

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
 Data File : BF131260.D
 Acq On : 16 Nov 2022 12:23
 Operator : CG\JU
 Sample : PB148898BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB148898BS

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 11/17/2022
 Supervised By : mohammad ahmed 11/17/2022

Quant Time: Nov 16 22:13:17 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 16 06:35:36 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.975	152	95509	20.000	ng	0.00
21) Naphthalene-d8	8.269	136	347686	20.000	ng	0.00
39) Acenaphthene-d10	10.033	164	197310	20.000	ng	0.00
64) Phenanthrene-d10	11.527	188	366898	20.000	ng	0.00
76) Chrysene-d12	14.186	240	252563	20.000	ng	0.00
86) Perylene-d12	15.727	264	191277	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.592	112	733138	135.925	ng	0.02
7) Phenol-d6	6.592	99	918507	134.452	ng	0.00
23) Nitrobenzene-d5	7.545	82	591766	95.534	ng	0.00
42) 2,4,6-Tribromophenol	10.827	330	264406	140.289	ng	0.00
45) 2-Fluorobiphenyl	9.351	172	1106026	82.032	ng	0.00
79) Terphenyl-d14	13.127	244	1358916	92.398	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.887	88	91140	36.882	ng	98
3) Pyridine	3.628	79	240427	34.422	ng	99
4) n-Nitrosodimethylamine	3.604	42	179714	44.144	ng	96
6) Aniline	6.634	93	247238m	28.853	ng	
8) 2-Chlorophenol	6.757	128	269894	44.514	ng	99
9) Benzaldehyde	6.522	77	48390	9.765	ng	95
10) Phenol	6.604	94	321923	42.124	ng	95
11) bis(2-Chloroethyl)ether	6.710	93	252994	42.280	ng	99
12) 1,3-Dichlorobenzene	6.916	146	286887	41.824	ng	99
13) 1,4-Dichlorobenzene	6.992	146	288387	41.572	ng	98
14) 1,2-Dichlorobenzene	7.145	146	281043	43.833	ng	99
15) Benzyl Alcohol	7.116	79	216393m	36.467	ng	
16) 2,2'-oxybis(1-Chloropr...	7.245	45	488372	43.331	ng	100
17) 2-Methylphenol	7.222	107	225436	43.553	ng	98
18) Hexachloroethane	7.492	117	109721	43.507	ng	93
19) n-Nitroso-di-n-propyla...	7.392	70	201333	42.294	ng	97
20) 3+4-Methylphenols	7.375	107	281046	41.976	ng	# 88
22) Acetophenone	7.386	105	388003	42.811	ng	# 99
24) Nitrobenzene	7.563	77	304446	45.528	ng	98
25) Isophorone	7.798	82	542768	43.861	ng	98
26) 2-Nitrophenol	7.881	139	121688	45.647	ng	97
27) 2,4-Dimethylphenol	7.910	122	276784	54.644	ng	98
28) bis(2-Chloroethoxy)met...	8.010	93	310943	44.567	ng	99
29) 2,4-Dichlorophenol	8.116	162	230507	42.081	ng	99
30) 1,2,4-Trichlorobenzene	8.204	180	264080	41.119	ng	99
31) Naphthalene	8.286	128	746946	39.653	ng	98
32) Benzoic acid	8.028	122	142380m	40.080	ng	
33) 4-Chloroaniline	8.333	127	93788	12.648	ng	95
34) Hexachlorobutadiene	8.404	225	168645	41.490	ng	98
35) Caprolactam	8.704	113	73405m	45.346	ng	
36) 4-Chloro-3-methylphenol	8.816	107	249172	43.215	ng	95
37) 2-Methylnaphthalene	8.986	142	505084	40.260	ng	100
38) 1-Methylnaphthalene	9.086	142	477413	39.245	ng	100
40) 1,2,4,5-Tetrachloroben...	9.145	216	261117	41.102	ng	99
41) Hexachlorocyclopentadiene	9.133	237	334084	102.602	ng	97
43) 2,4,6-Trichlorophenol	9.257	196	150936	36.340	ng	99

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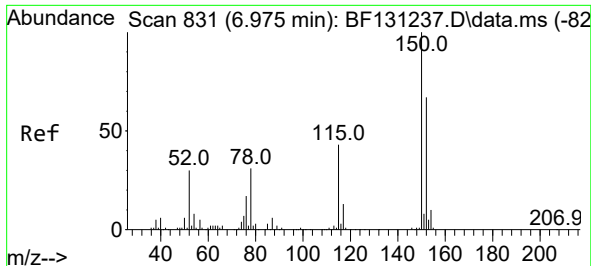
Manual Integrations
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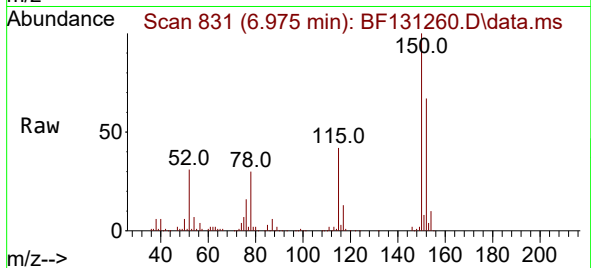
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	198893	44.624	ng	99
46) 1,1'-Biphenyl	9.451	154	634132	41.807	ng	99
47) 2-Chloronaphthalene	9.475	162	501204	40.790	ng	99
48) 2-Nitroaniline	9.569	65	180296	45.919	ng	97
49) Acenaphthylene	9.898	152	770644	41.072	ng	99
50) Dimethylphthalate	9.751	163	586890	41.538	ng	99
51) 2,6-Dinitrotoluene	9.816	165	126755	45.876	ng	96
52) Acenaphthene	10.069	154	519010	44.314	ng	99
53) 3-Nitroaniline	9.980	138	67545	24.254	ng	94
54) 2,4-Dinitrophenol	10.092	184	108626	84.621	ng	97
55) Dibenzofuran	10.245	168	678292	40.422	ng	99
56) 4-Nitrophenol	10.139	139	181744	81.755	ng	96
57) 2,4-Dinitrotoluene	10.222	165	160002	46.634	ng	94
58) Fluorene	10.586	166	537587	40.713	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.351	232	163954	43.422	ng	99
60) Diethylphthalate	10.457	149	561502	42.043	ng	99
61) 4-Chlorophenyl-phenyle...	10.580	204	270807	41.477	ng	95
62) 4-Nitroaniline	10.610	138	119845	41.386	ng	97
63) Azobenzene	10.739	77	572055	40.911	ng	99
65) 4,6-Dinitro-2-methylph...	10.627	198	64663	40.651	ng	88
66) n-Nitrosodiphenylamine	10.698	169	474577	40.713	ng	99
67) 4-Bromophenyl-phenylether	11.074	248	181967	42.240	ng	# 91
68) Hexachlorobenzene	11.133	284	195299	41.832	ng	96
69) Atrazine	11.227	200	162557	42.545	ng	97
70) Pentachlorophenol	11.327	266	218257m	80.096	ng	
71) Phenanthrene	11.557	178	809775	39.992	ng	99
72) Anthracene	11.610	178	835581	42.243	ng	99
73) Carbazole	11.763	167	736253	41.583	ng	99
74) Di-n-butylphthalate	12.092	149	860411	41.755	ng	100
75) Fluoranthene	12.751	202	916521	41.042	ng	99
77) Benzidine	12.874	184	187141	34.577	ng	98
78) Pyrene	12.986	202	935783	42.982	ng	99
80) Butylbenzylphthalate	13.604	149	345600	46.840	ng	99
81) Benzo(a)anthracene	14.180	228	728159	41.484	ng	99
82) 3,3'-Dichlorobenzidine	14.139	252	164402	32.009	ng	98
83) Chrysene	14.215	228	685376	40.082	ng	99
84) Bis(2-ethylhexyl)phtha...	14.162	149	434718	46.847	ng	99
85) Di-n-octyl phthalate	14.792	149	598938	45.674	ng	99
87) Indeno(1,2,3-cd)pyrene	17.321	276	550707	43.581	ng	99
88) Benzo(b)fluoranthene	15.274	252	578520	43.319	ng	99
89) Benzo(k)fluoranthene	15.304	252	570999	43.130	ng	99
90) Benzo(a)pyrene	15.668	252	488163	45.728	ng	99
91) Dibenzo(a,h)anthracene	17.345	278	472400	45.566	ng	99
92) Benzo(g,h,i)perylene	17.803	276	450347	39.500	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

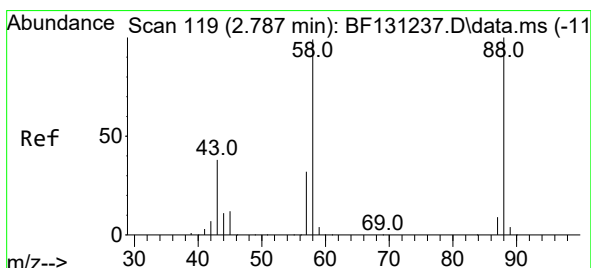
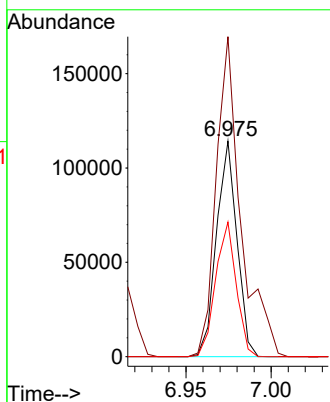
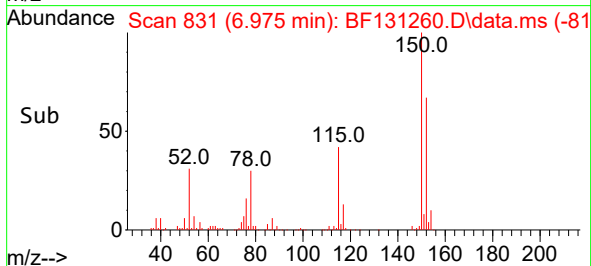
Instrument :
BNA_F
ClientSampleId :
PB148898BS



Tgt Ion:152 Resp: 95509
Ion Ratio Lower Upper
152 100
150 148.5 120.2 180.4
115 62.4 51.8 77.8

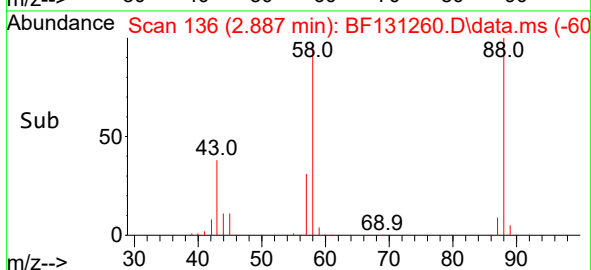
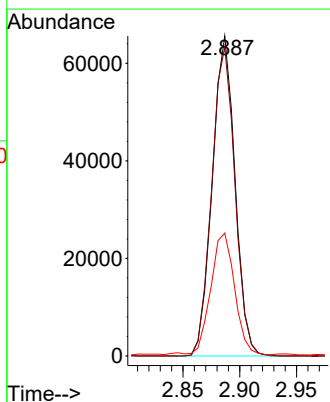
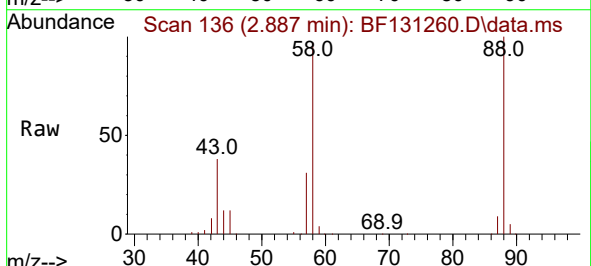
Manual Integrations
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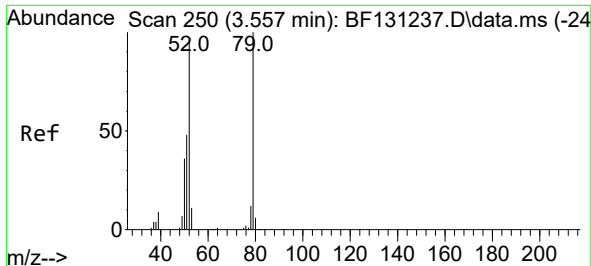
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#2
1,4-Dioxane
Concen: 36.882 ng
RT: 2.887 min Scan# 136
Delta R.T. 0.100 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

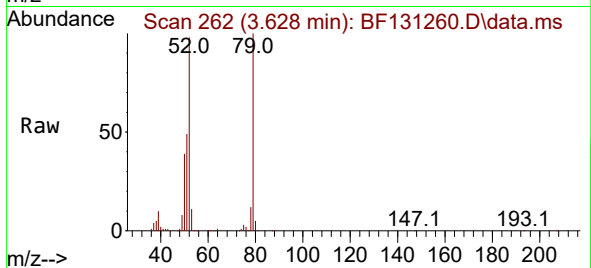
Tgt Ion: 88 Resp: 91140
Ion Ratio Lower Upper
88 100
58 98.6 77.1 115.7
43 39.9 31.3 46.9





#3
Pyridine
Concen: 34.422 ng
RT: 3.628 min Scan# 204
Delta R.T. 0.070 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

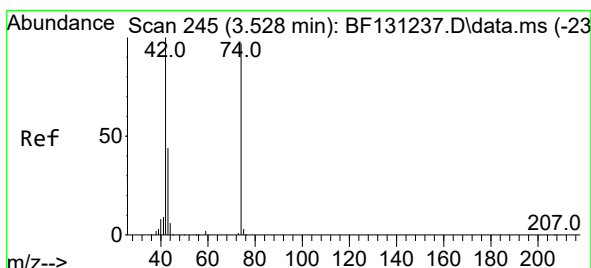
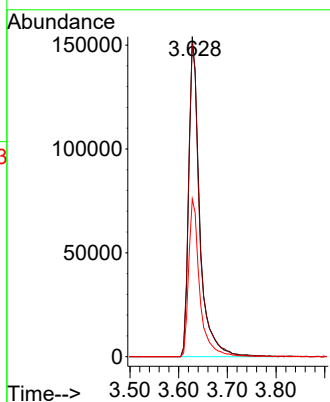
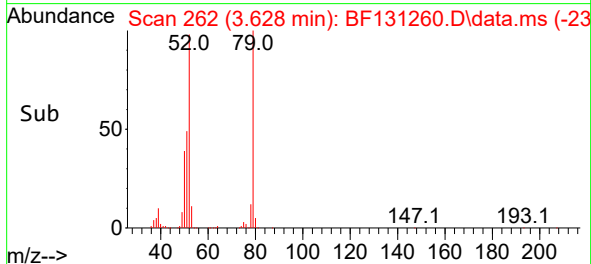
Instrument :
BNA_F
ClientSampleId :
PB148898BS



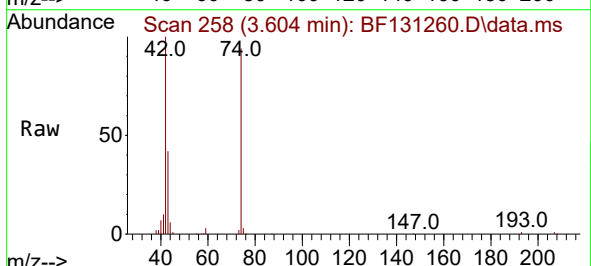
Tgt Ion: 79 Resp: 24042
Ion Ratio Lower Upper
79 100
52 98.0 77.7 116.5
51 49.3 38.7 58.1

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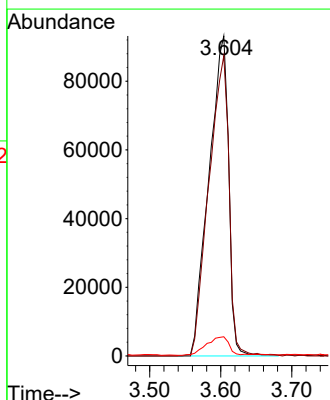
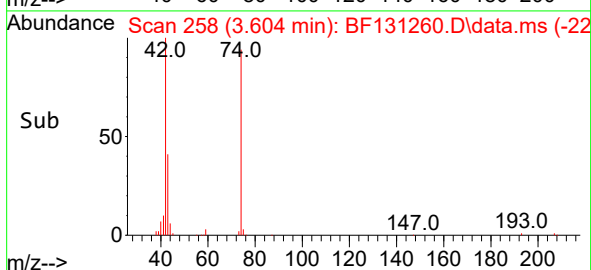
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Supervised By :mohammad ahmed 11/17/2022

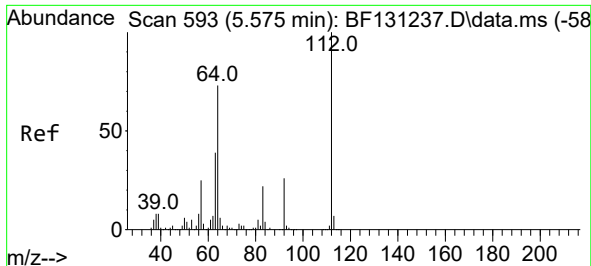


#4
n-Nitrosodimethylamine
Concen: 44.144 ng
RT: 3.604 min Scan# 258
Delta R.T. 0.076 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion: 42 Resp: 179714
Ion Ratio Lower Upper
42 100
74 93.8 77.8 116.6
44 6.0 5.9 8.9





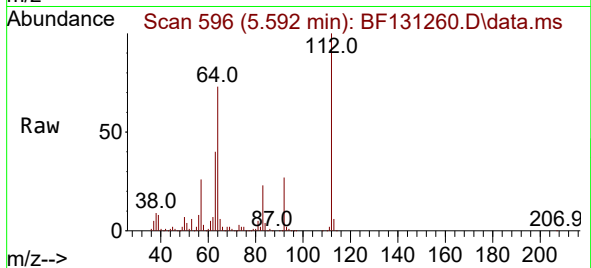
#5
2-Fluorophenol
Concen: 135.925 ng
RT: 5.592 min Scan# 593
Delta R.T. 0.017 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

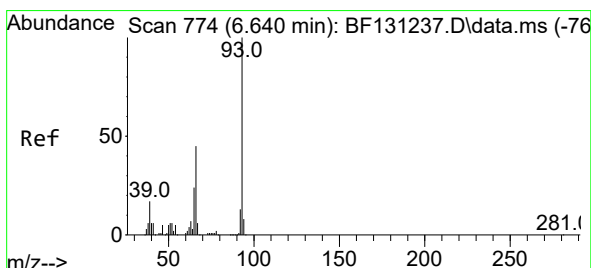
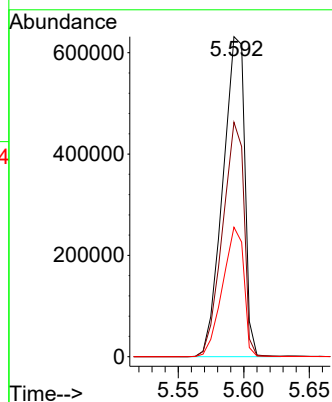
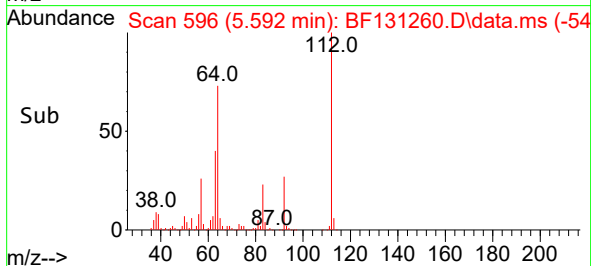


Tgt Ion:112 Resp: 733138
Ion Ratio Lower Upper
112 100
64 73.3 58.4 87.6
63 40.4 31.6 47.4

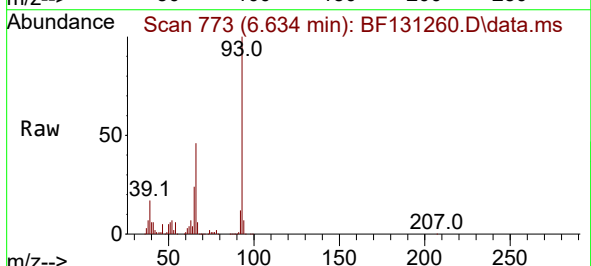
Manual Integrations

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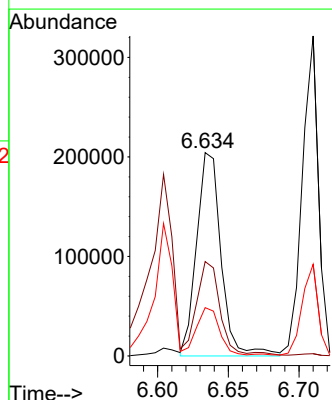
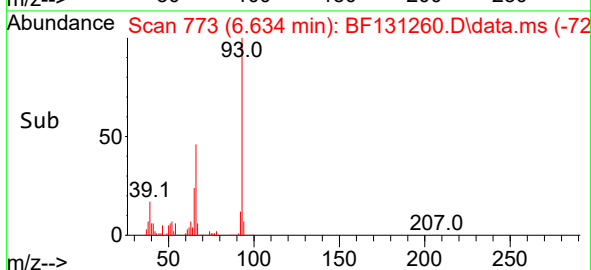
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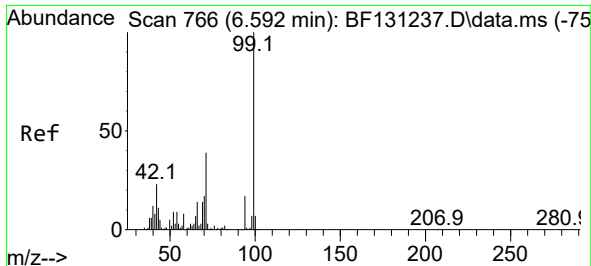


#6
Aniline
Concen: 28.853 ng m
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



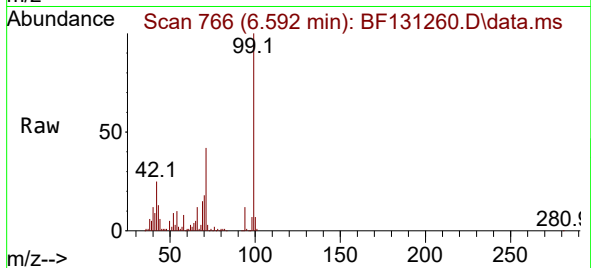
Tgt Ion: 93 Resp: 247238
Ion Ratio Lower Upper
93 100
66 46.4 36.6 55.0
65 23.8 19.3 28.9





#7
Phenol-d6
Concen: 134.452 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

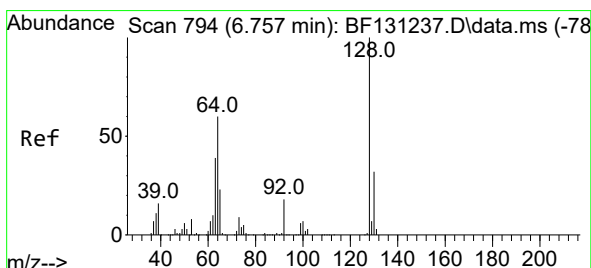
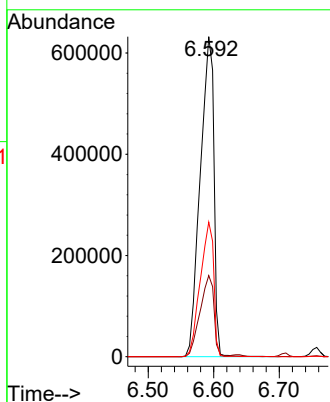
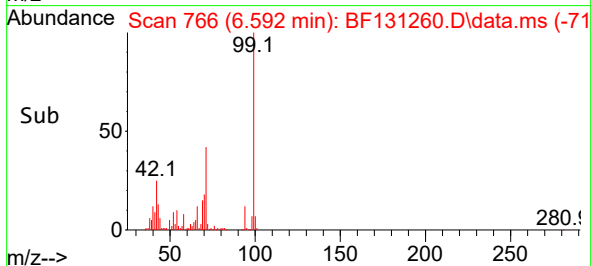
Instrument :
BNA_F
ClientSampleId :
PB148898BS



Tgt Ion: 99 Resp: 91850
Ion Ratio Lower Upper
99 100
42 25.4 18.6 28.0
71 42.1 31.1 46.7

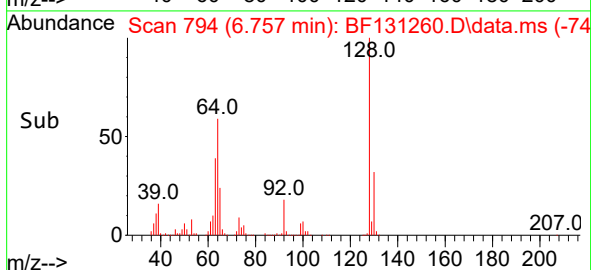
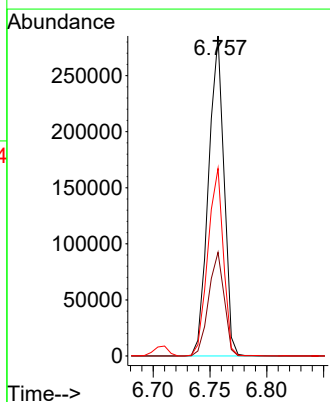
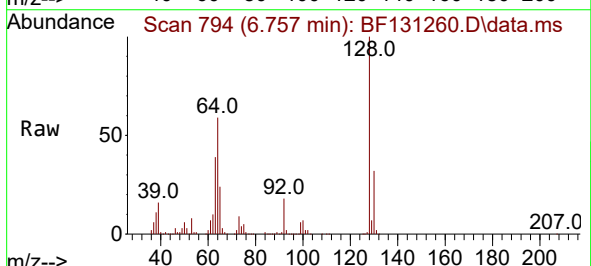
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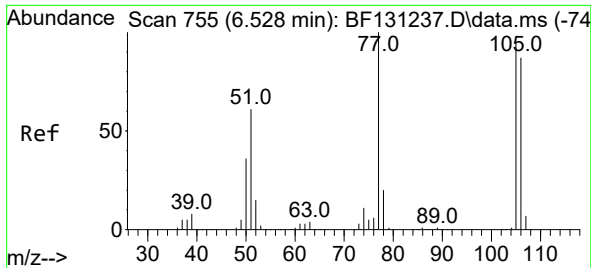
Reviewed By :Christian Giraldo 11/17/2022
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#8
2-Chlorophenol
Concen: 44.514 ng
RT: 6.757 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

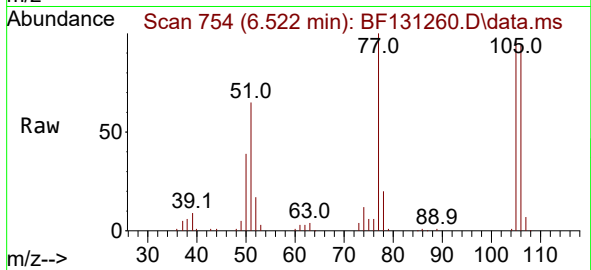
Tgt Ion:128 Resp: 269894
Ion Ratio Lower Upper
128 100
130 32.4 12.2 52.2
64 58.6 40.1 80.1





#9
Benzaldehyde
Concen: 9.765 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

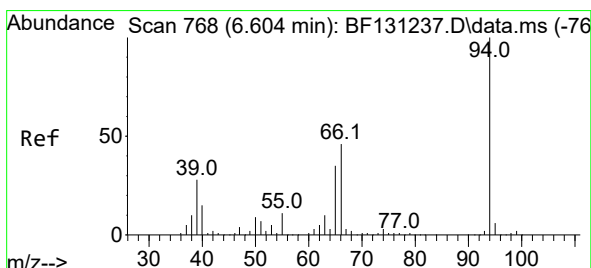
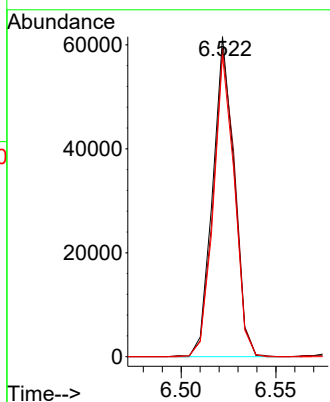
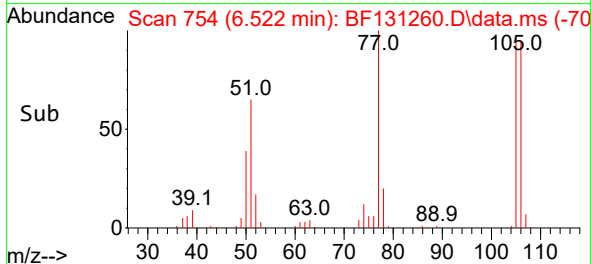
Instrument :
BNA_F
ClientSampleId :
PB148898BS



Tgt Ion: 77 Resp: 48390
Ion Ratio Lower Upper
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105 96.5 74.8 114.8
106 94.3 67.3 107.3

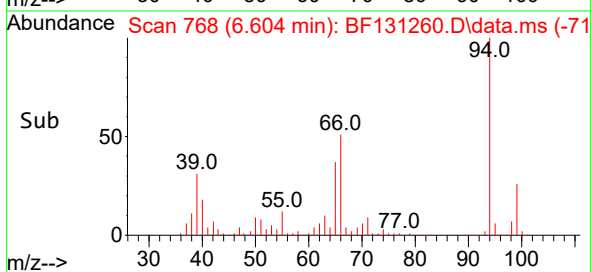
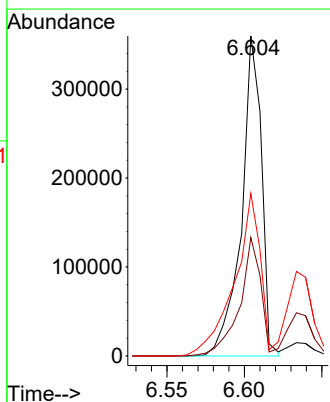
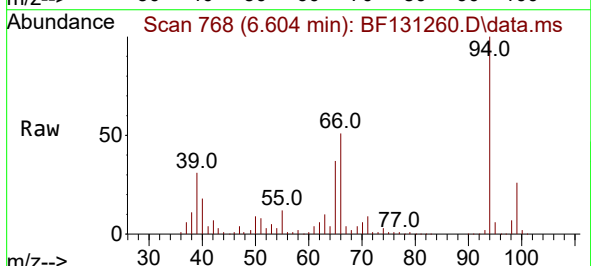
Manual Integrations
APPROVED

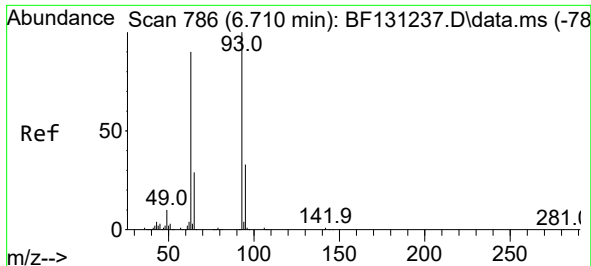
Reviewed By :Christian Giraldo 11/17/2022
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#10
Phenol
Concen: 42.124 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion: 94 Resp: 321923
Ion Ratio Lower Upper
94 100
65 37.0 14.8 54.8
66 50.7 26.5 66.5





#11

bis(2-Chloroethyl)ether

Concen: 42.280 ng

RT: 6.710 min Scan# 786

Delta R.T. -0.000 min

Lab File: BF131260.D

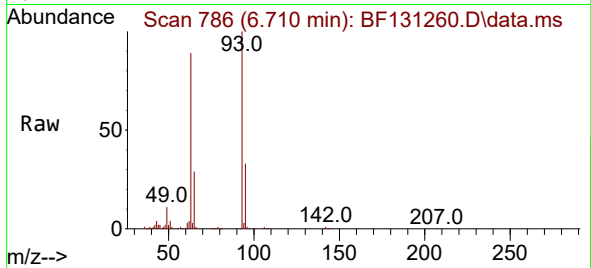
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS



Tgt Ion: 93 Resp: 252994

Ion Ratio Lower Upper

93 100

63 89.5 69.8 109.8

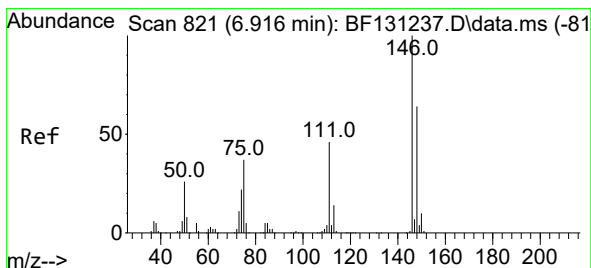
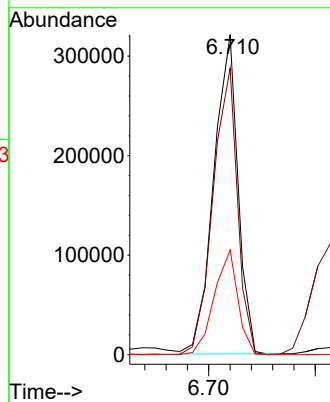
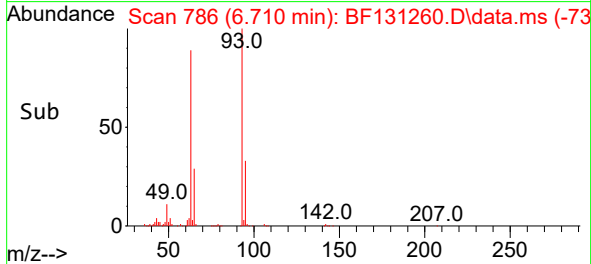
95 32.7 13.4 53.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022

Supervised By :mohammad ahmed 11/17/2022



#12

1,3-Dichlorobenzene

Concen: 41.824 ng

RT: 6.916 min Scan# 821

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

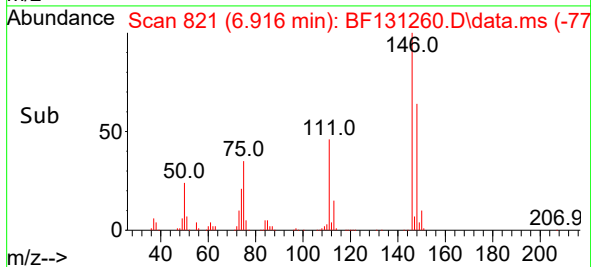
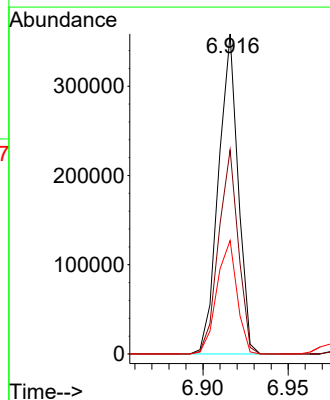
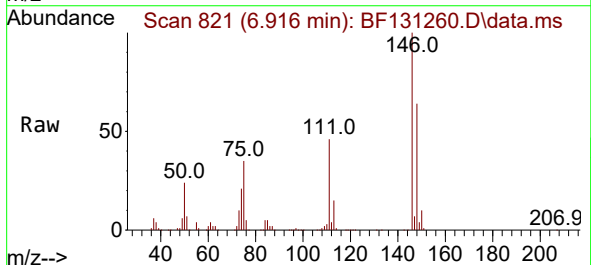
Tgt Ion:146 Resp: 286887

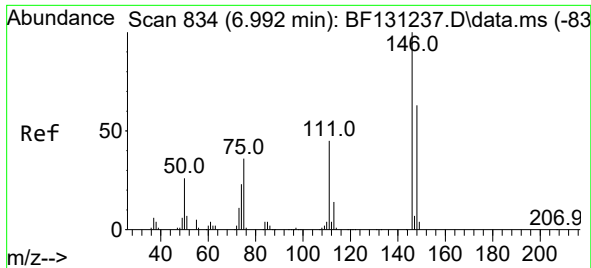
Ion Ratio Lower Upper

146 100

148 63.8 51.0 76.6

75 35.5 29.2 43.8





#13

1,4-Dichlorobenzene

Concen: 41.572 ng

RT: 6.992 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

Tgt Ion:146 Resp: 28838

Ion Ratio Lower Upper

146 100

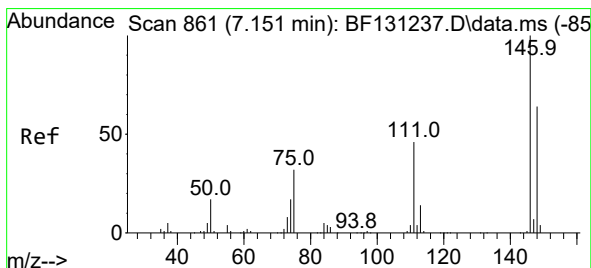
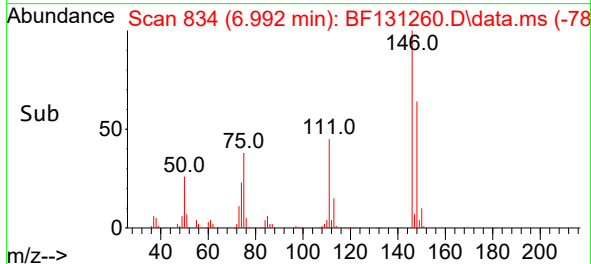
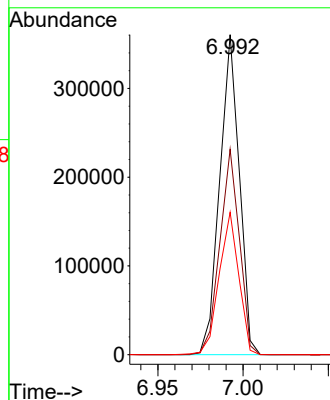
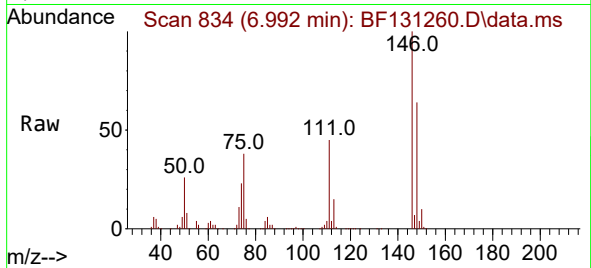
148 64.2 50.1 75.1

111 44.5 36.3 54.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#14

1,2-Dichlorobenzene

Concen: 43.833 ng

RT: 7.145 min Scan# 860

Delta R.T. -0.006 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

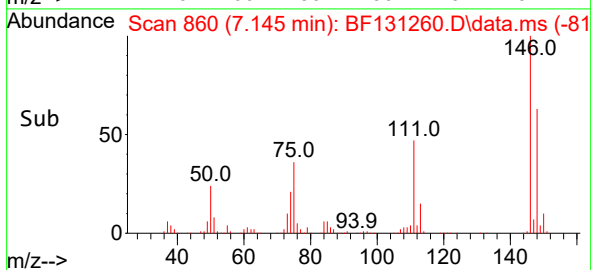
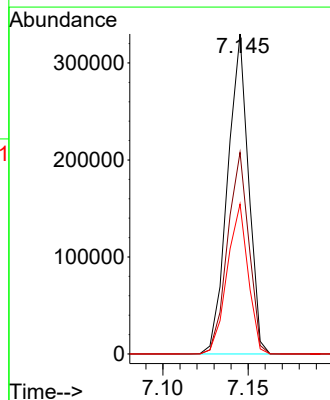
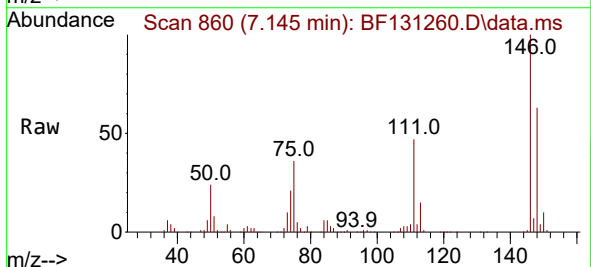
Tgt Ion:146 Resp: 281043

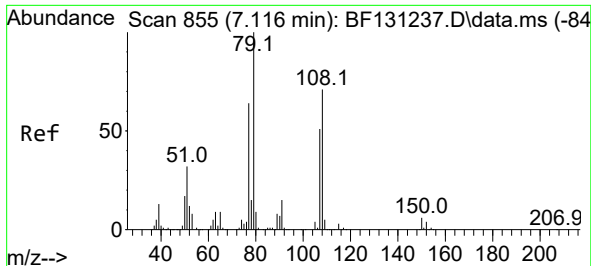
Ion Ratio Lower Upper

146 100

148 63.0 51.0 76.6

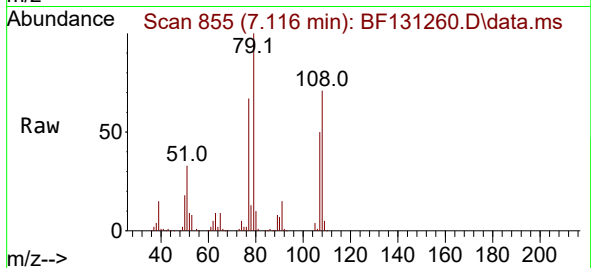
111 46.8 36.9 55.3





#15
Benzyl Alcohol
Concen: 36.467 ng m
RT: 7.116 min Scan# 855
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

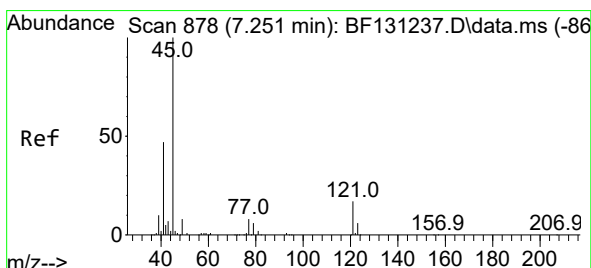
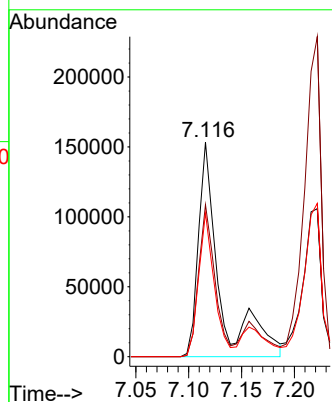
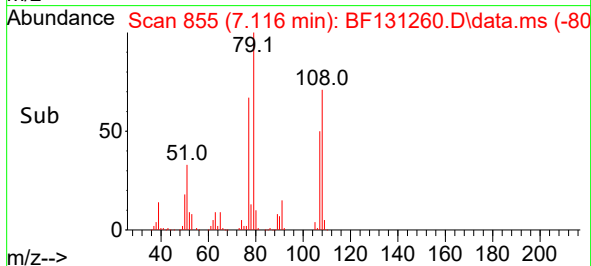
Instrument :
BNA_F
ClientSampleId :
PB148898BS



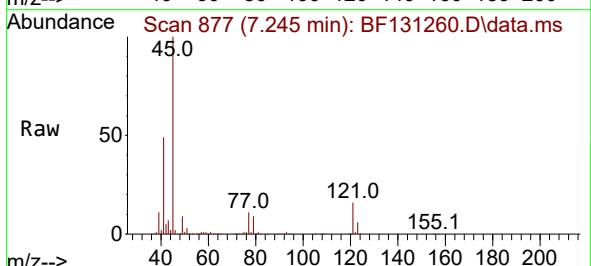
Tgt Ion: 79 Resp: 21639
Ion Ratio Lower Upper
79 100
108 70.8 56.7 85.1
77 66.9 51.4 77.2

Manual Integrations
APPROVED

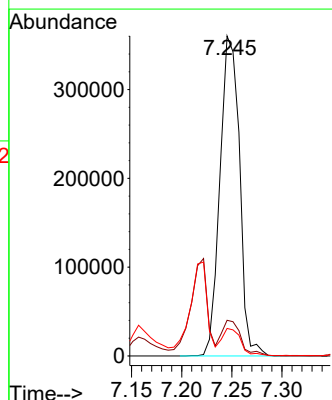
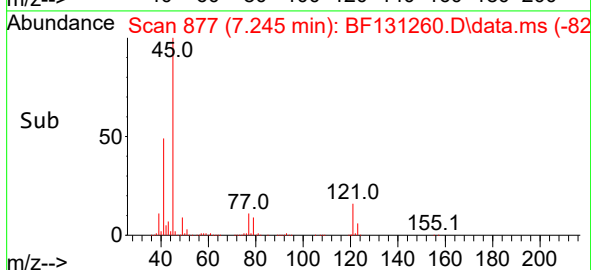
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

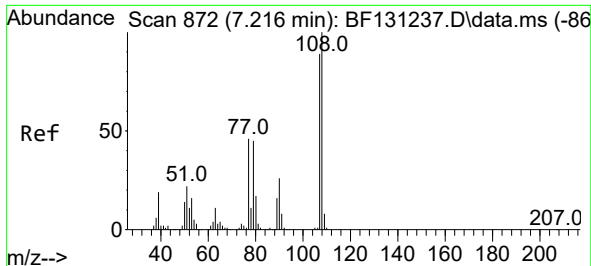


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.331 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



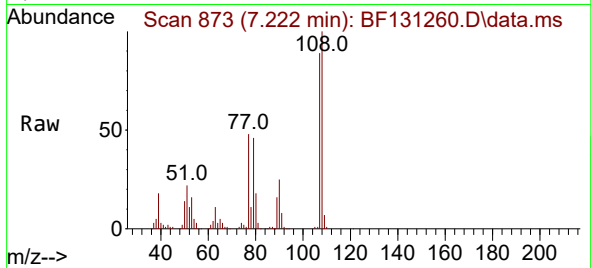
Tgt Ion: 45 Resp: 488372
Ion Ratio Lower Upper
45 100
77 11.1 0.0 31.0
79 8.6 0.0 28.5





#17
2-Methylphenol
Concen: 43.553 ng
RT: 7.222 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

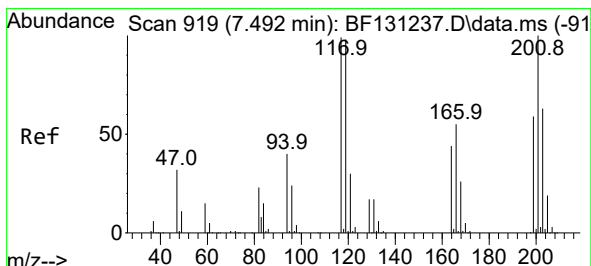
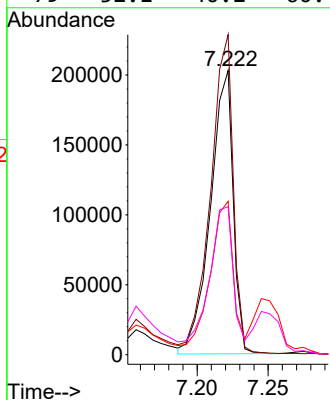
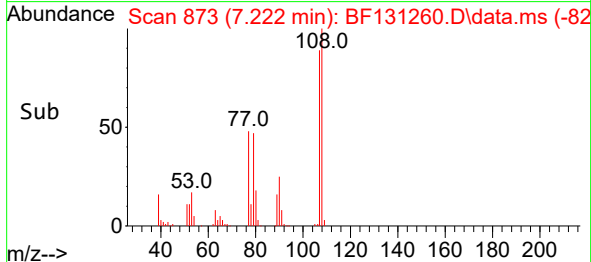
Instrument :
BNA_F
ClientSampleId :
PB148898BS



Tgt Ion:107 Resp: 225430
Ion Ratio Lower Upper
107 100
108 112.6 89.8 134.6
77 54.0 41.4 62.0
79 52.1 40.2 60.4

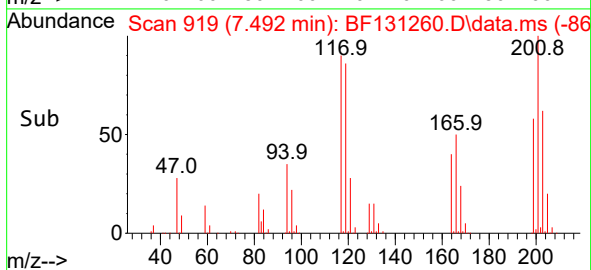
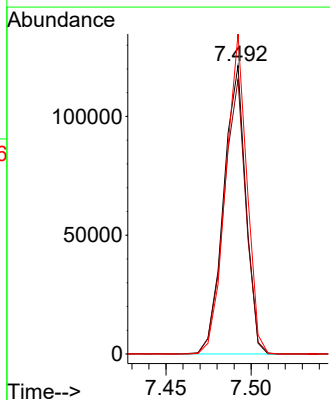
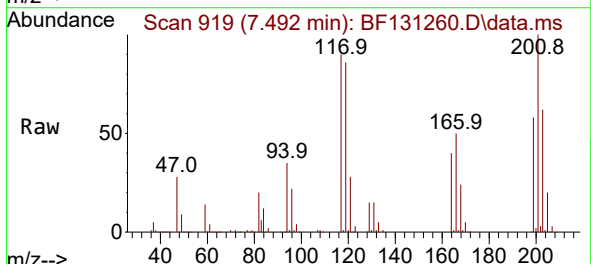
Manual Integrations
APPROVED

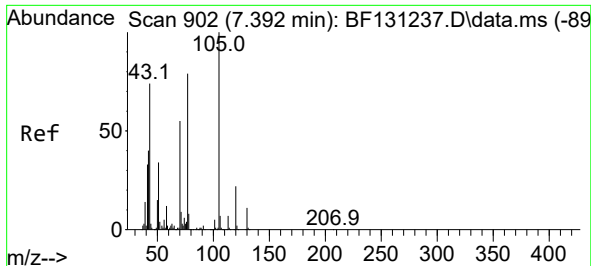
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#18
Hexachloroethane
Concen: 43.507 ng
RT: 7.492 min Scan# 919
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:117 Resp: 109721
Ion Ratio Lower Upper
117 100
119 95.2 79.0 118.6
201 110.9 80.9 121.3





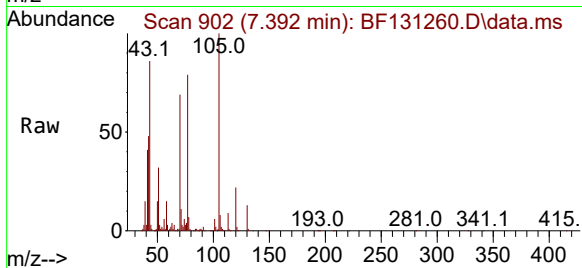
#19
n-Nitroso-di-n-propylamine
Concen: 42.294 ng
RT: 7.392 min Scan# 902
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

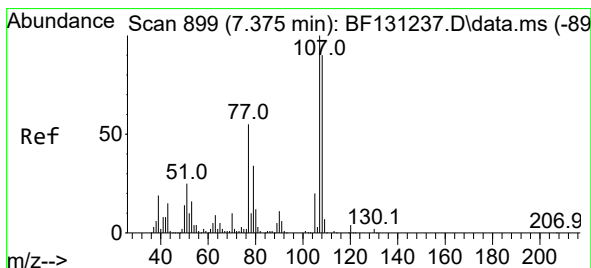
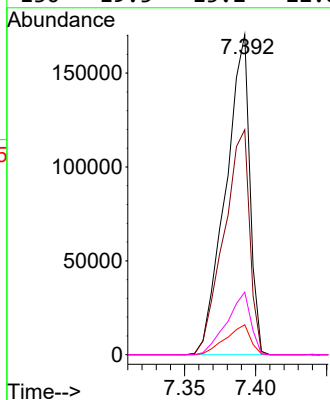
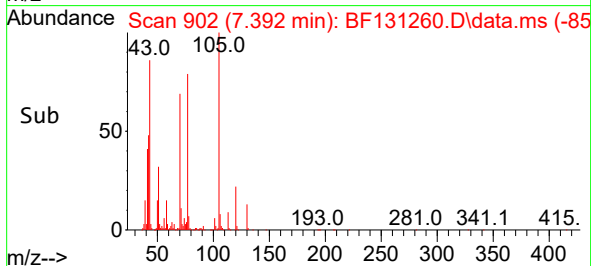
PB148898BS



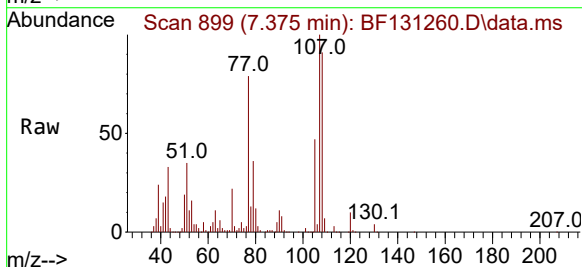
Tgt Ion: 70 Resp: 20133
Ion Ratio Lower Upper
70 100
42 70.3 58.3 87.5
101 9.4 7.2 10.8
130 19.5 15.2 22.8

Manual Integrations
APPROVED

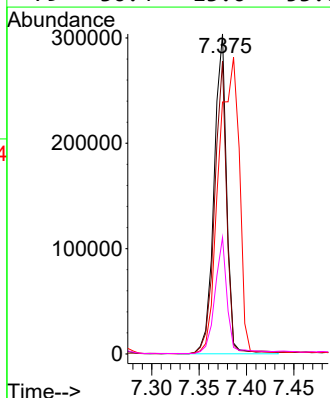
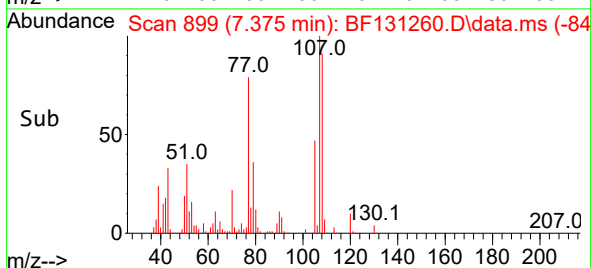
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

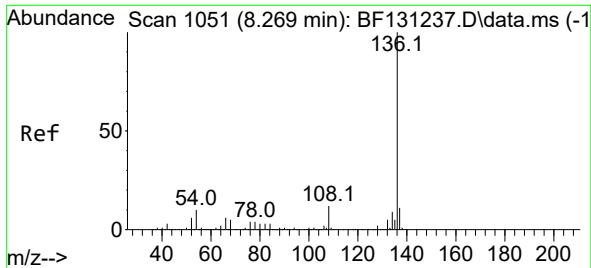


#20
3+4-Methylphenols
Concen: 41.976 ng
RT: 7.375 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:107 Resp: 281046
Ion Ratio Lower Upper
107 100
108 91.4 69.5 109.5
77 78.7 35.3 75.3#
79 36.4 13.6 53.6





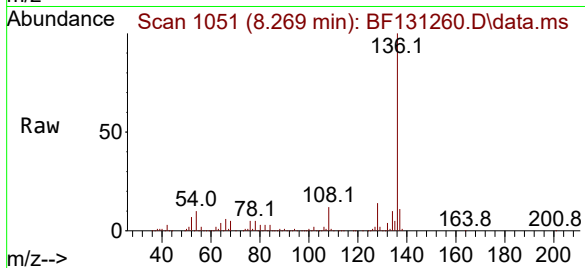
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.269 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

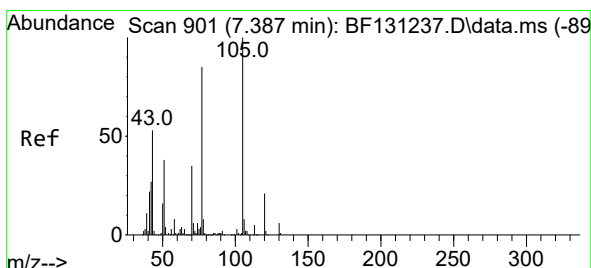
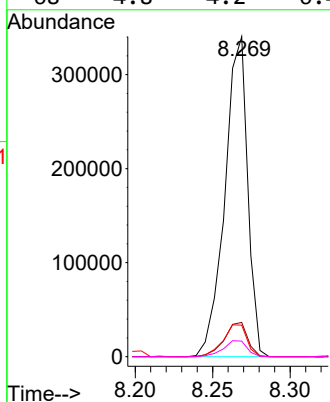
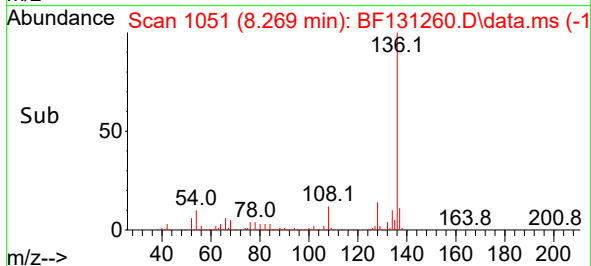


Tgt Ion:136 Resp: 347680
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 9.8 7.8 11.8
68 4.8 4.2 6.4

Manual Integrations

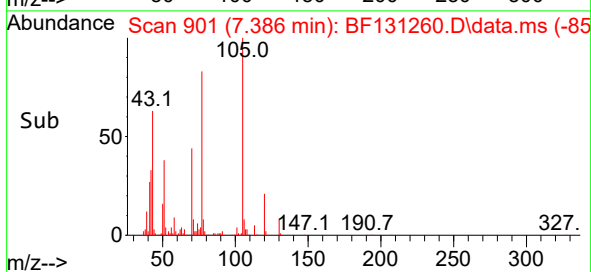
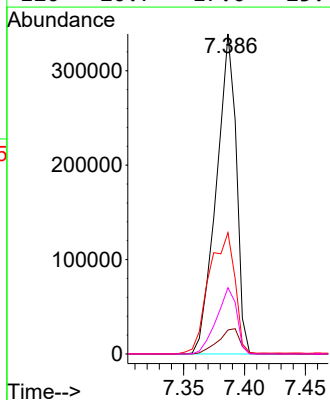
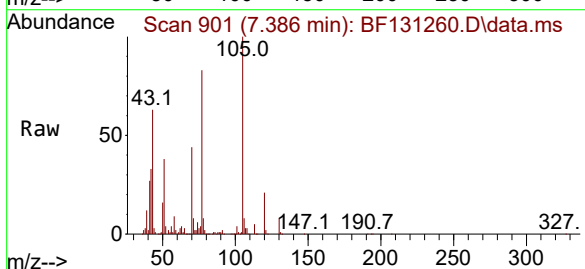
APPROVED

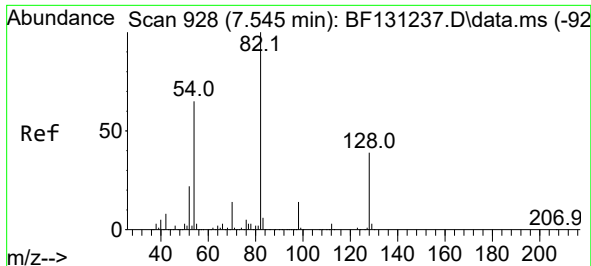
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#22
Acetophenone
Concen: 42.811 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:105 Resp: 388003
Ion Ratio Lower Upper
105 100
71 7.5 4.7 7.1#
51 37.9 30.2 45.2
120 20.7 17.0 25.4





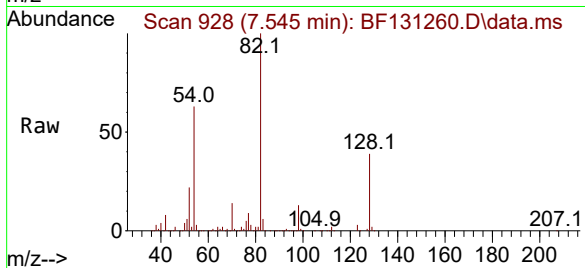
#23
Nitrobenzene-d5
Concen: 95.534 ng
RT: 7.545 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

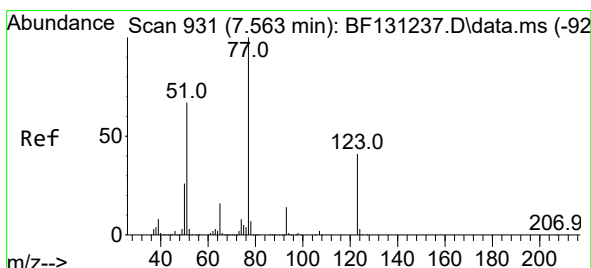
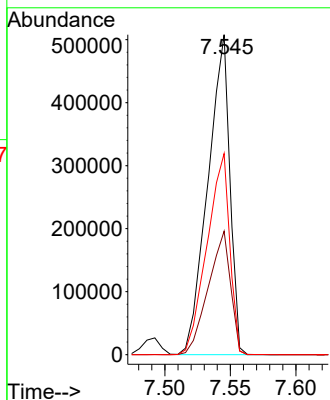
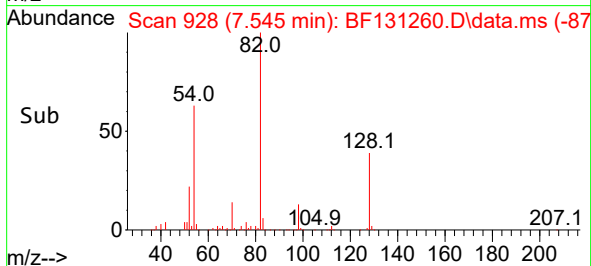
PB148898BS



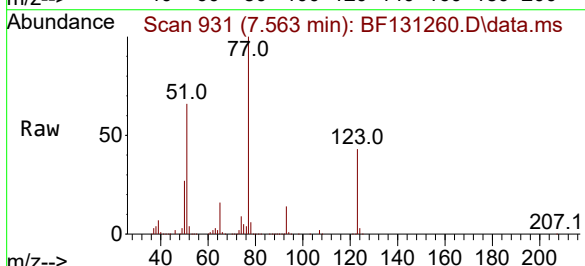
Tgt Ion: 82 Resp: 591760
Ion Ratio Lower Upper
82 100
128 38.6 31.1 46.7
54 62.8 51.8 77.6

Manual Integrations
APPROVED

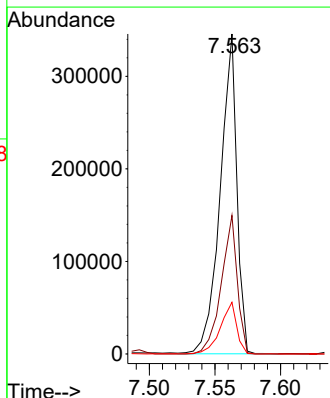
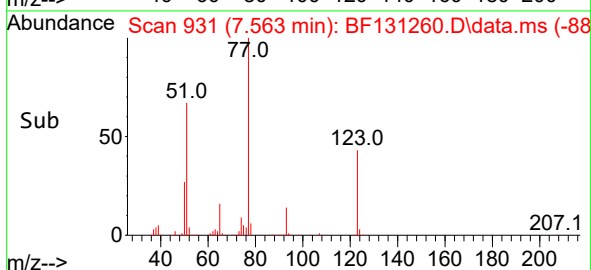
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

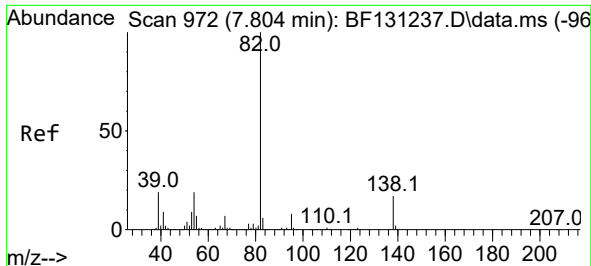


#24
Nitrobenzene
Concen: 45.528 ng
RT: 7.563 min Scan# 931
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion: 77 Resp: 304446
Ion Ratio Lower Upper
77 100
123 43.3 33.2 49.8
65 16.2 13.0 19.4





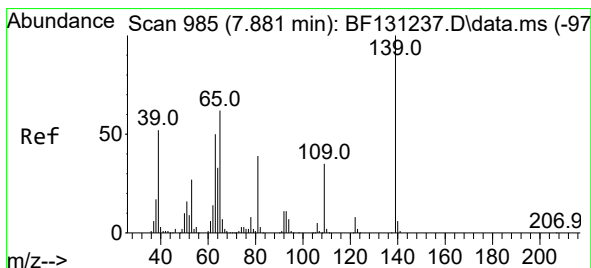
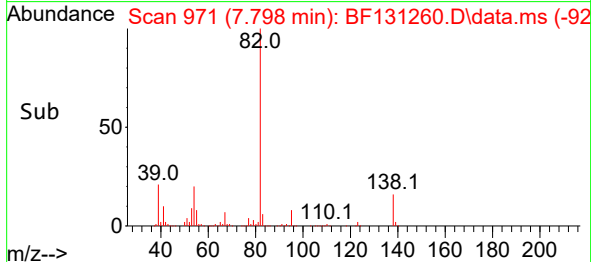
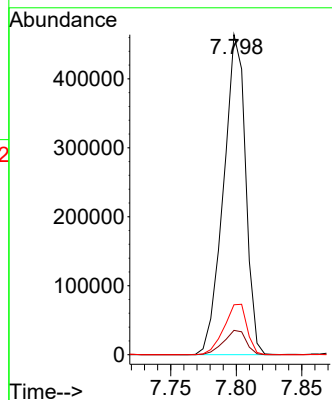
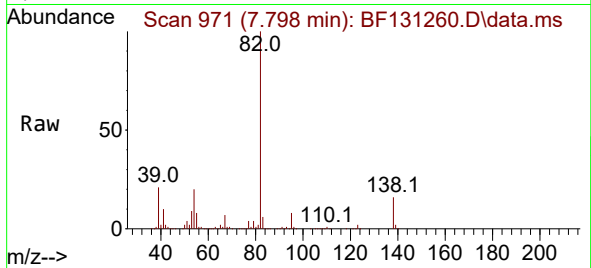
#25
Isophorone
Concen: 43.861 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :
BNA_F
ClientSampleId :
PB148898BS

Tgt Ion: 82 Resp: 542768
Ion Ratio Lower Upper
82 100
95 7.6 6.2 9.2
138 15.6 13.4 20.0

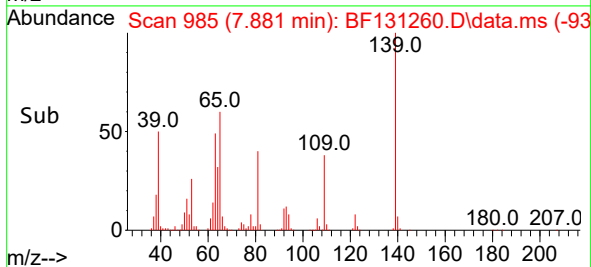
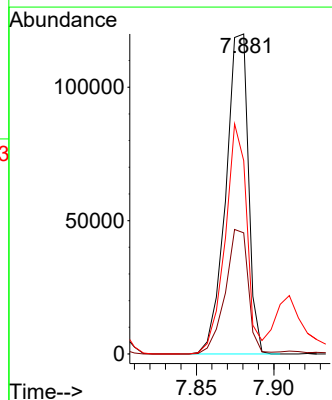
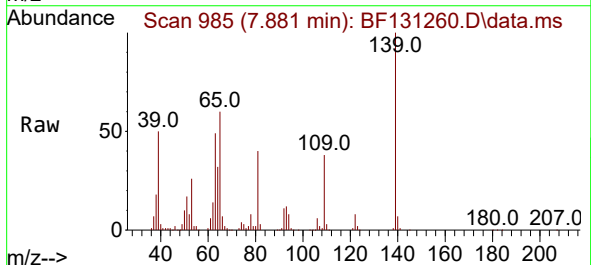
Manual Integrations
APPROVED

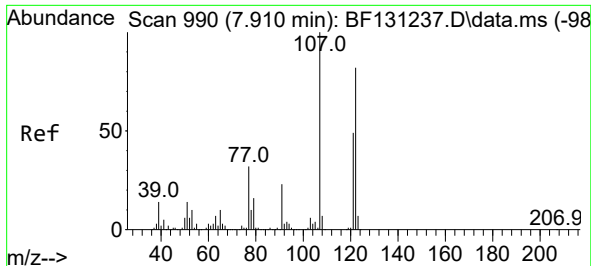
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#26
2-Nitrophenol
Concen: 45.647 ng
RT: 7.881 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:139 Resp: 121688
Ion Ratio Lower Upper
139 100
109 37.8 28.0 42.0
65 60.4 49.3 73.9





#27

2,4-Dimethylphenol

Concen: 54.644 ng

RT: 7.910 min Scan# 990

Delta R.T. -0.000 min

Lab File: BF131260.D

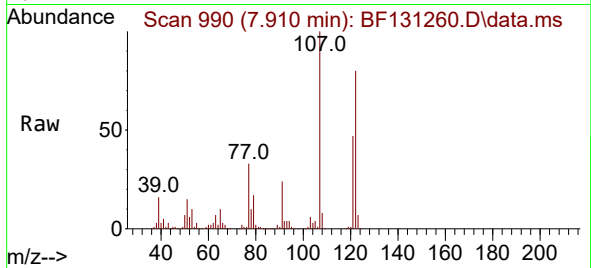
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

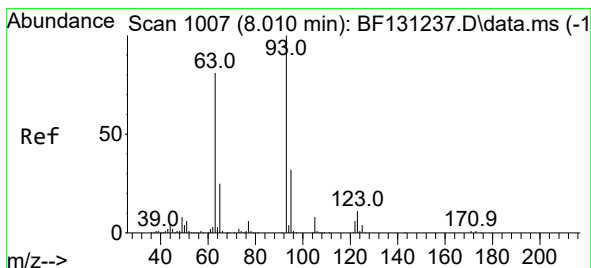
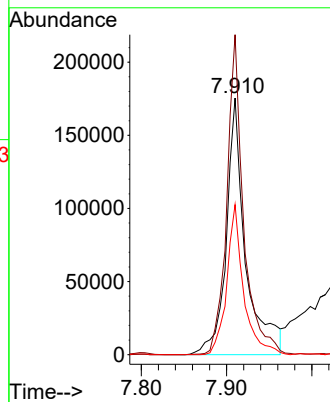
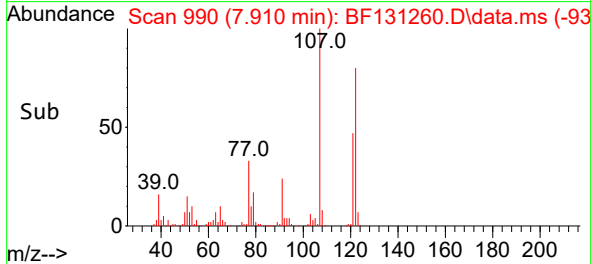


Tgt Ion:	122	Resp:	276784
Ion	Ratio	Lower	Upper
122	100		
107	124.7	97.1	145.7
121	58.5	47.5	71.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#28

bis(2-Chloroethoxy)methane

Concen: 44.567 ng

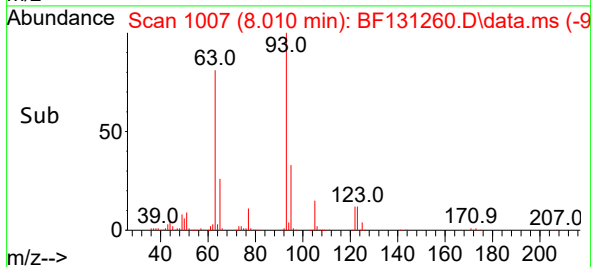
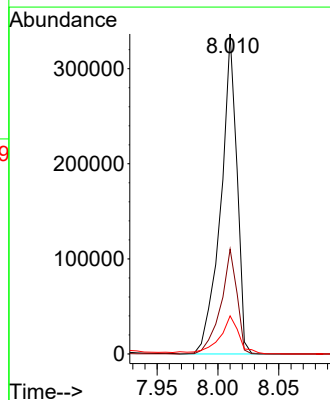
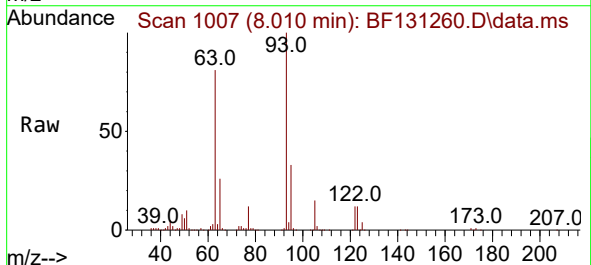
RT: 8.010 min Scan# 1007

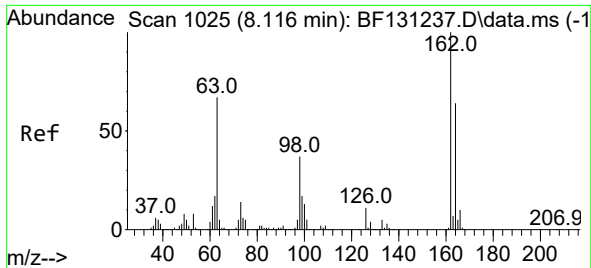
Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Tgt Ion:	93	Resp:	310943
Ion	Ratio	Lower	Upper
93	100		
95	32.8	25.7	38.5
123	11.9	9.2	13.8





#29

2,4-Dichlorophenol

Concen: 42.081 ng

RT: 8.116 min Scan# 1025

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

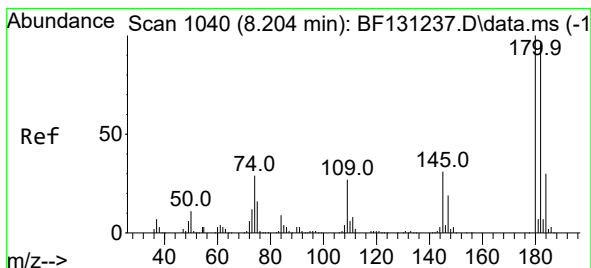
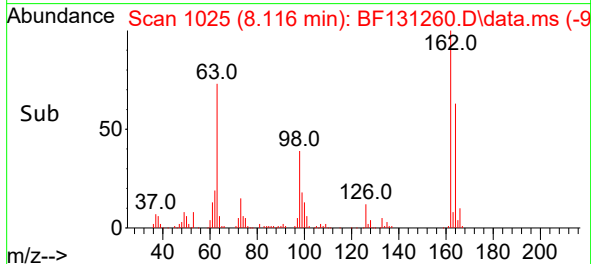
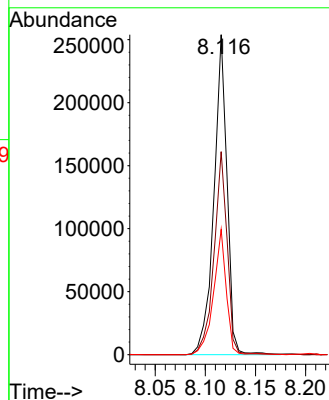
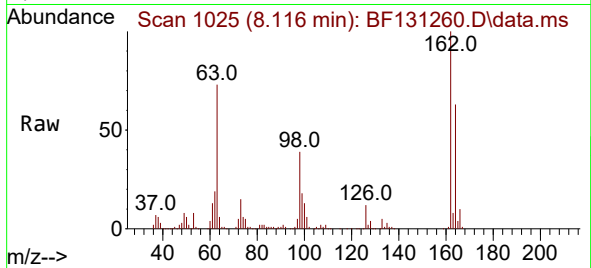
PB148898BS

Tgt Ion:	162	Resp:	23050
Ion Ratio	Lower	Upper	
162	100		
164	63.4	43.5	83.5
98	39.2	17.2	57.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#30

1,2,4-Trichlorobenzene

Concen: 41.119 ng

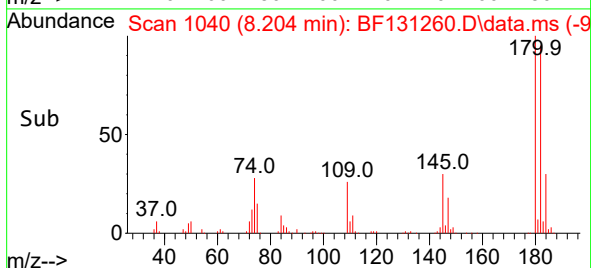
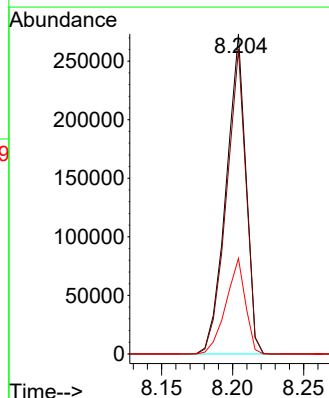
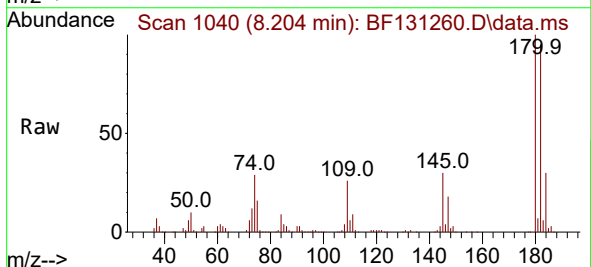
RT: 8.204 min Scan# 1040

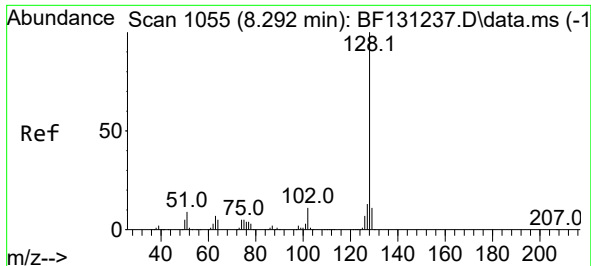
Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Tgt Ion:	180	Resp:	264080
Ion Ratio	Lower	Upper	
180	100		
182	95.3	76.6	115.0
145	29.9	24.8	37.2





#31
Naphthalene
Concen: 39.653 ng
RT: 8.286 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

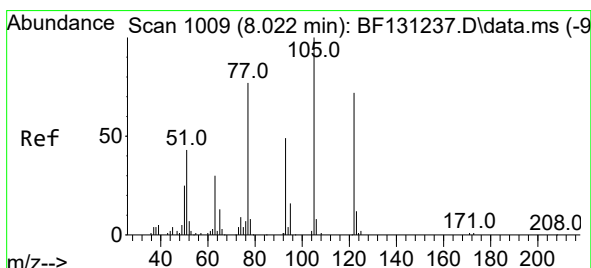
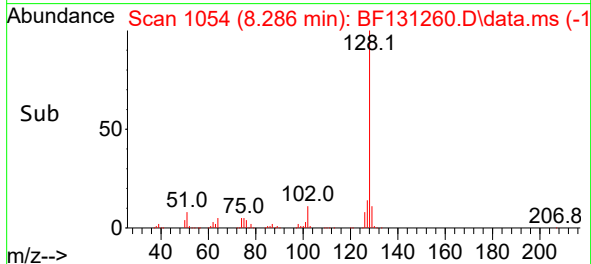
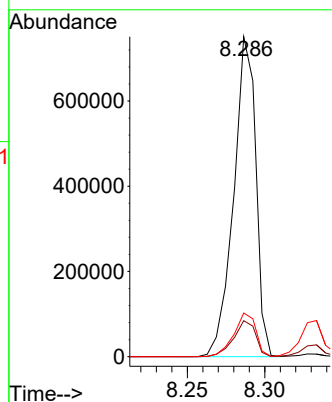
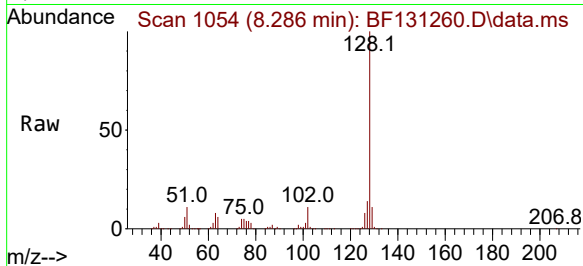
PB148898BS

Tgt Ion:128 Resp: 746940
Ion Ratio Lower Upper
128 100
129 11.3 8.4 12.6
127 13.7 10.3 15.5

Manual Integrations

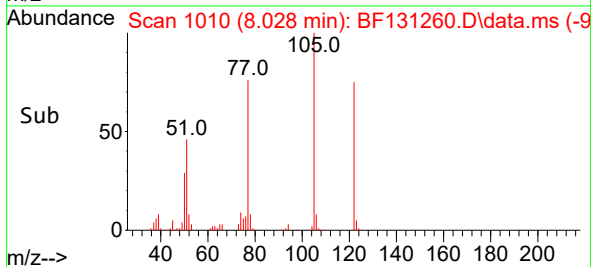
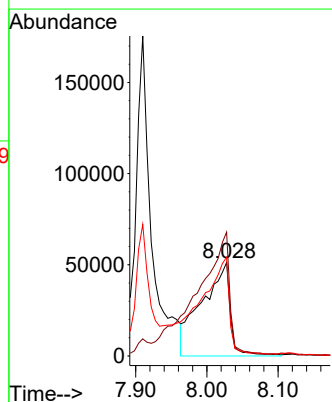
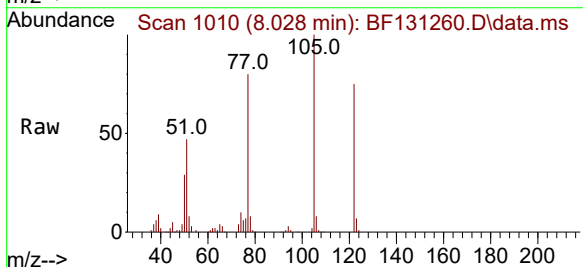
APPROVED

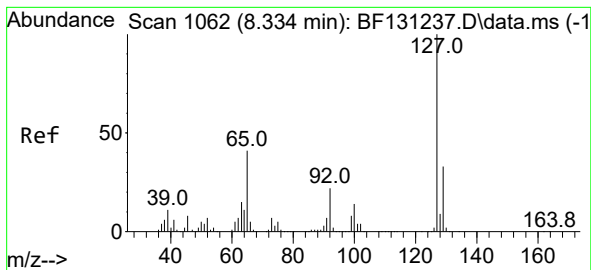
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#32
Benzoic acid
Concen: 40.080 ng m
RT: 8.028 min Scan# 1010
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:122 Resp: 142380
Ion Ratio Lower Upper
122 100
105 132.5 116.9 156.9
77 105.7 86.9 126.9





#33
4-Chloroaniline
Concen: 12.648 ng
RT: 8.333 min Scan# 1062
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

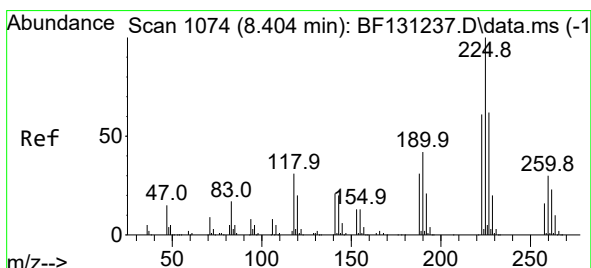
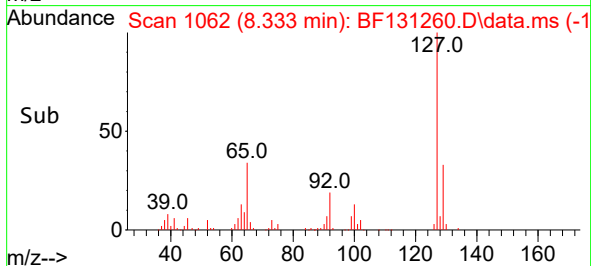
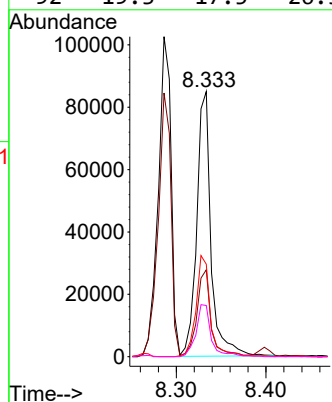
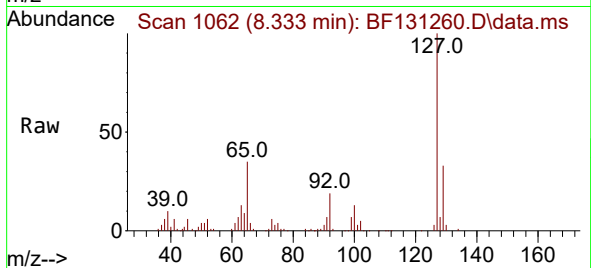
PB148898BS

Tgt Ion:127 Resp: 93788
Ion Ratio Lower Upper
127 100
129 32.7 26.0 39.0
65 34.9 32.6 48.8
92 19.3 17.5 26.3

Manual Integrations

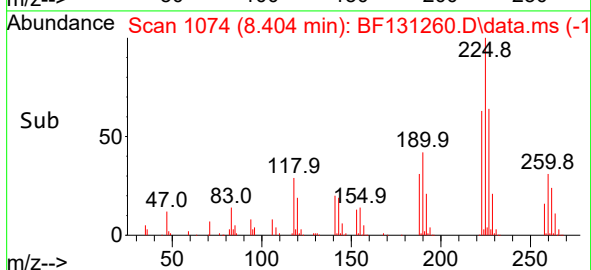
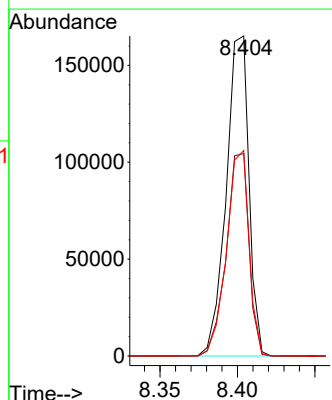
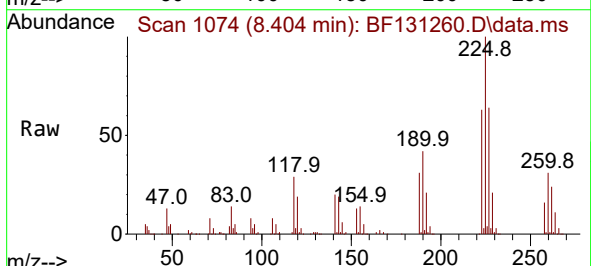
APPROVED

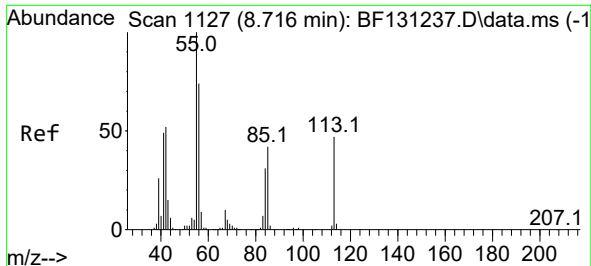
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#34
Hexachlorobutadiene
Concen: 41.490 ng
RT: 8.404 min Scan# 1074
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

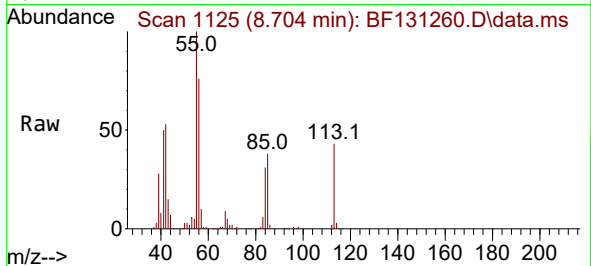
Tgt Ion:225 Resp: 168645
Ion Ratio Lower Upper
225 100
223 63.2 49.1 73.7
227 64.2 50.0 75.0





#35
Caprolactam
Concen: 45.346 ng m
RT: 8.704 min Scan# 1125
Delta R.T. -0.012 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

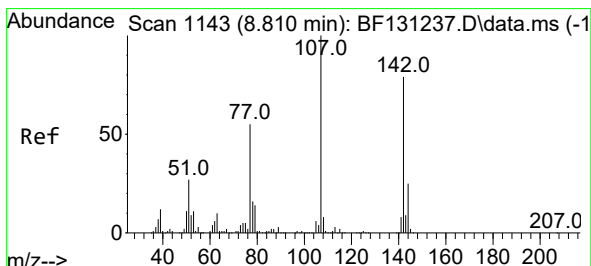
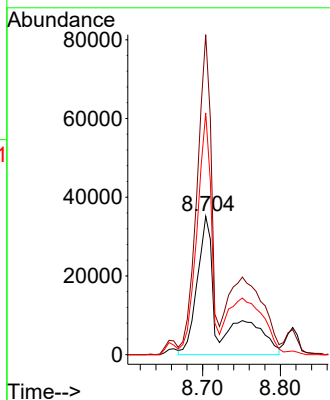
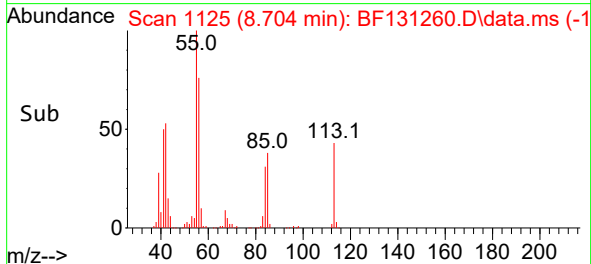
Instrument :
BNA_F
ClientSampleId :
PB148898BS



Tgt Ion:113 Resp: 7340
Ion Ratio Lower Upper
113 100
55 231.2 193.2 233.2
56 174.7 137.2 177.2

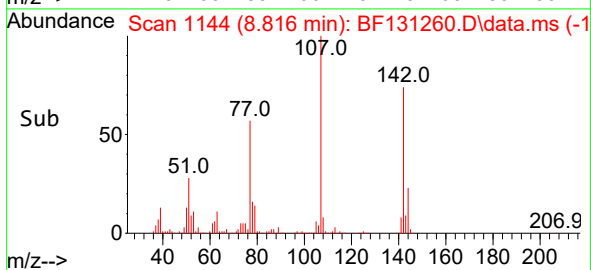
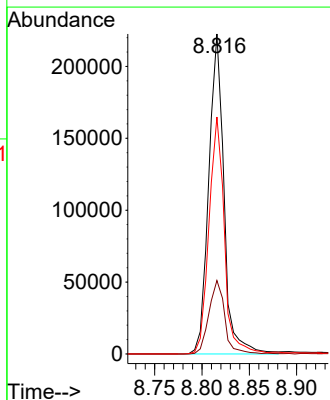
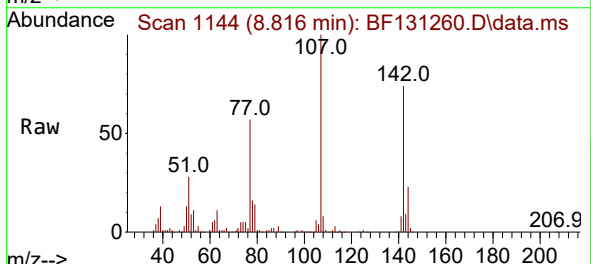
Manual Integrations
APPROVED

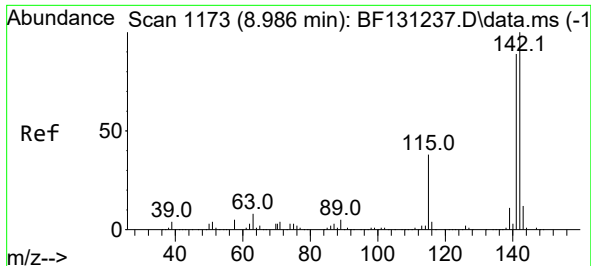
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#36
4-Chloro-3-methylphenol
Concen: 43.215 ng
RT: 8.816 min Scan# 1144
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:107 Resp: 249172
Ion Ratio Lower Upper
107 100
144 22.9 20.2 30.2
142 74.0 63.0 94.6





#37
2-Methylnaphthalene
Concen: 40.260 ng
RT: 8.986 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

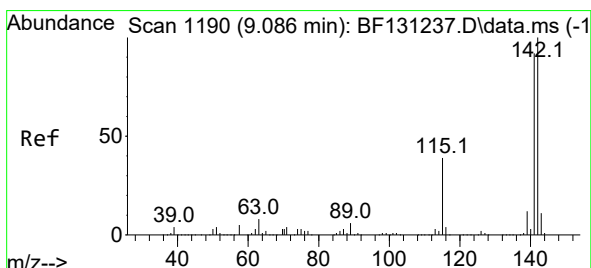
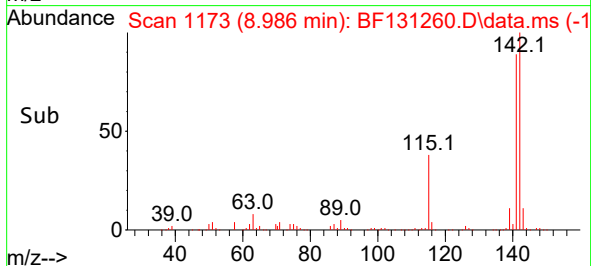
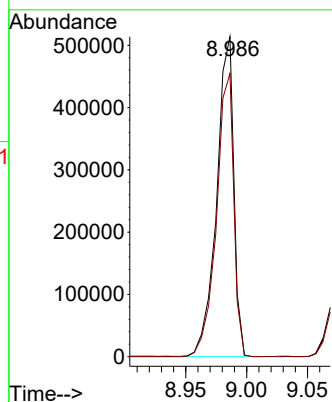
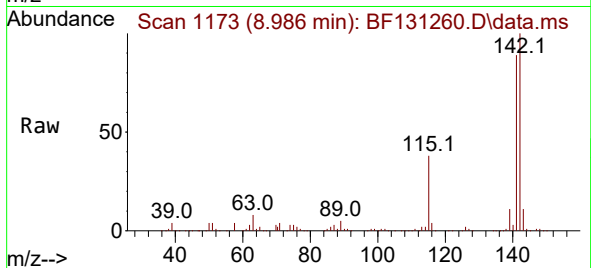
ClientSampleId :

PB148898BS

Tgt Ion:142 Resp: 505084
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6

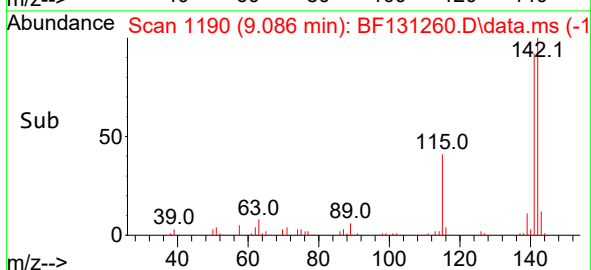
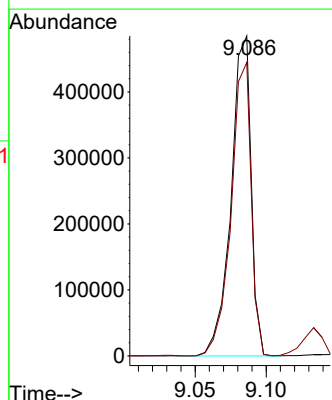
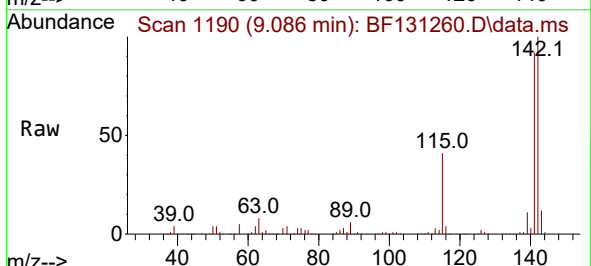
Manual Integrations
APPROVED

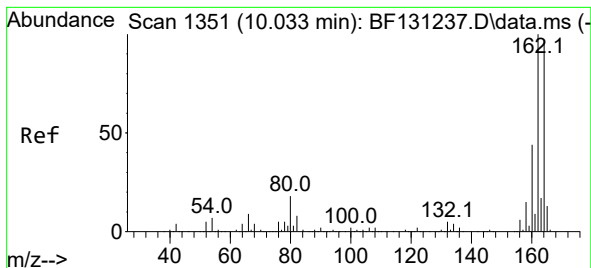
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#38
1-Methylnaphthalene
Concen: 39.245 ng
RT: 9.086 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:142 Resp: 477413
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 10.033 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF131260.D

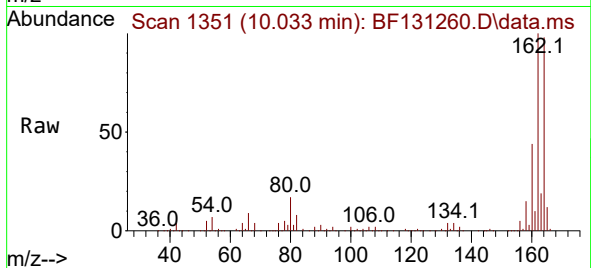
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS



Tgt Ion:164 Resp: 197310

Ion Ratio Lower Upper

164 100

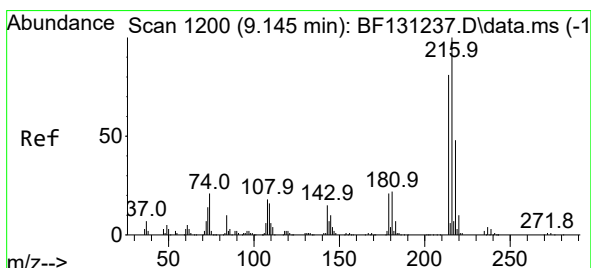
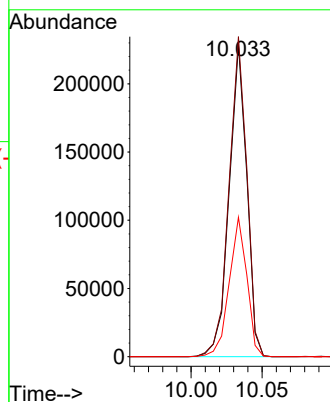
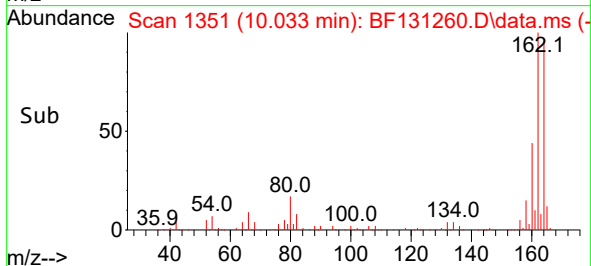
162 102.5 82.1 123.1

160 44.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.102 ng

RT: 9.145 min Scan# 1200

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Tgt Ion:216 Resp: 261117

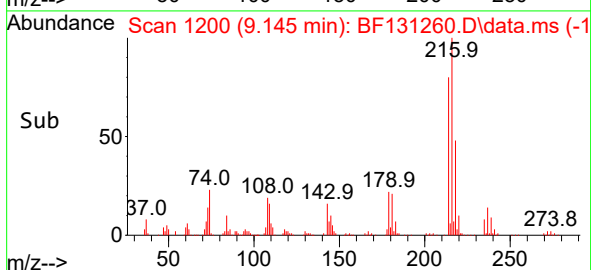
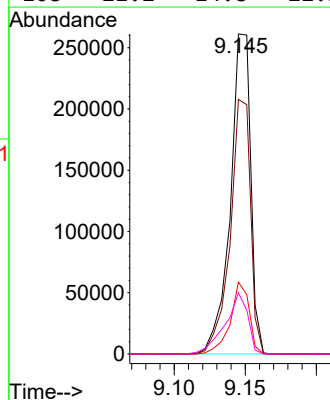
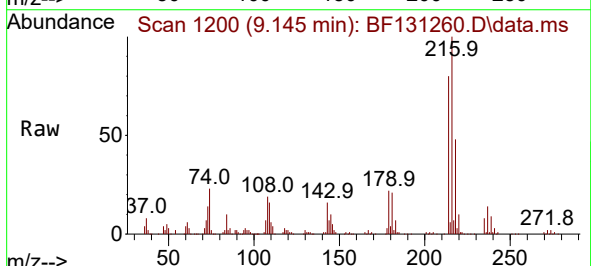
Ion Ratio Lower Upper

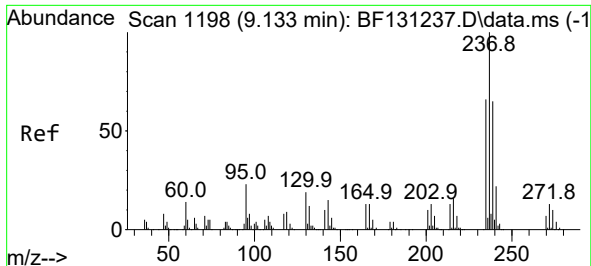
216 100

214 79.1 63.7 95.5

179 20.7 16.5 24.7

108 21.2 14.8 22.2





#41
Hexachlorocyclopentadiene
Concen: 102.602 ng
RT: 9.133 min Scan# 1198
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

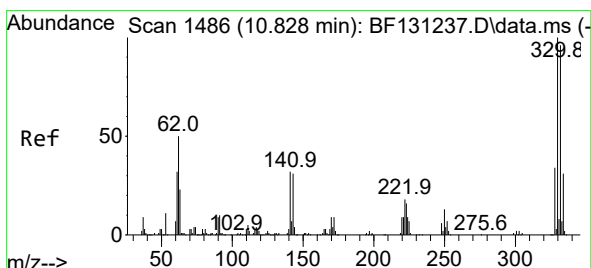
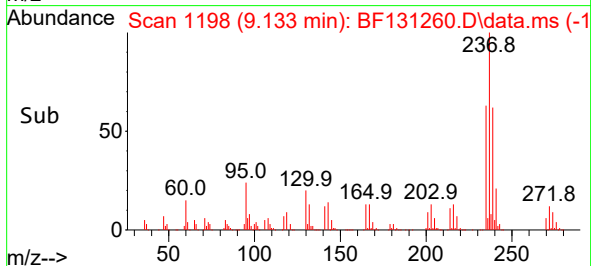
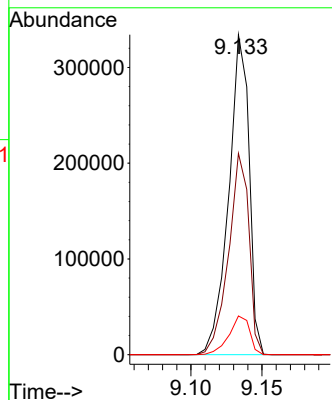
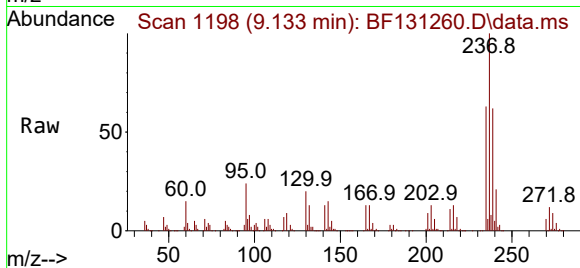
ClientSampleId :

PB148898BS

Tgt Ion:237 Resp: 334084
Ion Ratio Lower Upper
237 100
235 62.9 45.6 85.6
272 12.1 0.0 32.6

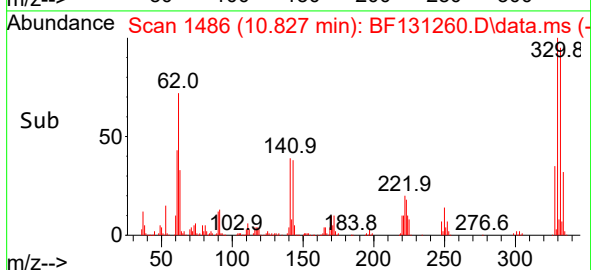
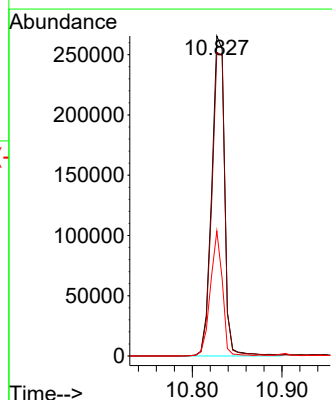
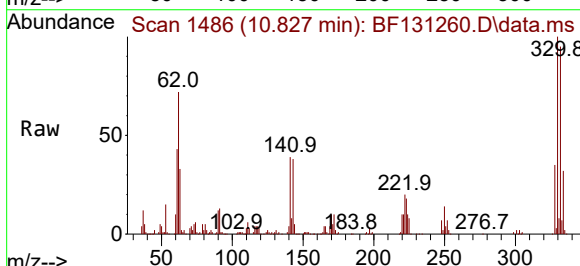
Manual Integrations
APPROVED

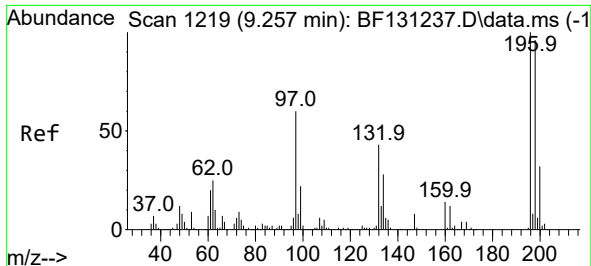
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#42
2,4,6-Tribromophenol
Concen: 140.289 ng
RT: 10.827 min Scan# 1486
Delta R.T. -0.001 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:330 Resp: 264406
Ion Ratio Lower Upper
330 100
332 95.6 76.8 115.2
141 36.2 29.6 44.4





#43

2,4,6-Trichlorophenol

Concen: 36.340 ng

RT: 9.257 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF131260.D

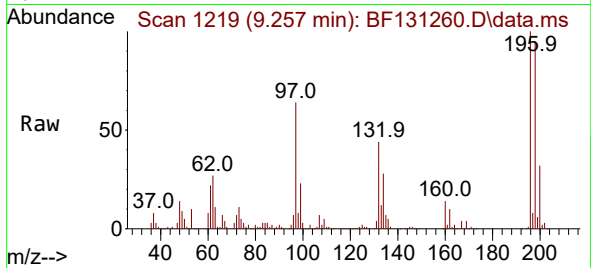
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS



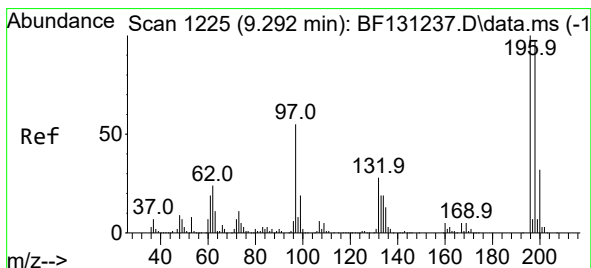
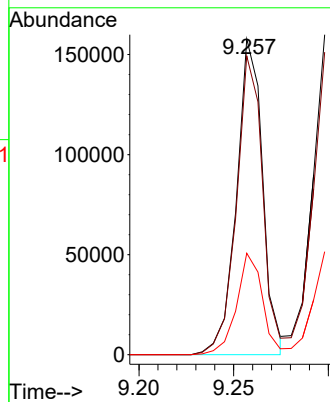
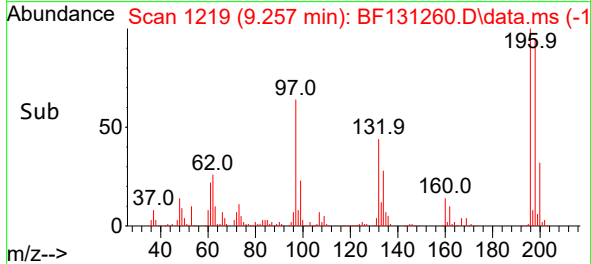
Tgt Ion:196 Resp: 150930

Ion	Ratio	Lower	Upper
196	100		
198	94.6	76.5	114.7
200	32.2	25.3	37.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#44

2,4,5-Trichlorophenol

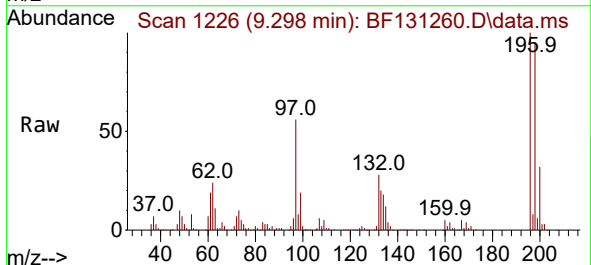
Concen: 44.624 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.006 min

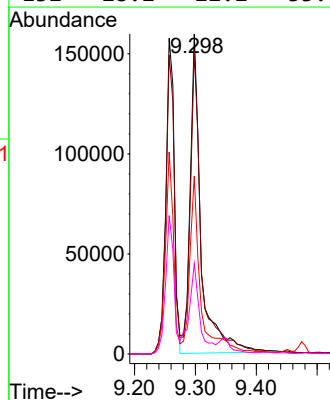
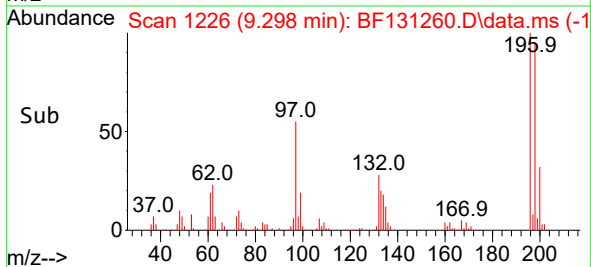
Lab File: BF131260.D

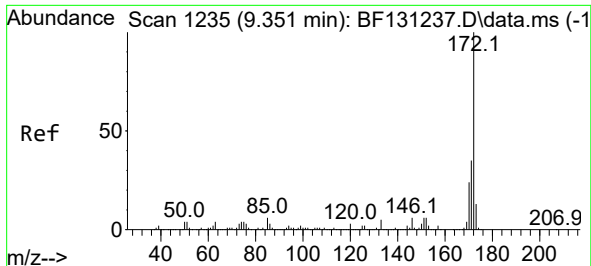
Acq: 16 Nov 2022 12:23



Tgt Ion:196 Resp: 198893

Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.0	115.6
97	55.6	44.3	66.5
132	28.2	22.2	33.4





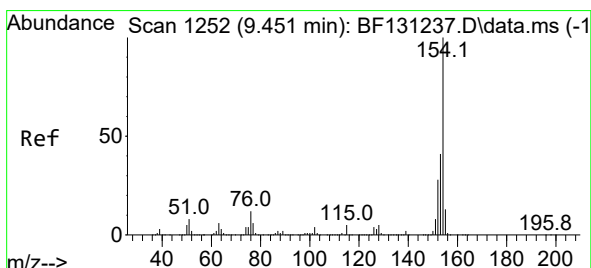
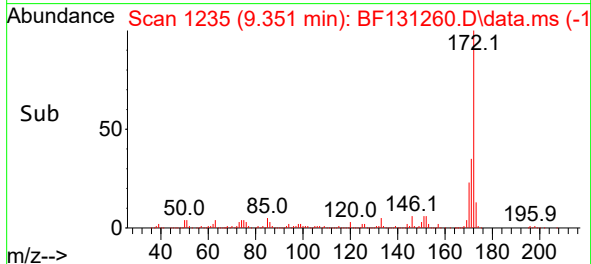
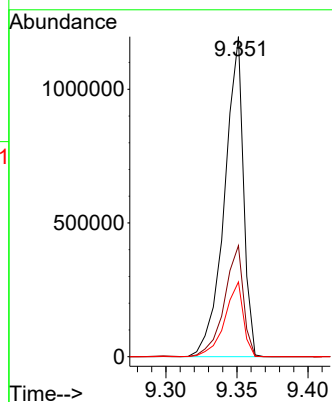
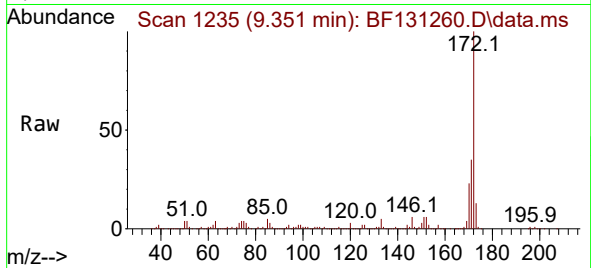
#45
2-Fluorobiphenyl
Concen: 82.032 ng
RT: 9.351 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :
BNA_F
ClientSampleId :
PB148898BS

Tgt Ion:172 Resp: 1106020
Ion Ratio Lower Upper
172 100
171 34.7 28.2 42.2
170 23.4 18.8 28.2

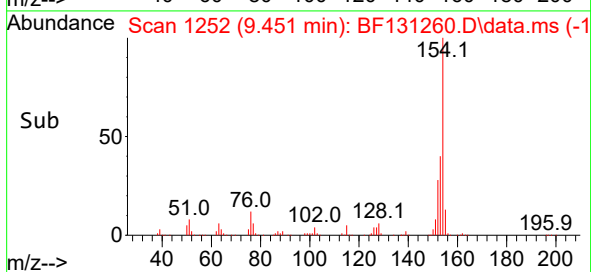
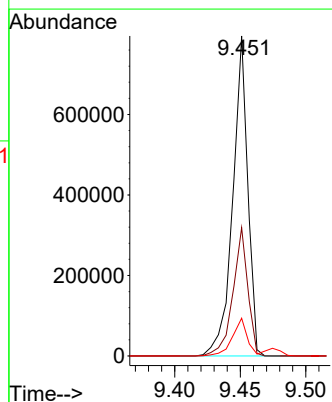
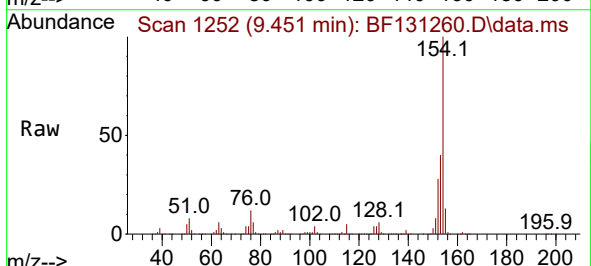
Manual Integrations
APPROVED

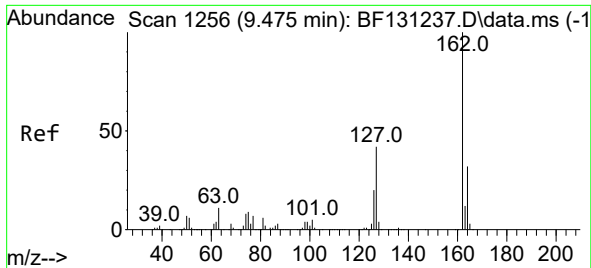
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#46
1,1'-Biphenyl
Concen: 41.807 ng
RT: 9.451 min Scan# 1252
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:154 Resp: 634132
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 11.8 0.0 31.6





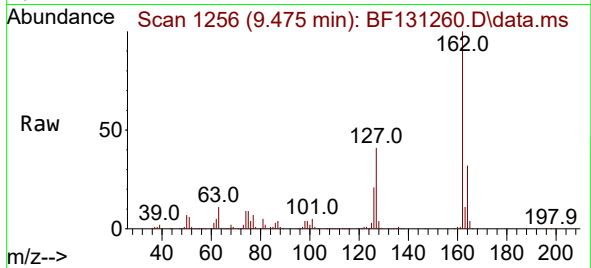
#47
2-Chloronaphthalene
Concen: 40.790 ng
RT: 9.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

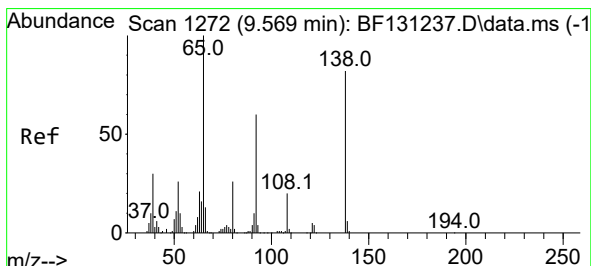
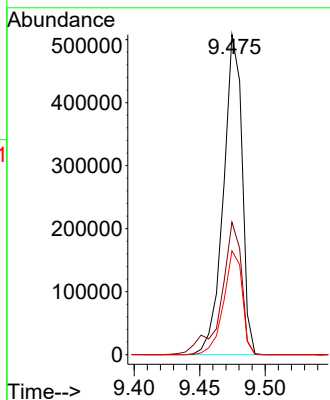
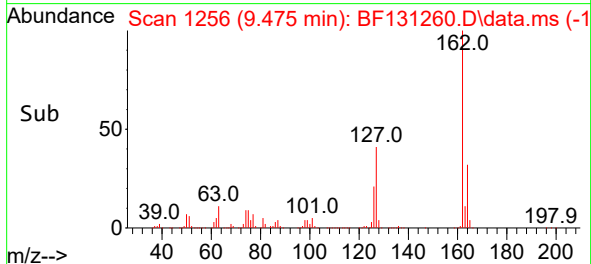


Tgt Ion:162 Resp: 501204
Ion Ratio Lower Upper
162 100
127 41.4 34.1 51.1
164 32.5 25.9 38.9

Manual Integrations

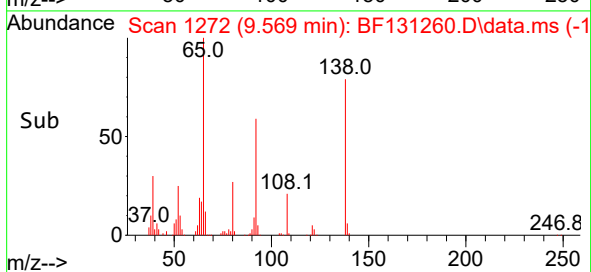
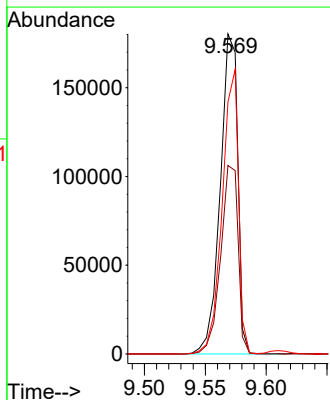
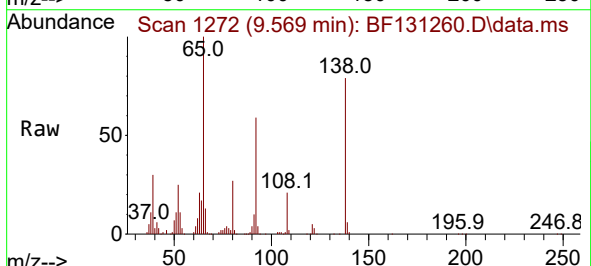
APPROVED

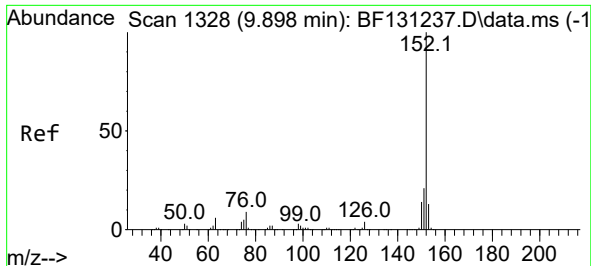
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#48
2-Nitroaniline
Concen: 45.919 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion: 65 Resp: 180296
Ion Ratio Lower Upper
65 100
92 58.9 48.2 72.2
138 78.8 65.8 98.8





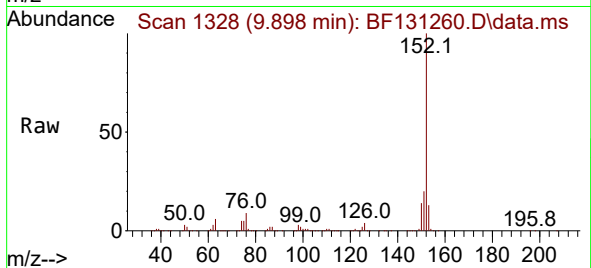
#49
Acenaphthylene
Concen: 41.072 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

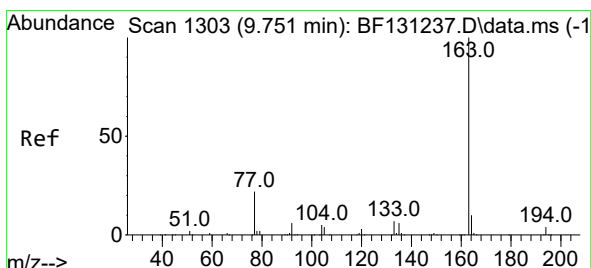
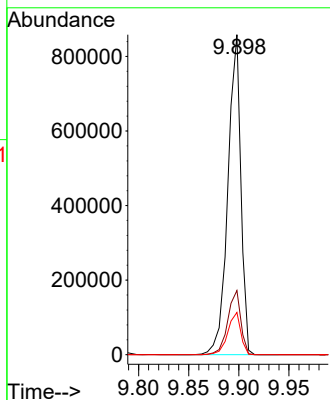
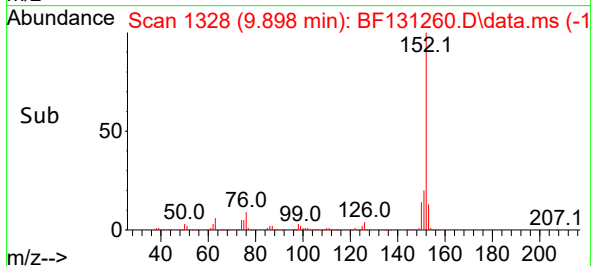


Tgt Ion:152 Resp: 770644
Ion Ratio Lower Upper
152 100
151 20.1 16.4 24.6
153 13.2 10.5 15.7

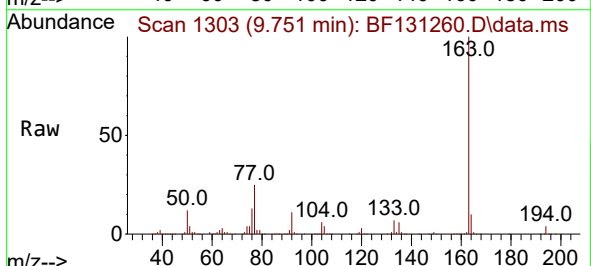
Manual Integrations

APPROVED

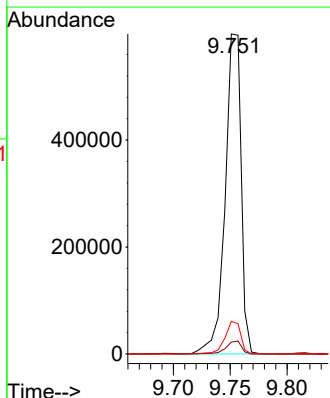
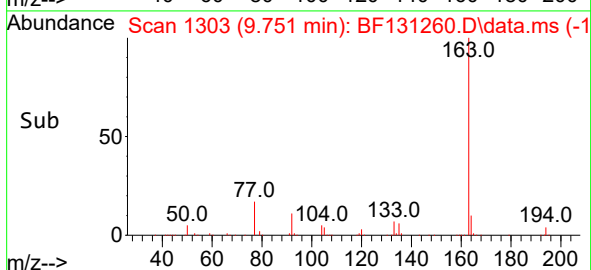
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

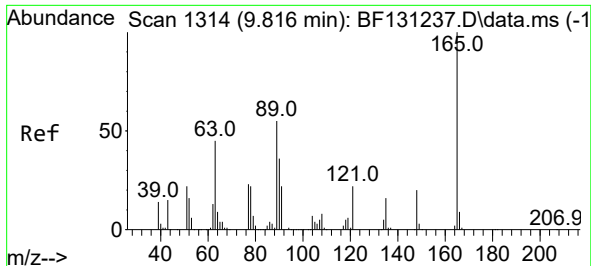


#50
Dimethylphthalate
Concen: 41.538 ng
RT: 9.751 min Scan# 1303
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:163 Resp: 586890
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 45.876 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

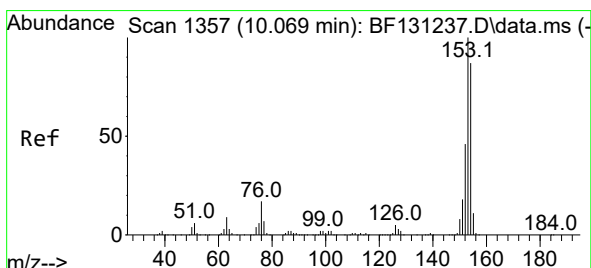
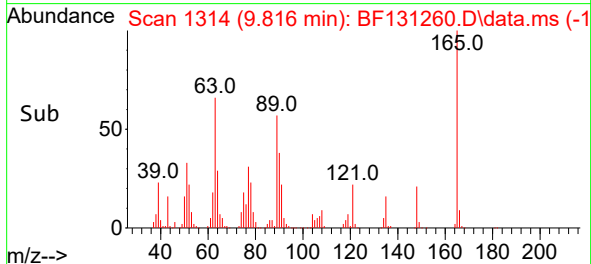
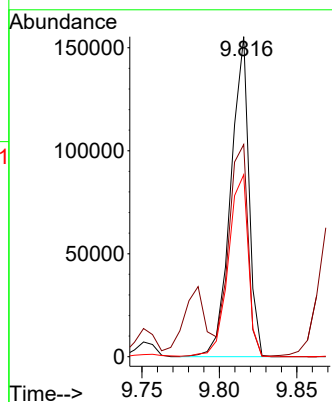
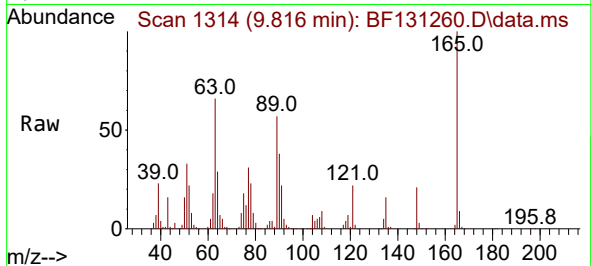
ClientSampleId :

PB148898BS

Tgt Ion:165 Resp: 12675
Ion Ratio Lower Upper
165 100
63 66.3 49.8 74.6
89 56.8 44.5 66.7

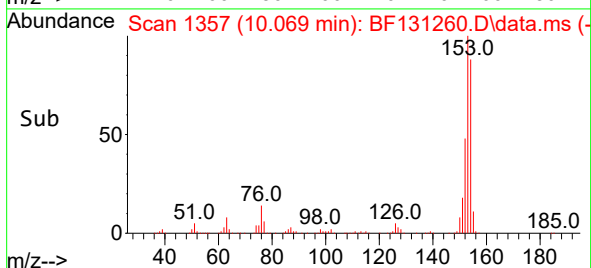
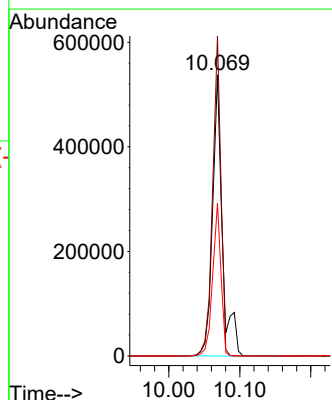
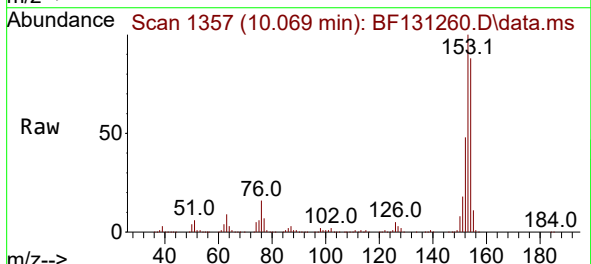
Manual Integrations
APPROVED

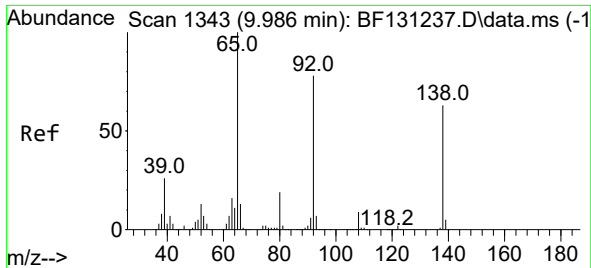
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#52
Acenaphthene
Concen: 44.314 ng
RT: 10.069 min Scan# 1357
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:154 Resp: 519010
Ion Ratio Lower Upper
154 100
153 113.8 91.4 137.2
152 54.4 42.4 63.6





#53
3-Nitroaniline
Concen: 24.254 ng
RT: 9.980 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

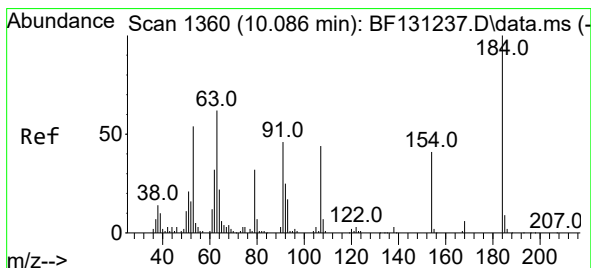
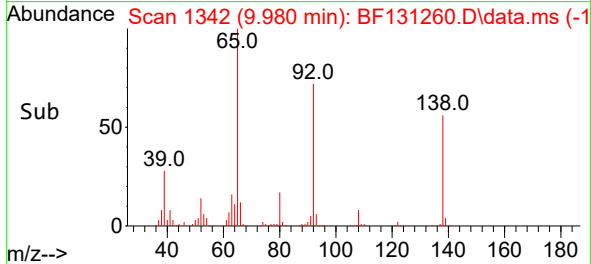
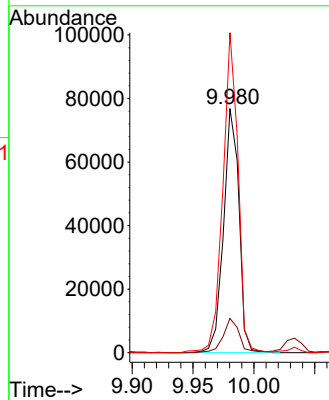
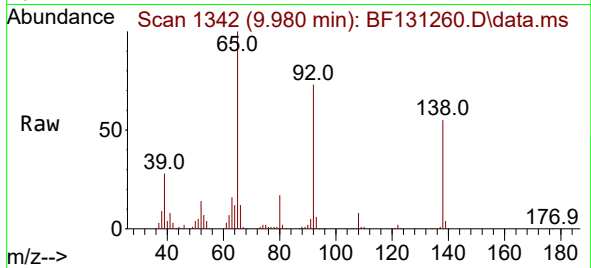
PB148898BS

Tgt Ion:138 Resp: 6754
Ion Ratio Lower Upper
138 100
108 14.1 11.4 17.2
92 131.0 98.6 148.0

Manual Integrations

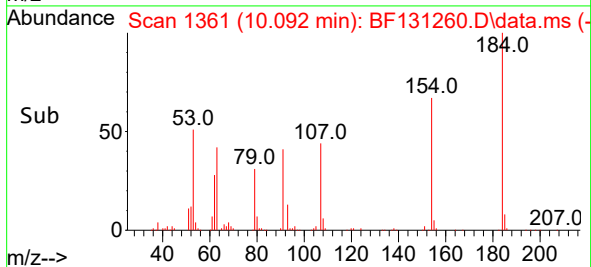
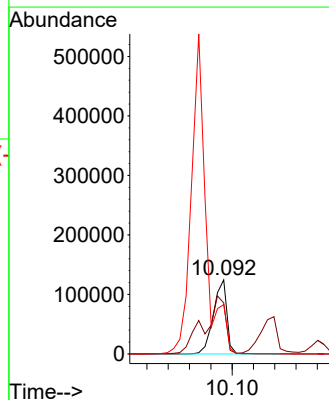
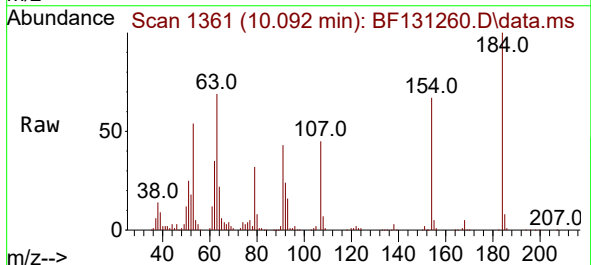
APPROVED

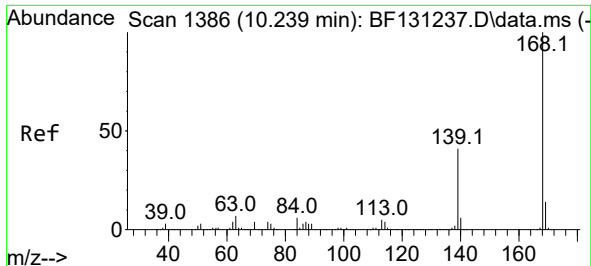
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#54
2,4-Dinitrophenol
Concen: 84.621 ng
RT: 10.092 min Scan# 1361
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

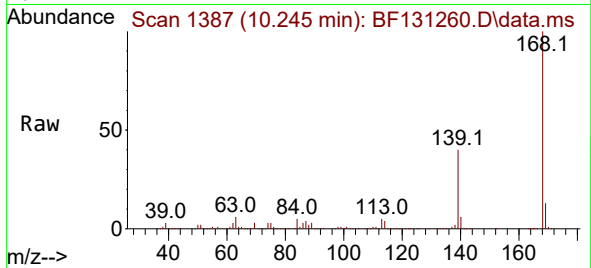
Tgt Ion:184 Resp: 108626
Ion Ratio Lower Upper
184 100
63 69.0 52.5 78.7
154 66.8 54.0 81.0





#55
Dibenzenofuran
Concen: 40.422 ng
RT: 10.245 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

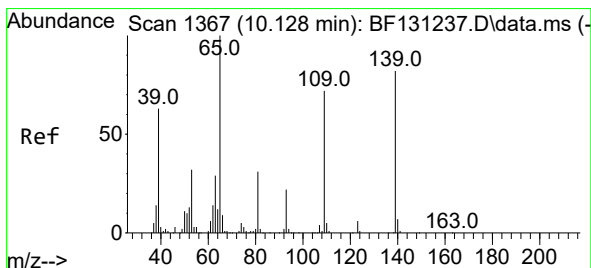
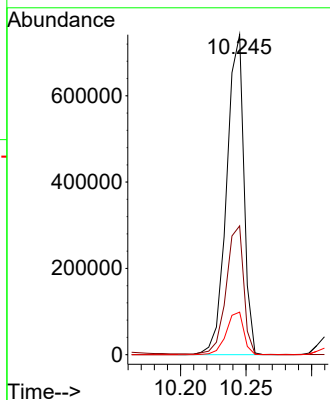
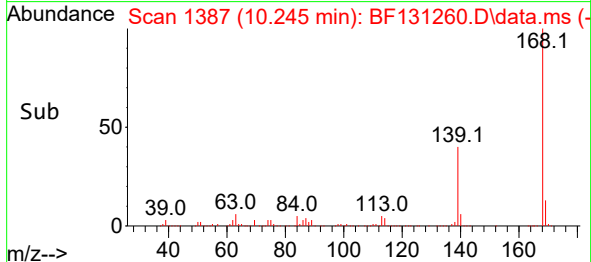
Instrument :
BNA_F
ClientSampleId :
PB148898BS



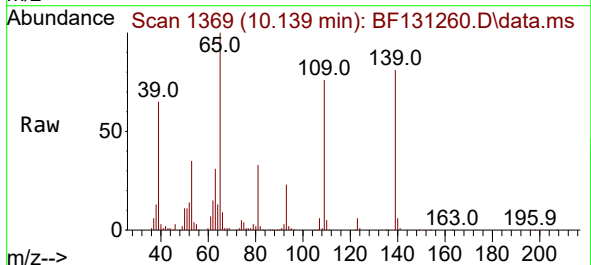
Tgt Ion:168 Resp: 678292
Ion Ratio Lower Upper
168 100
139 40.3 32.9 49.3
169 13.3 10.8 16.2

Manual Integrations
APPROVED

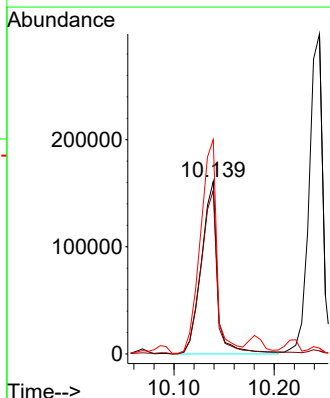
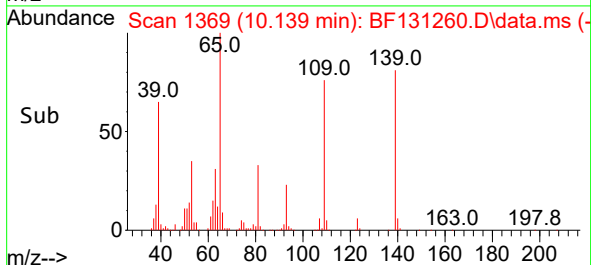
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

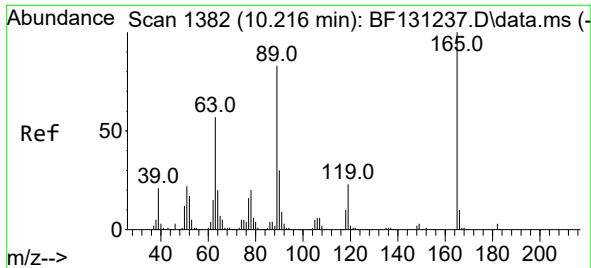


#56
4-Nitrophenol
Concen: 81.755 ng
RT: 10.139 min Scan# 1369
Delta R.T. 0.011 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:139 Resp: 181744
Ion Ratio Lower Upper
139 100
109 94.7 68.1 108.1
65 124.2 101.6 141.6





#57
2,4-Dinitrotoluene
Concen: 46.634 ng
RT: 10.222 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

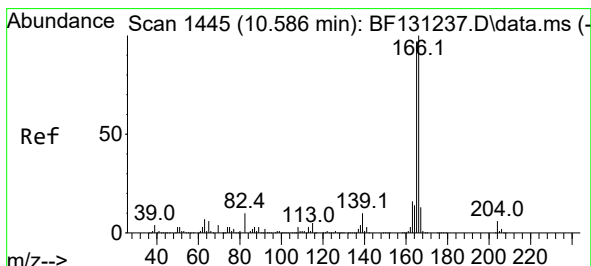
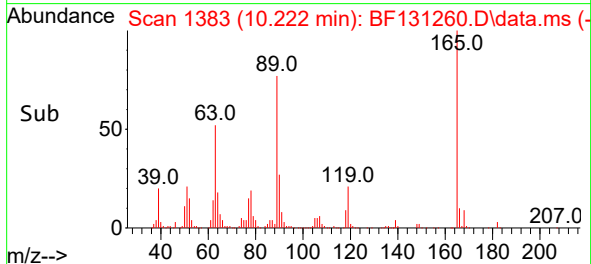
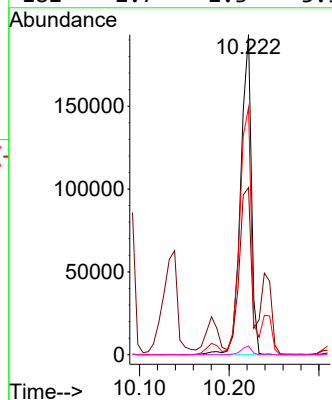
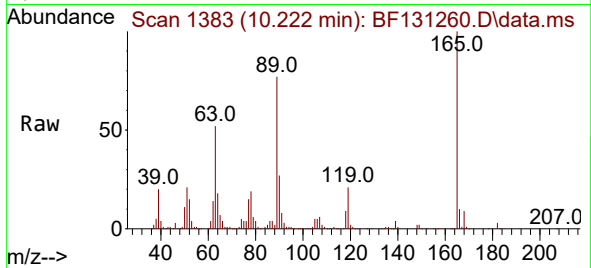
PB148898BS

Tgt Ion:165 Resp: 160000
Ion Ratio Lower Upper
165 100
63 52.2 46.0 69.0
89 77.2 66.2 99.4
182 2.7 2.3 3.5

Manual Integrations

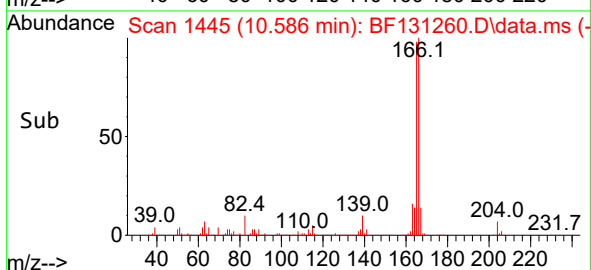
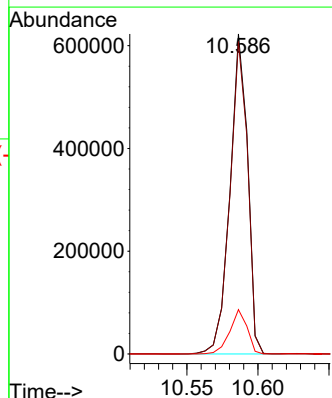
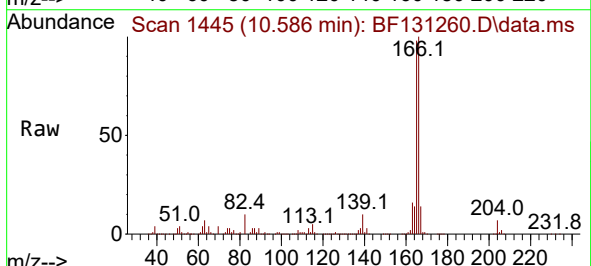
APPROVED

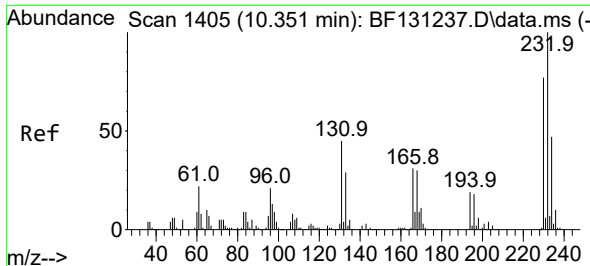
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#58
Fluorene
Concen: 40.713 ng
RT: 10.586 min Scan# 1445
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

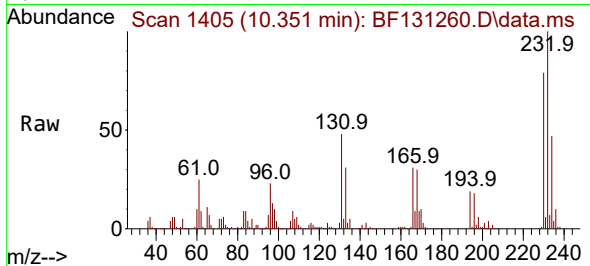
Tgt Ion:166 Resp: 537587
Ion Ratio Lower Upper
166 100
165 97.6 77.4 116.0
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.422 ng
RT: 10.351 min Scan# 1405
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

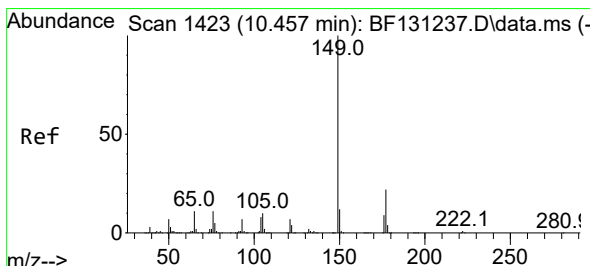
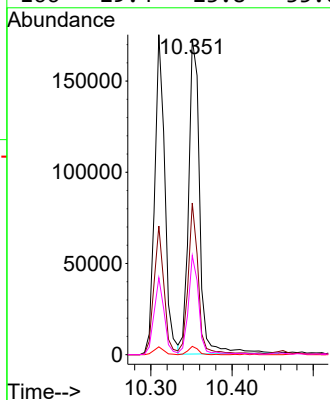
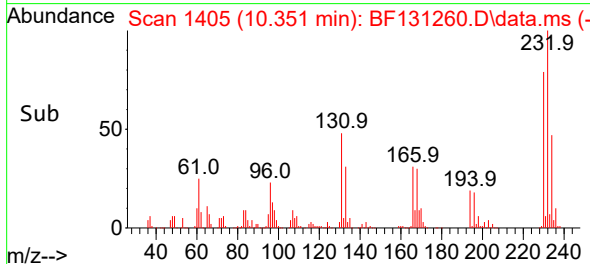
Instrument :
BNA_F
ClientSampleId :
PB148898BS



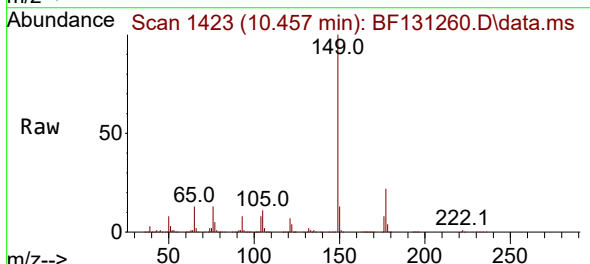
Tgt Ion:232 Resp: 163954
Ion Ratio Lower Upper
232 100
131 42.8 34.6 51.8
130 2.4 1.9 2.9
166 29.4 23.8 35.6

Manual Integrations
APPROVED

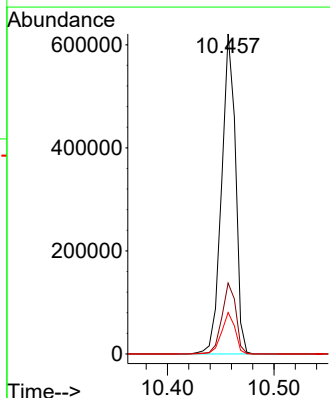
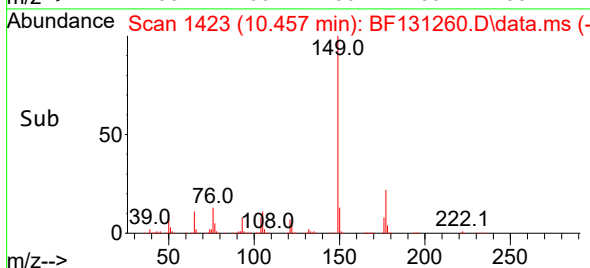
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

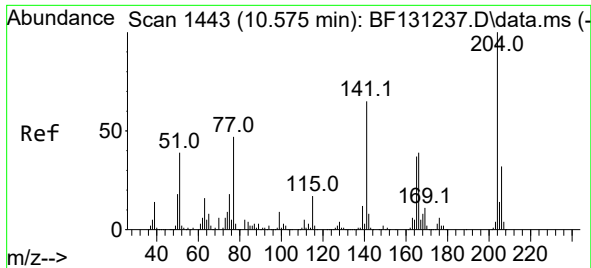


#60
Diethylphthalate
Concen: 42.043 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



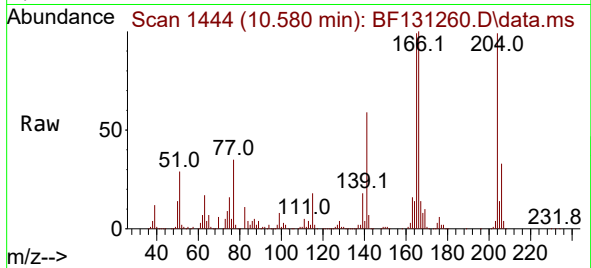
Tgt Ion:149 Resp: 561502
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 41.477 ng
RT: 10.580 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

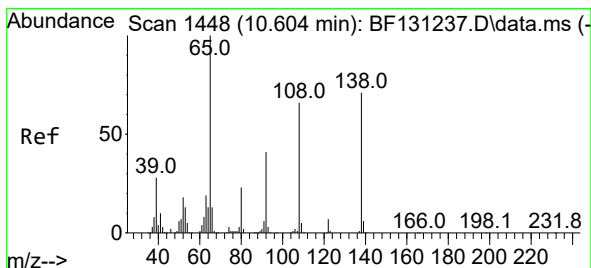
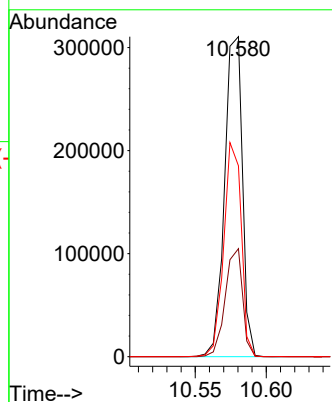
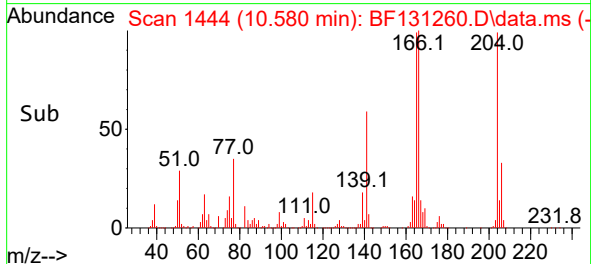
Instrument :
BNA_F
ClientSampleId :
PB148898BS



Tgt Ion:204 Resp: 27080
Ion Ratio Lower Upper
204 100
206 33.8 25.8 38.8
141 59.6 52.1 78.1

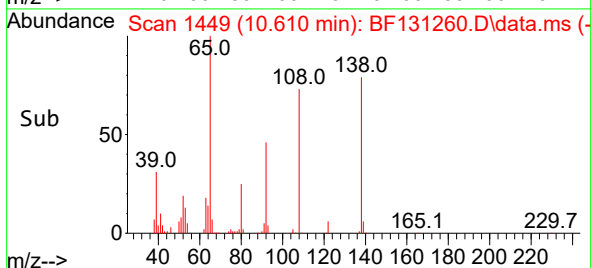
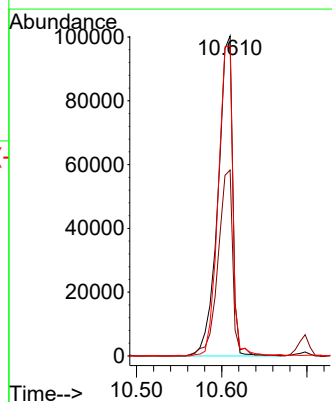
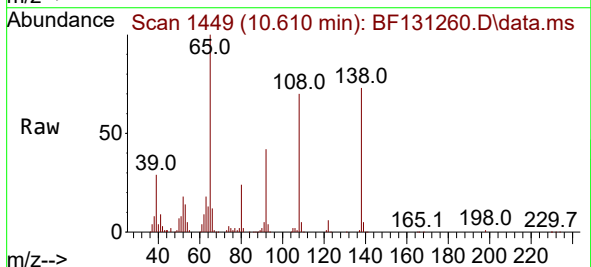
Manual Integrations
APPROVED

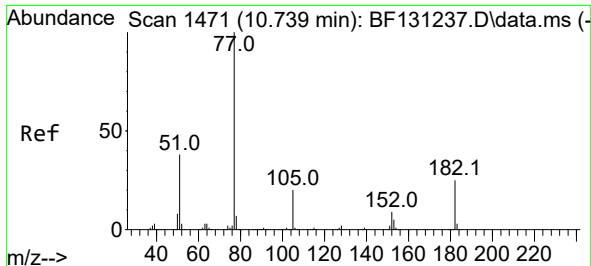
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#62
4-Nitroaniline
Concen: 41.386 ng
RT: 10.610 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Tgt Ion:138 Resp: 119845
Ion Ratio Lower Upper
138 100
92 58.1 37.6 77.6
108 96.9 73.2 113.2





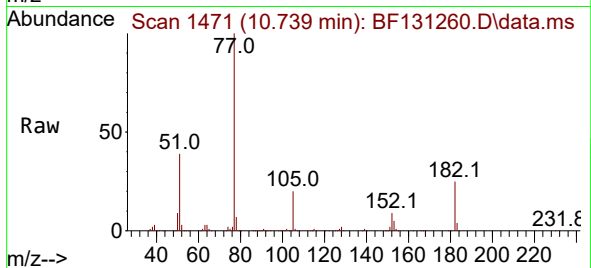
#63
Azobenzene
Concen: 40.911 ng
RT: 10.739 min Scan# 1471
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

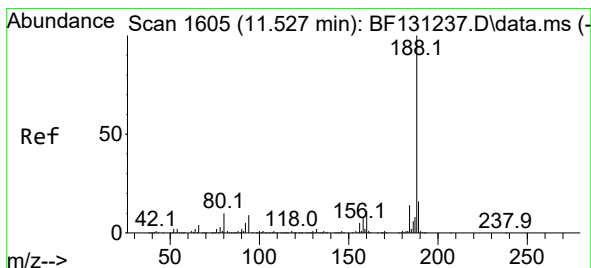
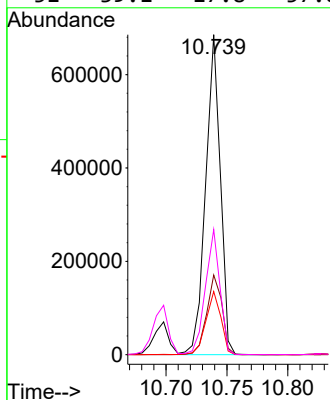
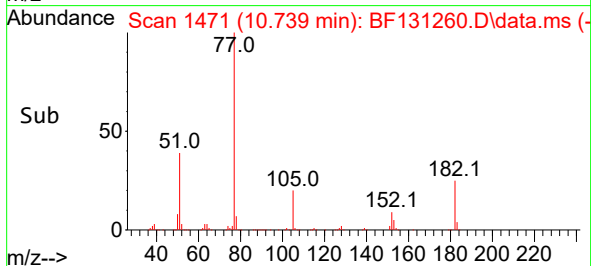


Tgt Ion: 77 Resp: 57205
Ion Ratio Lower Upper
77 100
182 24.9 5.0 45.0
105 19.8 0.1 40.1
51 39.1 17.8 57.8

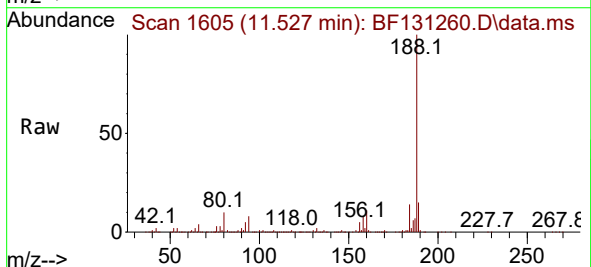
Manual Integrations

APPROVED

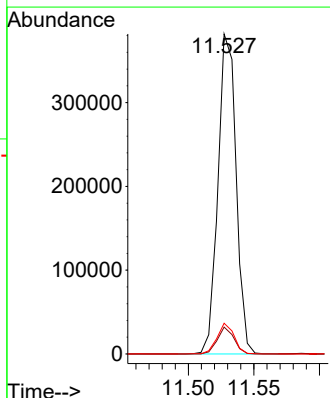
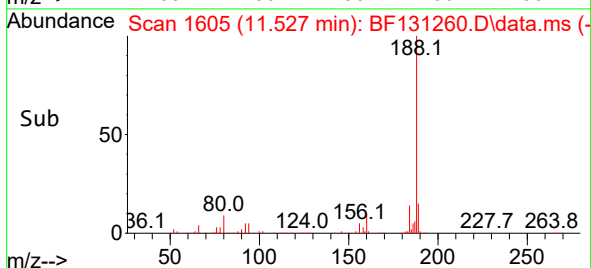
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

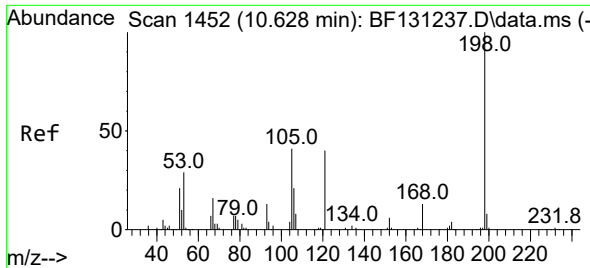


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.527 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:188 Resp: 366898
Ion Ratio Lower Upper
188 100
94 8.4 6.8 10.2
80 9.6 8.0 12.0





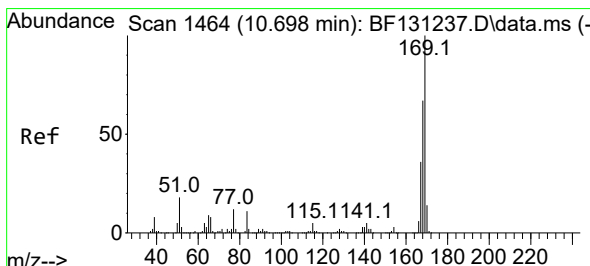
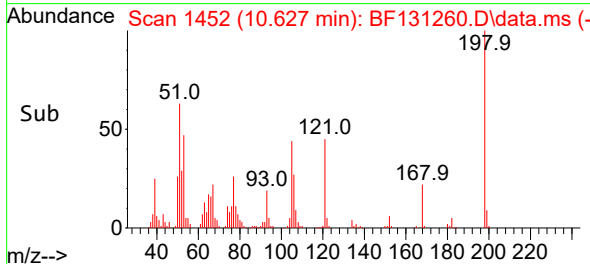
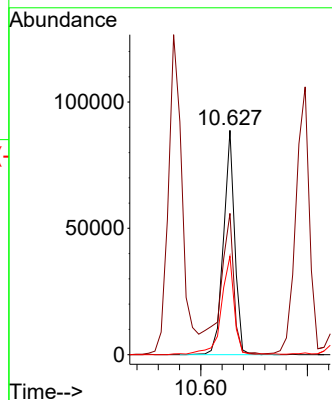
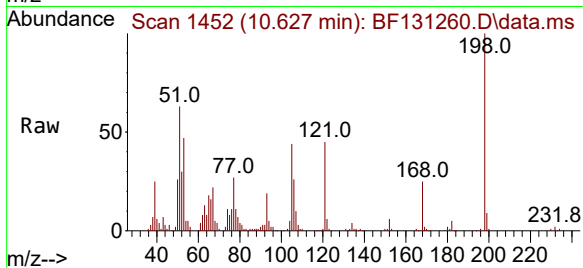
#65
4,6-Dinitro-2-methylphenol
Concen: 40.651 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.001 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :
BNA_F
ClientSampleId :
PB148898BS

Tgt Ion:198 Resp: 6466
Ion Ratio Lower Upper
198 100
51 63.0 29.4 69.4
105 43.9 22.2 62.2

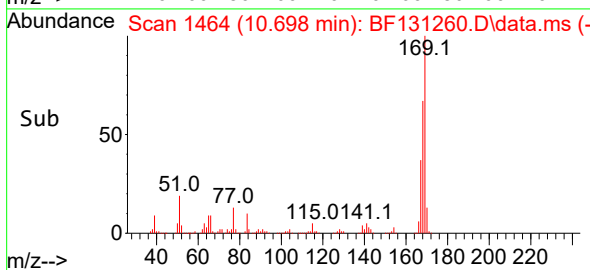
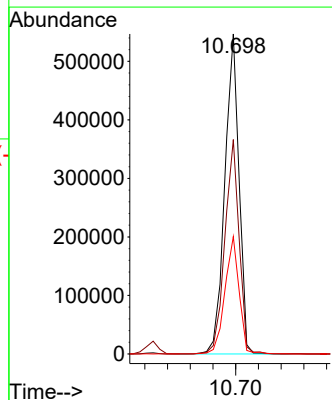
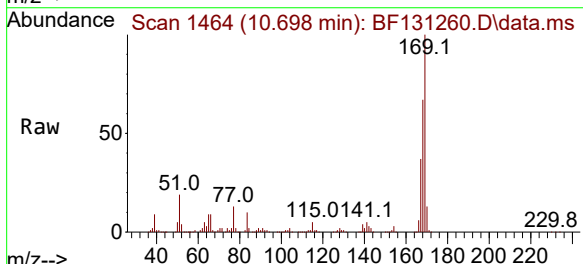
Manual Integrations
APPROVED

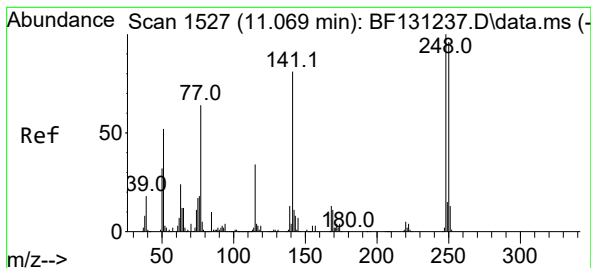
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#66
n-Nitrosodiphenylamine
Concen: 40.713 ng
RT: 10.698 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

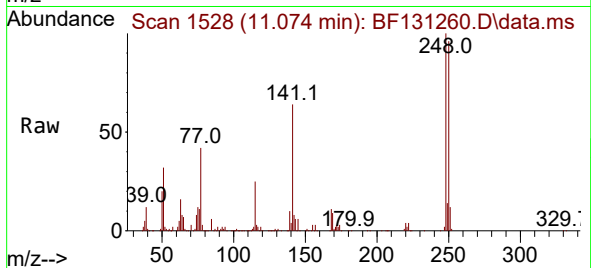
Tgt Ion:169 Resp: 474577
Ion Ratio Lower Upper
169 100
168 67.0 53.4 80.0
167 36.7 28.9 43.3





#67
4-Bromophenyl-phenylether
Concen: 42.240 ng
RT: 11.074 min Scan# 1527
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

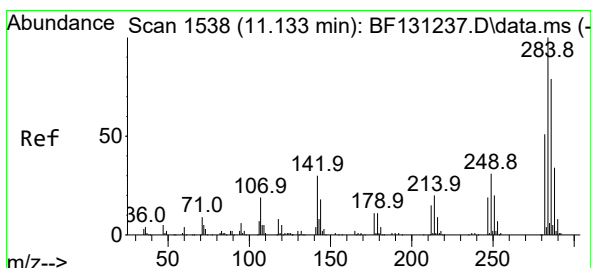
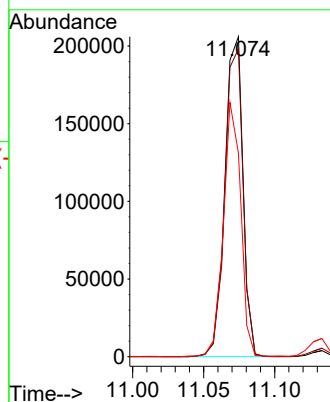
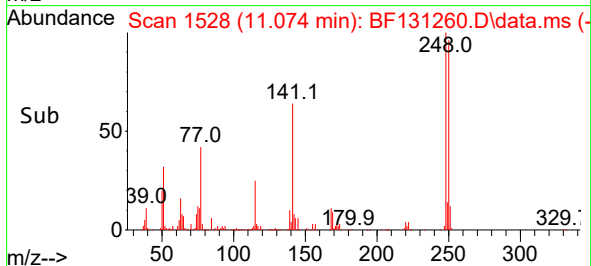
Instrument :
BNA_F
ClientSampleId :
PB148898BS



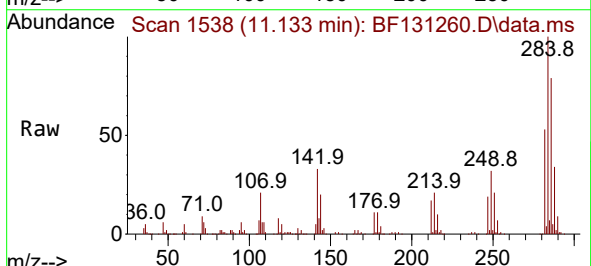
Tgt Ion:248 Resp: 18196
Ion Ratio Lower Upper
248 100
250 96.2 76.6 114.8
141 63.6 64.7 97.1

Manual Integrations
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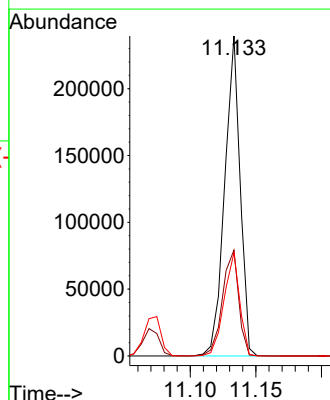
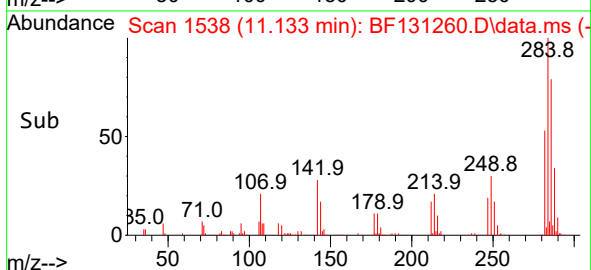
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

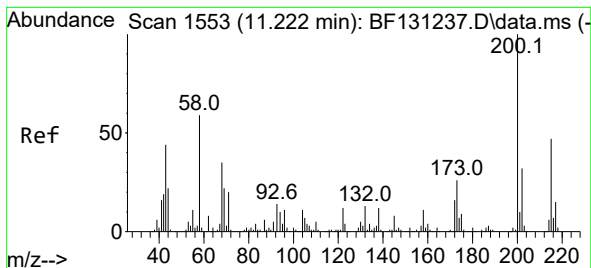


#68
Hexachlorobenzene
Concen: 41.832 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:284 Resp: 195299
Ion Ratio Lower Upper
284 100
142 33.1 24.3 36.5
249 32.2 24.8 37.2





#69

Atrazine

Concen: 42.545 ng

RT: 11.227 min Scan# 1553

Delta R.T. 0.006 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

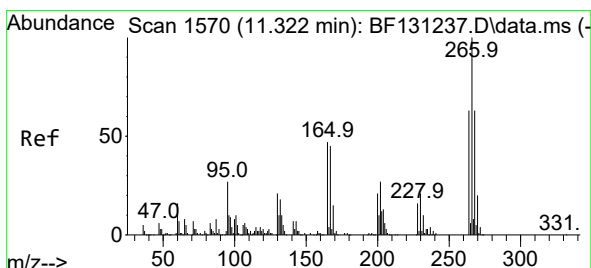
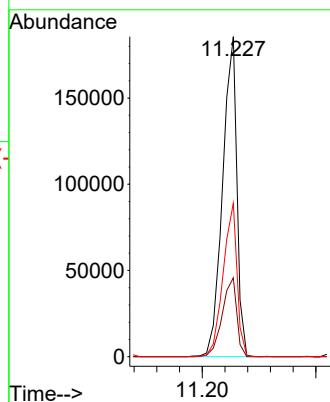
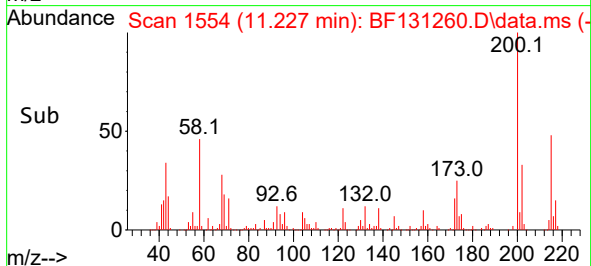
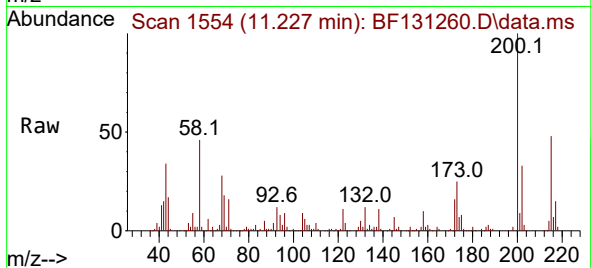
PB148898BS

Tgt Ion:200 Resp: 16255
 Ion Ratio Lower Upper
 200 100
 173 24.6 6.4 46.4
 215 48.0 26.5 66.5

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022



#70

Pentachlorophenol

Concen: 80.096 ng m

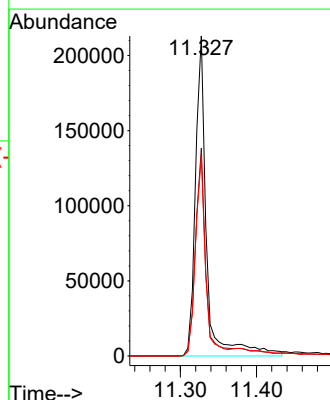
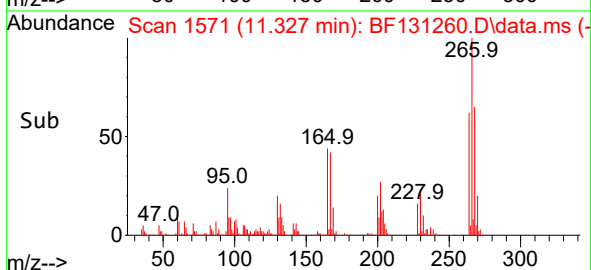
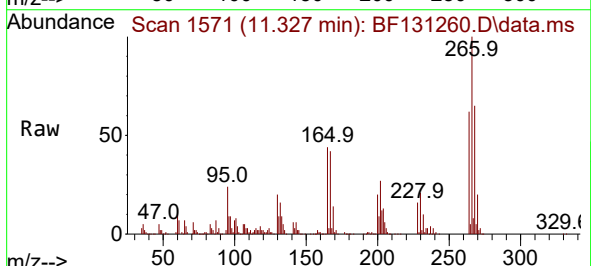
RT: 11.327 min Scan# 1571

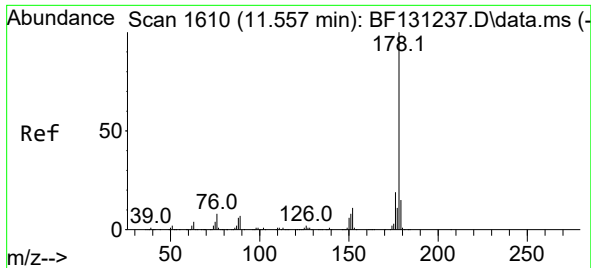
Delta R.T. 0.006 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

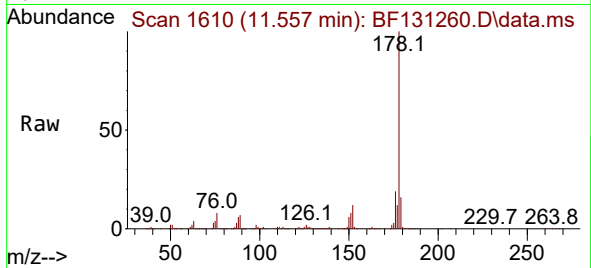
Tgt Ion:266 Resp: 218257
 Ion Ratio Lower Upper
 266 100
 268 65.0 50.5 75.7
 264 62.3 50.4 75.6





#71
Phenanthrene
Concen: 39.992 ng
RT: 11.557 min Scan# 1610
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

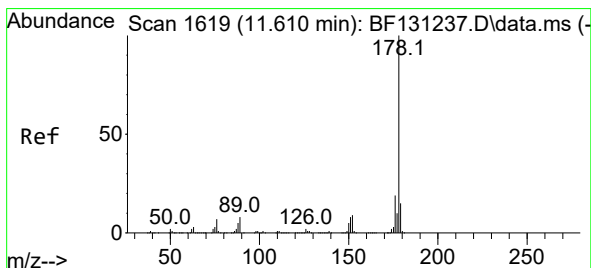
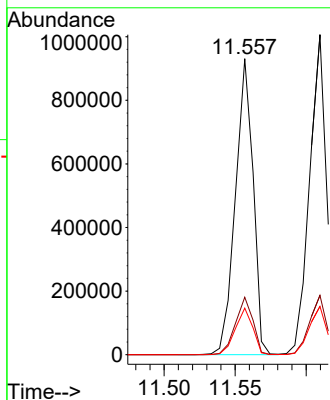
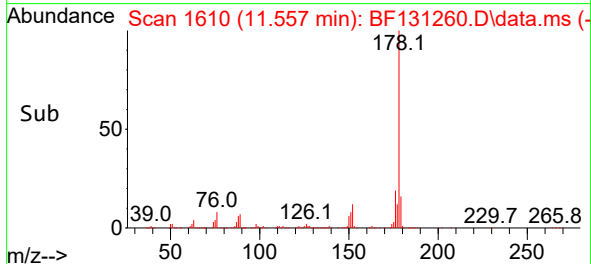
Instrument :
BNA_F
ClientSampleId :
PB148898BS



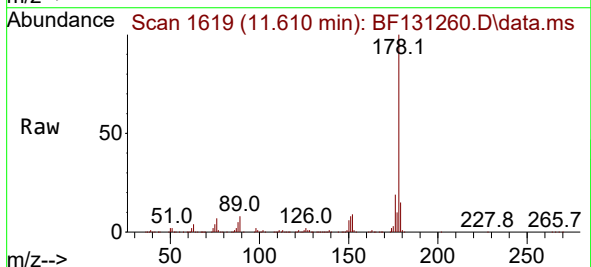
Tgt Ion:178 Resp: 809775
Ion Ratio Lower Upper
178 100
176 19.4 15.3 22.9
179 15.7 12.1 18.1

Manual Integrations
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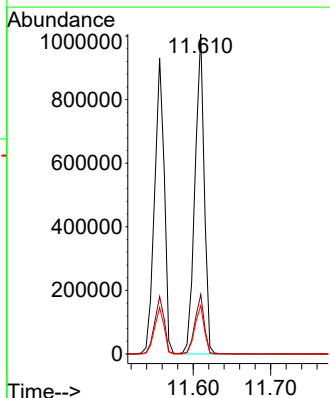
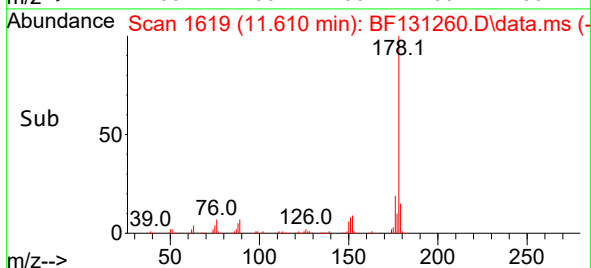
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

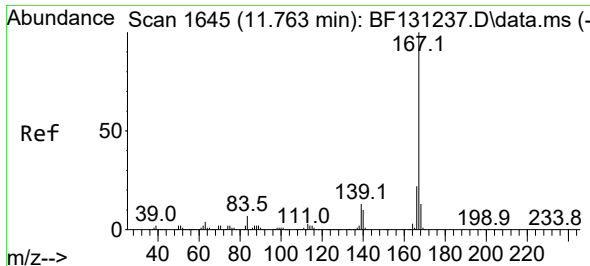


#72
Anthracene
Concen: 42.243 ng
RT: 11.610 min Scan# 1619
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



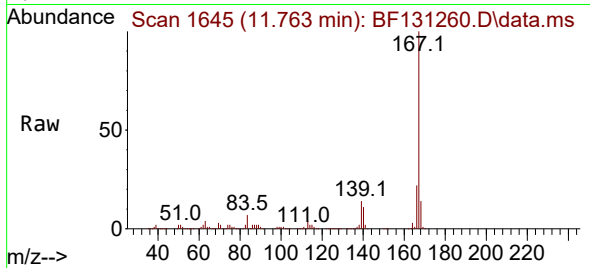
Tgt Ion:178 Resp: 835581
Ion Ratio Lower Upper
178 100
176 18.6 15.2 22.8
179 15.1 12.2 18.2





#73
 Carbazole
 Concen: 41.583 ng
 RT: 11.763 min Scan# 1645
 Delta R.T. -0.000 min
 Lab File: BF131260.D
 Acq: 16 Nov 2022 12:23

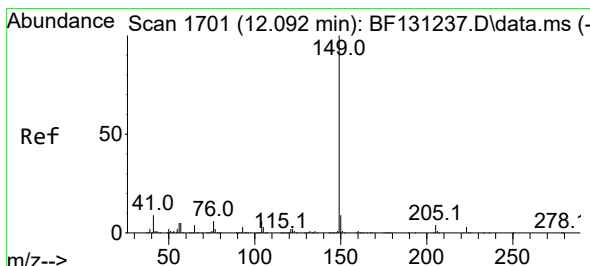
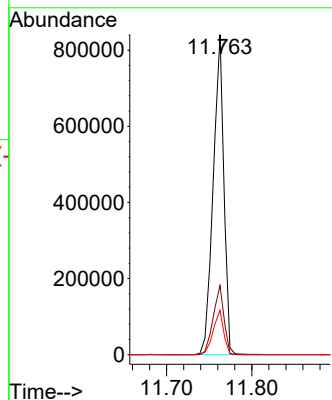
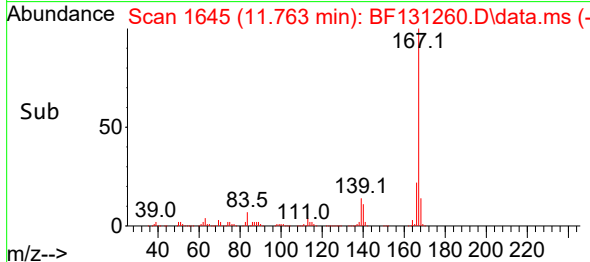
Instrument :
 BNA_F
 ClientSampleId :
 PB148898BS



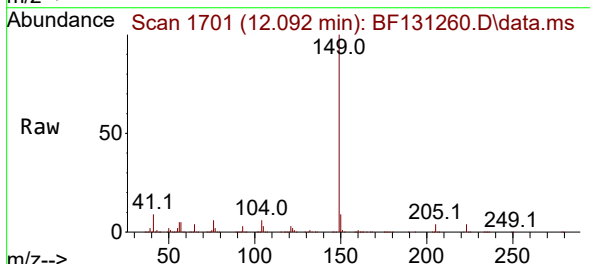
Tgt Ion:167 Resp: 73625
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.3 25.9
 139 13.9 10.3 15.5

Manual Integrations
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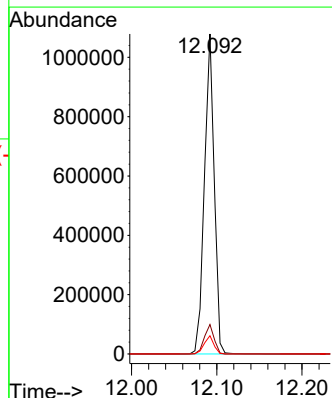
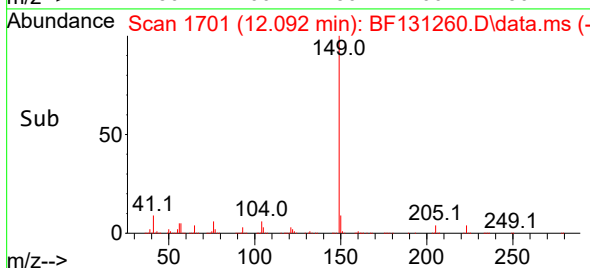
Reviewed By :Christian Giraldo 11/17/2022
 Supervised By :mohammad ahmed 11/17/2022

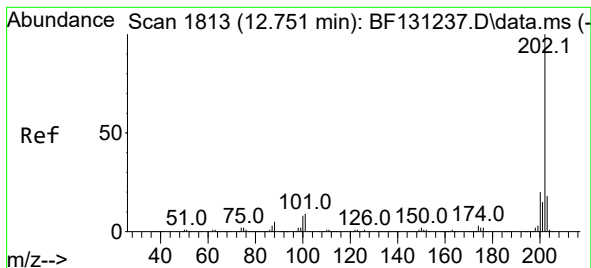


#74
 Di-n-butylphthalate
 Concen: 41.755 ng
 RT: 12.092 min Scan# 1701
 Delta R.T. -0.000 min
 Lab File: BF131260.D
 Acq: 16 Nov 2022 12:23



Tgt Ion:149 Resp: 860411
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 41.042 ng

RT: 12.751 min Scan# 1813

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

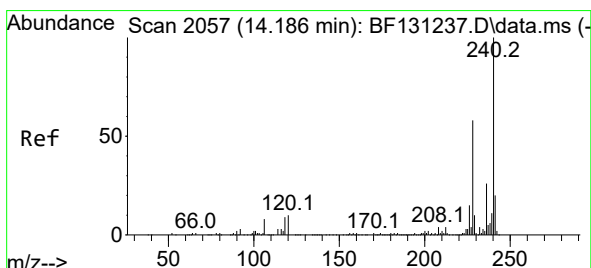
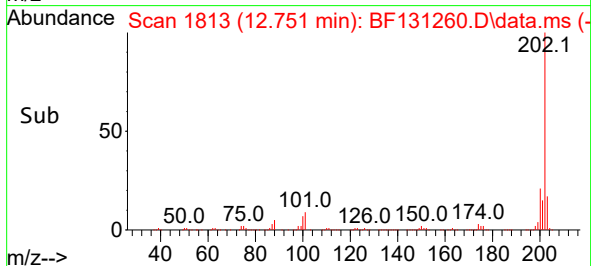
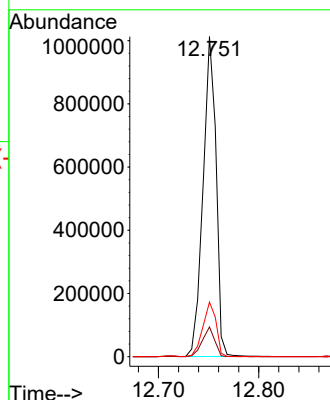
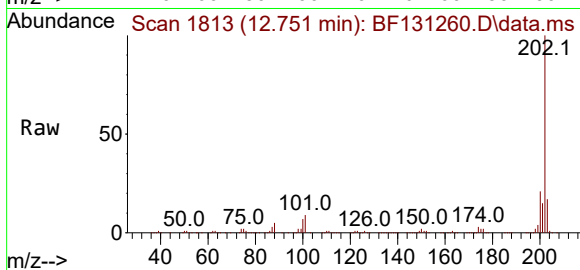
PB148898BS

Tgt Ion:	202	Resp:	91652
Ion Ratio	Lower	Upper	
202	100		
101	9.3	0.0	29.4
203	17.0	0.0	37.7

Manual Integrations

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Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#76

Chrysene-d12

Concen: 20.000 ng

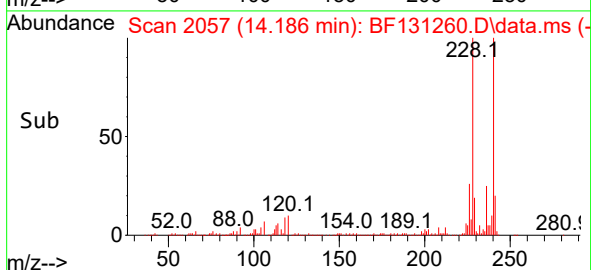
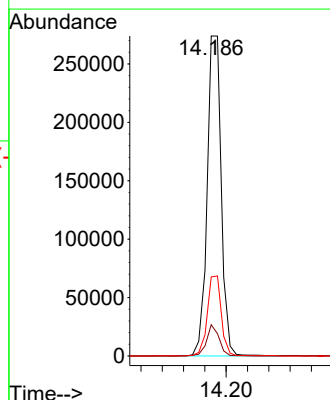
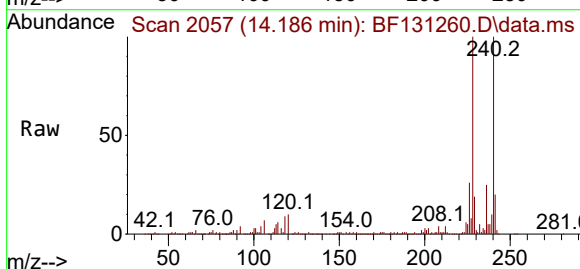
RT: 14.186 min Scan# 2057

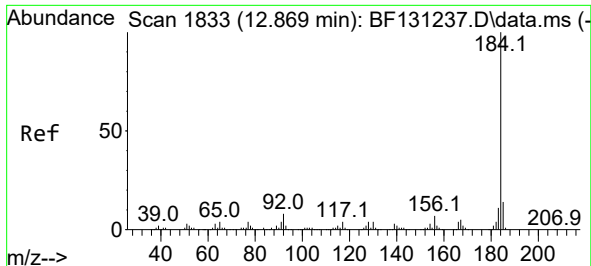
Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

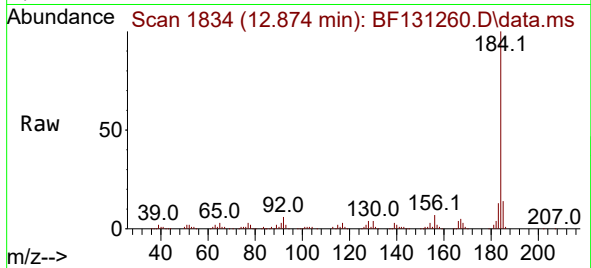
Tgt Ion:	240	Resp:	252563
Ion Ratio	Lower	Upper	
240	100		
120	9.8	7.8	11.6
236	24.7	20.6	31.0





#77
Benzidine
Concen: 34.577 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.005 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

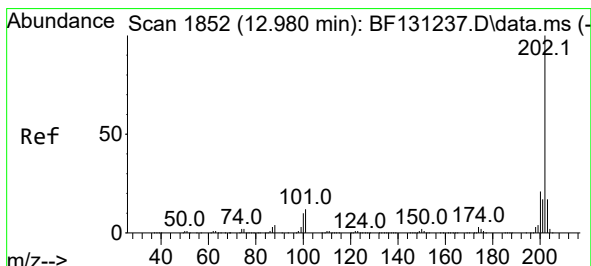
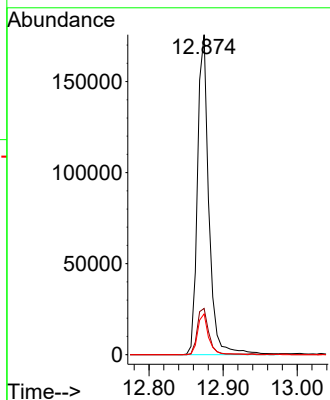
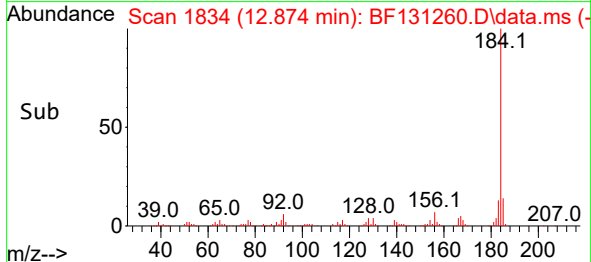
Instrument :
BNA_F
ClientSampleId :
PB148898BS



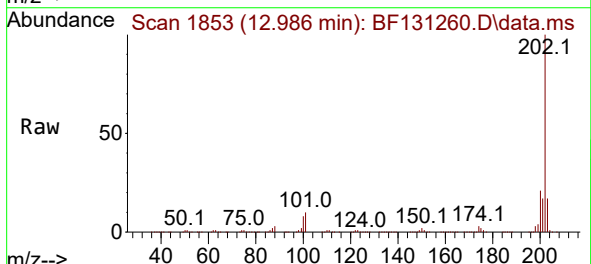
Tgt Ion:184 Resp: 18714
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.2
183 12.8 9.0 13.4

Manual Integrations
APPROVED

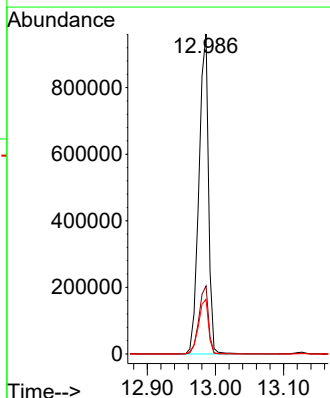
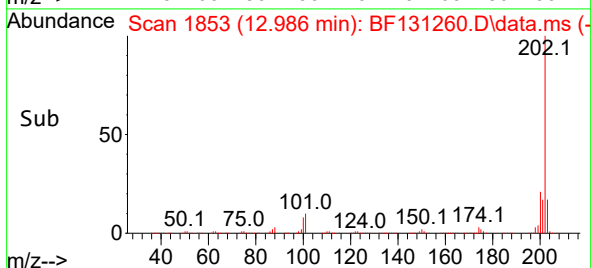
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

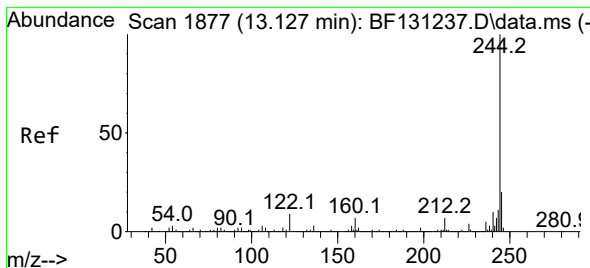


#78
Pyrene
Concen: 42.982 ng
RT: 12.986 min Scan# 1853
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:202 Resp: 935783
Ion Ratio Lower Upper
202 100
200 21.3 16.4 24.6
203 17.0 14.0 21.0





#79

Terphenyl-d14

Concen: 92.398 ng

RT: 13.127 min Scan# 1877

Delta R.T. 0.000 min

Lab File: BF131260.D

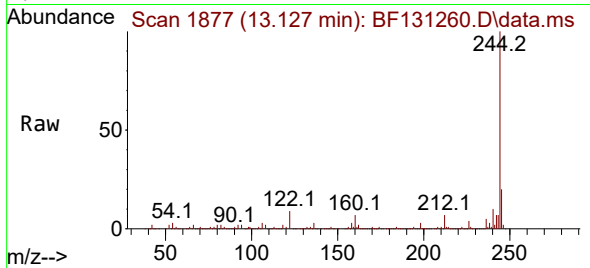
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS



Tgt Ion:244 Resp: 1358910

Ion Ratio Lower Upper

244 100

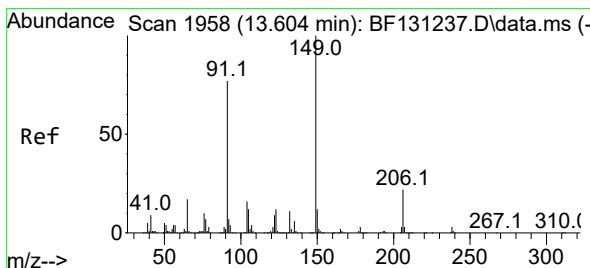
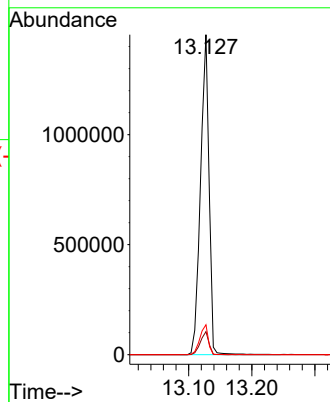
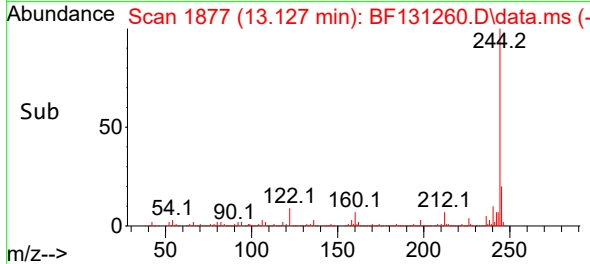
212 7.2 5.8 8.6

122 9.4 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#80

Butylbenzylphthalate

Concen: 46.840 ng

RT: 13.604 min Scan# 1958

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

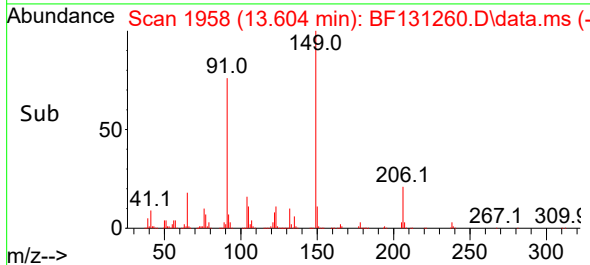
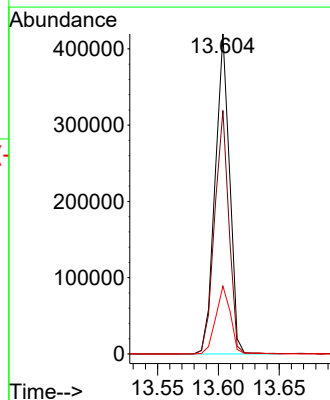
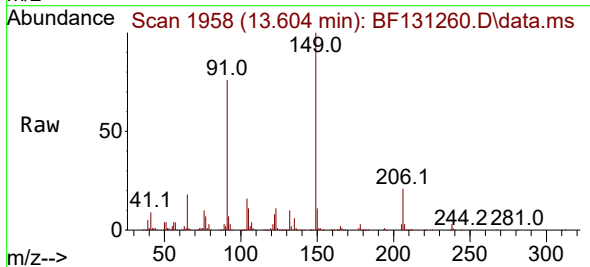
Tgt Ion:149 Resp: 345600

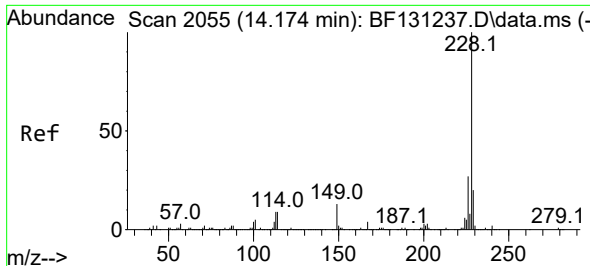
Ion Ratio Lower Upper

149 100

91 76.1 61.5 92.3

206 21.2 17.4 26.2





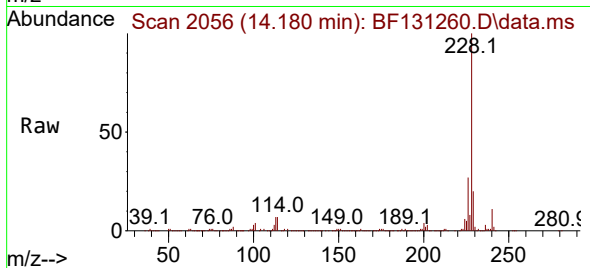
#81
Benzo(a)anthracene
Concen: 41.484 ng
RT: 14.180 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

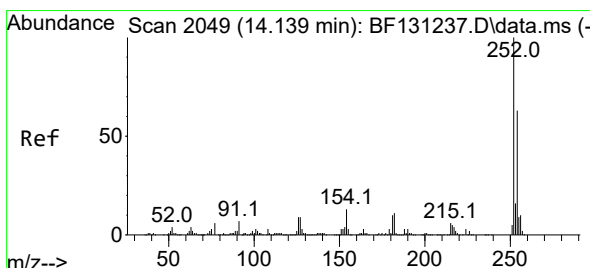
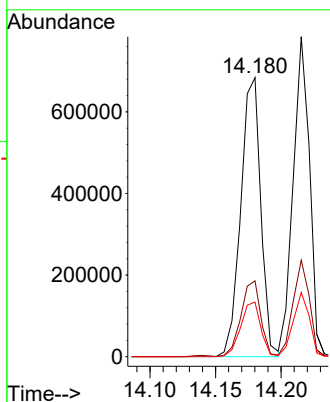
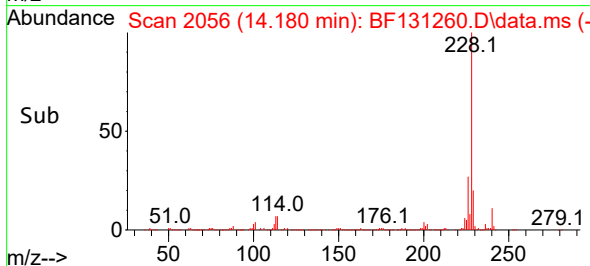


Tgt Ion:228 Resp: 728159
Ion Ratio Lower Upper
228 100
226 27.2 21.3 31.9
229 19.5 15.8 23.6

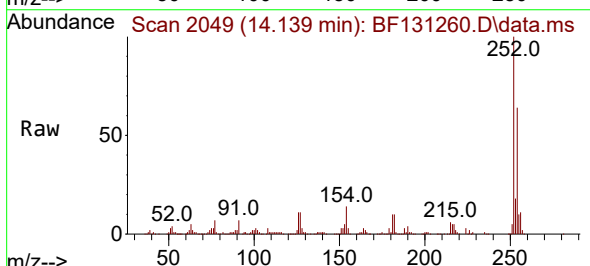
Manual Integrations

APPROVED

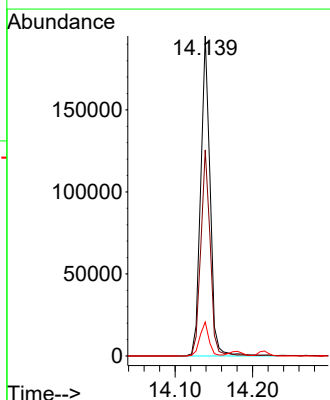
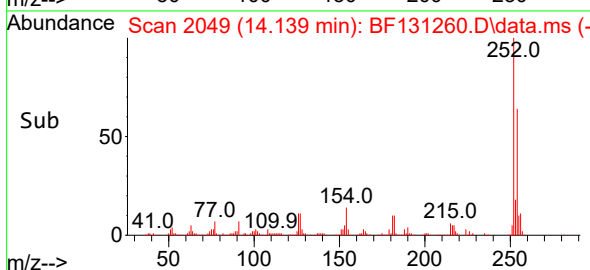
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

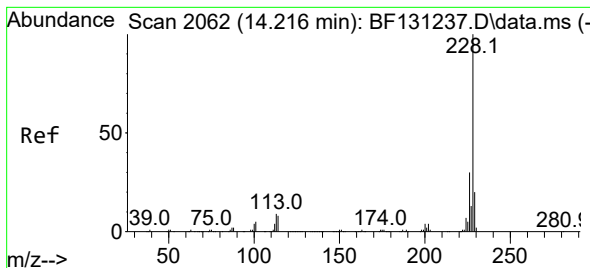


#82
3,3'-Dichlorobenzidine
Concen: 32.009 ng
RT: 14.139 min Scan# 2049
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:252 Resp: 164402
Ion Ratio Lower Upper
252 100
254 64.4 50.2 75.4
126 10.6 7.4 11.2





#83

Chrysene

Concen: 40.082 ng

RT: 14.215 min Scan# 2062

Delta R.T. -0.000 min

Lab File: BF131260.D

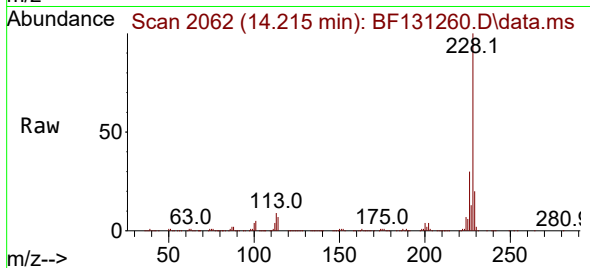
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS



Tgt Ion:228 Resp: 685370

Ion Ratio Lower Upper

228 100

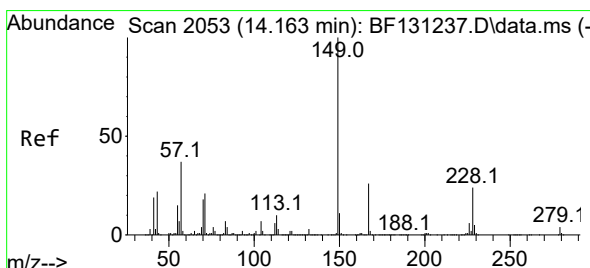
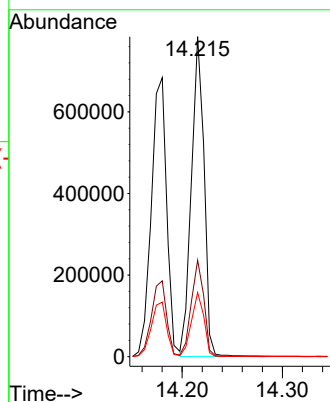
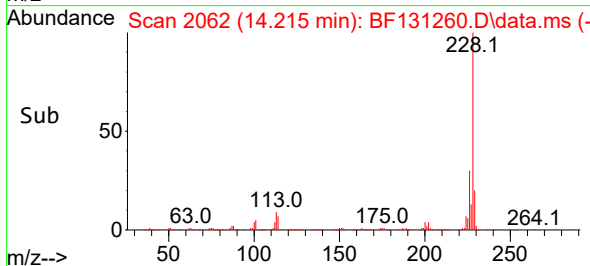
226 30.2 23.8 35.6

229 20.1 15.9 23.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.847 ng

RT: 14.162 min Scan# 2053

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

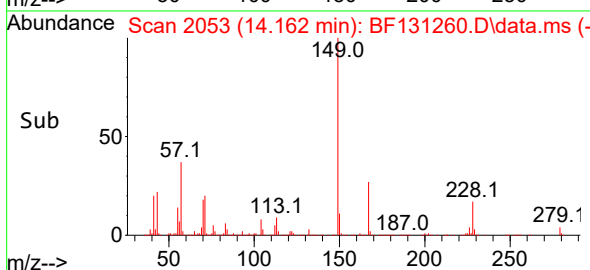
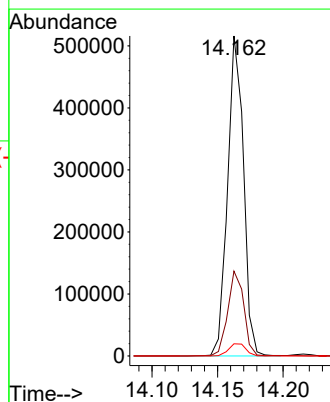
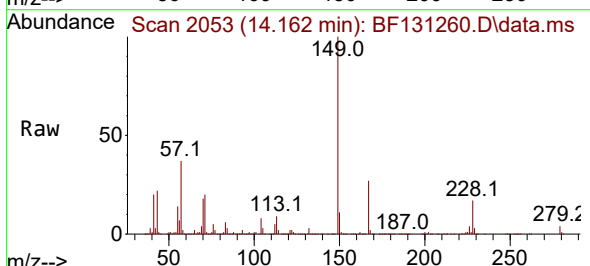
Tgt Ion:149 Resp: 434718

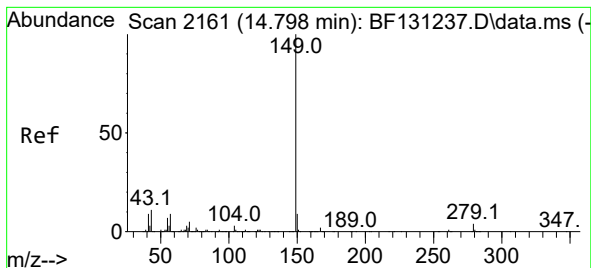
Ion Ratio Lower Upper

149 100

167 26.5 20.9 31.3

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 45.674 ng

RT: 14.792 min Scan# 2161

Delta R.T. -0.006 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

Tgt Ion:149 Resp: 598938

Ion Ratio Lower Upper

149 100

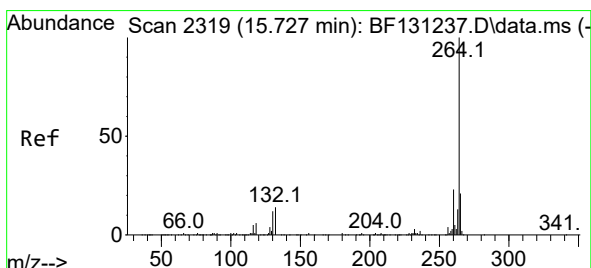
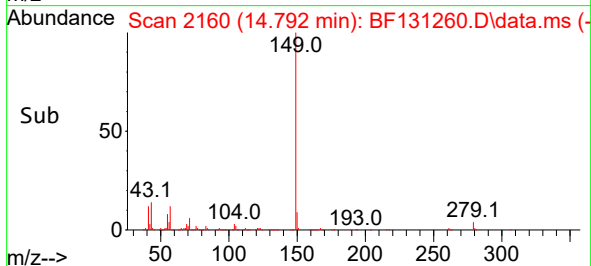
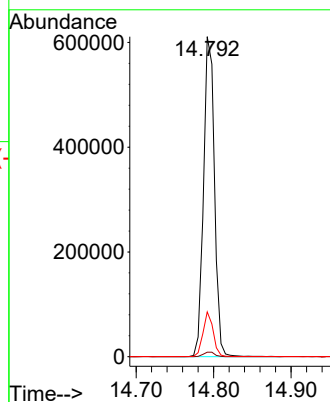
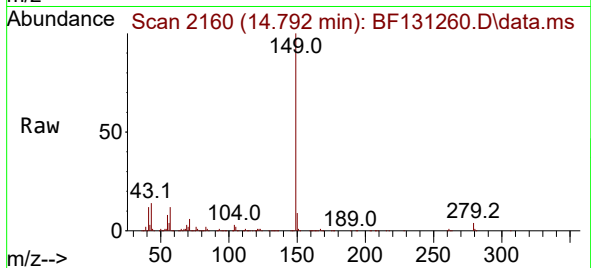
167 1.5 1.3 1.9

43 13.0 10.1 15.1

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.727 min Scan# 2319

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

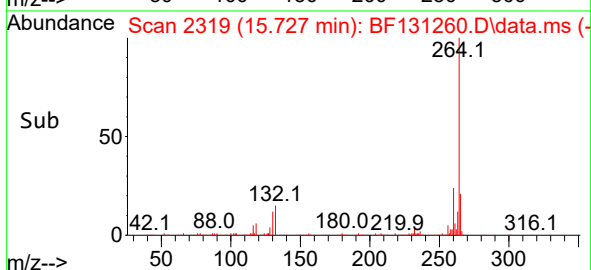
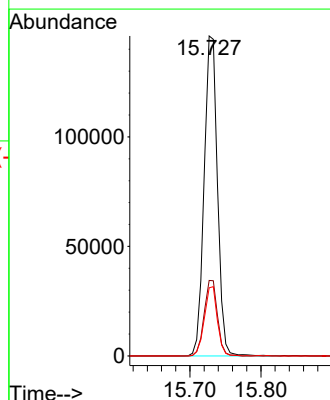
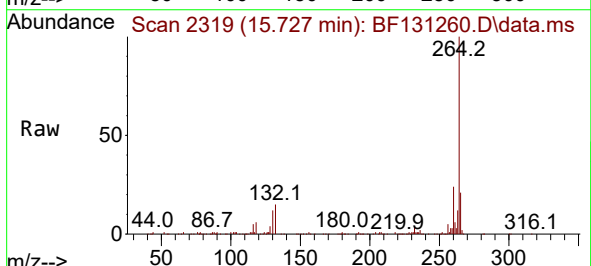
Tgt Ion:264 Resp: 191277

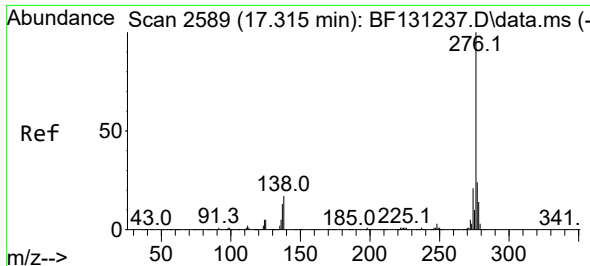
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.3 16.6 24.8





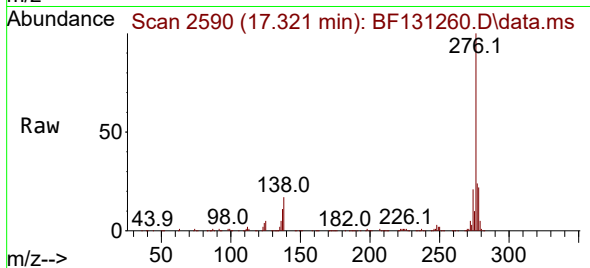
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.581 ng
RT: 17.321 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

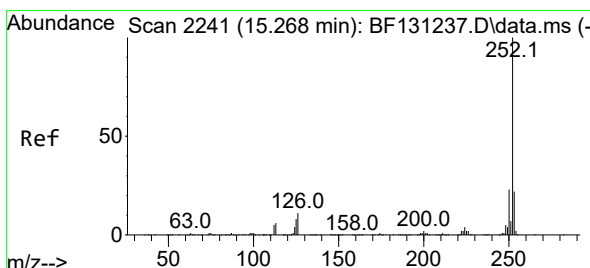
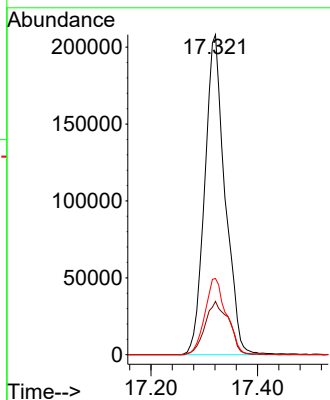
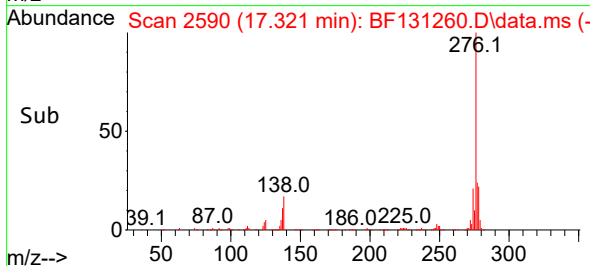
PB148898BS



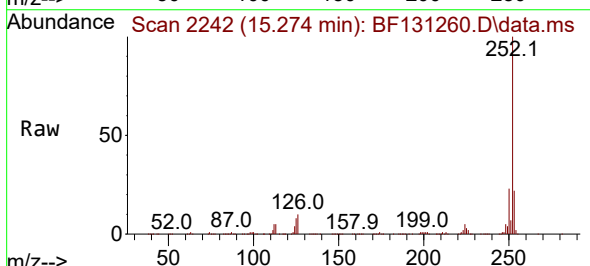
Tgt Ion:276 Resp: 55070
Ion Ratio Lower Upper
276 100
138 19.4 16.6 24.8
277 25.4 20.2 30.2

Manual Integrations
APPROVED

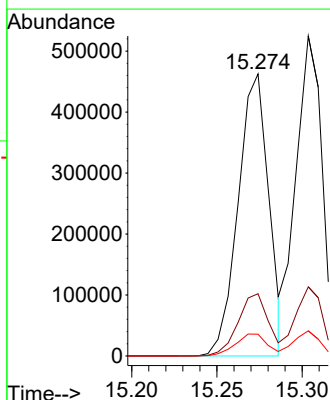
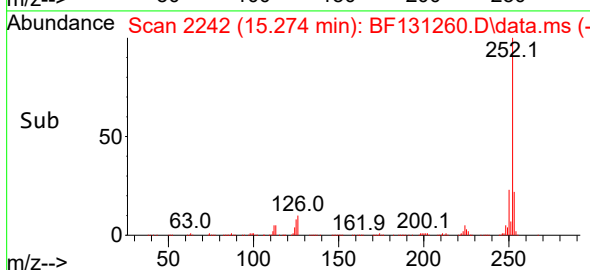
Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

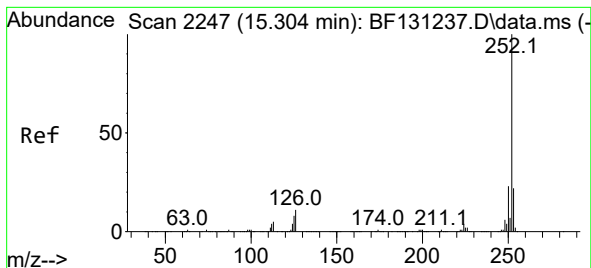


#88
Benzo(b)fluoranthene
Concen: 43.319 ng
RT: 15.274 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:252 Resp: 578520
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 7.7 6.6 9.8





#89

Benzo(k)fluoranthene

Concen: 43.130 ng

RT: 15.304 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

Instrument :

BNA_F

ClientSampleId :

PB148898BS

Tgt Ion:252 Resp: 570999

Ion Ratio Lower Upper

252 100

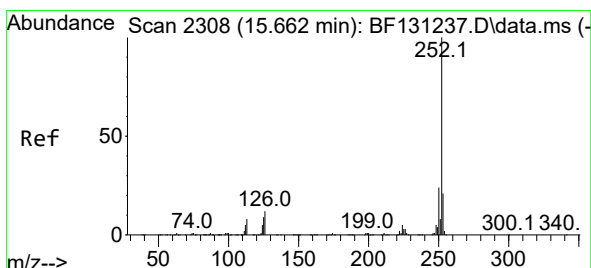
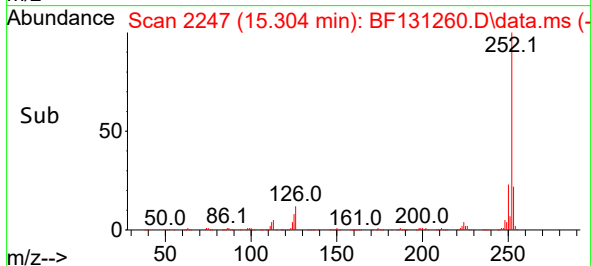
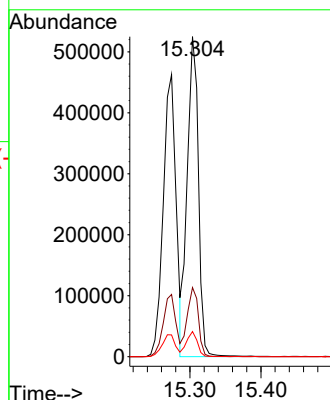
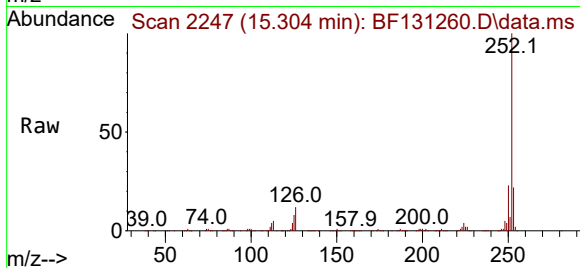
253 21.6 17.5 26.3

125 7.8 6.6 9.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#90

Benzo(a)pyrene

Concen: 45.728 ng

RT: 15.668 min Scan# 2309

Delta R.T. 0.006 min

Lab File: BF131260.D

Acq: 16 Nov 2022 12:23

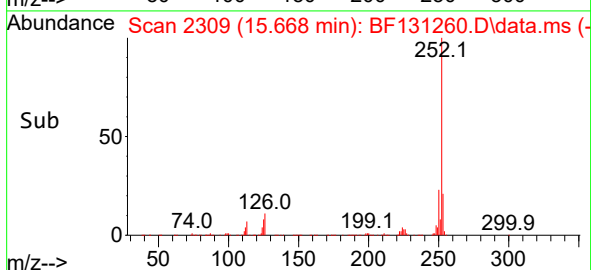
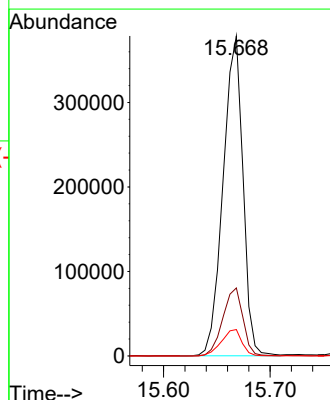
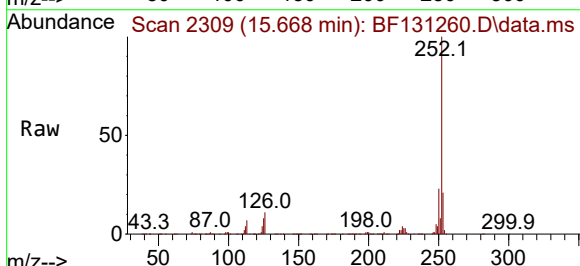
Tgt Ion:252 Resp: 488163

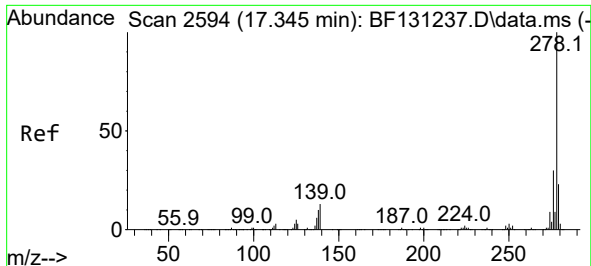
Ion Ratio Lower Upper

252 100

253 21.3 16.9 25.3

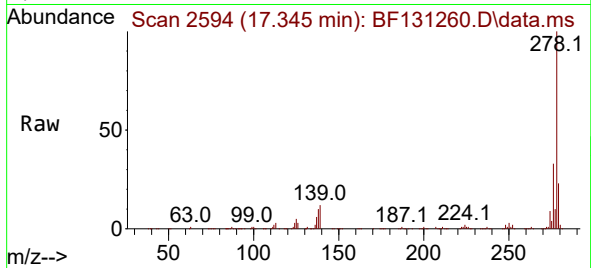
125 8.3 7.0 10.4





#91
Dibenzo(a,h)anthracene
Concen: 45.566 ng
RT: 17.345 min Scan# 2594
Delta R.T. -0.000 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23

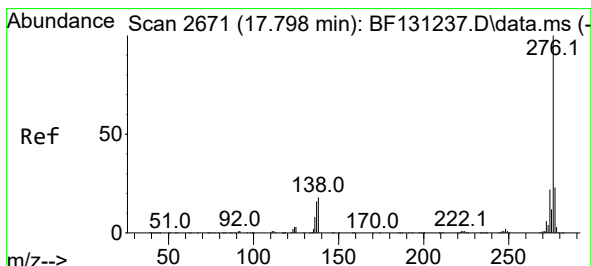
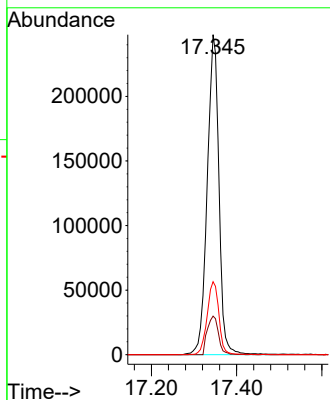
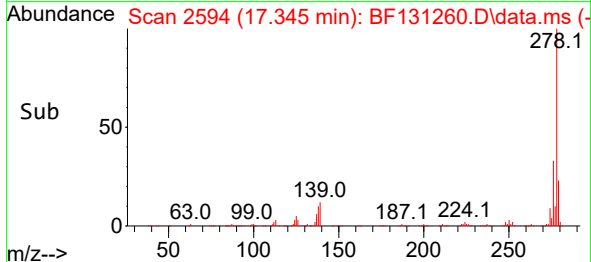
Instrument :
BNA_F
ClientSampleId :
PB148898BS



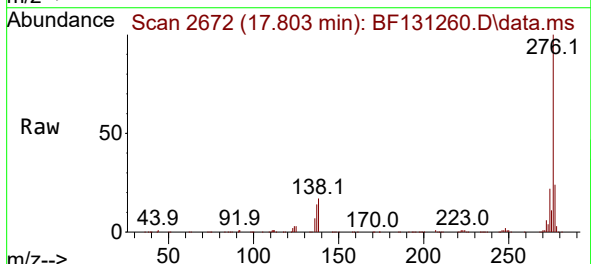
Tgt Ion:278 Resp: 472400
Ion Ratio Lower Upper
278 100
139 12.0 10.1 15.1
279 22.8 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022



#92
Benzo(g,h,i)perylene
Concen: 39.500 ng
RT: 17.803 min Scan# 2672
Delta R.T. 0.005 min
Lab File: BF131260.D
Acq: 16 Nov 2022 12:23



Tgt Ion:276 Resp: 450347
Ion Ratio Lower Upper
276 100
277 23.7 18.6 27.8
138 16.5 14.5 21.7

