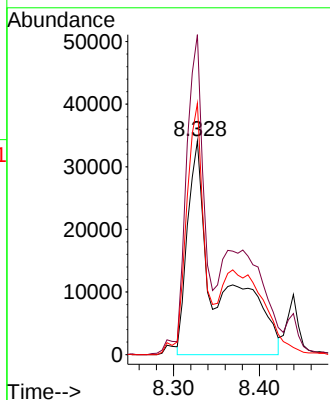
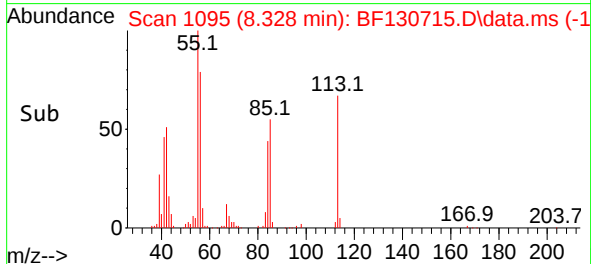
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:113 Resp: 85632
Ion Ratio Lower Upper
113 100
55 149.7 134.3 174.3
56 117.6 101.0 141.0

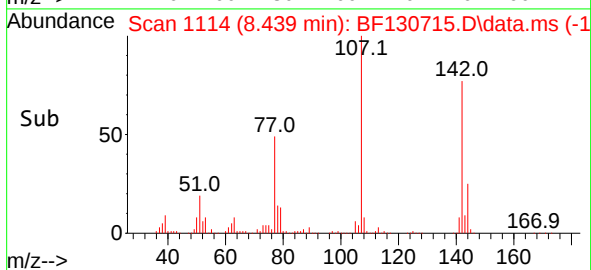
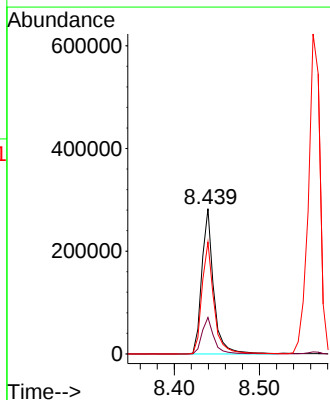
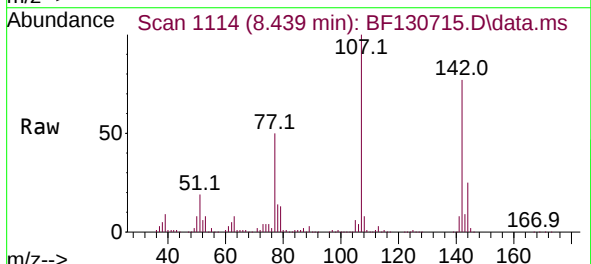
Manual Integrations
APPROVED

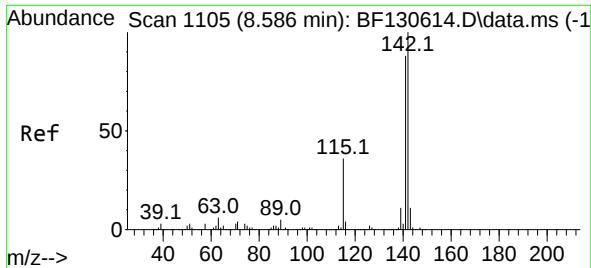
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#36
4-Chloro-3-methylphenol
Concen: 43.633 ng
RT: 8.439 min Scan# 1114
Delta R.T. 0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:107 Resp: 271488
Ion Ratio Lower Upper
107 100
144 25.1 21.9 32.9
142 77.0 64.6 96.8





#37

2-Methylnaphthalene

Concen: 44.717 ng

RT: 8.563 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

PB148423BSD

Tgt Ion:142 Resp: 59314

Ion Ratio Lower Upper

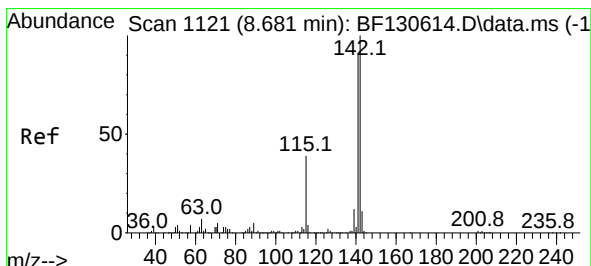
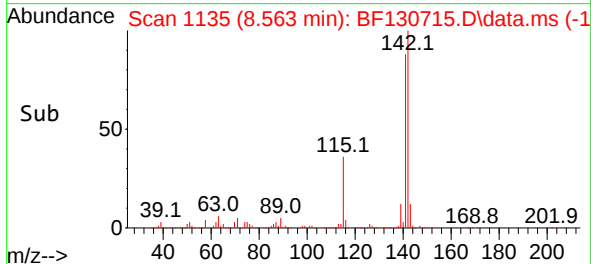
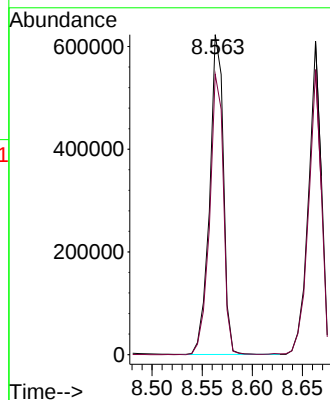
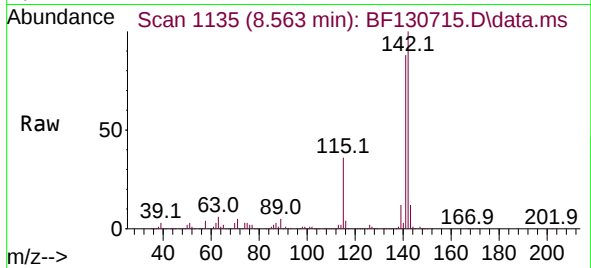
142 100

141 87.6 70.7 106.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#38

1-Methylnaphthalene

Concen: 41.897 ng

RT: 8.663 min Scan# 1152

Delta R.T. -0.006 min

Lab File: BF130715.D

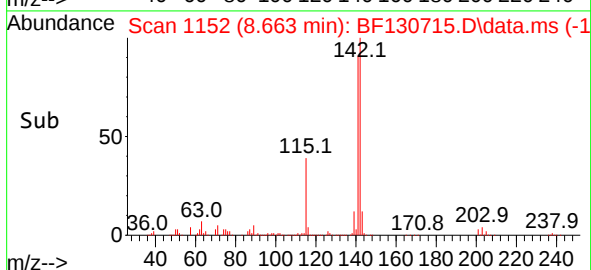
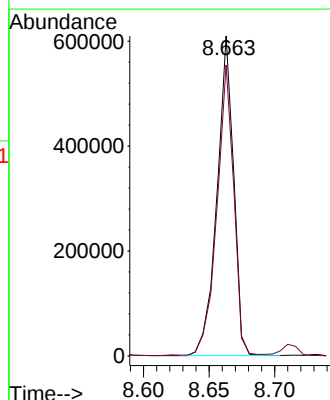
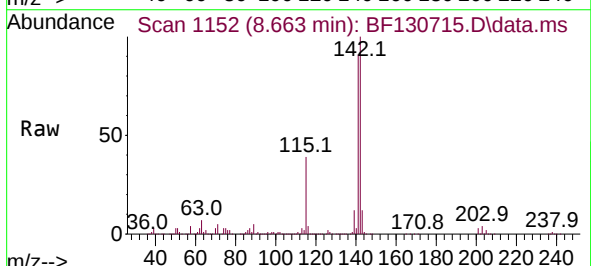
Acq: 19 Oct 2022 17:26

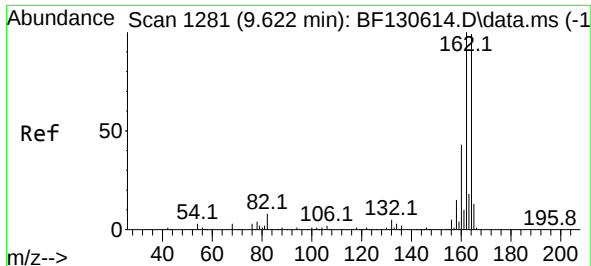
Tgt Ion:142 Resp: 539497

Ion Ratio Lower Upper

142 100

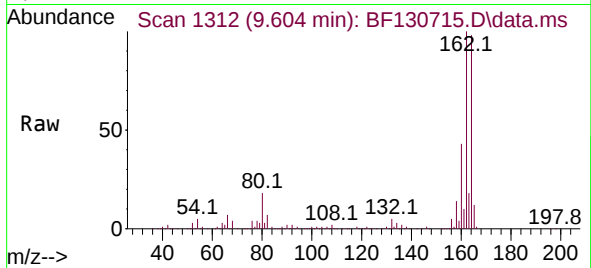
141 90.9 72.6 108.8





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.604 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

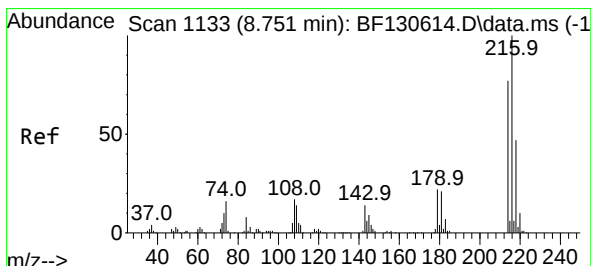
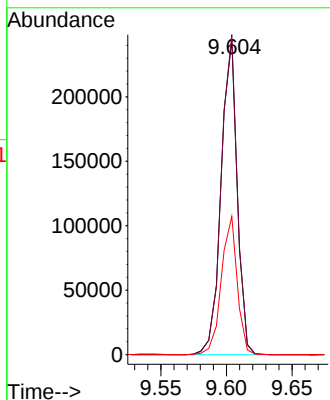
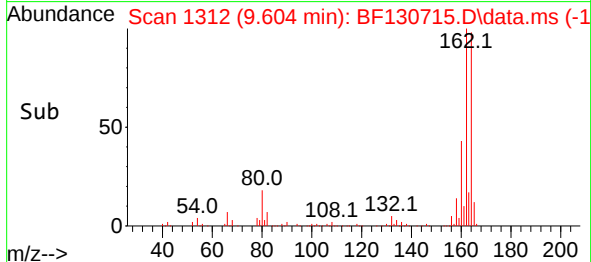
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



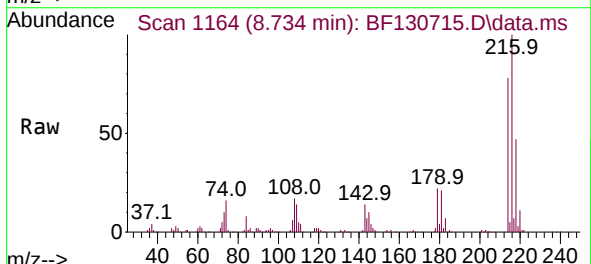
Tgt Ion:164 Resp: 208825
Ion Ratio Lower Upper
164 100
162 101.7 81.0 121.4
160 43.9 34.5 51.7

Manual Integrations
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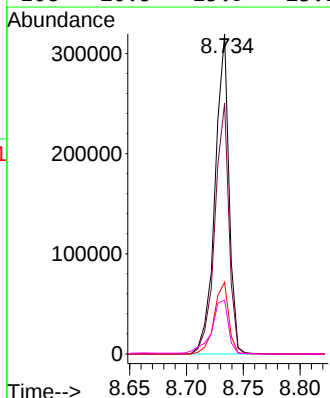
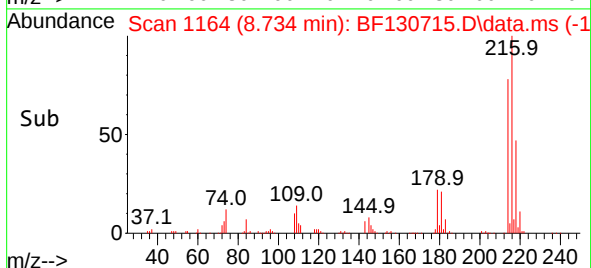
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

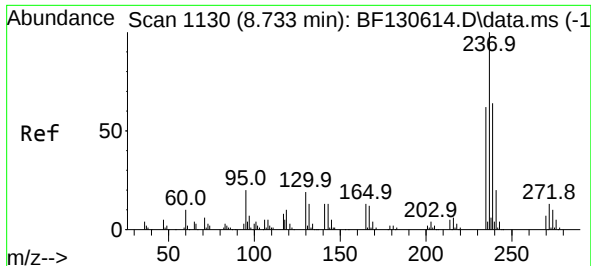


#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.991 ng
RT: 8.734 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



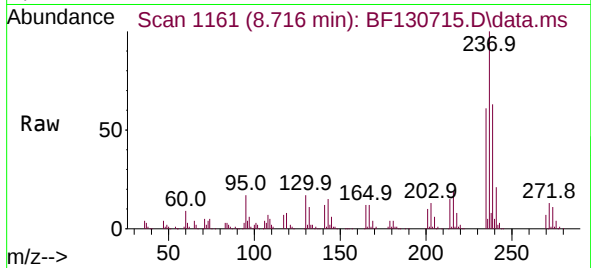
Tgt Ion:216 Resp: 271900
Ion Ratio Lower Upper
216 100
214 79.1 62.1 93.1
179 23.1 18.6 27.8
108 20.5 15.9 23.9





#41
Hexachlorocyclopentadiene
Concen: 64.277 ng
RT: 8.716 min Scan# 1130
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

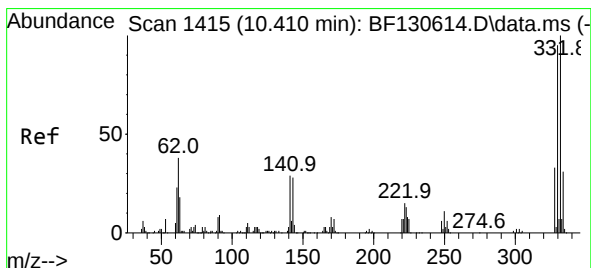
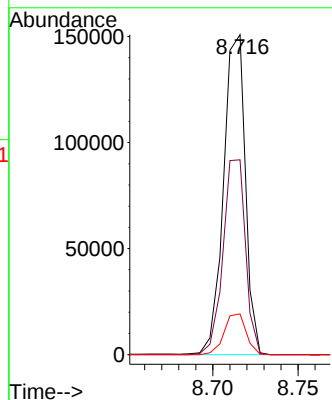
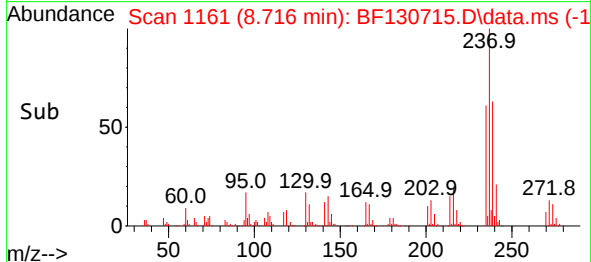
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



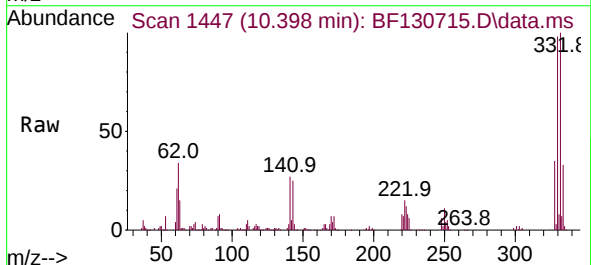
Tgt Ion:237 Resp: 134346
Ion Ratio Lower Upper
237 100
235 60.9 42.2 82.2
272 12.7 0.0 32.6

Manual Integrations
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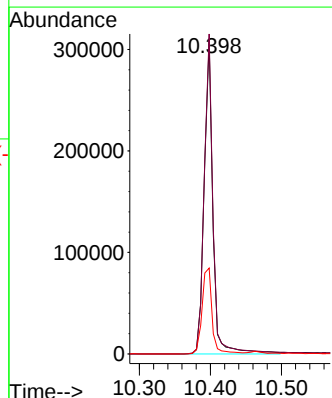
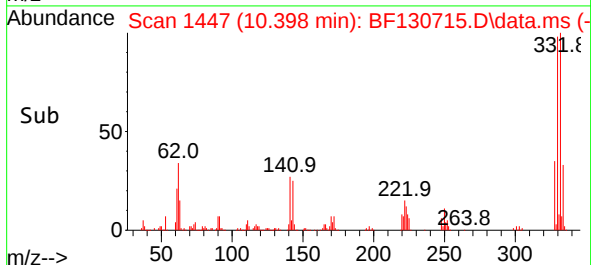
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

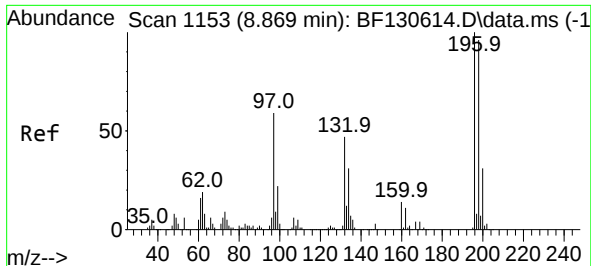


#42
2,4,6-Tribromophenol
Concen: 128.788 ng
RT: 10.398 min Scan# 1447
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



Tgt Ion:330 Resp: 263157
Ion Ratio Lower Upper
330 100
332 104.2 84.2 126.4
141 31.3 26.8 40.2





#43

2,4,6-Trichlorophenol

Concen: 42.489 ng

RT: 8.857 min Scan# 1119

Delta R.T. -0.000 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

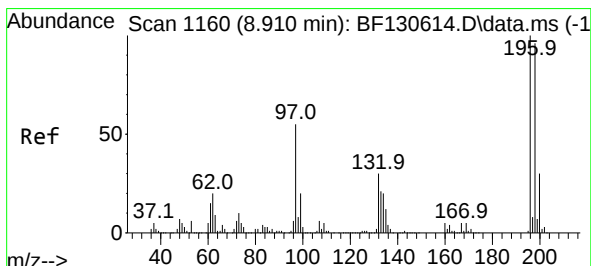
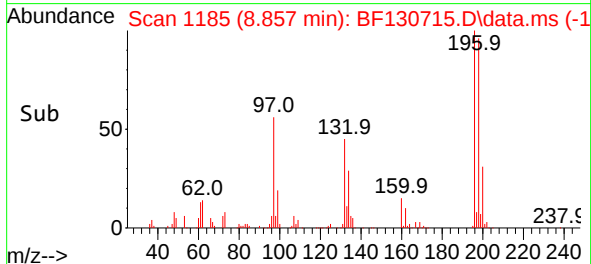
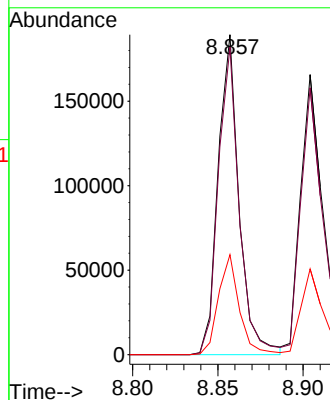
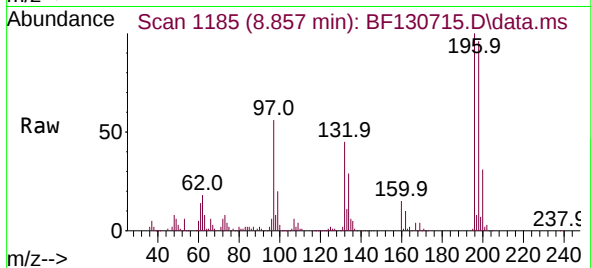
PB148423BSD

Tgt Ion:196 Resp: 161635
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.6 115.0
 200 31.2 25.0 37.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022



#44

2,4,5-Trichlorophenol

Concen: 44.293 ng

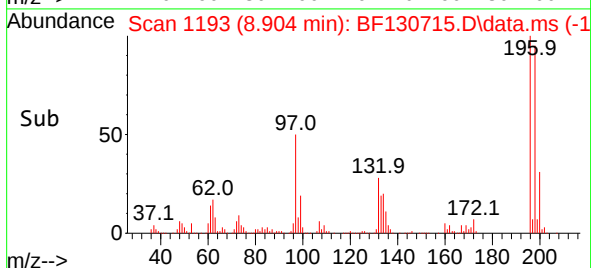
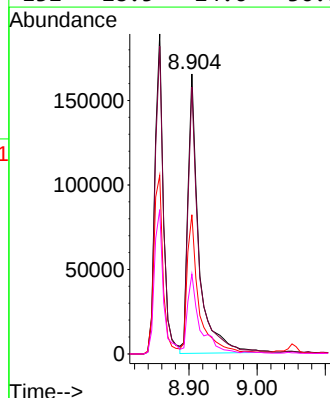
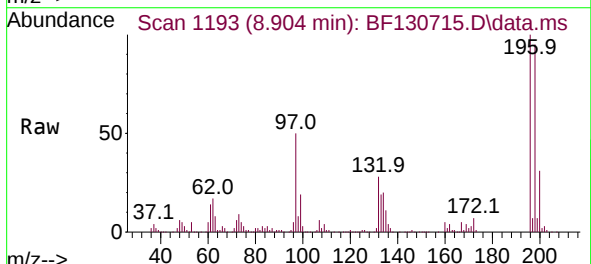
RT: 8.904 min Scan# 1193

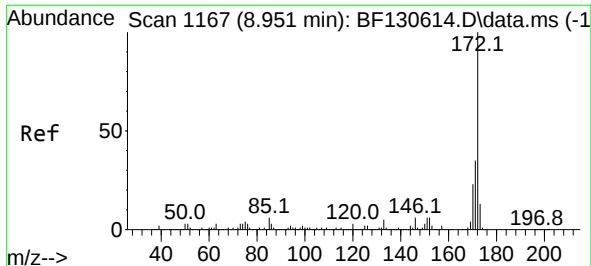
Delta R.T. 0.000 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Tgt Ion:196 Resp: 185301
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.6 114.8
 97 49.7 44.3 66.5
 132 28.5 24.6 36.8





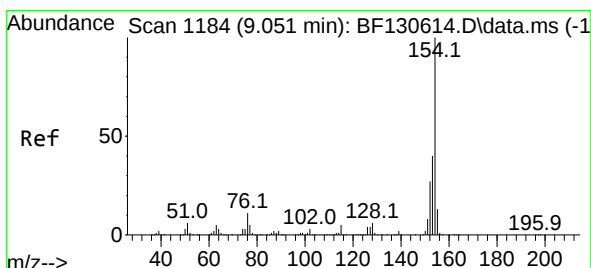
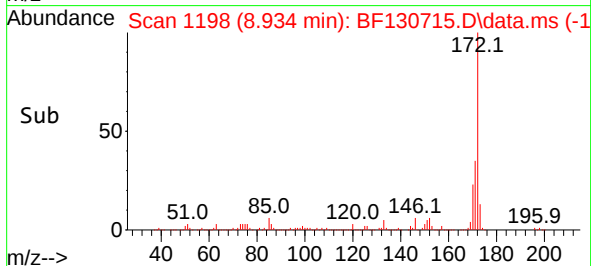
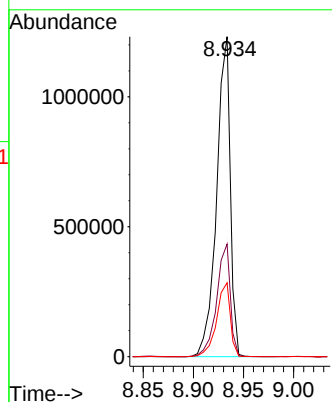
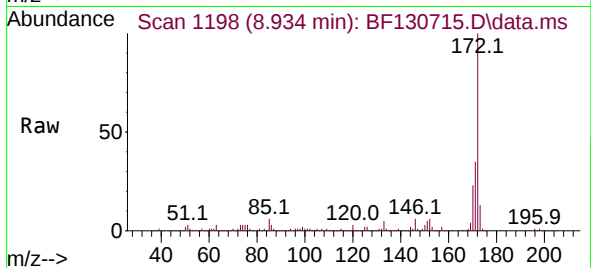
#45
2-Fluorobiphenyl
Concen: 84.627 ng
RT: 8.934 min Scan# 1166673
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion:172 Resp: 1166673
Ion Ratio Lower Upper
172 100
171 35.2 27.8 41.8
170 23.1 18.6 27.8

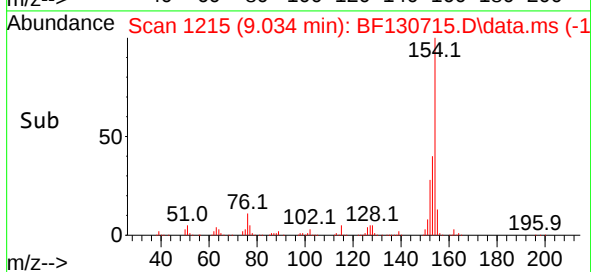
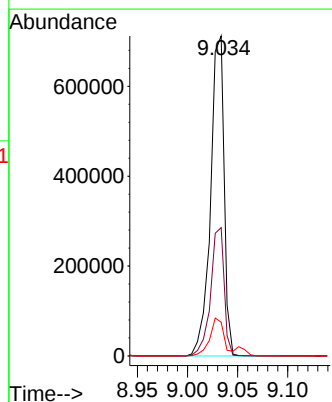
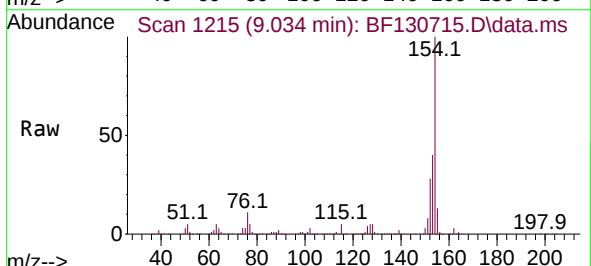
Manual Integrations
APPROVED

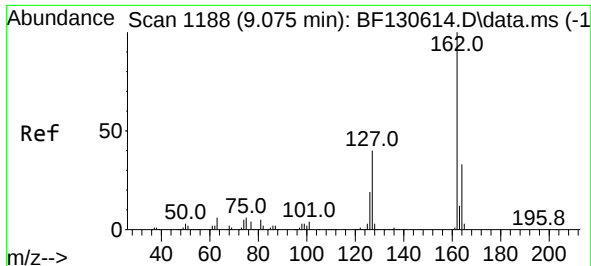
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#46
1,1'-Biphenyl
Concen: 44.178 ng
RT: 9.034 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:154 Resp: 668589
Ion Ratio Lower Upper
154 100
153 40.1 20.0 60.0
76 10.5 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.683 ng

RT: 9.051 min Scan# 1188

Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

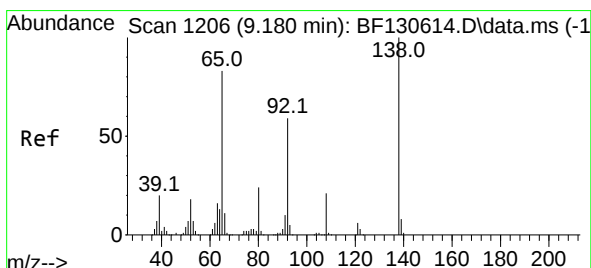
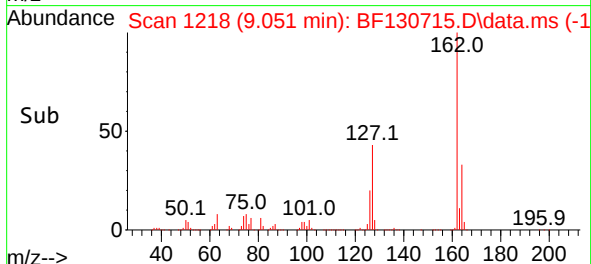
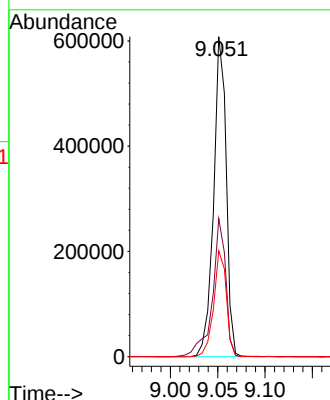
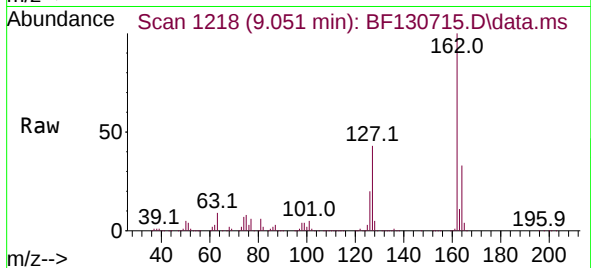
PB148423BSD

Tgt Ion:	162	Resp:	56504
Ion Ratio	Lower	Upper	
162	100		
127	43.1	32.6	49.0
164	33.1	26.3	39.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#48

2-Nitroaniline

Concen: 49.283 ng

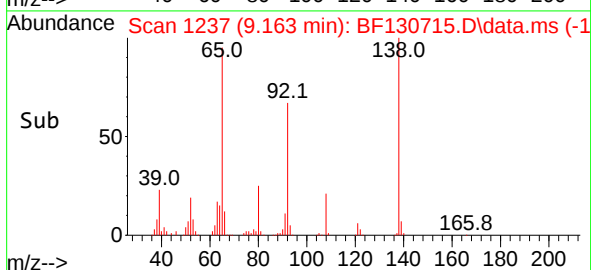
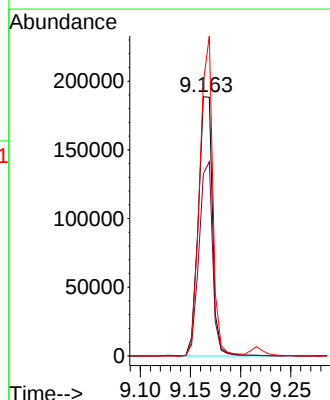
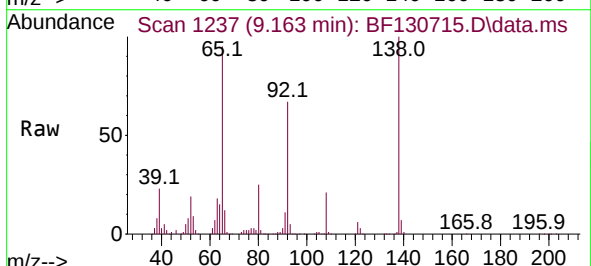
RT: 9.163 min Scan# 1237

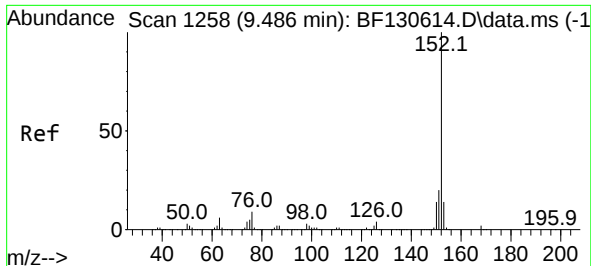
Delta R.T. -0.006 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

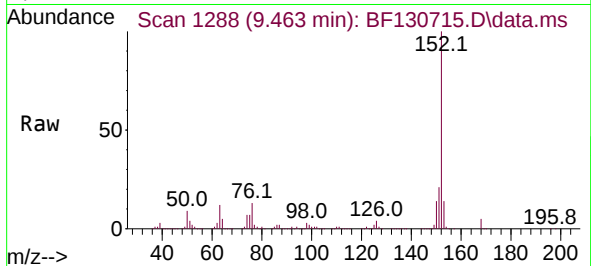
Tgt Ion:	65	Resp:	183497
Ion Ratio	Lower	Upper	
65	100		
92	70.3	57.4	86.0
138	105.5	96.7	145.1





#49
Acenaphthylene
Concen: 44.994 ng
RT: 9.463 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

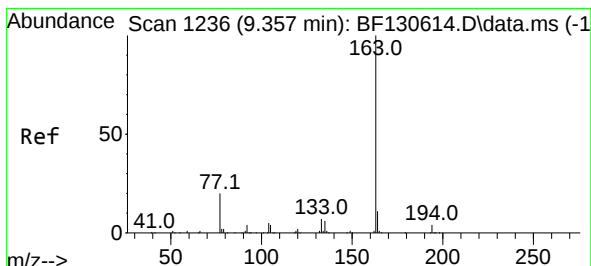
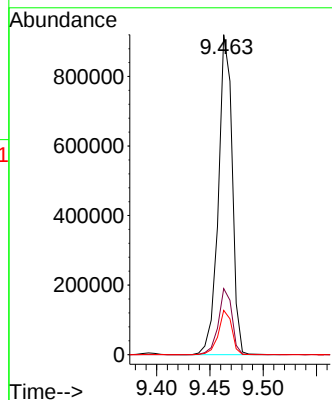
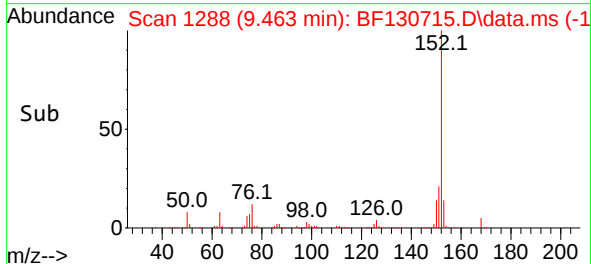
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:152 Resp: 833869
Ion Ratio Lower Upper
152 100
151 20.6 16.2 24.2
153 13.8 10.8 16.2

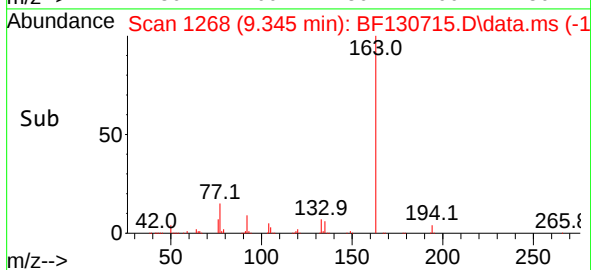
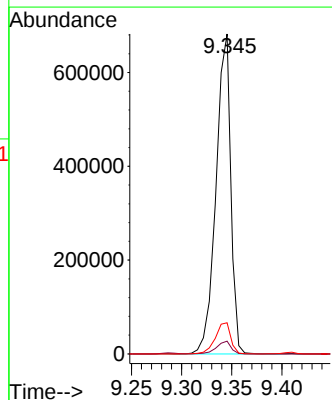
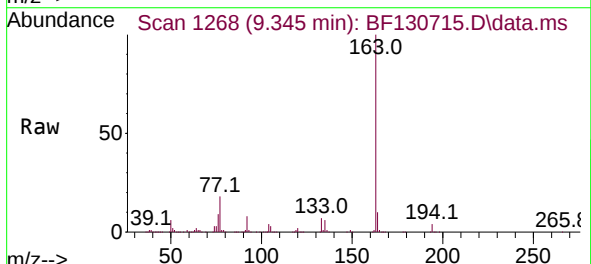
Manual Integrations
APPROVED

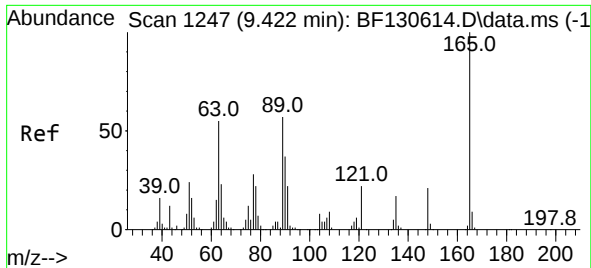
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#50
Dimethylphthalate
Concen: 48.412 ng
RT: 9.345 min Scan# 1268
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

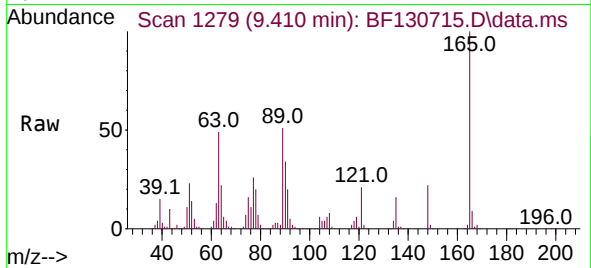
Tgt Ion:163 Resp: 699815
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 9.7 8.5 12.7





#51
2,6-Dinitrotoluene
Concen: 47.847 ng
RT: 9.410 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

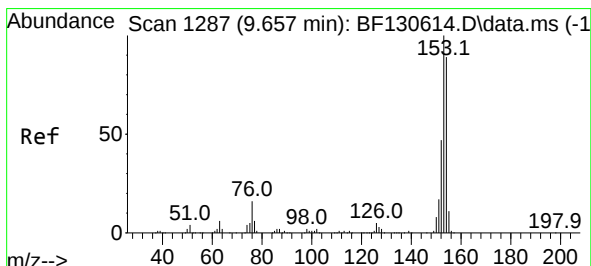
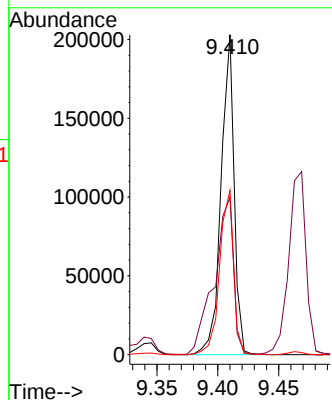
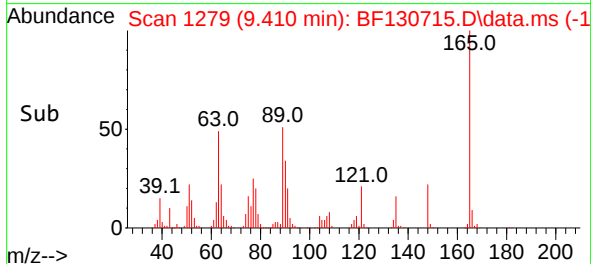
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



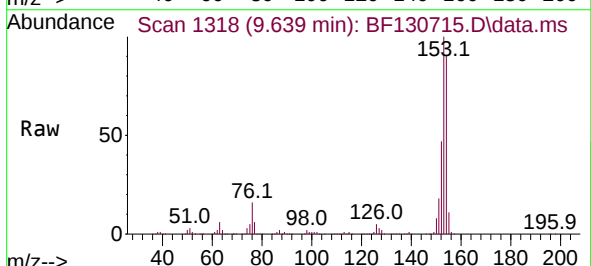
Tgt Ion:165 Resp: 151719
Ion Ratio Lower Upper
165 100
63 49.1 45.3 67.9
89 51.3 45.6 68.4

Manual Integrations
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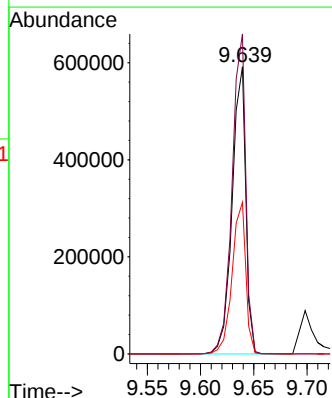
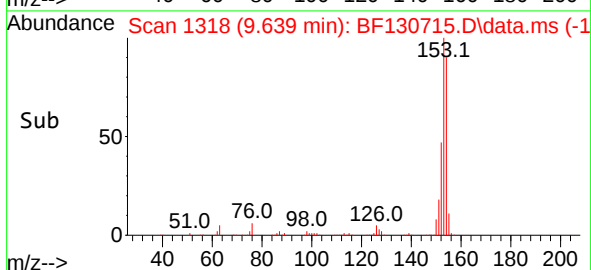
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

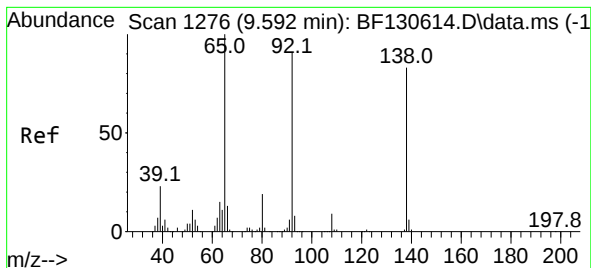


#52
Acenaphthene
Concen: 46.994 ng
RT: 9.639 min Scan# 1318
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



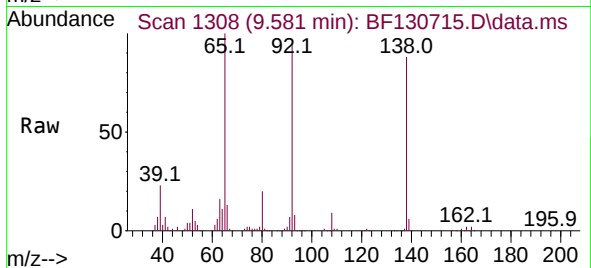
Tgt Ion:154 Resp: 527663
Ion Ratio Lower Upper
154 100
153 111.5 89.6 134.4
152 52.8 42.4 63.6





#53
3-Nitroaniline
Concen: 32.778 ng
RT: 9.581 min Scan# 1308
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

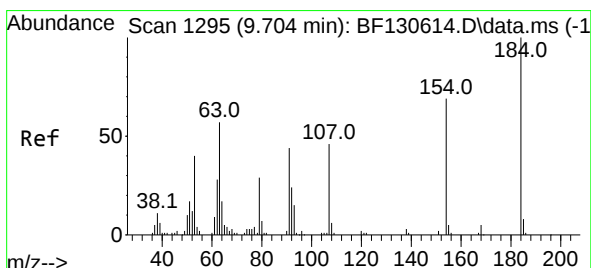
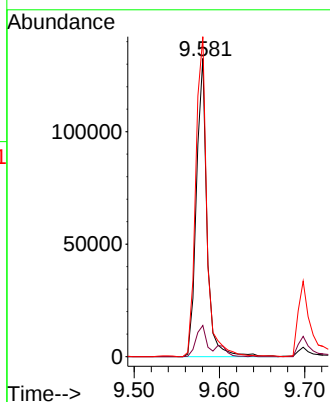
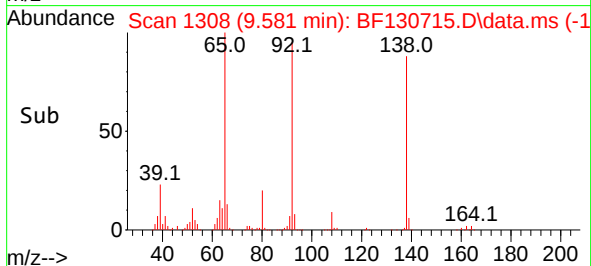
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



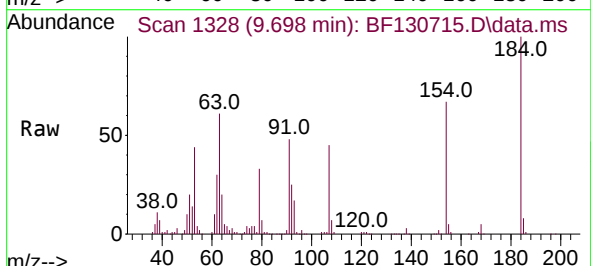
Tgt Ion:138 Resp: 113931
Ion Ratio Lower Upper
138 100
108 10.4 8.4 12.6
92 107.3 88.2 132.4

Manual Integrations
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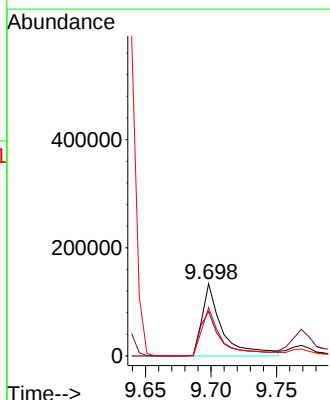
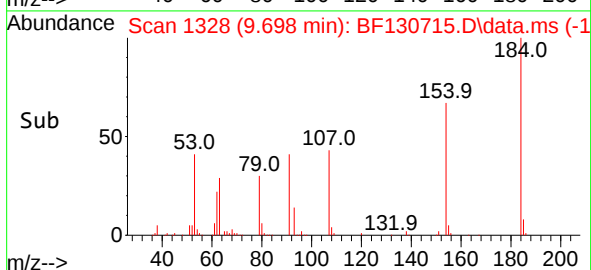
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

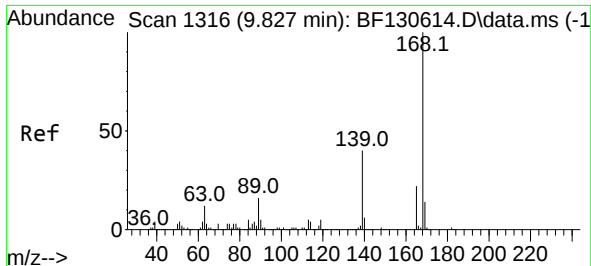


#54
2,4-Dinitrophenol
Concen: 87.844 ng
RT: 9.698 min Scan# 1328
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



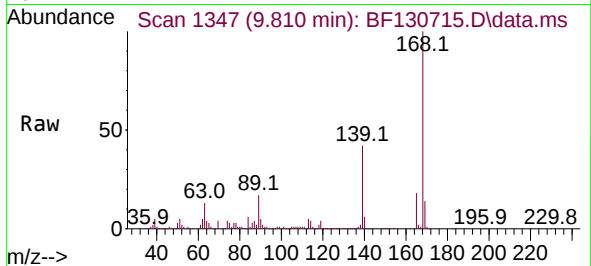
Tgt Ion:184 Resp: 142779
Ion Ratio Lower Upper
184 100
63 61.5 45.5 68.3
154 66.8 55.1 82.7





#55
Dibenzenofuran
Concen: 46.910 ng
RT: 9.810 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

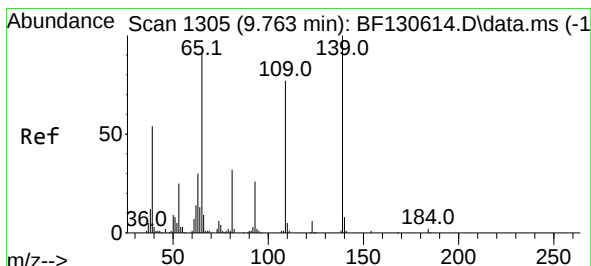
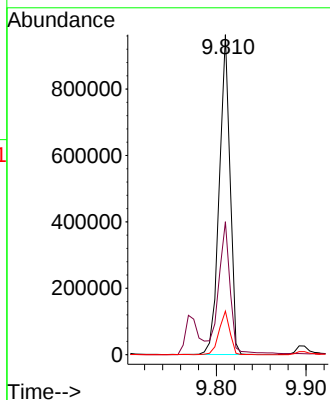
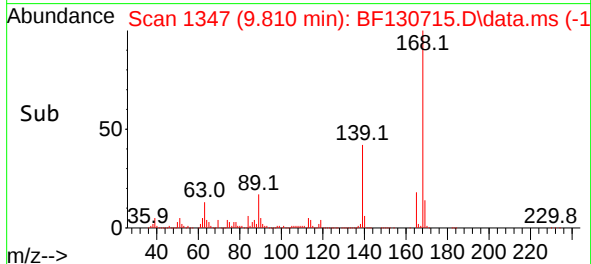
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:168 Resp: 802405
Ion Ratio Lower Upper
168 100
139 41.5 33.0 49.4
169 13.6 10.9 16.3

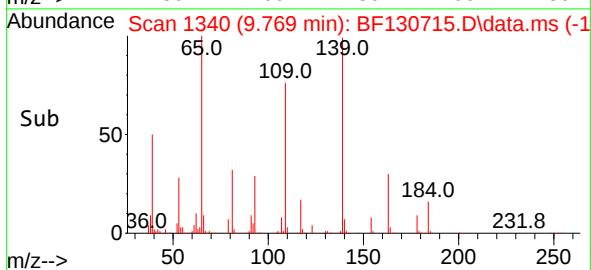
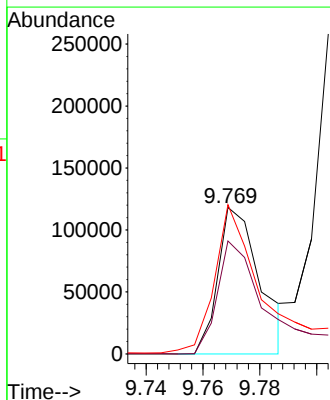
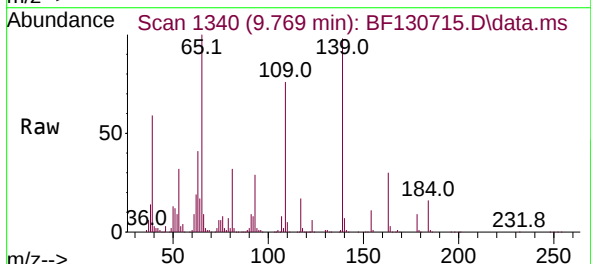
Manual Integrations
APPROVED

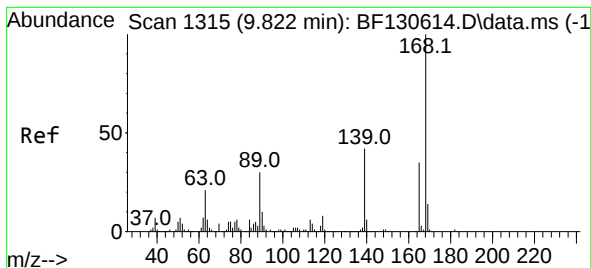
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#56
4-Nitrophenol
Concen: 63.450 ng
RT: 9.769 min Scan# 1340
Delta R.T. 0.012 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

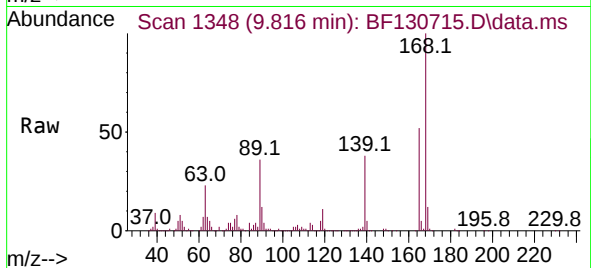
Tgt Ion:139 Resp: 121600
Ion Ratio Lower Upper
139 100
109 77.0 57.4 97.4
65 101.8 71.3 111.3





#57
2,4-Dinitrotoluene
Concen: 50.171 ng
RT: 9.816 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

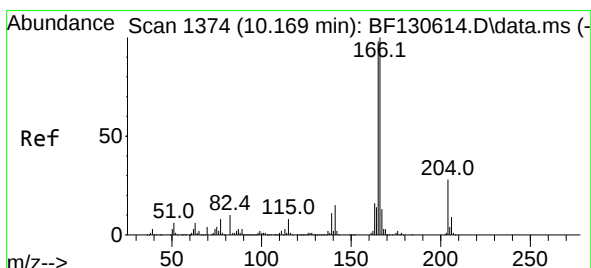
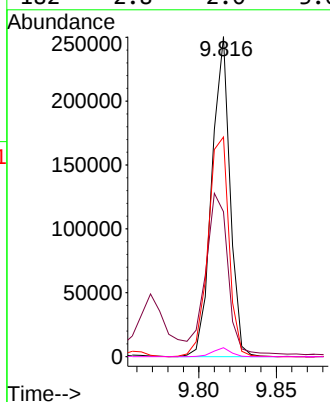
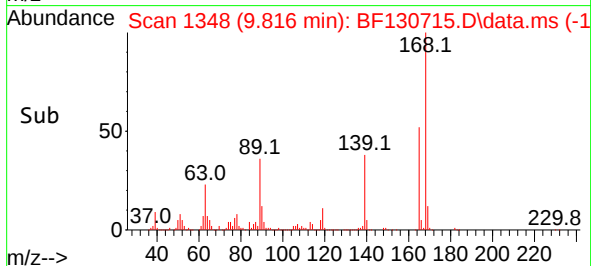
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



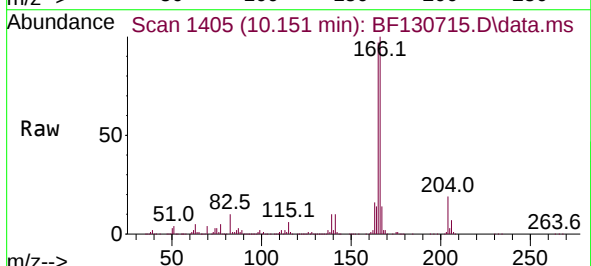
Tgt Ion:165 Resp: 204462
Ion Ratio Lower Upper
165 100
63 45.3 50.6 76.0
89 68.6 68.6 102.8
182 2.8 2.0 3.0

Manual Integrations
APPROVED

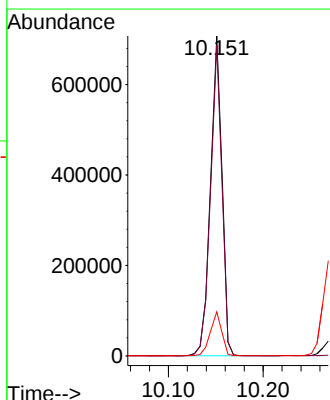
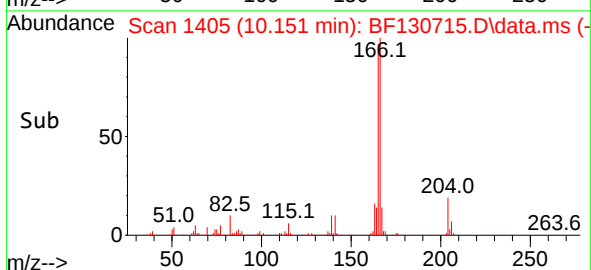
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

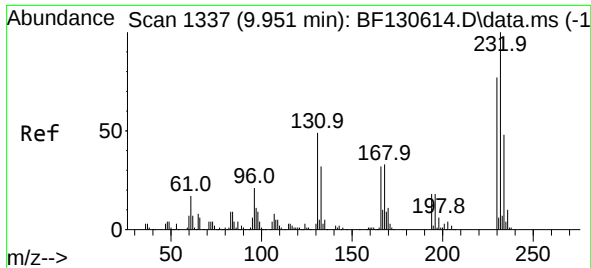


#58
Fluorene
Concen: 42.816 ng
RT: 10.151 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



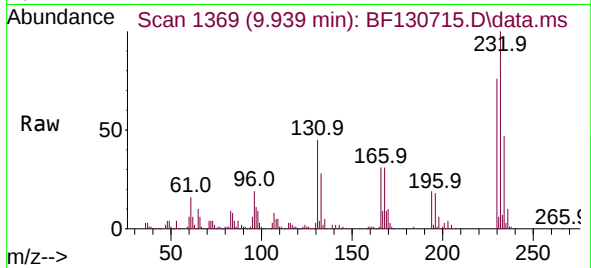
Tgt Ion:166 Resp: 602116
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.4
167 13.8 10.8 16.2





#59
2,3,4,6-Tetrachlorophenol
Concen: 42.969 ng
RT: 9.939 min Scan# 1337
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

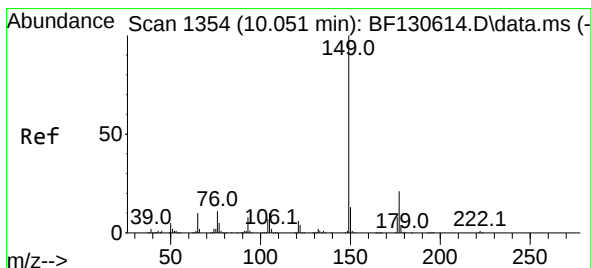
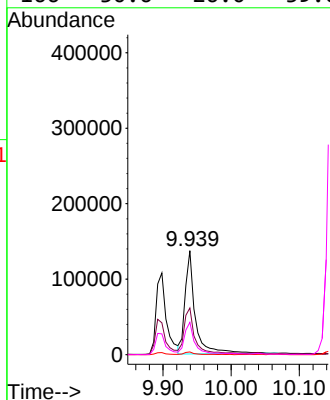
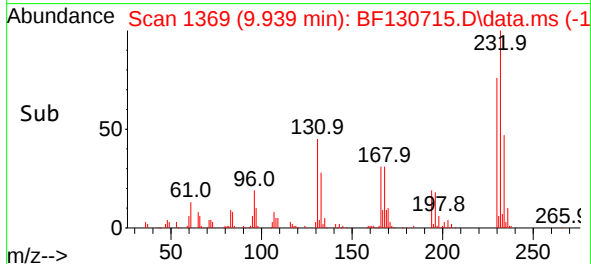
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



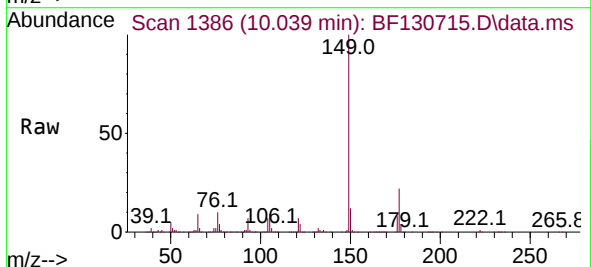
Tgt Ion:232 Resp: 143314
Ion Ratio Lower Upper
232 100
131 48.4 41.4 62.0
130 2.7 2.1 3.1
166 30.6 26.0 39.0

Manual Integrations
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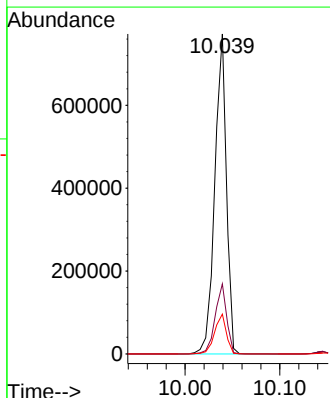
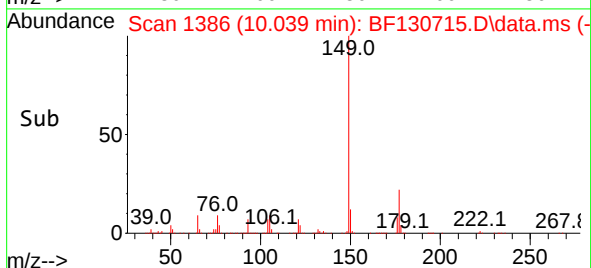
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

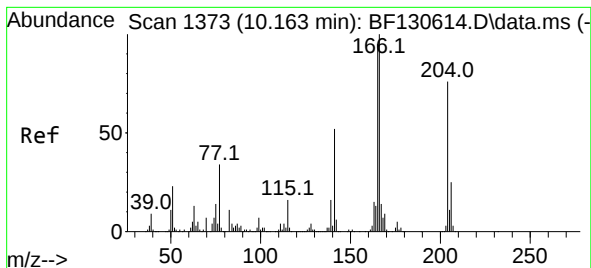


#60
Diethylphthalate
Concen: 45.658 ng
RT: 10.039 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



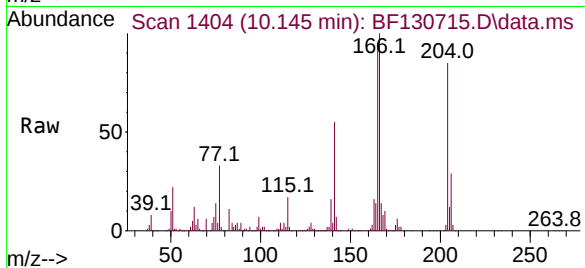
Tgt Ion:149 Resp: 658516
Ion Ratio Lower Upper
149 100
177 21.9 16.7 25.1
150 12.4 10.5 15.7





#61
4-Chlorophenyl-phenylether
Concen: 42.466 ng
RT: 10.145 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

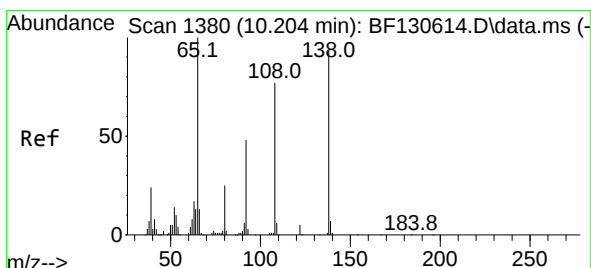
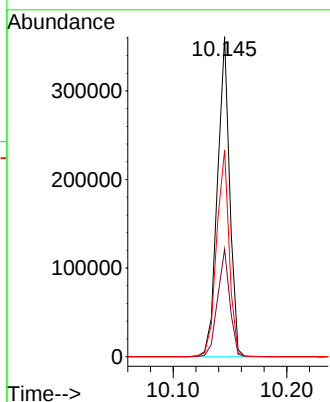
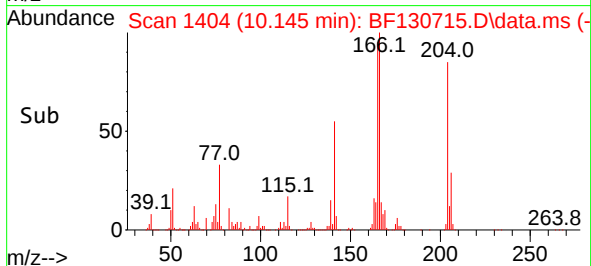
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



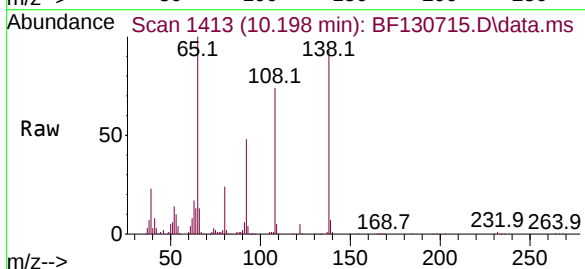
Tgt Ion:204 Resp: 269988
Ion Ratio Lower Upper
204 100
206 33.6 26.1 39.1
141 64.6 54.6 81.8

Manual Integrations
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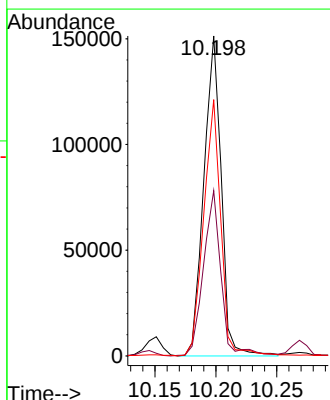
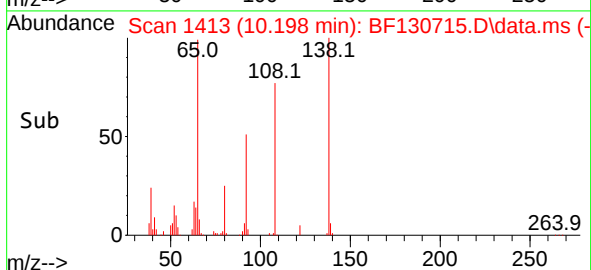
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

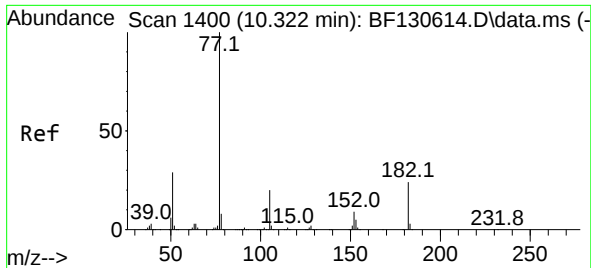


#62
4-Nitroaniline
Concen: 45.436 ng
RT: 10.198 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



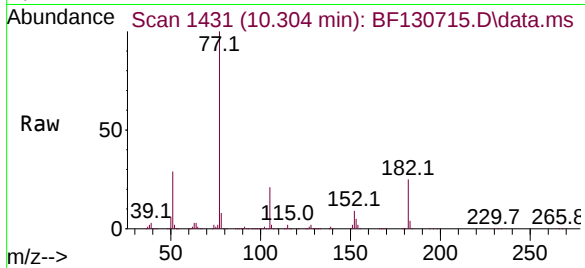
Tgt Ion:138 Resp: 150783
Ion Ratio Lower Upper
138 100
92 51.6 31.1 71.1
108 80.1 62.1 102.1





#63
Azobenzene
Concen: 36.897 ng
RT: 10.304 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

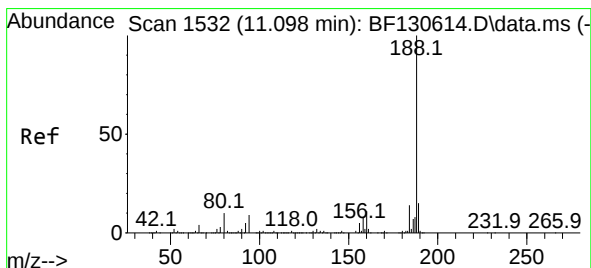
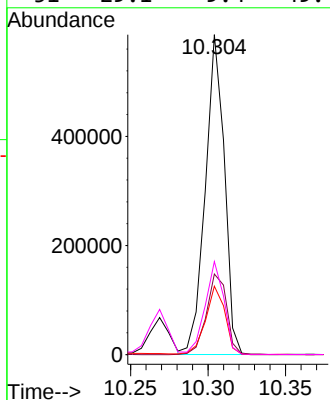
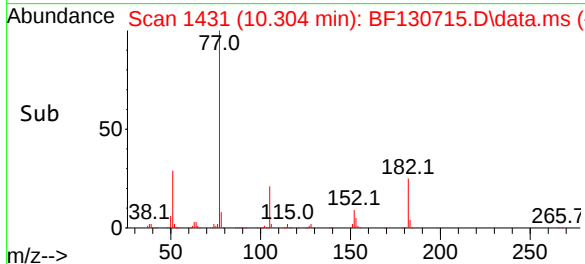
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



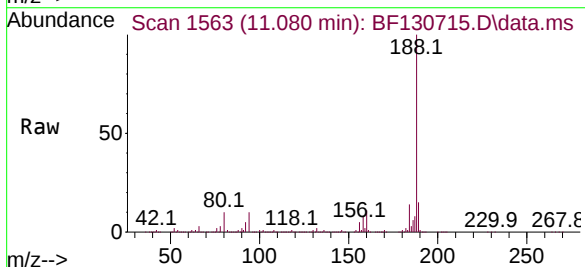
Tgt Ion: 77 Resp: 501222
Ion Ratio Lower Upper
77 100
182 25.2 3.8 43.8
105 21.4 0.3 40.3
51 29.1 9.4 49.4

Manual Integrations
APPROVED

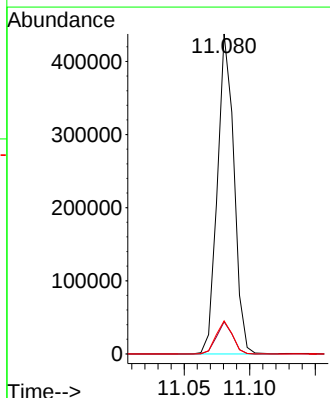
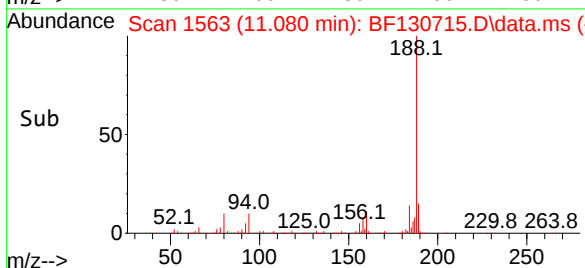
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

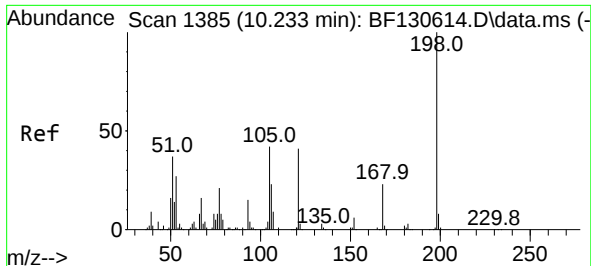


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.080 min Scan# 1563
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



Tgt Ion:188 Resp: 385921
Ion Ratio Lower Upper
188 100
94 10.0 7.4 11.2
80 10.3 8.0 12.0





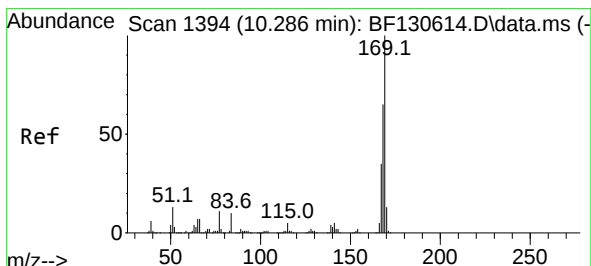
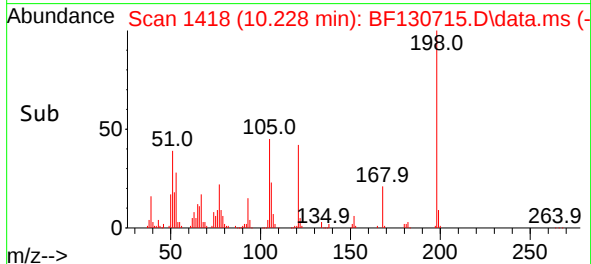
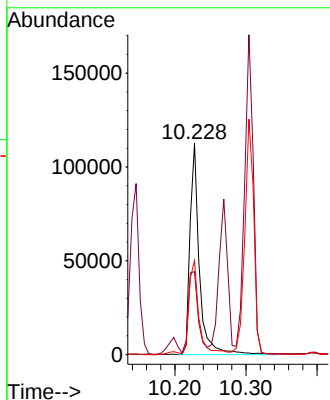
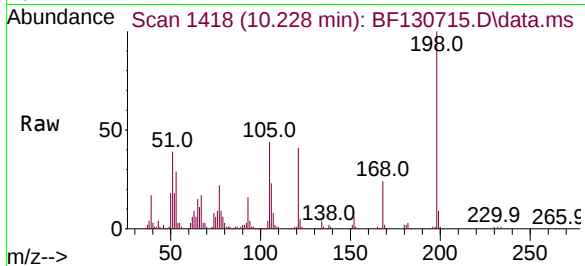
#65
4,6-Dinitro-2-methylphenol
Concen: 43.101 ng
RT: 10.228 min Scan# 1418
Delta R.T. 0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion:198 Resp: 103947
Ion Ratio Lower Upper
198 100
51 39.3 18.7 58.7
105 44.5 22.0 62.0

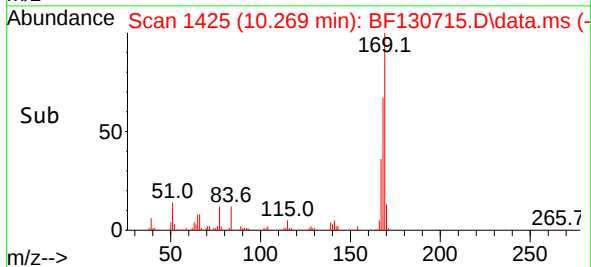
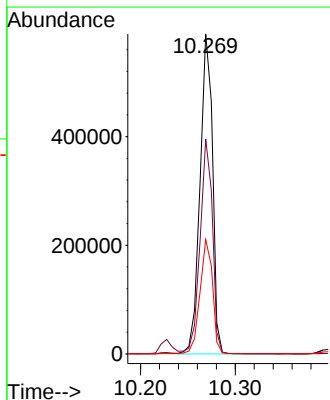
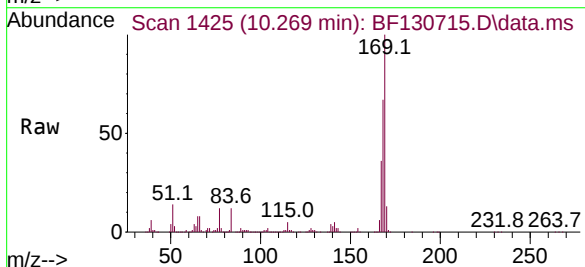
Manual Integrations
APPROVED

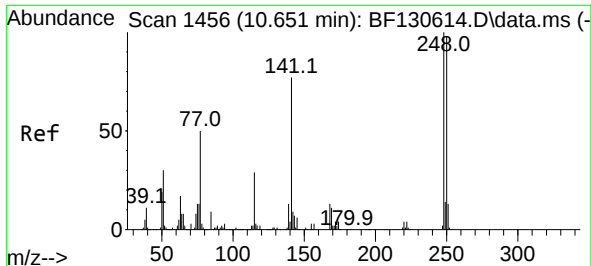
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#66
n-Nitrosodiphenylamine
Concen: 42.109 ng
RT: 10.269 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

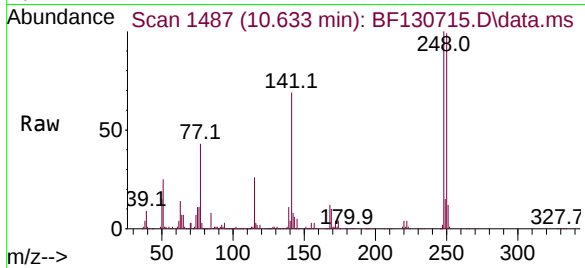
Tgt Ion:169 Resp: 540566
Ion Ratio Lower Upper
169 100
168 67.2 52.2 78.4
167 35.7 28.3 42.5





#67
4-Bromophenyl-phenylether
Concen: 42.632 ng
RT: 10.633 min Scan# 1456
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

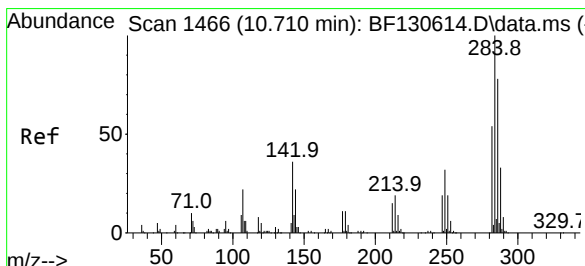
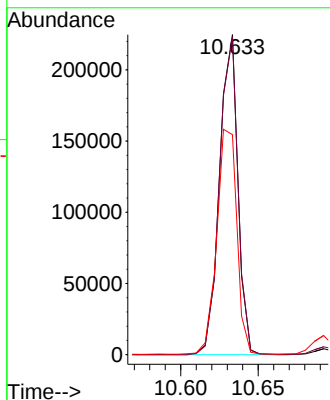
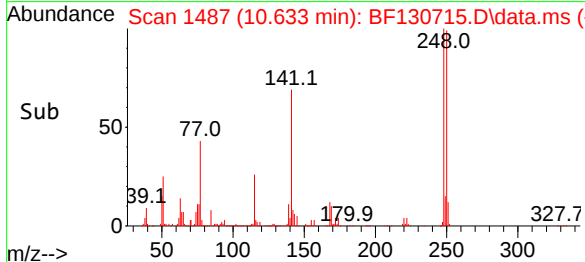
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



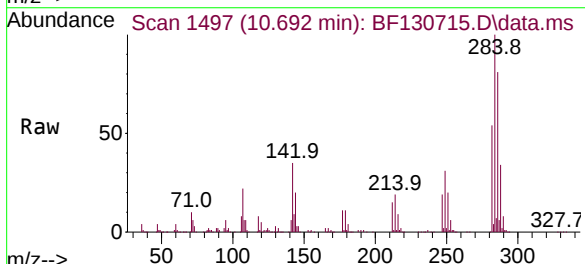
Tgt Ion:248 Resp: 186152
Ion Ratio Lower Upper
248 100
250 99.3 78.7 118.1
141 68.7 61.6 92.4

Manual Integrations
APPROVED

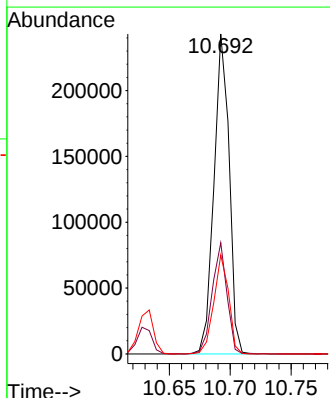
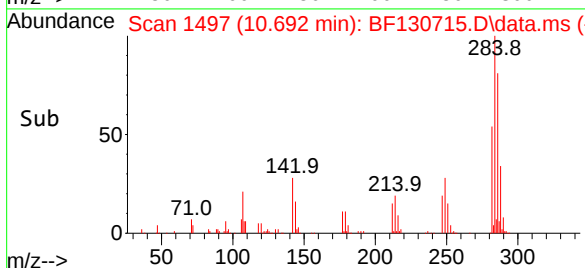
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

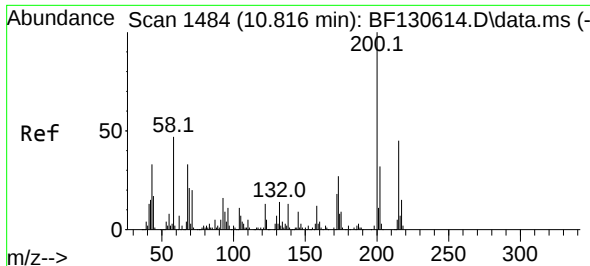


#68
Hexachlorobenzene
Concen: 42.778 ng
RT: 10.692 min Scan# 1497
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



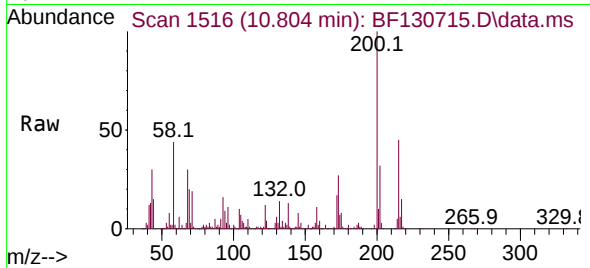
Tgt Ion:284 Resp: 211159
Ion Ratio Lower Upper
284 100
142 34.7 28.6 42.8
249 30.9 25.2 37.8





#69
 Atrazine
 Concen: 54.808 ng
 RT: 10.804 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130715.D
 Acq: 19 Oct 2022 17:26

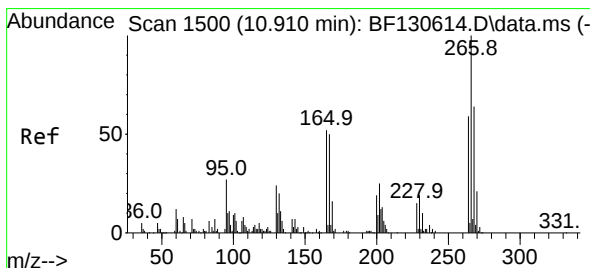
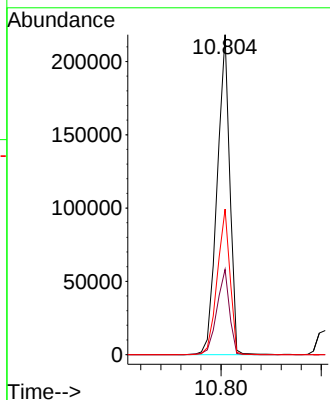
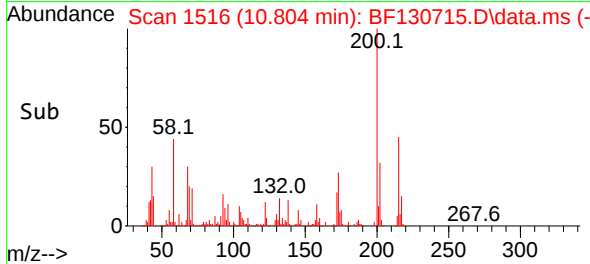
Instrument :
 BNA_F
 ClientSampleId :
 PB148423BSD



Tgt Ion:200 Resp: 191590
 Ion Ratio Lower Upper
 200 100
 173 26.6 7.1 47.1
 215 45.5 24.9 64.9

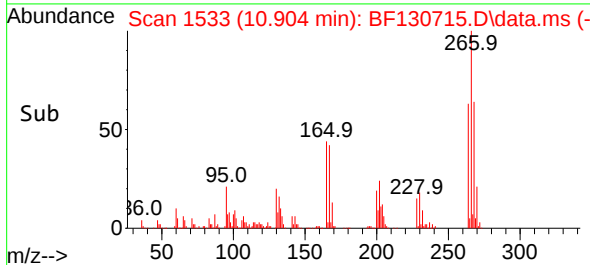
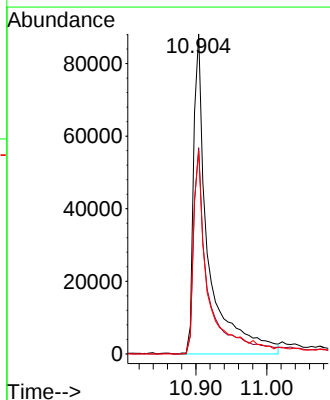
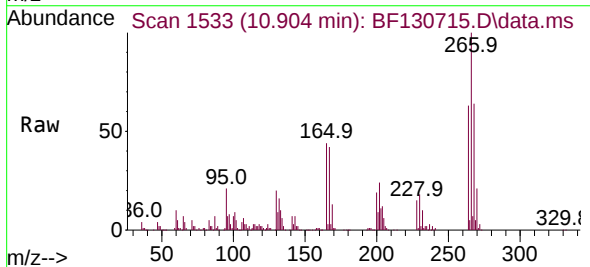
Manual Integrations
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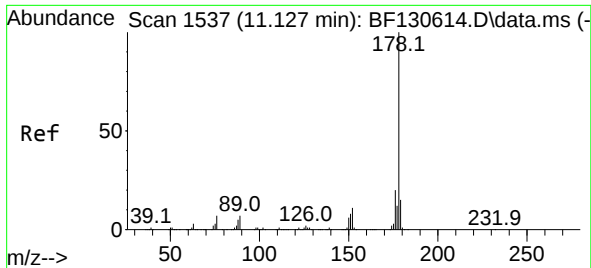
Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022



#70
 Pentachlorophenol
 Concen: 66.064 ng
 RT: 10.904 min Scan# 1533
 Delta R.T. 0.000 min
 Lab File: BF130715.D
 Acq: 19 Oct 2022 17:26

Tgt Ion:266 Resp: 126920
 Ion Ratio Lower Upper
 266 100
 268 64.4 50.8 76.2
 264 63.5 47.5 71.3





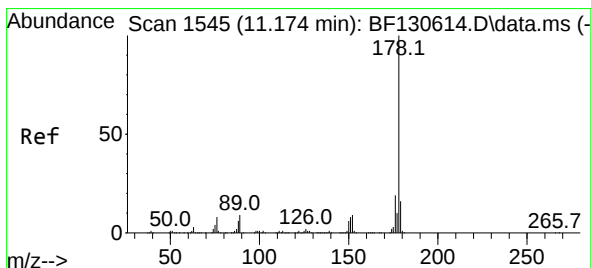
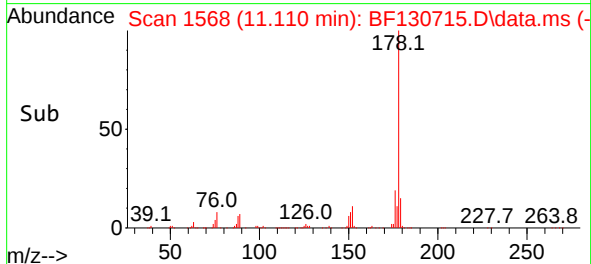
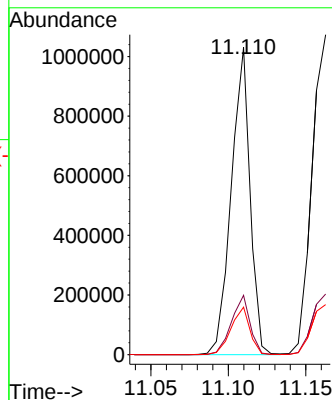
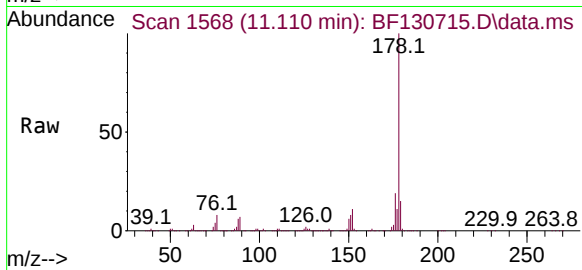
#71
Phenanthrene
Concen: 40.879 ng
RT: 11.110 min Scan# 1537
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion:178 Resp: 874059
Ion Ratio Lower Upper
178 100
176 19.3 15.7 23.5
179 15.5 12.2 18.4

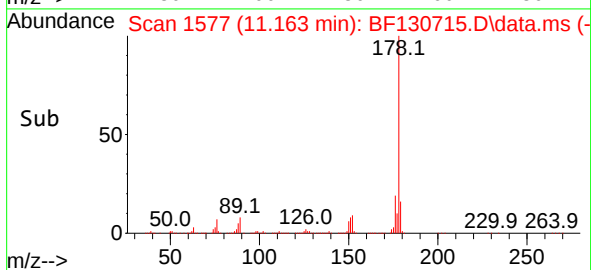
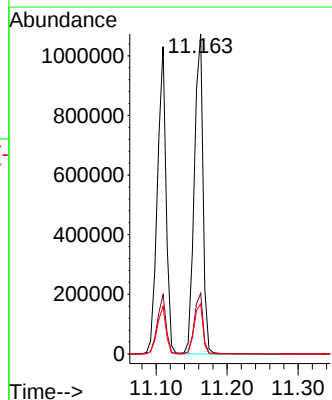
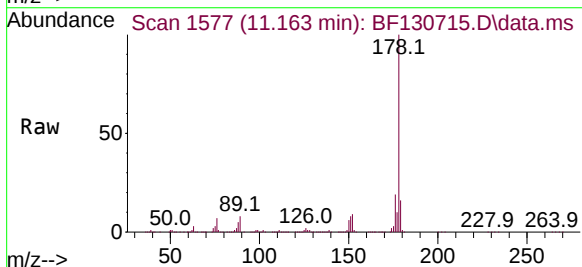
Manual Integrations
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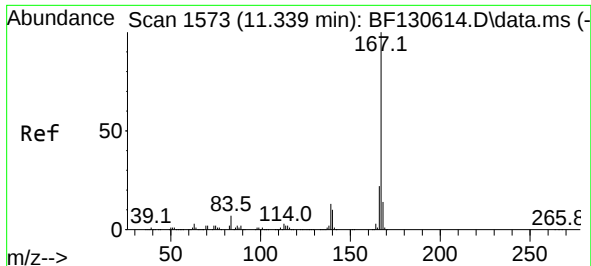
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#72
Anthracene
Concen: 43.785 ng
RT: 11.163 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

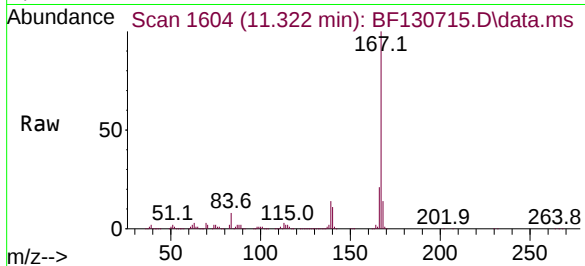
Tgt Ion:178 Resp: 914325
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.6 12.5 18.7





#73
 Carbazole
 Concen: 38.262 ng
 RT: 11.322 min Scan# 1604
 Delta R.T. -0.006 min
 Lab File: BF130715.D
 Acq: 19 Oct 2022 17:26

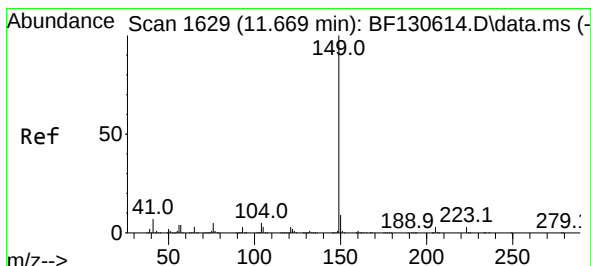
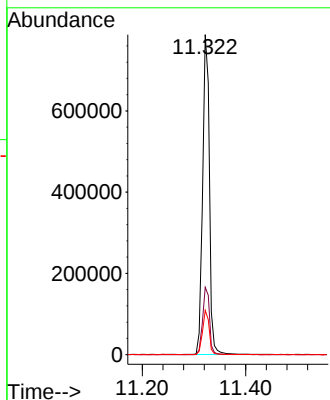
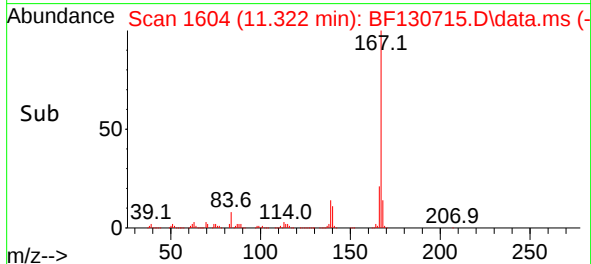
Instrument :
 BNA_F
 ClientSampleId :
 PB148423BSD



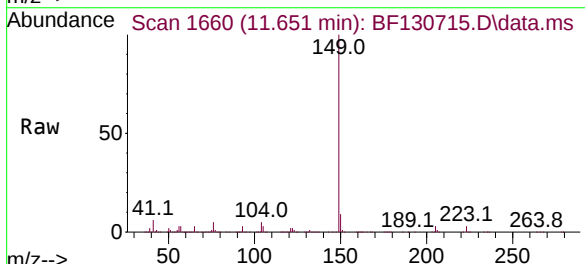
Tgt Ion:167 Resp: 71295
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.3 25.9
 139 13.8 10.7 16.1

Manual Integrations
 APPROVED

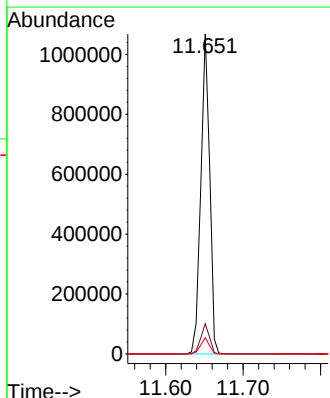
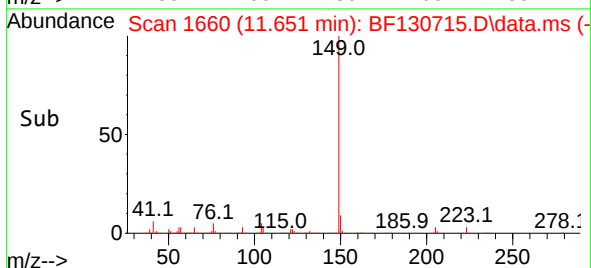
Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

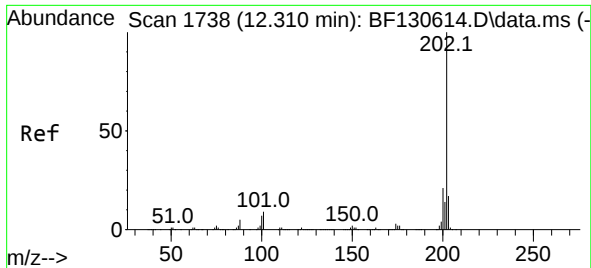


#74
 Di-n-butylphthalate
 Concen: 37.454 ng
 RT: 11.651 min Scan# 1660
 Delta R.T. -0.006 min
 Lab File: BF130715.D
 Acq: 19 Oct 2022 17:26



Tgt Ion:149 Resp: 845387
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.1 4.2 6.2





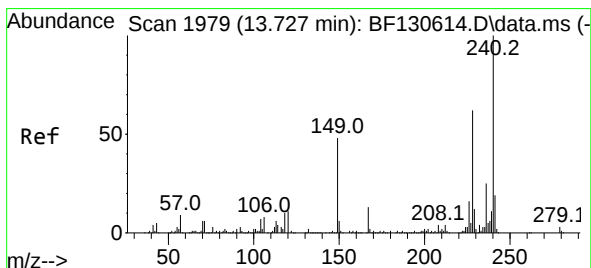
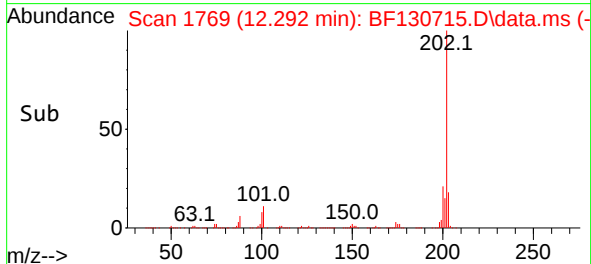
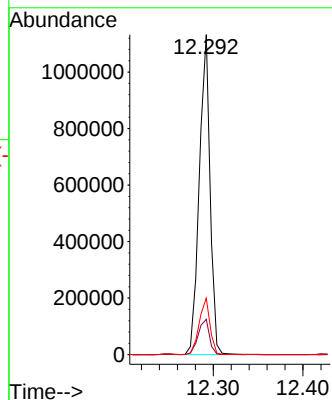
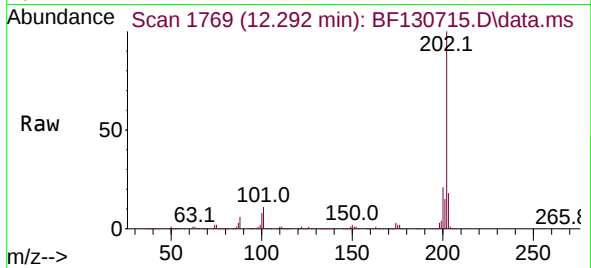
#75
Fluoranthene
Concen: 45.890 ng
RT: 12.292 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Instrument :
BNA_F
ClientSampleId :
PB148423BSD

Tgt Ion:202 Resp: 943016
Ion Ratio Lower Upper
202 100
101 11.0 0.0 29.1
203 17.6 0.0 37.3

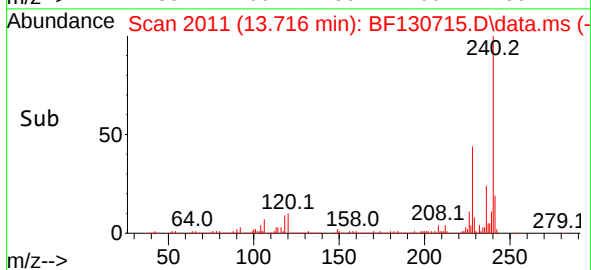
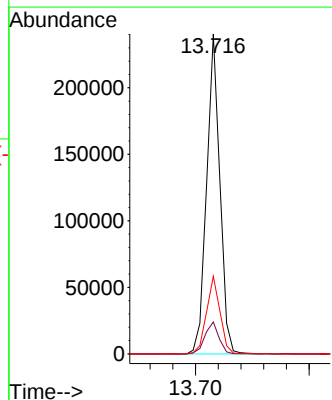
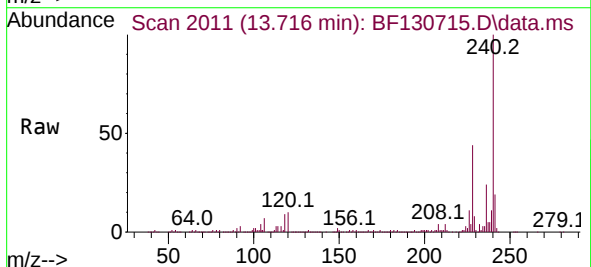
Manual Integrations
APPROVED

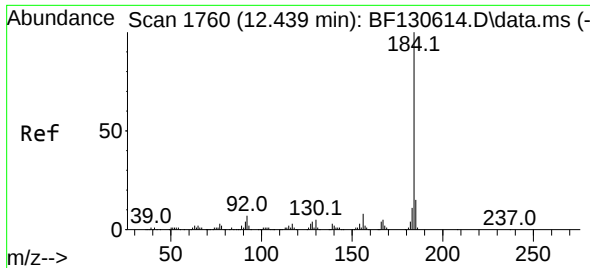
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.716 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

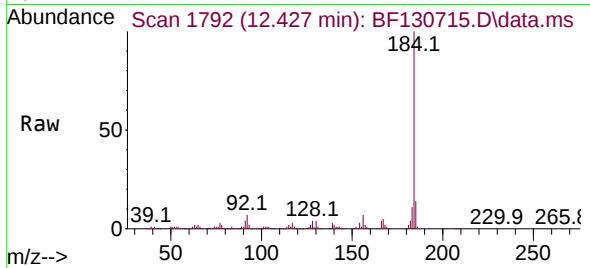
Tgt Ion:240 Resp: 194629
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 24.3 20.2 30.4





#77
Benzidine
Concen: 63.199 ng
RT: 12.427 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

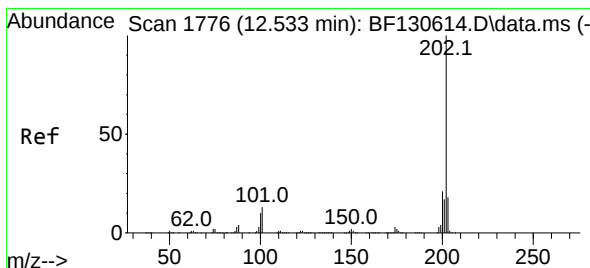
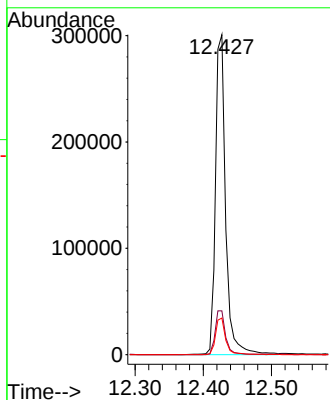
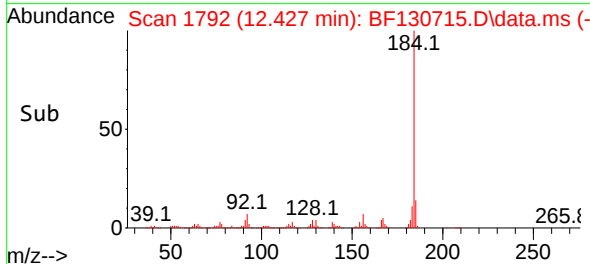
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



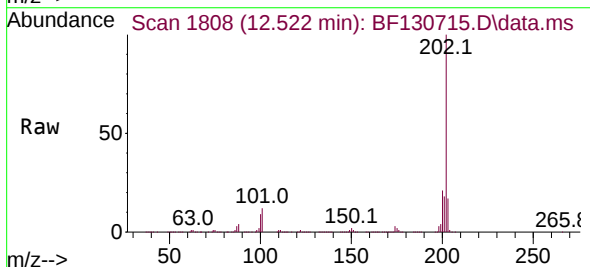
Tgt Ion:184 Resp: 310908
Ion Ratio Lower Upper
184 100
185 13.7 12.0 18.0
183 11.4 9.0 13.4

Manual Integrations
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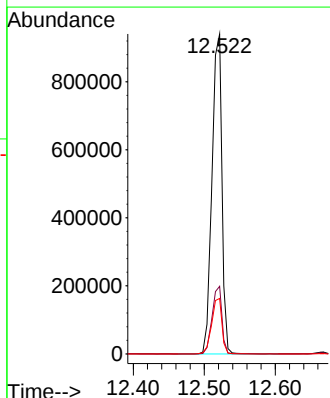
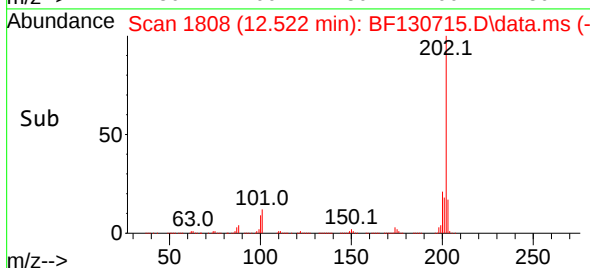
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

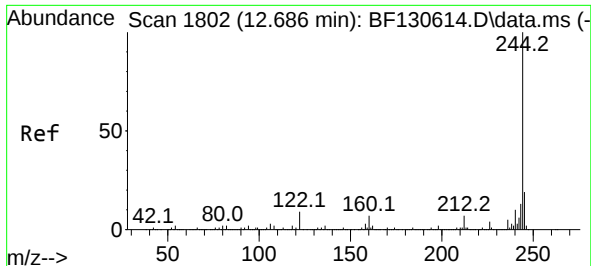


#78
Pyrene
Concen: 54.475 ng
RT: 12.522 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



Tgt Ion:202 Resp: 914680
Ion Ratio Lower Upper
202 100
200 21.2 16.7 25.1
203 17.3 14.0 21.0





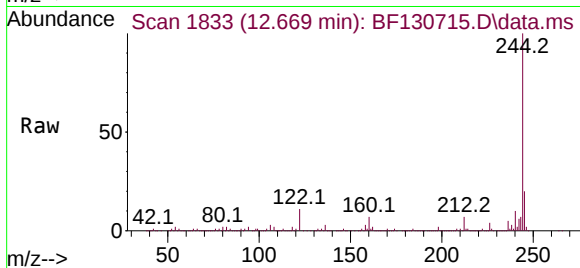
#79
 Terphenyl-d14
 Concen: 116.073 ng
 RT: 12.669 min Scan# 1802
 Delta R.T. -0.006 min
 Lab File: BF130715.D
 Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

PB148423BSD

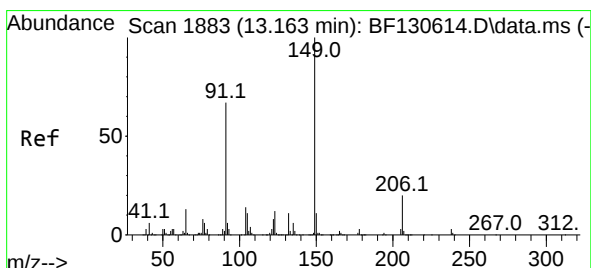
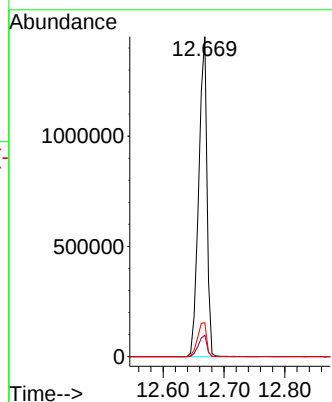
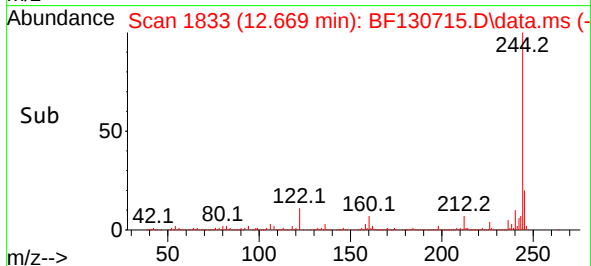


Tgt Ion:244 Resp: 1361137
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.6 7.5 11.3

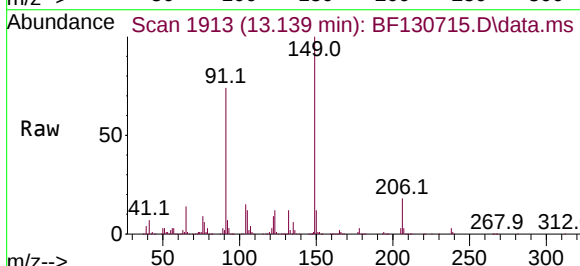
Manual Integrations

APPROVED

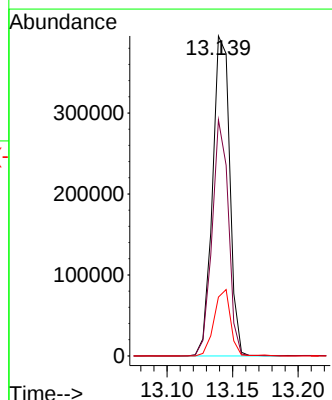
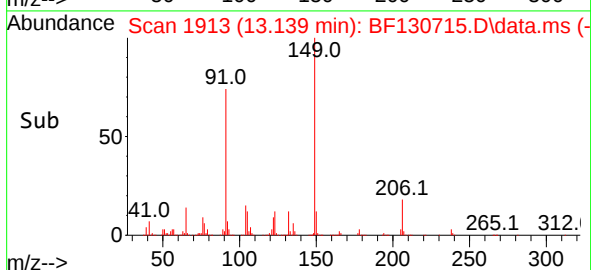
Reviewed By :Christian Giraldo 10/20/2022
 Supervised By :mohammad ahmed 10/20/2022

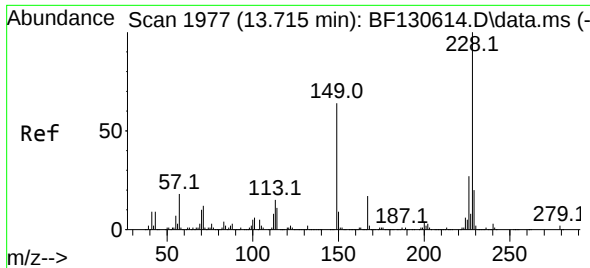


#80
 Butylbenzylphthalate
 Concen: 56.104 ng
 RT: 13.139 min Scan# 1913
 Delta R.T. -0.012 min
 Lab File: BF130715.D
 Acq: 19 Oct 2022 17:26



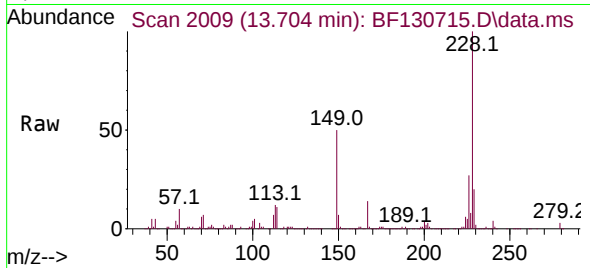
Tgt Ion:149 Resp: 362237
 Ion Ratio Lower Upper
 149 100
 91 73.8 53.8 80.8
 206 18.4 15.8 23.6





#81
Benzo(a)anthracene
Concen: 44.324 ng
RT: 13.704 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

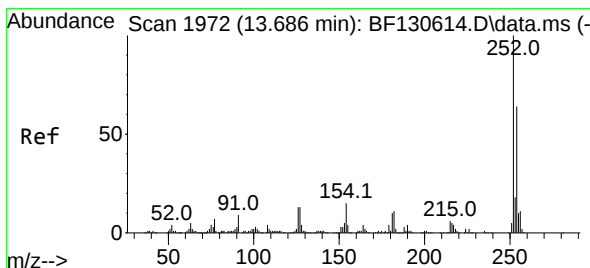
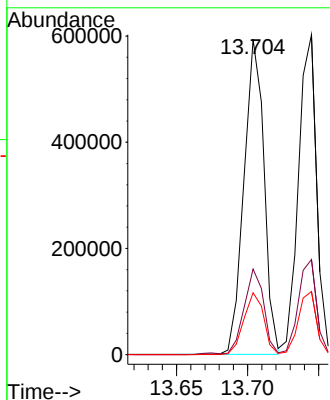
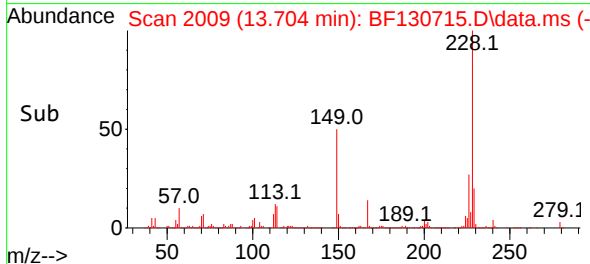
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



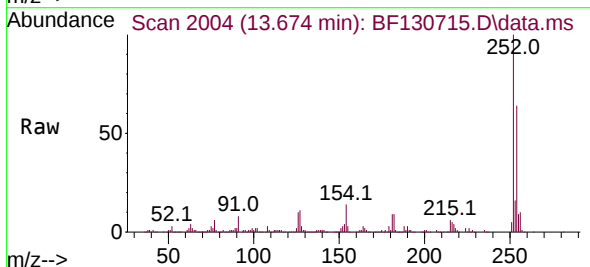
Tgt Ion:228 Resp: 581278
Ion Ratio Lower Upper
228 100
226 27.1 21.4 32.2
229 19.6 15.8 23.8

Manual Integrations
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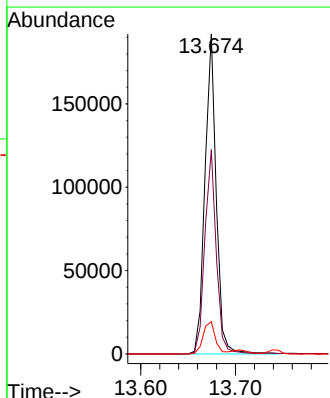
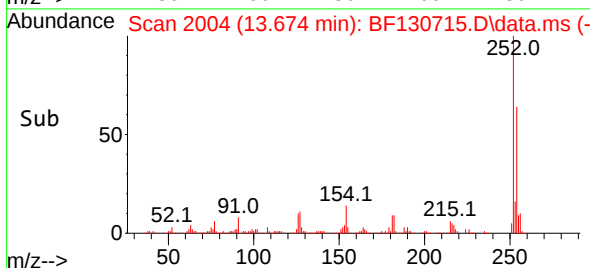
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

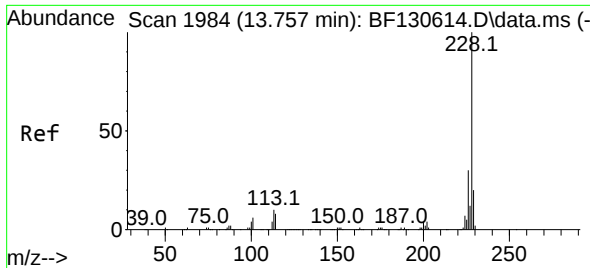


#82
3,3'-Dichlorobenzidine
Concen: 42.100 ng
RT: 13.674 min Scan# 2004
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



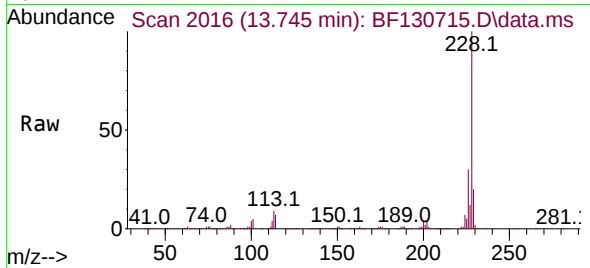
Tgt Ion:252 Resp: 159546
Ion Ratio Lower Upper
252 100
254 63.8 50.9 76.3
126 10.1 10.2 15.4





#83
Chrysene
Concen: 43.195 ng
RT: 13.745 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

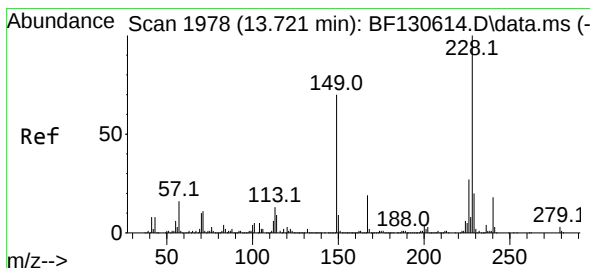
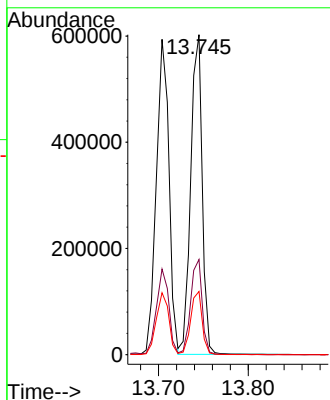
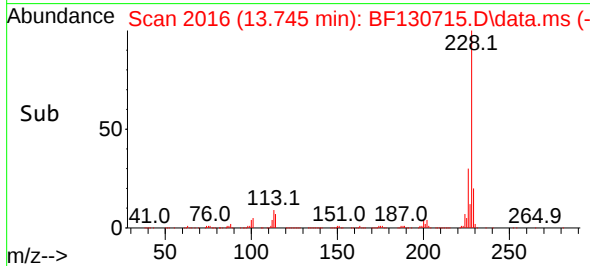
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:228 Resp: 537091
Ion Ratio Lower Upper
228 100
226 29.7 23.9 35.9
229 19.7 15.9 23.9

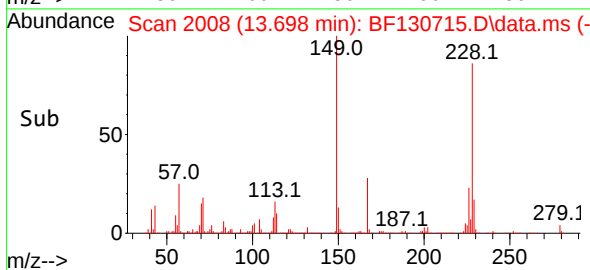
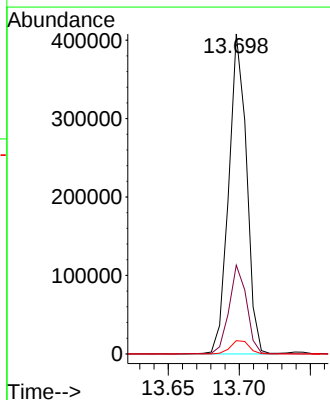
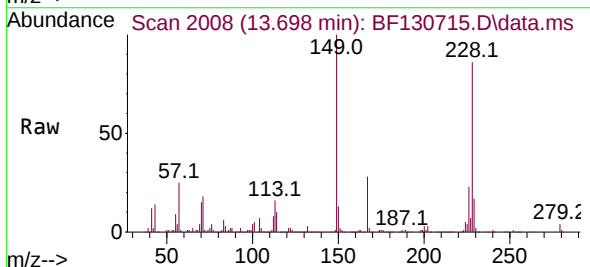
Manual Integrations
APPROVED

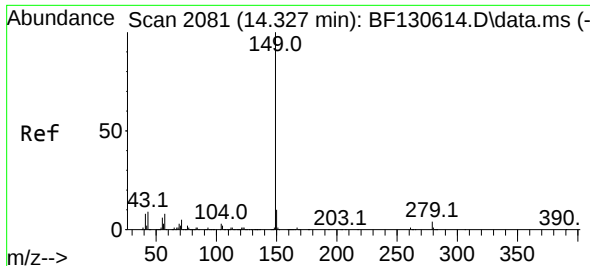
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 45.325 ng
RT: 13.698 min Scan# 2008
Delta R.T. -0.012 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

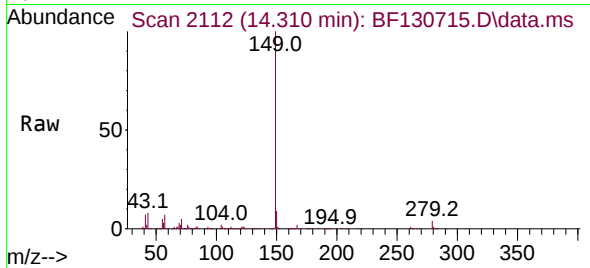
Tgt Ion:149 Resp: 354781
Ion Ratio Lower Upper
149 100
167 27.7 21.9 32.9
279 4.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 40.178 ng
RT: 14.310 min Scan# 2112
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

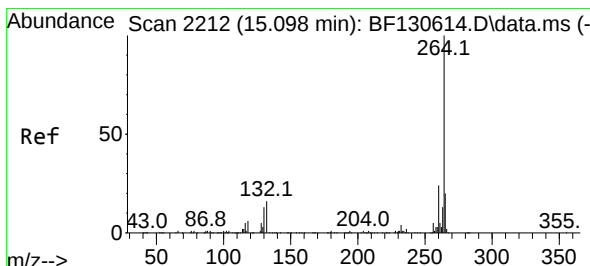
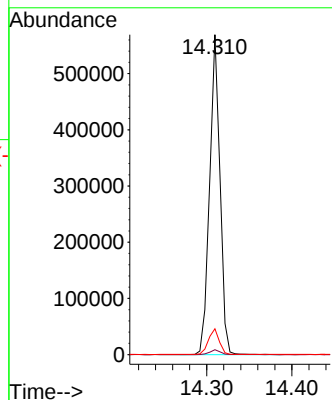
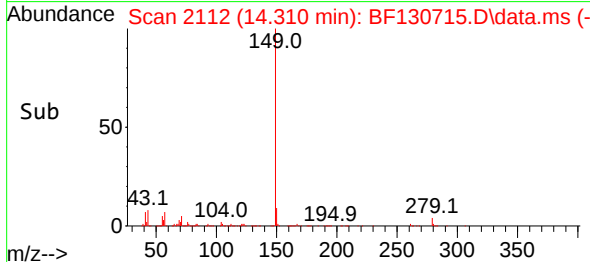
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:149 Resp: 481641
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 8.3 7.2 10.8

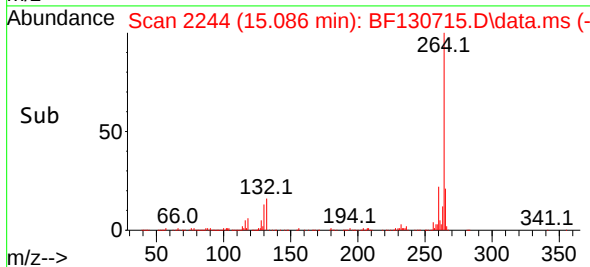
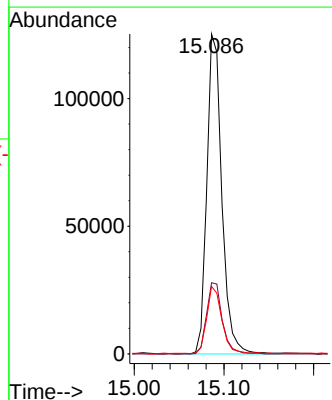
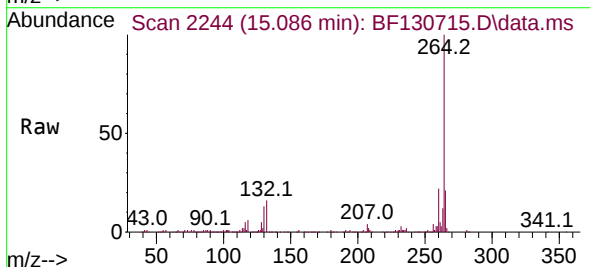
Manual Integrations
APPROVED

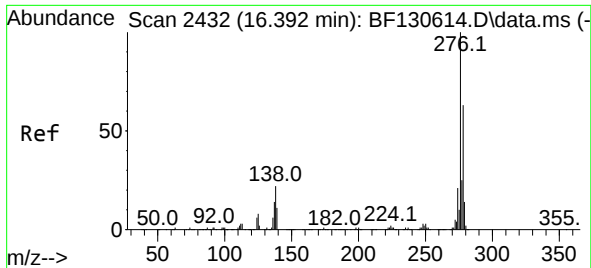
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.086 min Scan# 2244
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

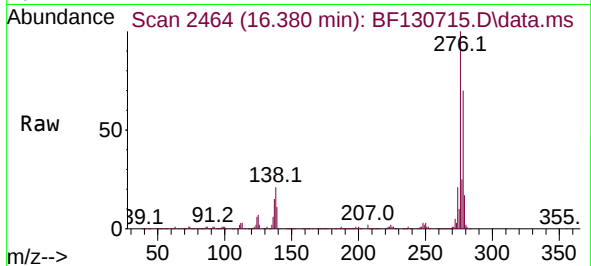
Tgt Ion:264 Resp: 145668
Ion Ratio Lower Upper
264 100
260 22.2 19.1 28.7
265 21.1 16.4 24.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.666 ng
RT: 16.380 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

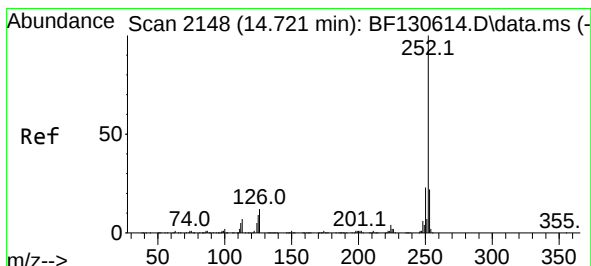
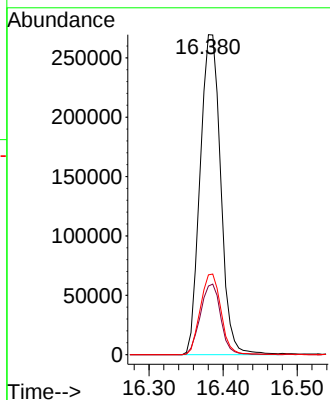
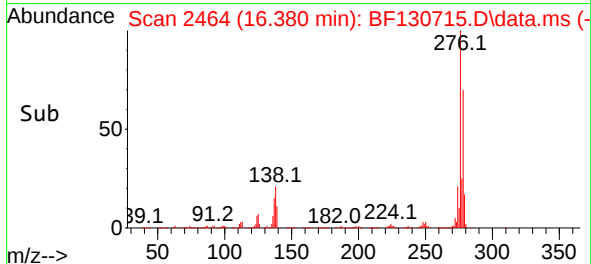
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



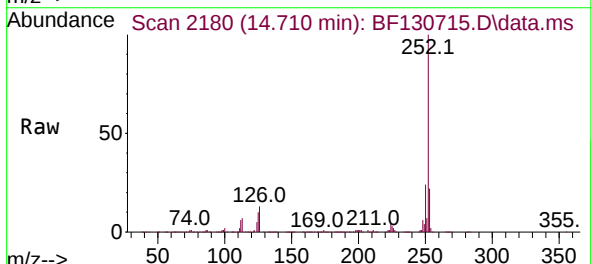
Tgt Ion:276 Resp: 519688
Ion Ratio Lower Upper
276 100
138 21.8 18.0 27.0
277 25.2 20.0 30.0

Manual Integrations
APPROVED

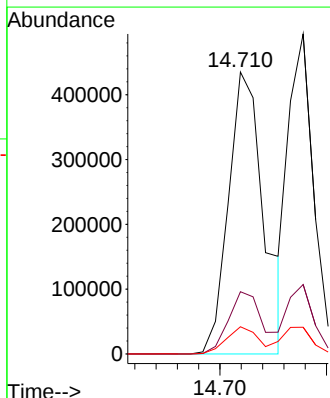
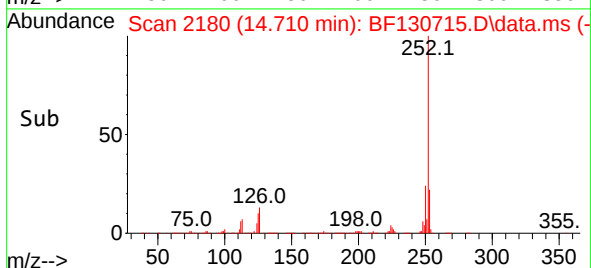
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022

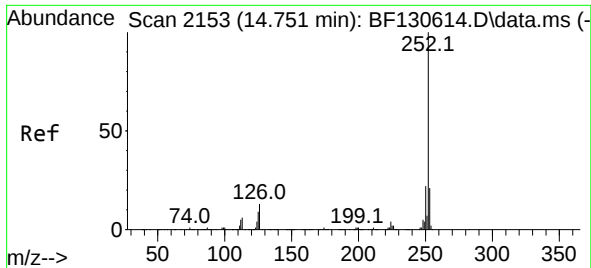


#88
Benzo(b)fluoranthene
Concen: 54.353 ng
RT: 14.710 min Scan# 2180
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26



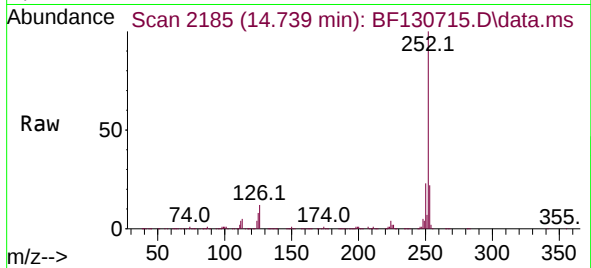
Tgt Ion:252 Resp: 501349
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 9.6 7.4 11.0





#89
Benzo(k)fluoranthene
Concen: 43.695 ng
RT: 14.739 min Scan# 2153
Delta R.T. -0.000 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

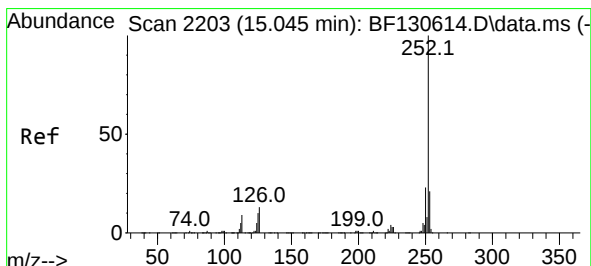
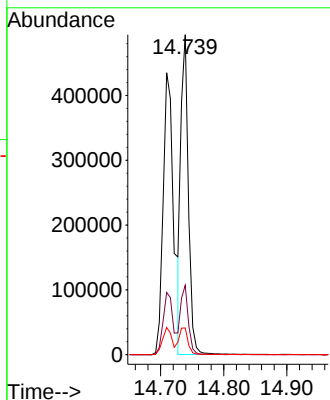
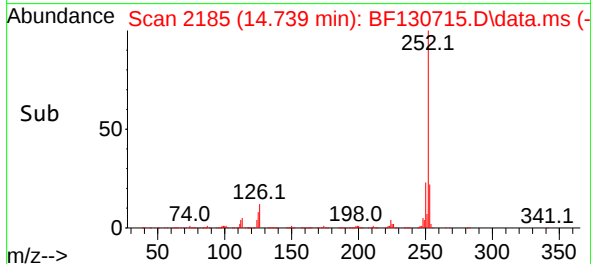
Instrument :
BNA_F
ClientSampleId :
PB148423BSD



Tgt Ion:252 Resp: 410385
Ion Ratio Lower Upper
252 100
253 21.7 17.0 25.4
125 8.3 7.2 10.8

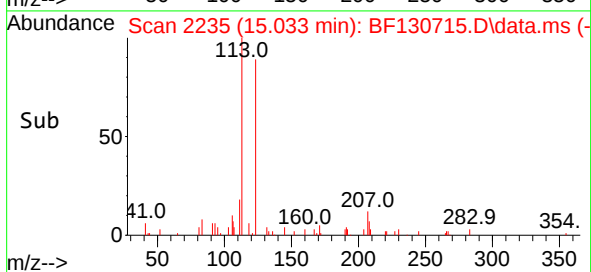
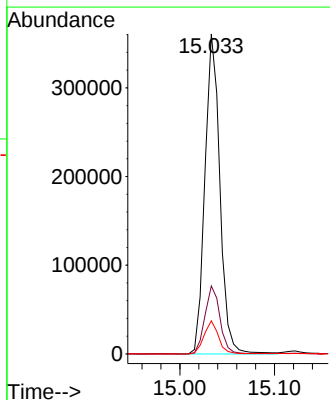
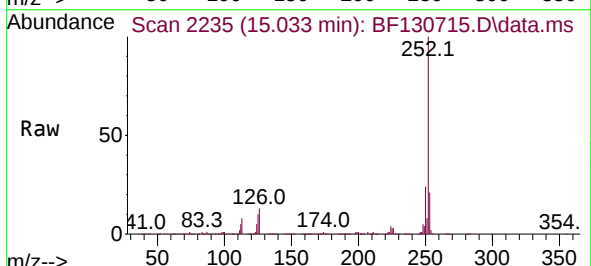
Manual Integrations
APPROVED

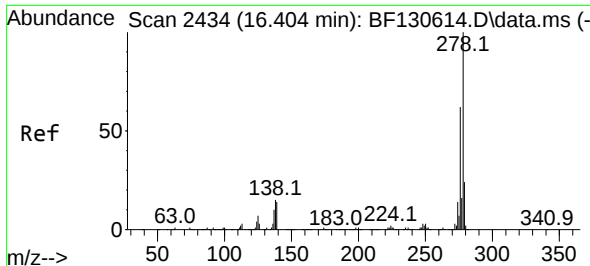
Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#90
Benzo(a)pyrene
Concen: 51.728 ng
RT: 15.033 min Scan# 2235
Delta R.T. -0.006 min
Lab File: BF130715.D
Acq: 19 Oct 2022 17:26

Tgt Ion:252 Resp: 397114
Ion Ratio Lower Upper
252 100
253 21.2 17.0 25.6
125 10.3 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 50.676 ng

RT: 16.392 min Scan# 2434

Delta R.T. -0.000 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Instrument :

BNA_F

ClientSampleId :

PB148423BSD

Tgt Ion:278 Resp: 452883

Ion Ratio Lower Upper

278 100

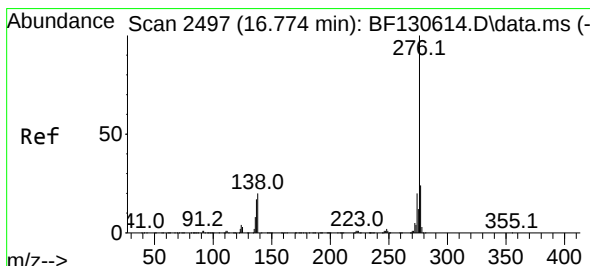
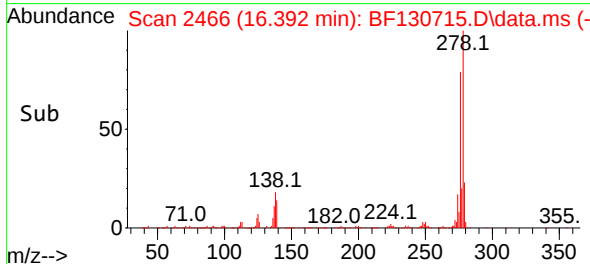
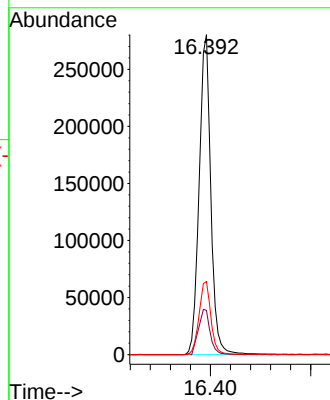
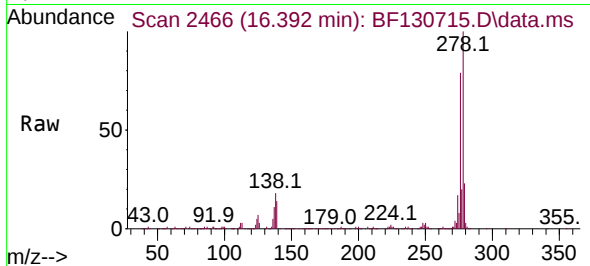
139 13.8 11.1 16.7

279 22.8 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 10/20/2022
Supervised By :mohammad ahmed 10/20/2022



#92

Benzo(g,h,i)perylene

Concen: 55.039 ng

RT: 16.768 min Scan# 2530

Delta R.T. -0.000 min

Lab File: BF130715.D

Acq: 19 Oct 2022 17:26

Tgt Ion:276 Resp: 458125

Ion Ratio Lower Upper

276 100

277 24.7 18.9 28.3

138 19.5 15.9 23.9

