

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072324\
 Data File : BF138630.D
 Acq On : 23 Jul 2024 21:09
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

Quant Time: Jul 24 01:17:26 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 09 16:58:40 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	96358	20.000	ng	-0.01
21) Naphthalene-d8	8.139	136	371938	20.000	ng	-0.01
39) Acenaphthene-d10	9.892	164	184908	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	245998	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	160441	20.000	ng	-0.02
86) Perylene-d12	15.468	264	134497	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	493043	81.037	ng	-0.01
7) Phenol-d6	6.498	99	665143	82.180	ng	0.00
23) Nitrobenzene-d5	7.422	82	625011	82.505	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	120258	69.588	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	995367	84.132	ng	-0.02
79) Terphenyl-d14	12.951	244	576165	58.504	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.622	88	110552	41.027	ng	96
3) Pyridine	3.375	79	280515	42.213	ng	96
4) n-Nitrosodimethylamine	3.340	42	169238	39.123	ng	92
6) Aniline	6.522	93	301408	39.759	ng	# 69
8) 2-Chlorophenol	6.645	128	257696	40.056	ng	96
9) Benzaldehyde	6.410	77	199147	45.969	ng	97
10) Phenol	6.510	94	345395	40.204	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	262466	40.578	ng	98
12) 1,3-Dichlorobenzene	6.798	146	284015	39.275	ng	99
13) 1,4-Dichlorobenzene	6.875	146	290074	39.502	ng	98
14) 1,2-Dichlorobenzene	7.028	146	267622	39.130	ng	97
15) Benzyl Alcohol	6.998	79	248090	40.844	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.128	45	462221	36.338	ng	77
17) 2-Methylphenol	7.116	107	217293	41.212	ng	96
18) Hexachloroethane	7.363	117	106762	39.547	ng	94
19) n-Nitroso-di-n-propyla...	7.275	70	196568	39.305	ng	93
20) 3+4-Methylphenols	7.269	107	270288	40.709	ng	96
22) Acetophenone	7.269	105	367331	40.664	ng	98
24) Nitrobenzene	7.445	77	314090	40.800	ng	97
25) Isophorone	7.681	82	530628	40.788	ng	99
26) 2-Nitrophenol	7.757	139	138210	41.888	ng	97
27) 2,4-Dimethylphenol	7.792	122	164882	40.658	ng	99
28) bis(2-Chloroethoxy)met...	7.887	93	320117	41.173	ng	97
29) 2,4-Dichlorophenol	7.998	162	208100	39.516	ng	99
30) 1,2,4-Trichlorobenzene	8.081	180	233037	37.986	ng	99
31) Naphthalene	8.163	128	770014	39.807	ng	100
32) Benzoic acid	7.922	122	140527	36.332	ng	95
33) 4-Chloroaniline	8.210	127	249157	36.710	ng	99
34) Hexachlorobutadiene	8.275	225	142980	37.848	ng	100
35) Caprolactam	8.592	113	67021	39.440	ng	98
36) 4-Chloro-3-methylphenol	8.692	107	231561	39.277	ng	99
37) 2-Methylnaphthalene	8.851	142	478771	38.461	ng	100
38) 1-Methylnaphthalene	8.945	142	466597	38.407	ng	100
40) 1,2,4,5-Tetrachloroben...	9.016	216	214519	41.626	ng	100
41) Hexachlorocyclopentadiene	8.998	237	41351	24.721	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	132724	40.375	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	142088	39.298	ng	94
46) 1,1'-Biphenyl	9.316	154	596755	42.585	ng	99
47) 2-Chloronaphthalene	9.339	162	432409	40.846	ng	98
48) 2-Nitroaniline	9.434	65	159279	43.418	ng	92
49) Acenaphthylene	9.751	152	607458	40.416	ng	100
50) Dimethylphthalate	9.616	163	508502	42.529	ng	100
51) 2,6-Dinitrotoluene	9.681	165	113120	41.090	ng	90
52) Acenaphthene	9.928	154	410043m	41.042	ng	
53) 3-Nitroaniline	9.845	138	107667	38.158	ng	87
54) 2,4-Dinitrophenol	9.957	184	32782	25.561	ng	93
55) Dibenzofuran	10.098	168	568069	39.201	ng	100
56) 4-Nitrophenol	10.010	139	63990	30.736	ng	99
57) 2,4-Dinitrotoluene	10.081	165	136836	38.416	ng	96
58) Fluorene	10.439	166	435758	38.003	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.216	232	99968	35.033	ng	98
60) Diethylphthalate	10.310	149	481052	41.734	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	220573	38.309	ng	94
62) 4-Nitroaniline	10.457	138	98756	34.928	ng	100
63) Azobenzene	10.586	77	487656	39.351	ng	98
65) 4,6-Dinitro-2-methylph...	10.486	198	54263	38.202	ng	78
66) n-Nitrosodiphenylamine	10.551	169	367383	49.847	ng	98
67) 4-Bromophenyl-phenylether	10.916	248	119999	47.460	ng	96
68) Hexachlorobenzene	10.980	284	123900	44.110	ng	98
69) Atrazine	11.069	200	80845	33.085	ng	98
70) Pentachlorophenol	11.180	266	56847	34.202	ng	97
71) Phenanthrene	11.398	178	503749	40.533	ng	99
72) Anthracene	11.451	178	495493	40.164	ng	100
73) Carbazole	11.604	167	412192	37.179	ng	99
74) Di-n-butylphthalate	11.933	149	583714	45.676	ng	99
75) Fluoranthene	12.586	202	432755	34.125	ng	99
77) Benzidine	12.710	184	130652	32.276	ng	99
78) Pyrene	12.816	202	440452	27.043	ng	100
80) Butylbenzylphthalate	13.427	149	190262	38.834	ng	97
81) Benzo(a)anthracene	13.998	228	450733	41.868	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	128740	46.409	ng	98
83) Chrysene	14.039	228	385562	37.858	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	275316	52.689	ng	100
85) Di-n-octyl phthalate	14.592	149	501354	60.736	ng	99
87) Indeno(1,2,3-cd)pyrene	16.933	276	244361	27.048	ng	99
88) Benzo(b)fluoranthene	15.045	252	356531	47.070	ng	99
89) Benzo(k)fluoranthene	15.074	252	354012m	47.922	ng	
90) Benzo(a)pyrene	15.410	252	275290	41.373	ng	99
91) Dibenzo(a,h)anthracene	16.945	278	201376	27.250	ng	99
92) Benzo(g,h,i)perylene	17.374	276	203074	25.914	ng	98

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

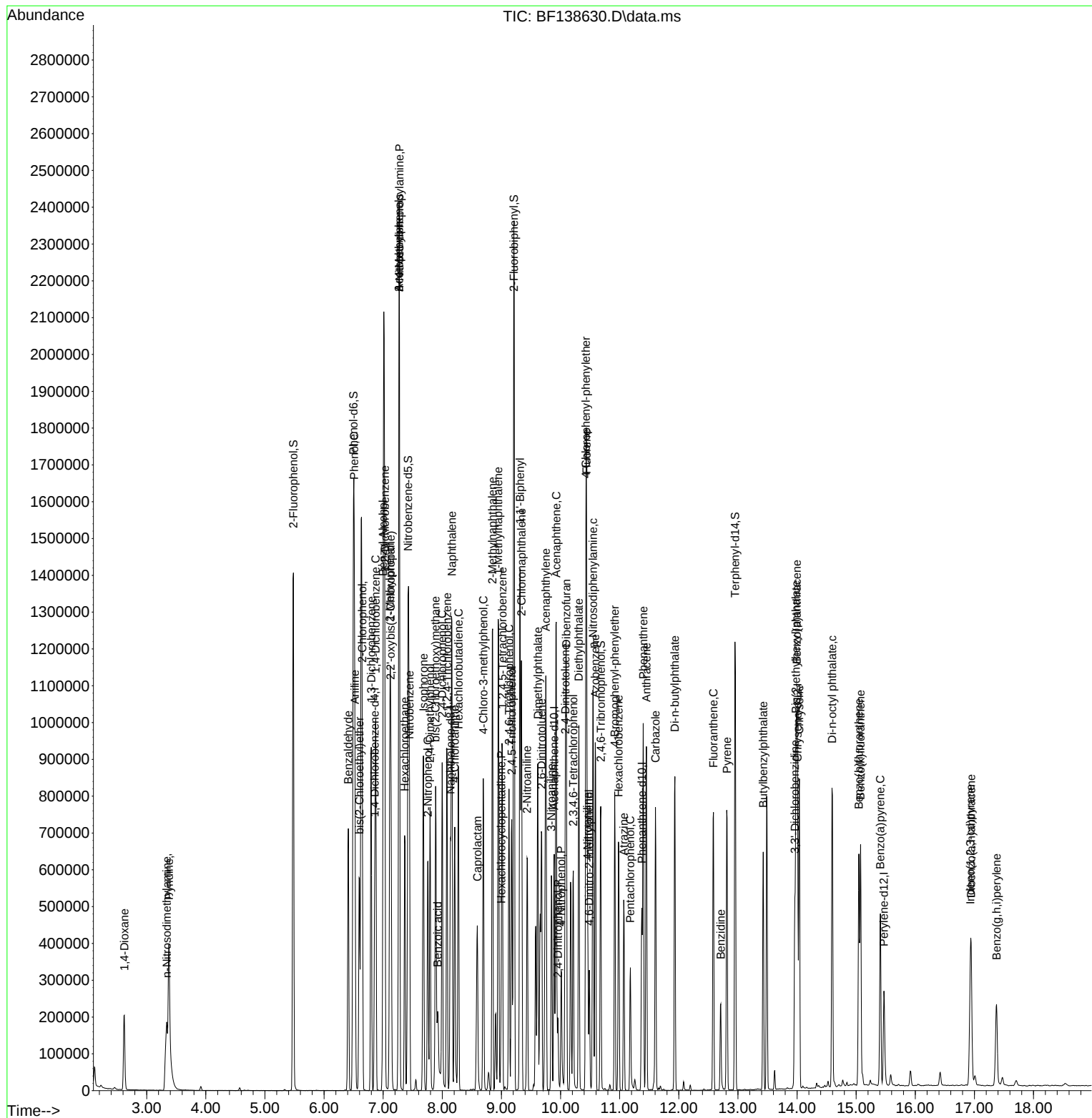
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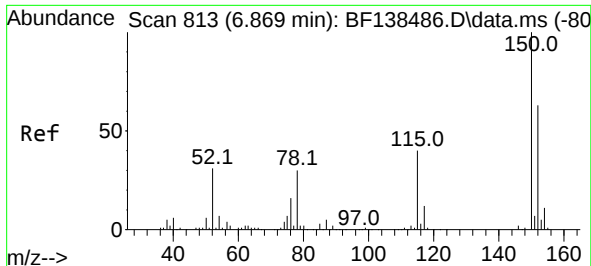
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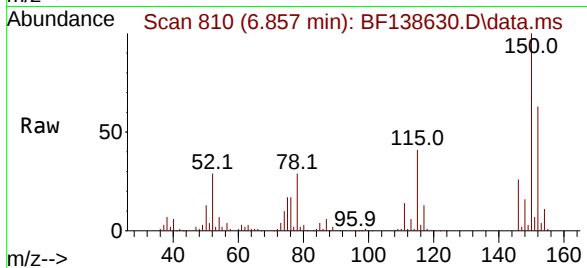
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

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SSTDCCC040EC



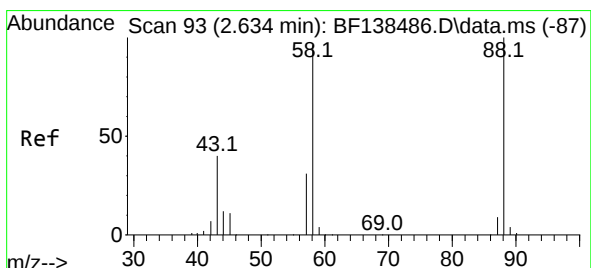
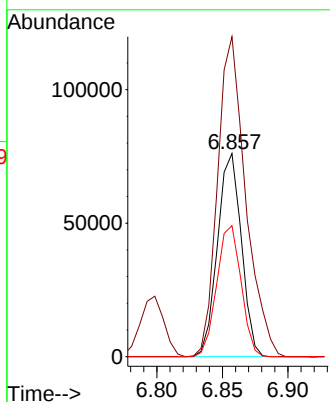
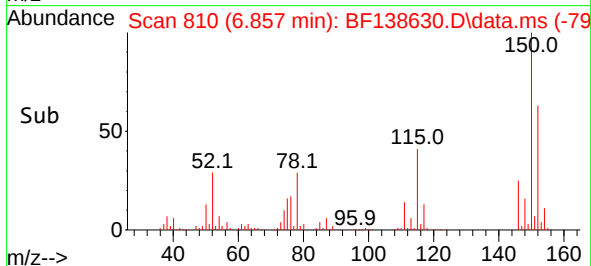
Tgt Ion:152 Resp: 96358
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.4
115 64.5 50.3 75.5

Manual Integrations

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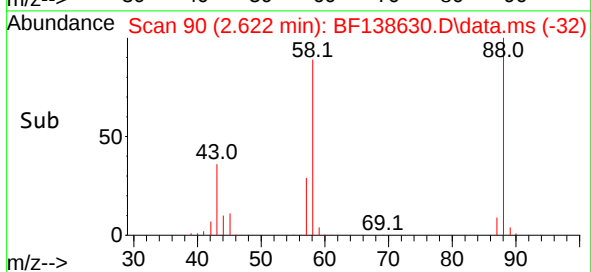
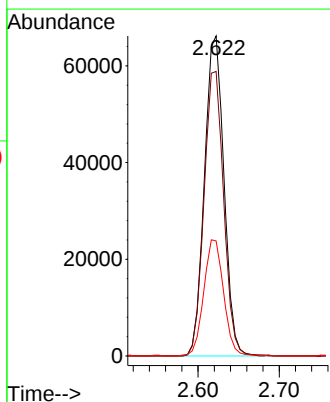
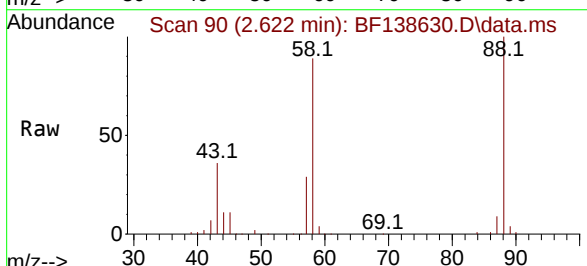
Reviewed By :Yogesh Patel 07/30/2024

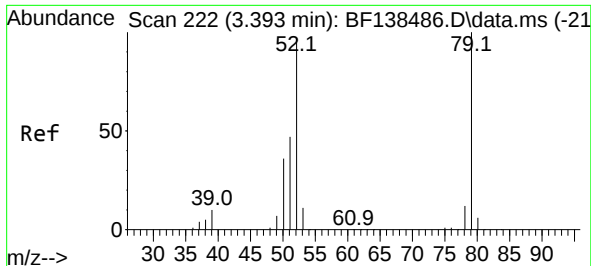
Supervised By :mohammad ahmed 07/30/2024



#2
1,4-Dioxane
Concen: 41.027 ng
RT: 2.622 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion: 88 Resp: 110552
Ion Ratio Lower Upper
88 100
58 89.4 74.6 112.0
43 37.0 31.8 47.6





#3

Pyridine

Concen: 42.213 ng

RT: 3.375 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

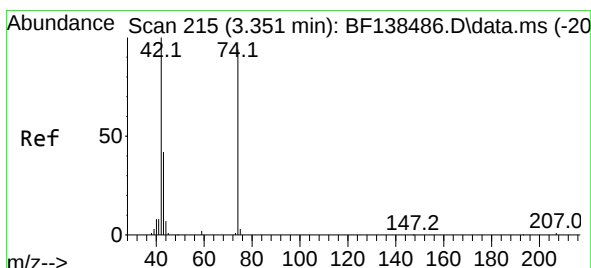
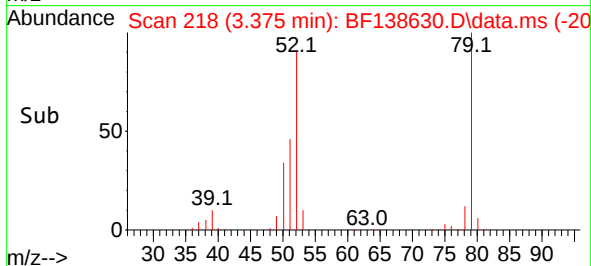
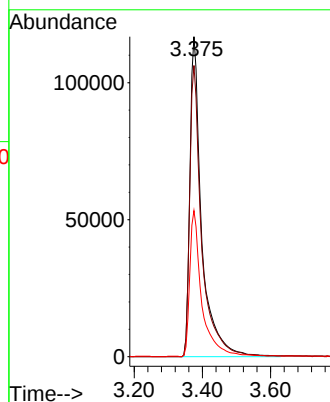
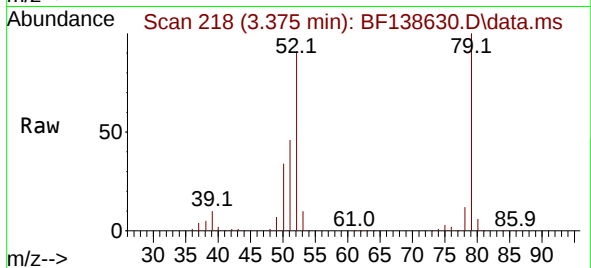
Tgt Ion:	79	Resp:	28051
Ion	Ratio	Lower	Upper
79	100		
52	91.0	77.4	116.2
51	45.7	37.4	56.0

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#4

n-Nitrosodimethylamine

Concen: 39.123 ng

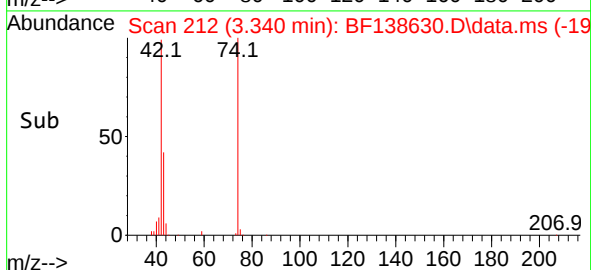
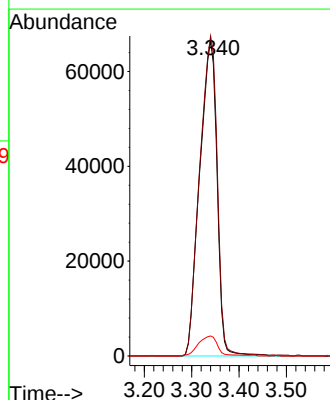
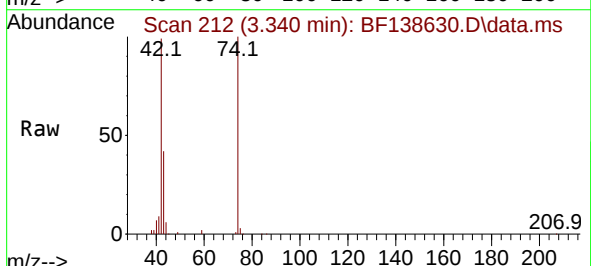
RT: 3.340 min Scan# 212

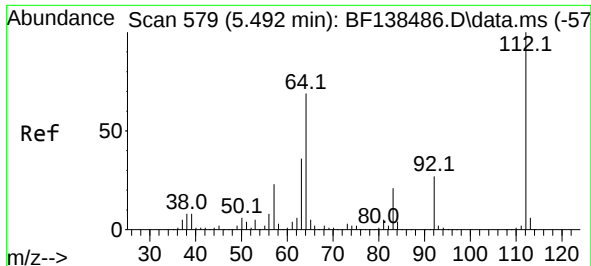
Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion:	42	Resp:	169238
Ion	Ratio	Lower	Upper
42	100		
74	101.5	75.0	112.6
44	6.3	5.4	8.2





#5
2-Fluorophenol
Concen: 81.037 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.012 min
Lab File: BF138630.D
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Instrument :

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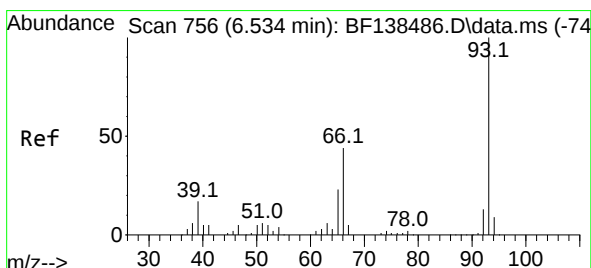
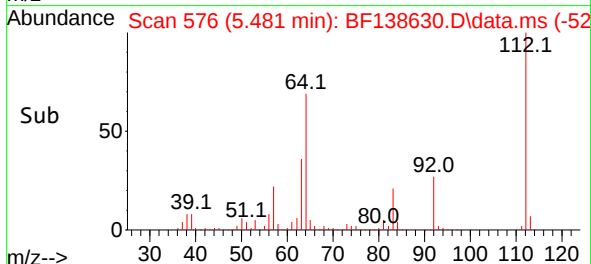
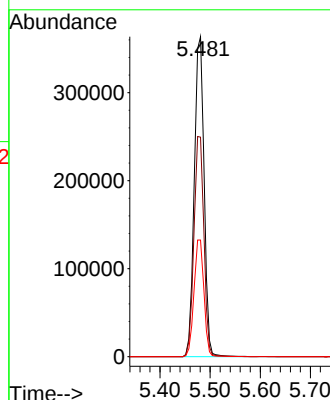
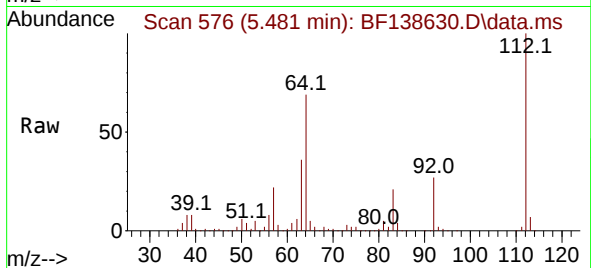
ClientSampleId :

SSTDCCC040EC

Tgt Ion:112 Resp: 49304
Ion Ratio Lower Upper
112 100
64 68.6 55.1 82.7
63 36.5 29.0 43.6

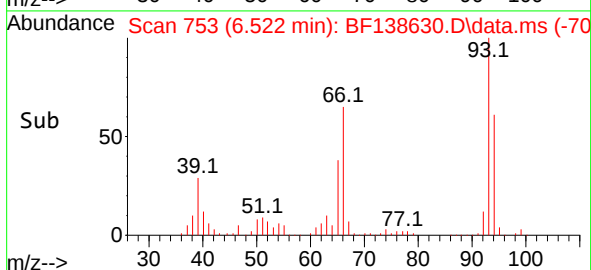
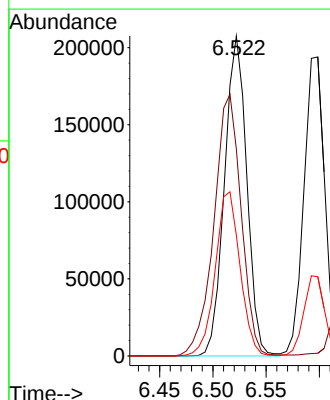
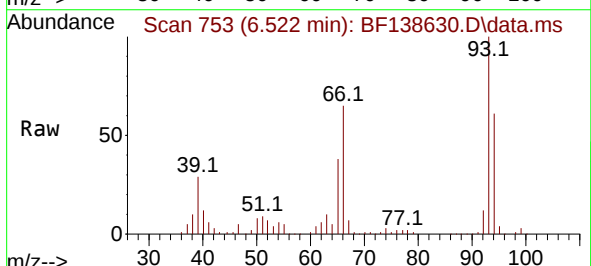
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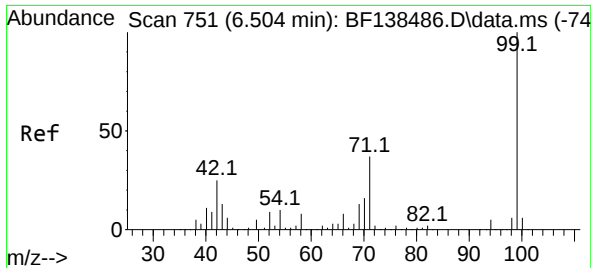
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#6
Aniline
Concen: 39.759 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.012 min
Lab File: BF138630.D
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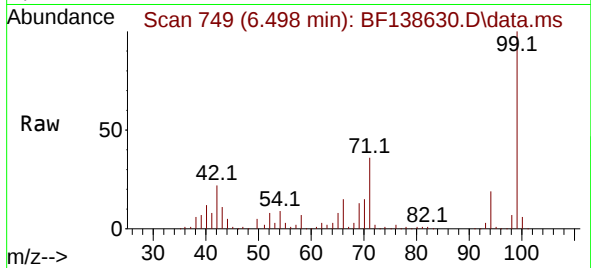
Tgt Ion: 93 Resp: 301408
Ion Ratio Lower Upper
93 100
66 64.7 35.4 53.0#
65 37.7 18.6 27.8#





#7
Phenol-d6
Concen: 82.180 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138630.D
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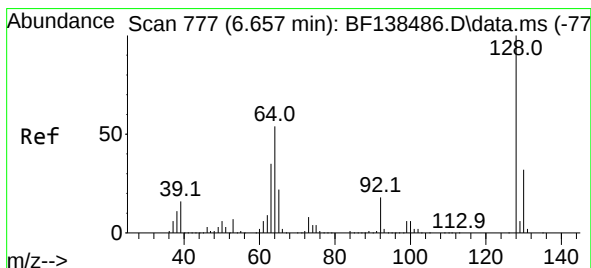
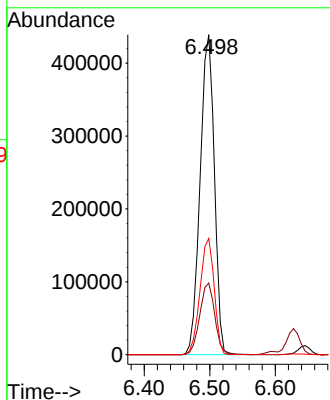
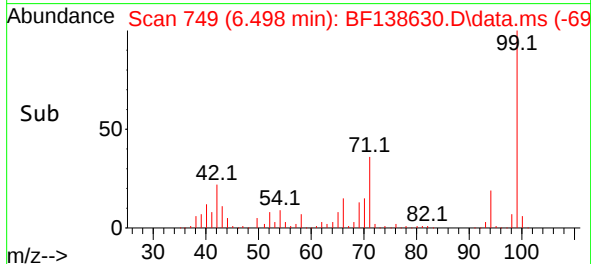
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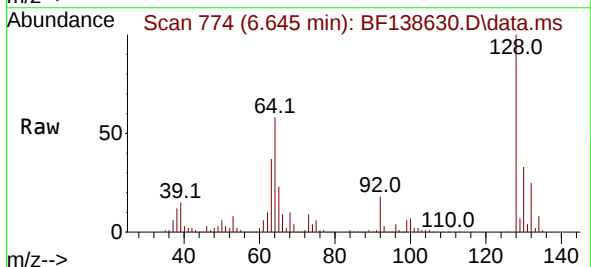
Tgt Ion: 99 Resp: 66514
Ion Ratio Lower Upper
99 100
42 22.4 19.7 29.5
71 36.3 29.9 44.9

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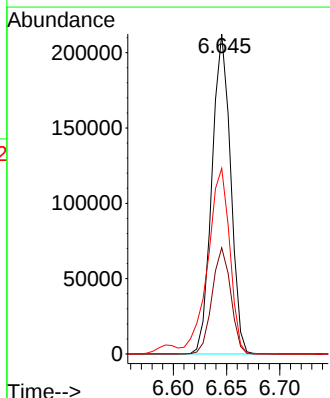
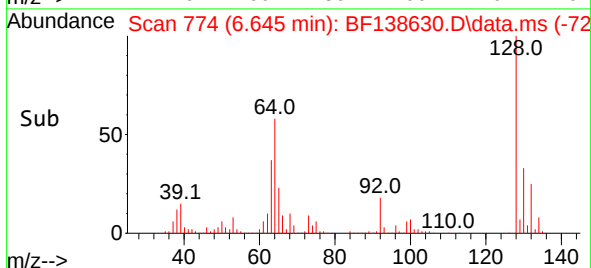
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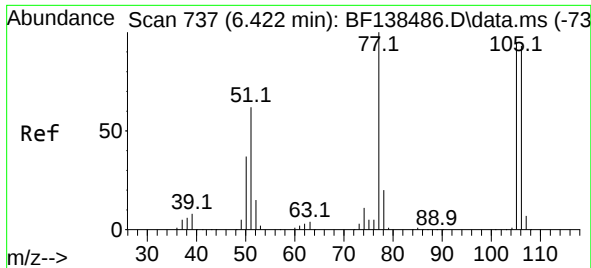


#8
2-Chlorophenol
Concen: 40.056 ng
RT: 6.645 min Scan# 774
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:128 Resp: 257696
Ion Ratio Lower Upper
128 100
130 33.2 12.1 52.1
64 58.0 34.4 74.4





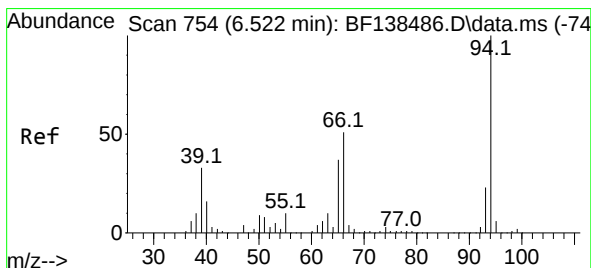
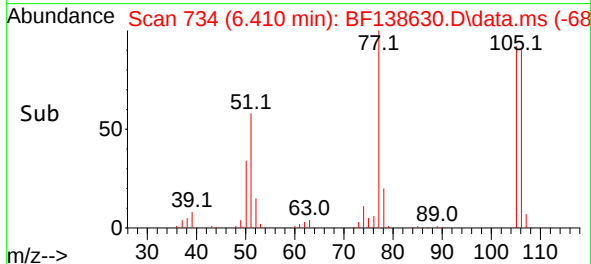
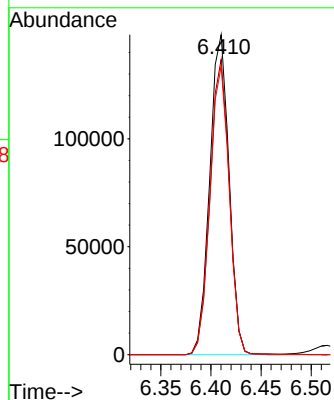
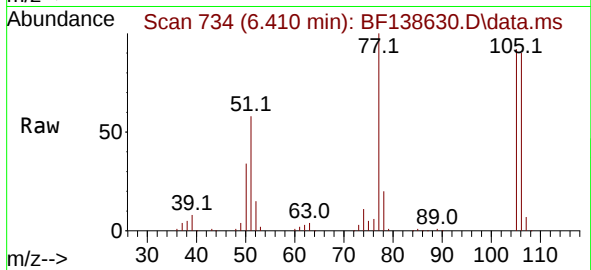
#9
Benzaldehyde
Concen: 45.969 ng
RT: 6.410 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF138630.D
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Tgt Ion: 77 Resp: 19914
Ion Ratio Lower Upper
77 100
105 92.3 75.1 115.1
106 90.1 73.2 113.2

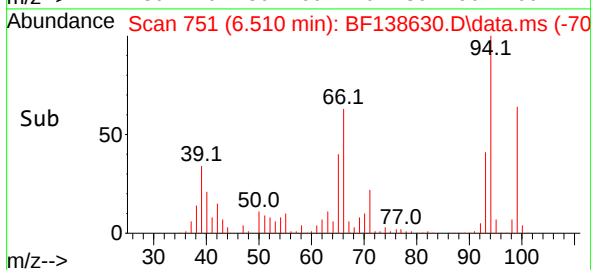
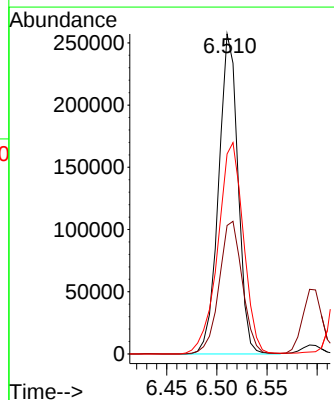
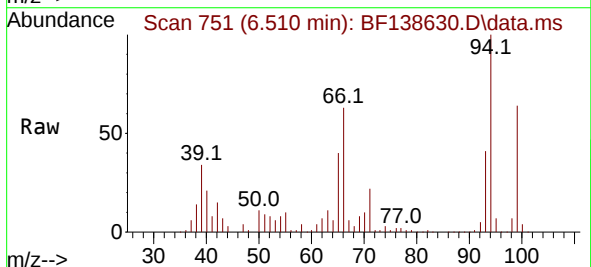
Manual Integrations
APPROVED

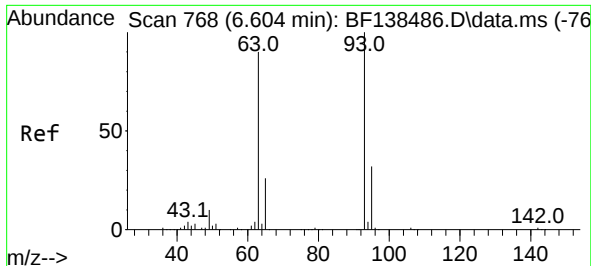
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#10
Phenol
Concen: 40.204 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion: 94 Resp: 345395
Ion Ratio Lower Upper
94 100
65 40.2 16.7 56.7
66 62.5 31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 40.578 ng

RT: 6.598 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 262460

Ion Ratio Lower Upper

93 100

63 86.5 68.8 108.8

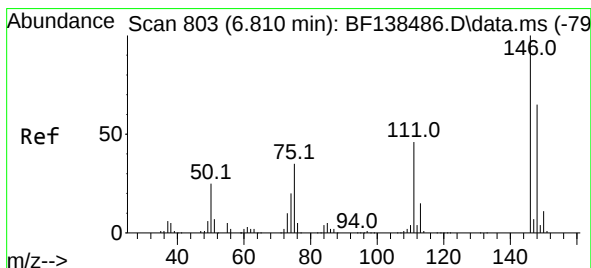
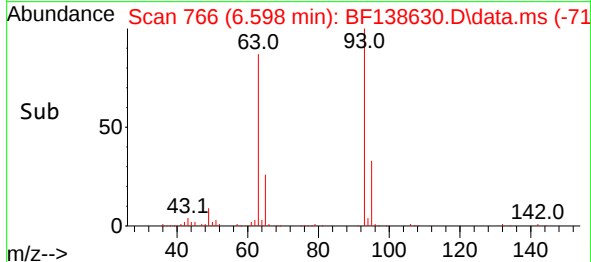
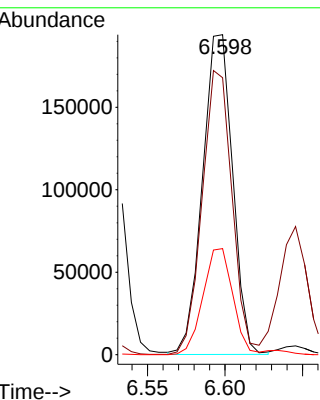
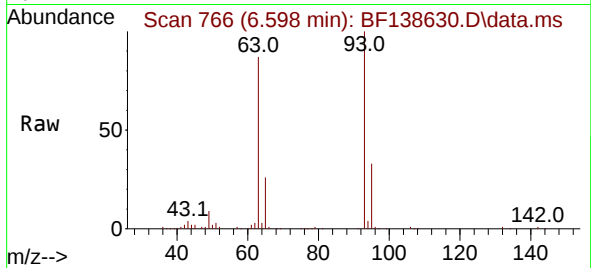
95 33.2 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#12

1,3-Dichlorobenzene

Concen: 39.275 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

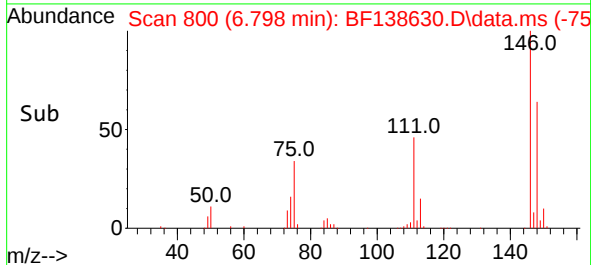
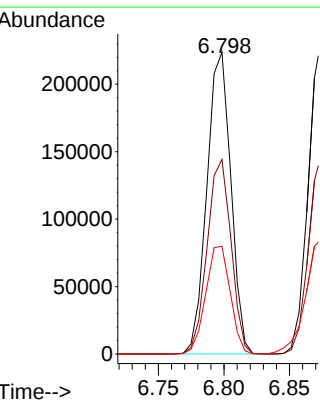
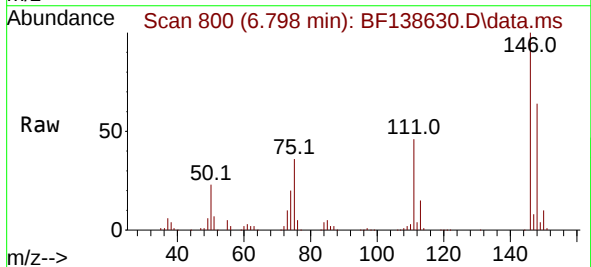
Tgt Ion:146 Resp: 284015

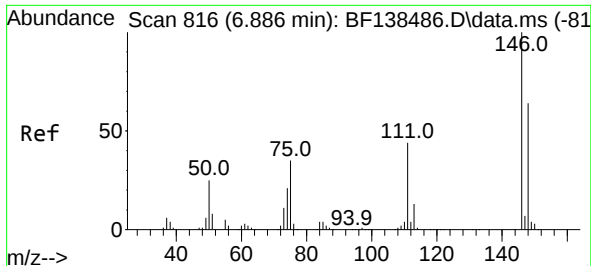
Ion Ratio Lower Upper

146 100

148 64.4 52.4 78.6

75 35.7 27.8 41.8





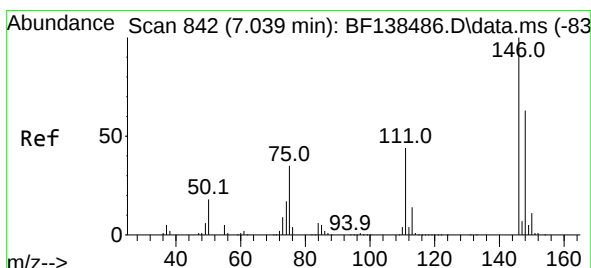
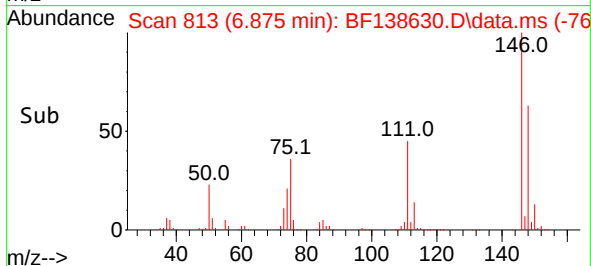
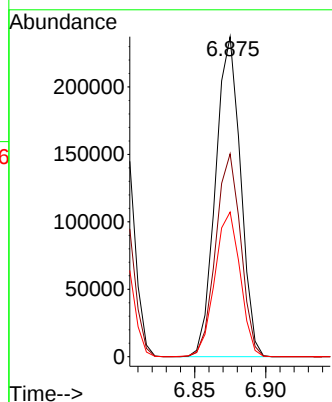
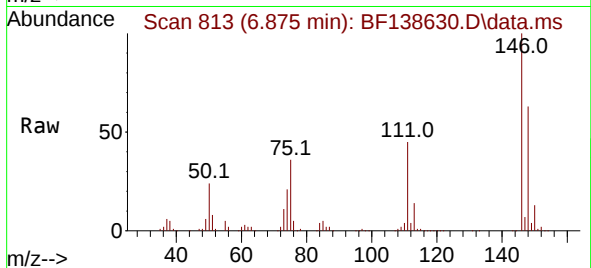
#13
1,4-Dichlorobenzene
Concen: 39.502 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:146 Resp: 290074
Ion Ratio Lower Upper
146 100
148 63.4 51.6 77.4
111 45.2 34.9 52.3

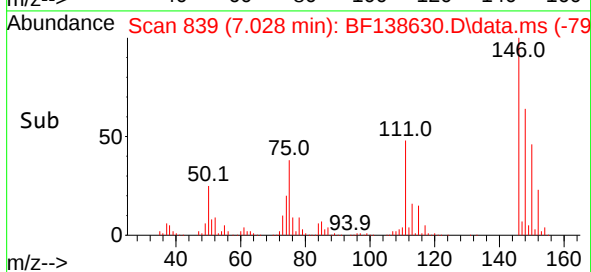
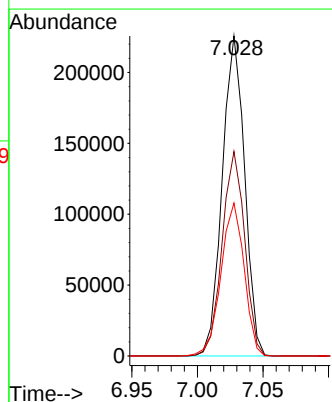
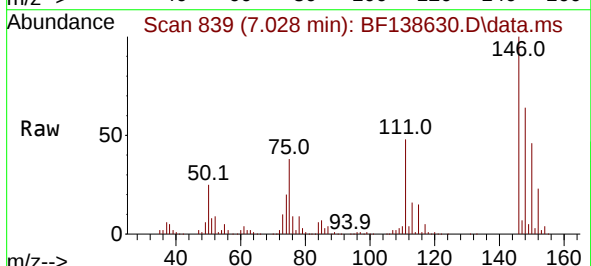
Manual Integrations
APPROVED

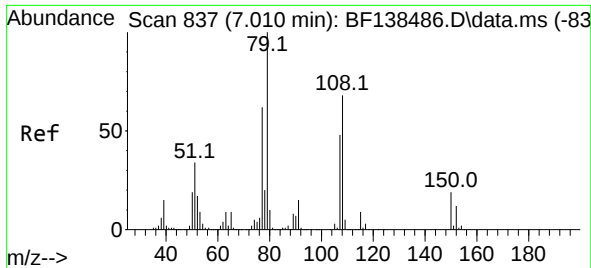
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#14
1,2-Dichlorobenzene
Concen: 39.130 ng
RT: 7.028 min Scan# 839
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:146 Resp: 267622
Ion Ratio Lower Upper
146 100
148 63.9 50.1 75.1
111 47.8 35.5 53.3





#15
Benzyl Alcohol
Concen: 40.844 ng
RT: 6.998 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

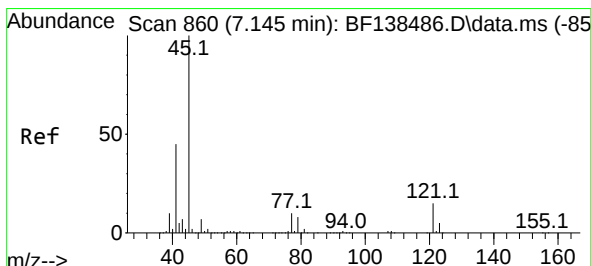
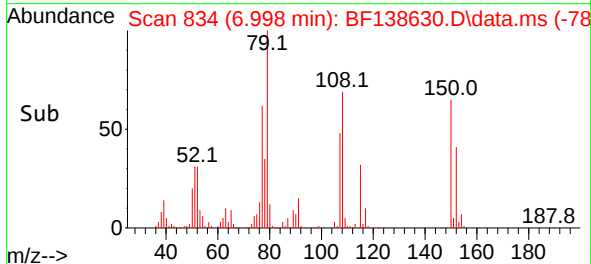
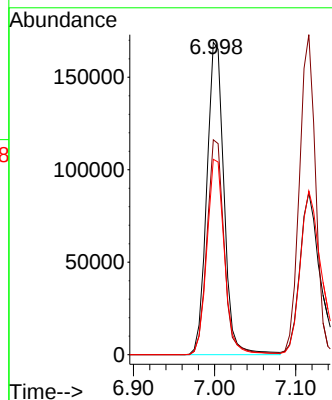
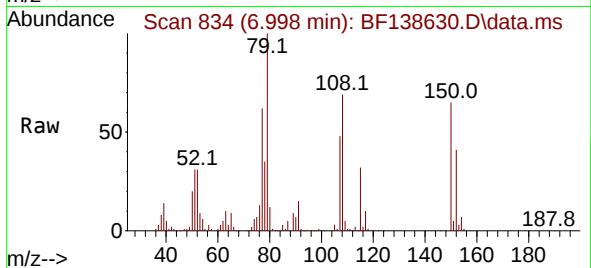
SSTDCCC040EC

Tgt Ion: 79 Resp: 248090
Ion Ratio Lower Upper
79 100
108 68.8 54.3 81.5
77 62.5 50.0 75.0

Manual Integrations

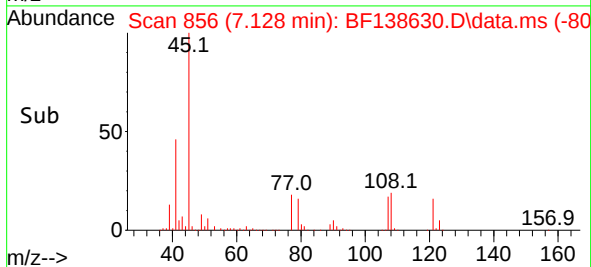
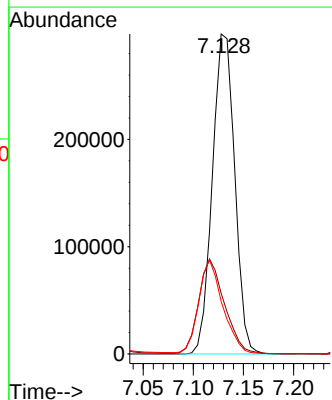
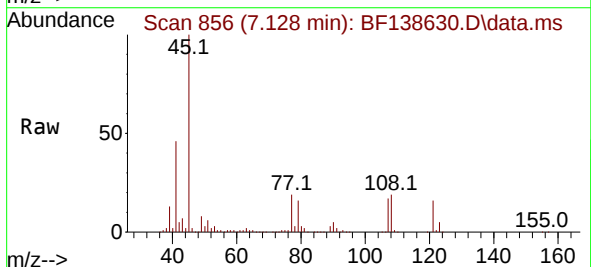
APPROVED

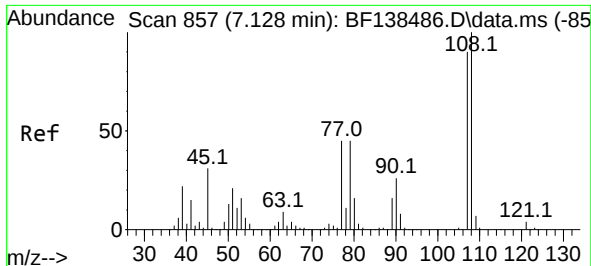
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.338 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion: 45 Resp: 462221
Ion Ratio Lower Upper
45 100
77 18.9 0.0 30.4
79 16.4 0.0 28.1





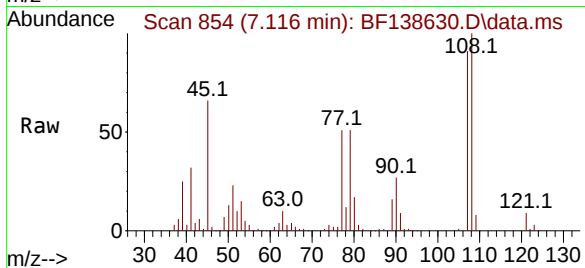
#17
2-Methylphenol
Concen: 41.212 ng
RT: 7.116 min Scan# 810
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



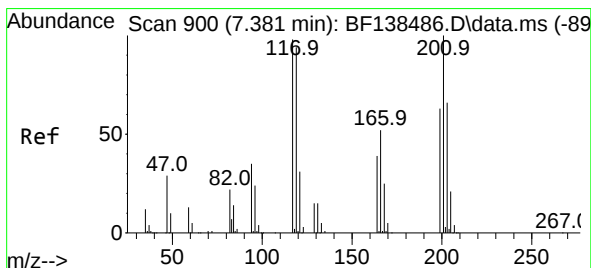
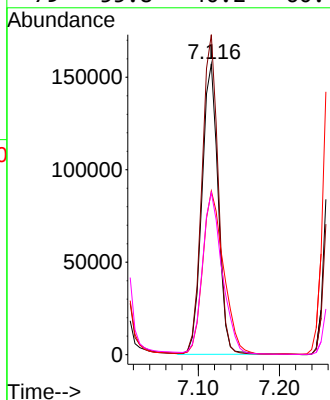
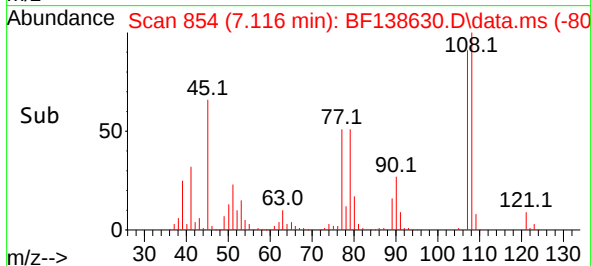
Tgt Ion:107 Resp: 21729
Ion Ratio Lower Upper
107 100
108 110.1 89.0 133.4
77 56.3 40.3 60.5
79 55.8 40.2 60.4

Manual Integrations

APPROVED

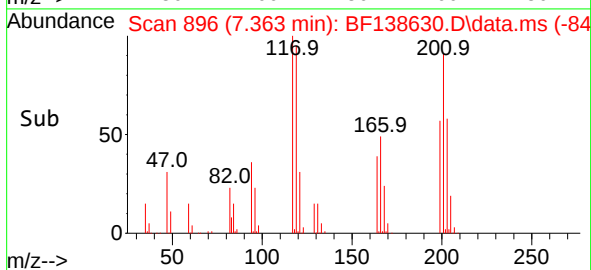
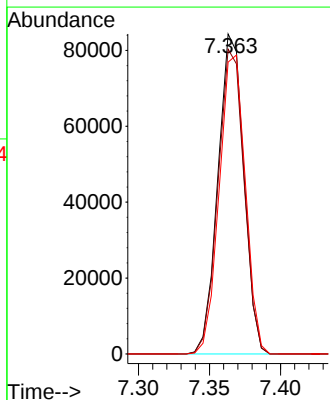
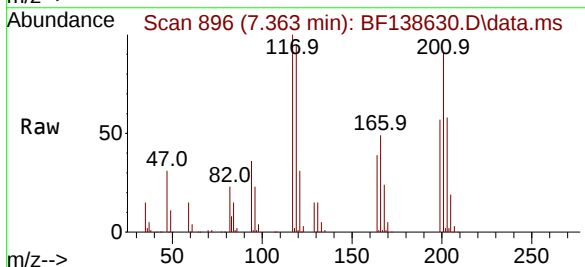
Reviewed By :Yogesh Patel 07/30/2024

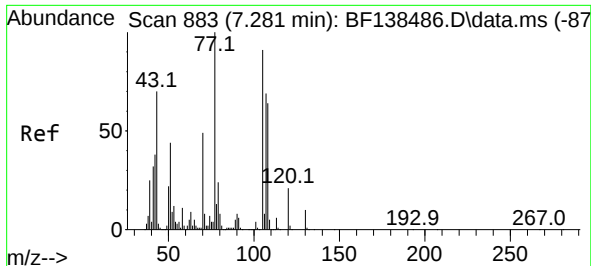
Supervised By :mohammad ahmed 07/30/2024



#18
Hexachloroethane
Concen: 39.547 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:117 Resp: 106762
Ion Ratio Lower Upper
117 100
119 95.2 76.6 114.8
201 91.2 81.4 122.0





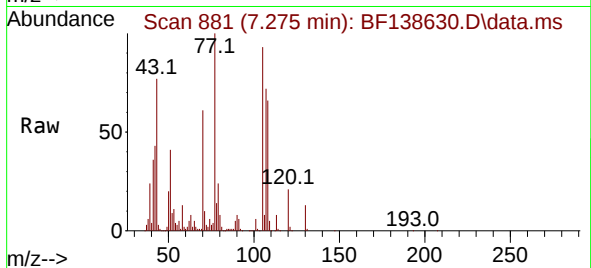
#19
n-Nitroso-di-n-propylamine
Concen: 39.305 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



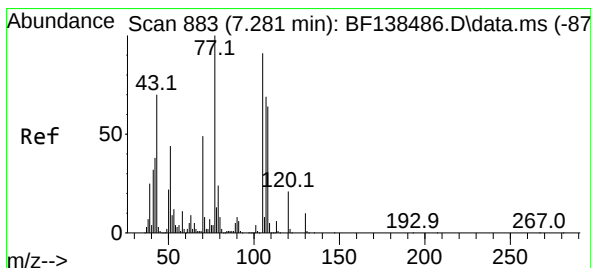
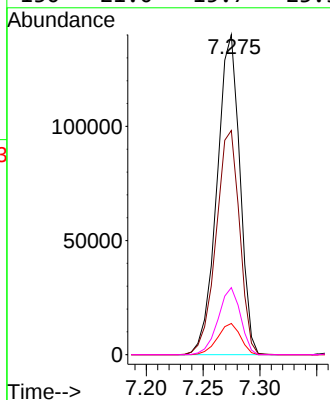
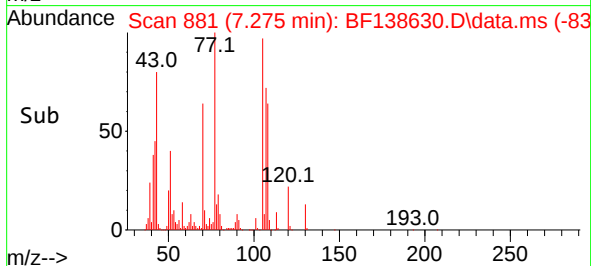
Tgt Ion: 70 Resp: 19656
Ion Ratio Lower Upper
70 100
42 70.1 62.4 93.6
101 9.8 7.2 10.8
130 21.0 15.7 23.5

Manual Integrations

APPROVED

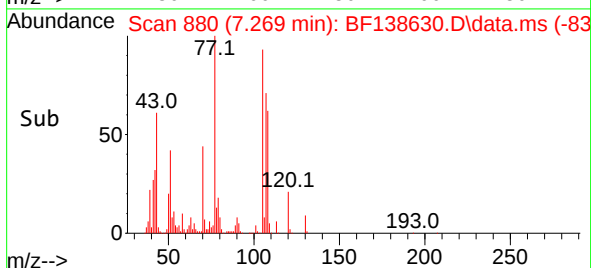
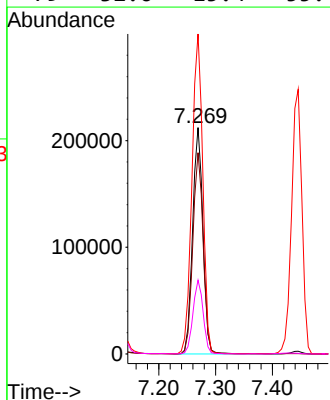
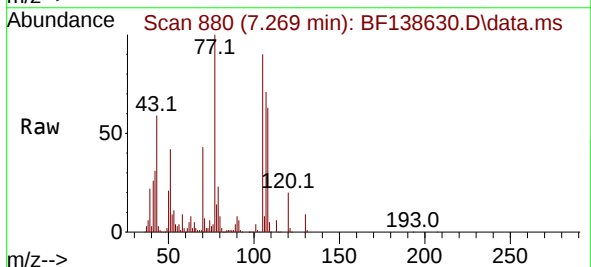
Reviewed By :Yogesh Patel 07/30/2024

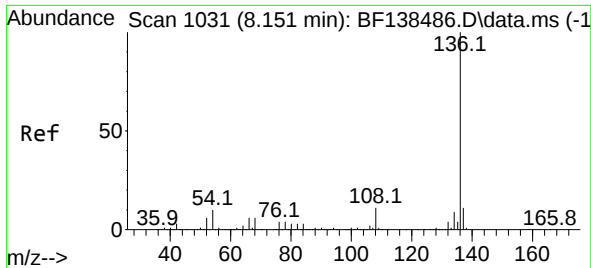
Supervised By :mohammad ahmed 07/30/2024



#20
3+4-Methylphenols
Concen: 40.709 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:107 Resp: 270288
Ion Ratio Lower Upper
107 100
108 88.9 73.7 113.7
77 141.3 126.0 166.0
79 32.6 15.4 55.4





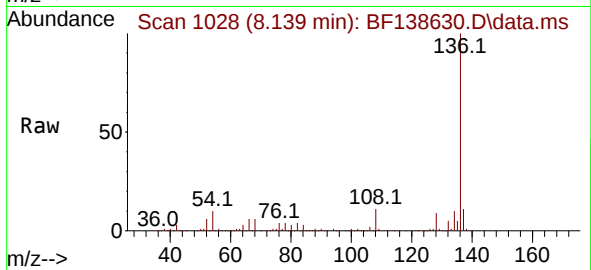
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



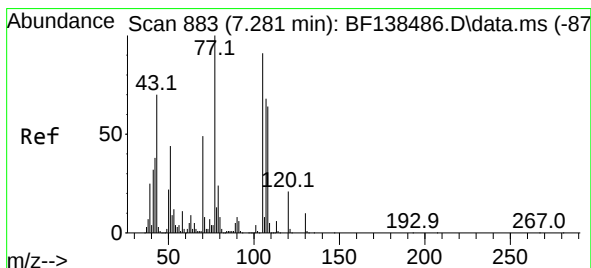
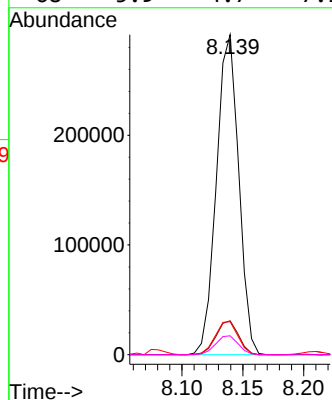
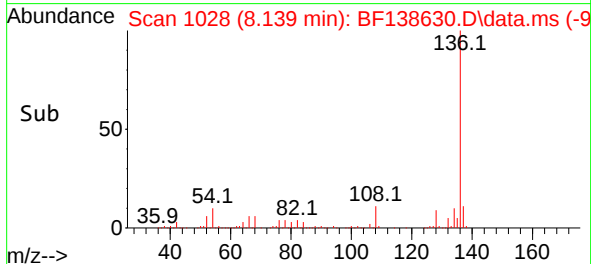
Tgt Ion:136 Resp: 371938
Ion Ratio Lower Upper
136 100
137 10.6 8.5 12.7
54 10.3 8.1 12.1
68 5.9 4.7 7.1

Manual Integrations

APPROVED

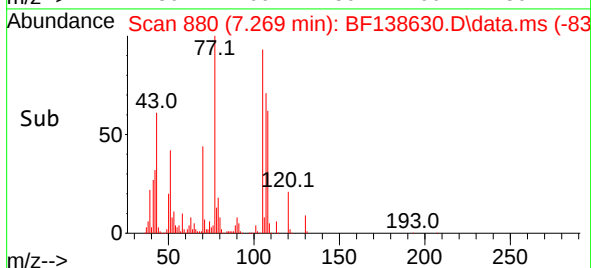
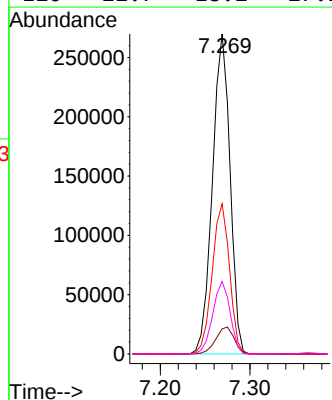
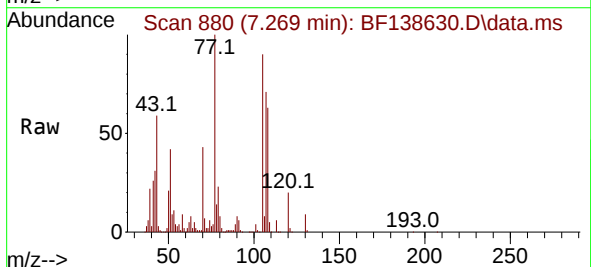
Reviewed By :Yogesh Patel 07/30/2024

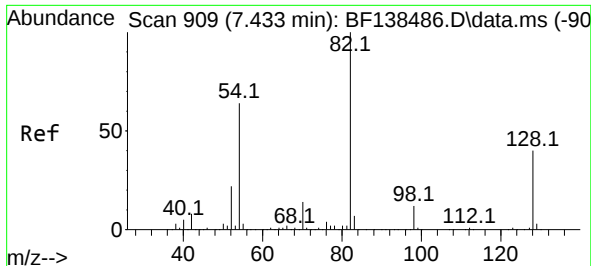
Supervised By :mohammad ahmed 07/30/2024



#22
Acetophenone
Concen: 40.664 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:105 Resp: 367331
Ion Ratio Lower Upper
105 100
71 7.9 7.4 11.2
51 47.0 38.7 58.1
120 22.7 18.2 27.2





#23

Nitrobenzene-d5

Concen: 82.505 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 62501

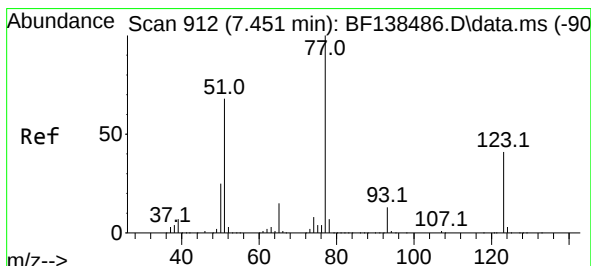
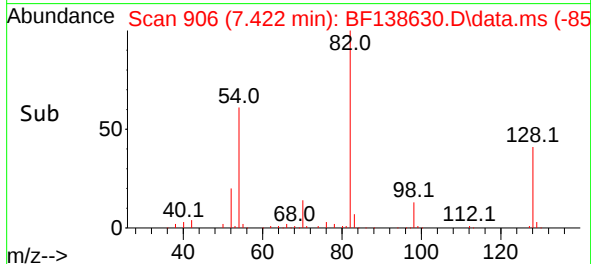
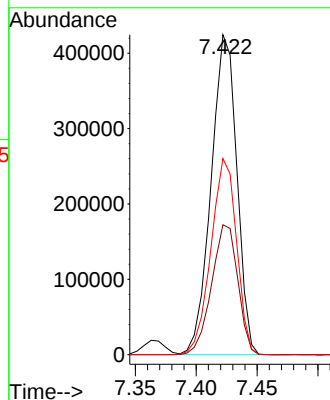
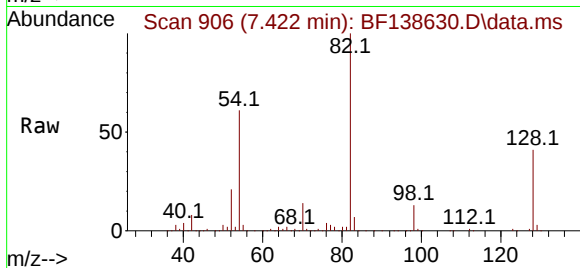
Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.3	48.5
54	61.3	51.4	77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#24

Nitrobenzene

Concen: 40.800 ng

RT: 7.445 min Scan# 910

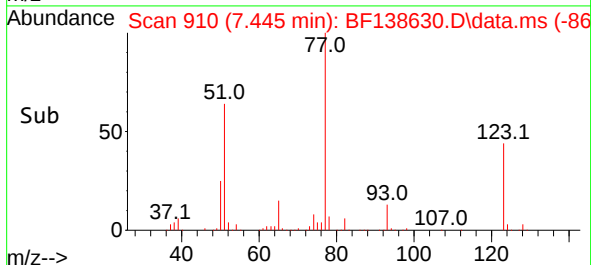
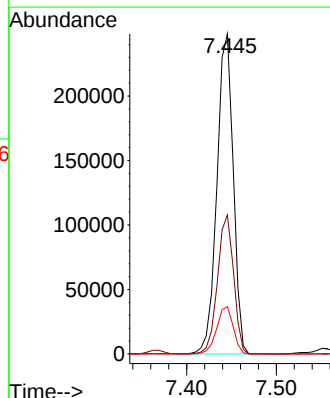
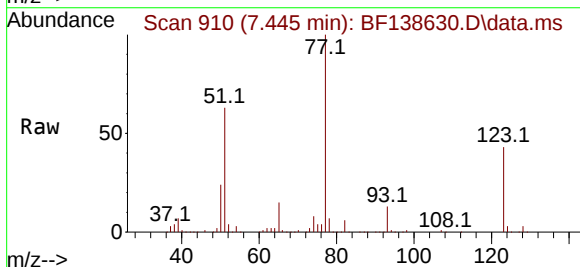
Delta R.T. -0.006 min

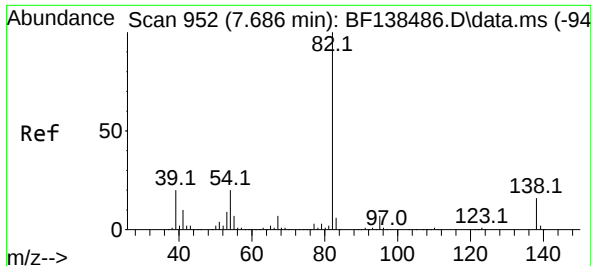
Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion: 77 Resp: 314090

Ion	Ratio	Lower	Upper
77	100		
123	43.4	32.4	48.6
65	14.7	11.8	17.8





#25
Isophorone
Concen: 40.788 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

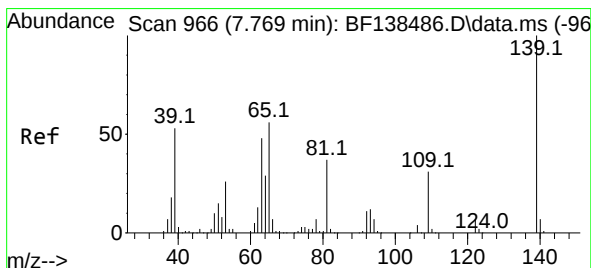
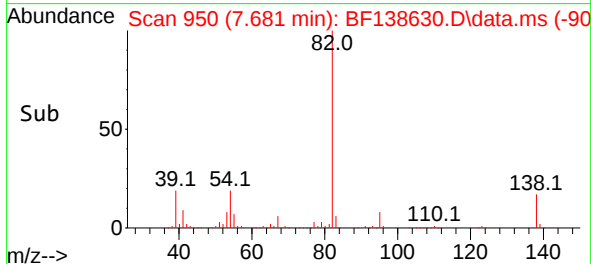
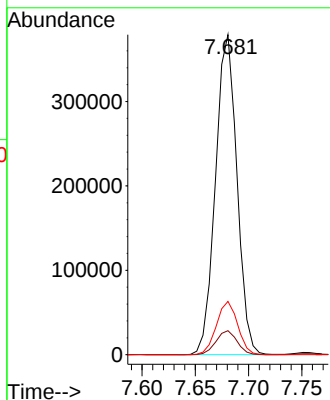
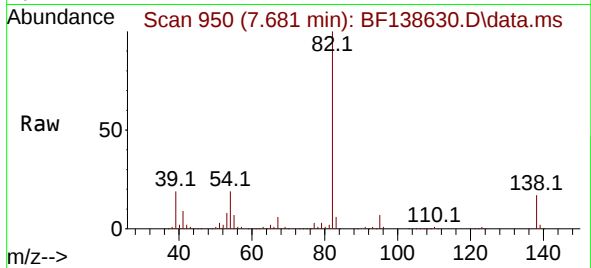
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 82 Resp: 530628
Ion Ratio Lower Upper
82 100
95 7.5 6.0 9.0
138 16.7 12.8 19.2

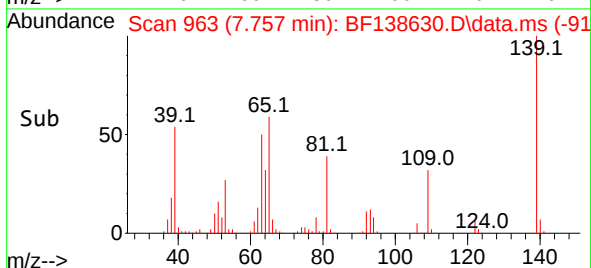
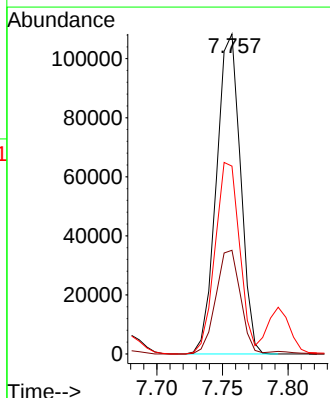
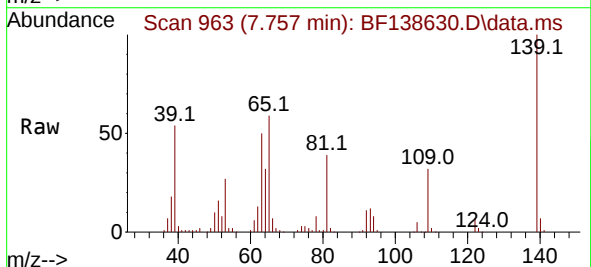
Manual Integrations
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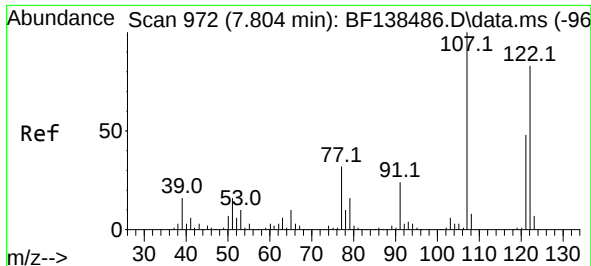
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#26
2-Nitrophenol
Concen: 41.888 ng
RT: 7.757 min Scan# 963
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:139 Resp: 138210
Ion Ratio Lower Upper
139 100
109 32.4 24.8 37.2
65 58.7 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 40.658 ng

RT: 7.792 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

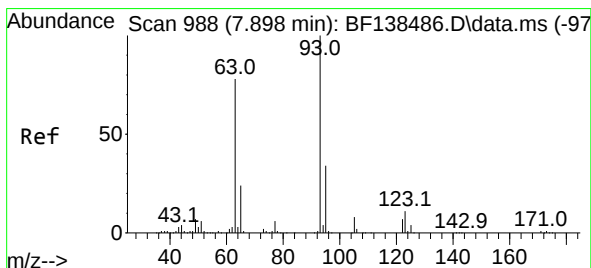
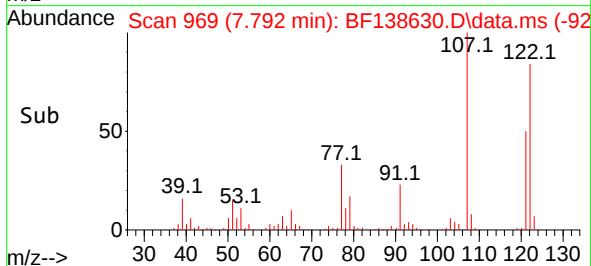
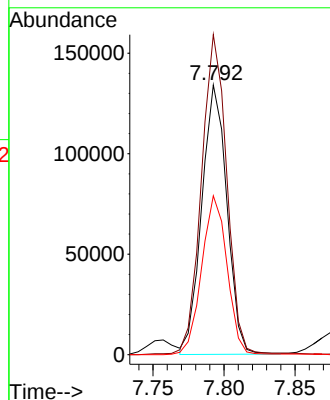
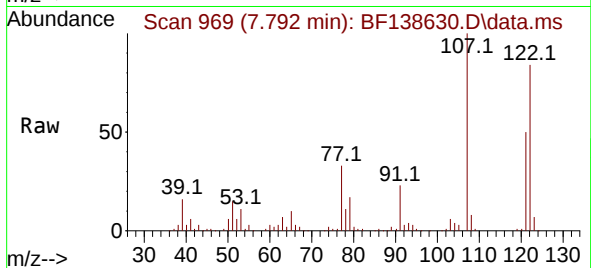
Tgt Ion:122 Resp: 16488
 Ion Ratio Lower Upper
 122 100
 107 118.6 96.3 144.5
 121 58.9 46.7 70.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 41.173 ng

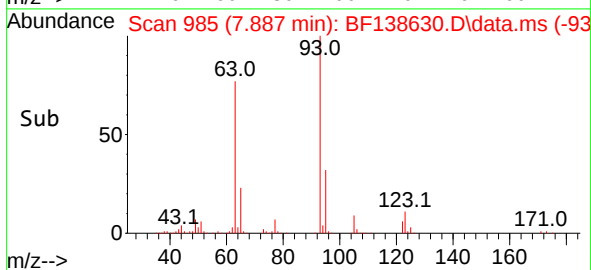
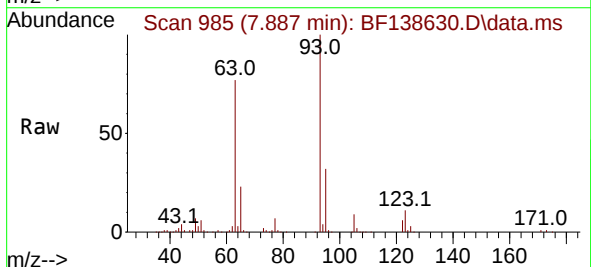
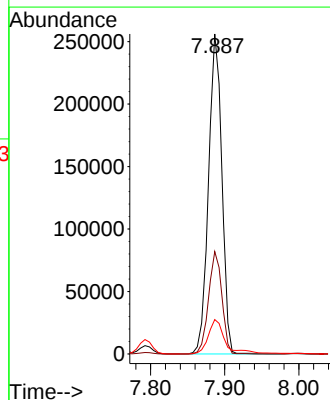
RT: 7.887 min Scan# 985

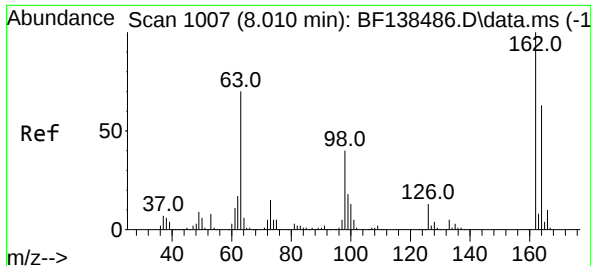
Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion: 93 Resp: 320117
 Ion Ratio Lower Upper
 93 100
 95 32.0 27.0 40.6
 123 10.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 39.516 ng

RT: 7.998 min Scan# 1004

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

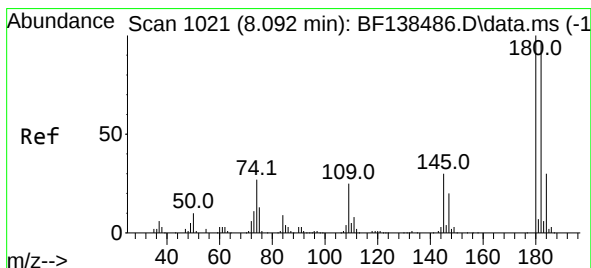
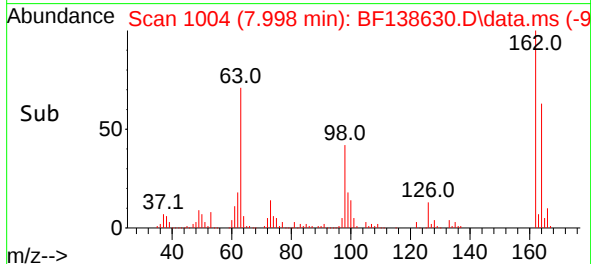
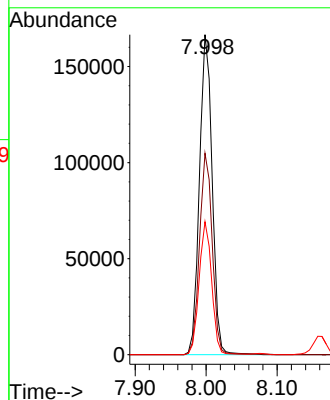
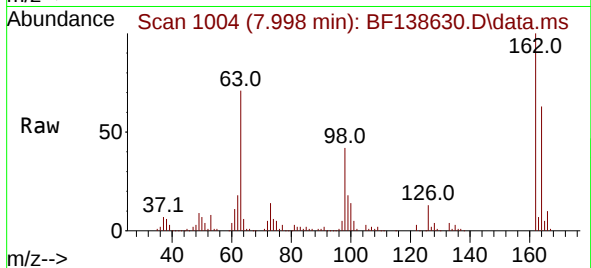
Tgt Ion:162 Resp: 208100
 Ion Ratio Lower Upper
 162 100
 164 63.0 42.6 82.6
 98 41.6 20.1 60.1

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 37.986 ng

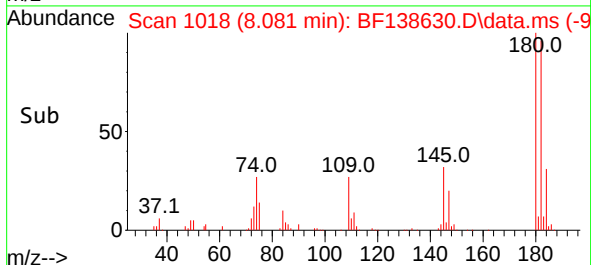
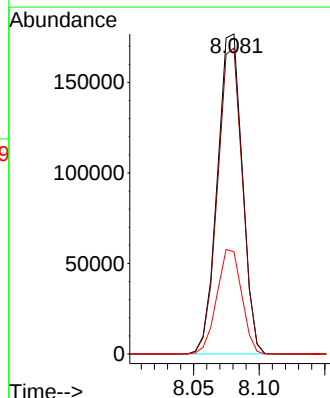
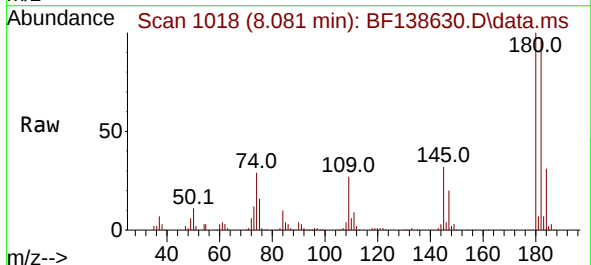
RT: 8.081 min Scan# 1018

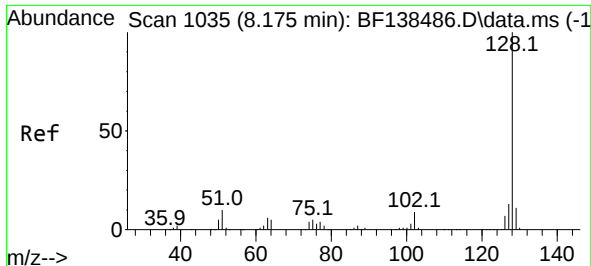
Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion:180 Resp: 233037
 Ion Ratio Lower Upper
 180 100
 182 95.6 76.9 115.3
 145 31.9 23.9 35.9





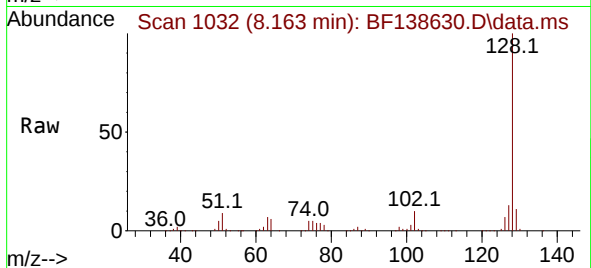
#31
Naphthalene
Concen: 39.807 ng
RT: 8.163 min Scan# 1035
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



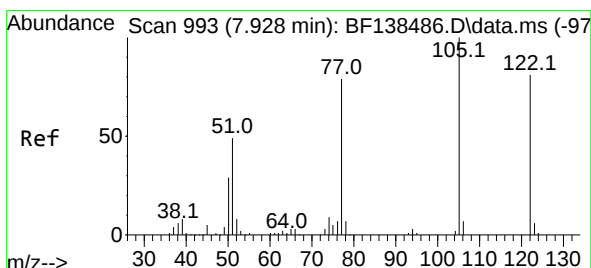
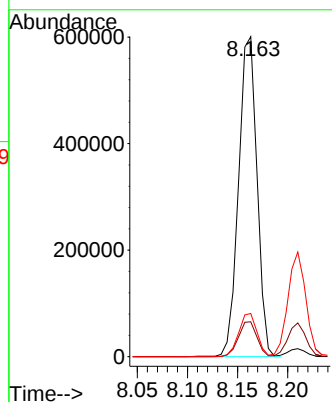
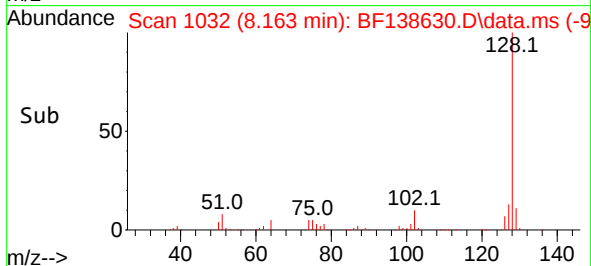
Tgt Ion:128 Resp: 770014
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.5 10.7 16.1

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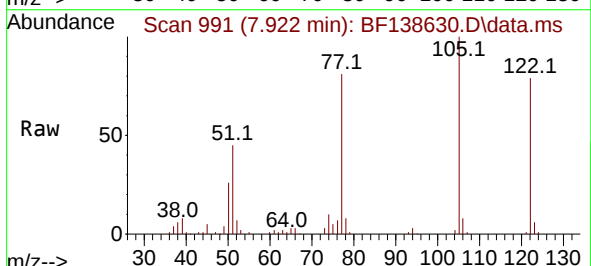
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

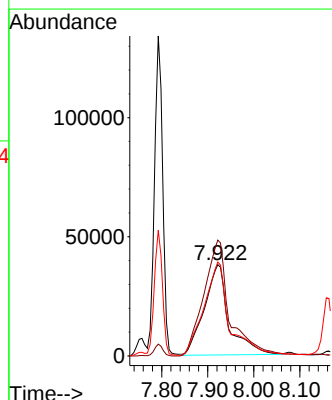
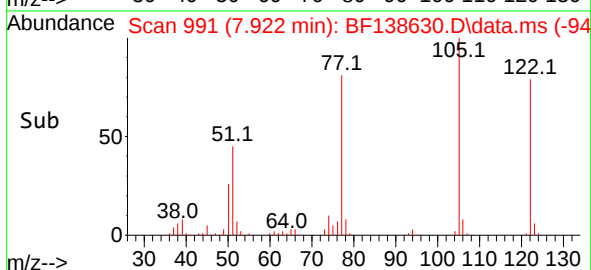
Supervised By :mohammad ahmed 07/30/2024

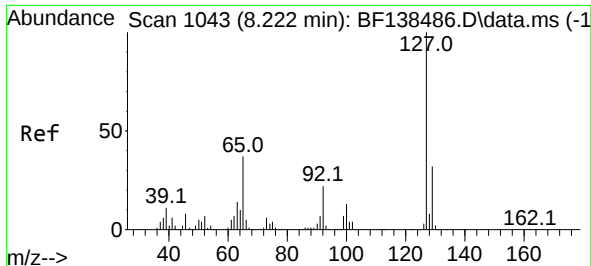


#32
Benzoic acid
Concen: 36.332 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:122 Resp: 140527
Ion Ratio Lower Upper
122 100
105 126.8 101.5 141.5
77 102.9 77.3 117.3





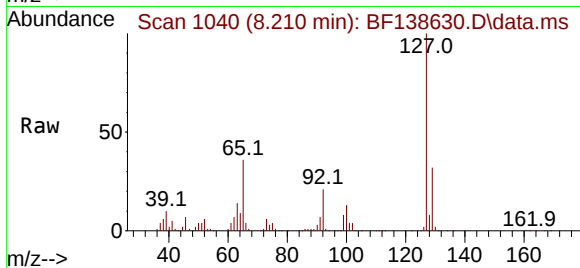
#33
4-Chloroaniline
Concen: 36.710 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



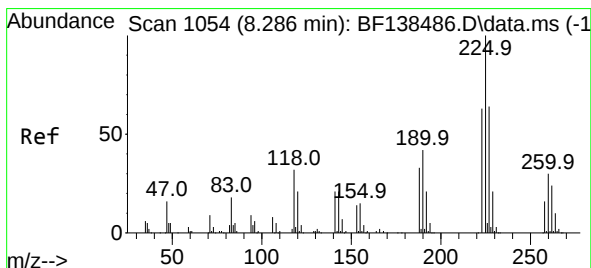
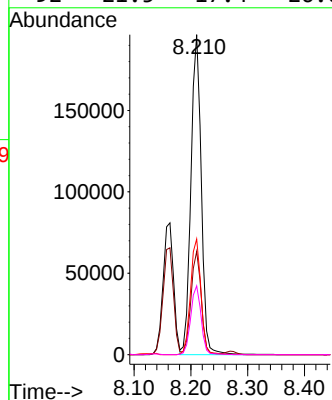
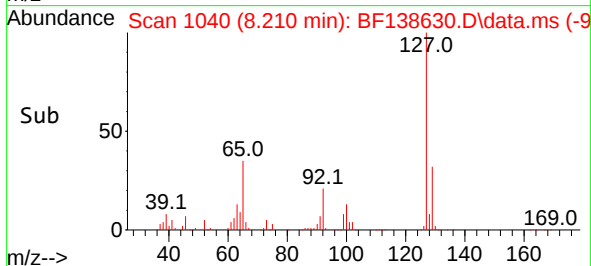
Tgt Ion:127 Resp: 24915
Ion Ratio Lower Upper
127 100
129 32.3 25.6 38.4
65 36.2 29.6 44.4
92 21.5 17.4 26.0

Manual Integrations

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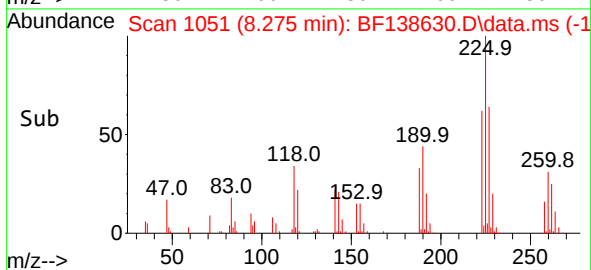
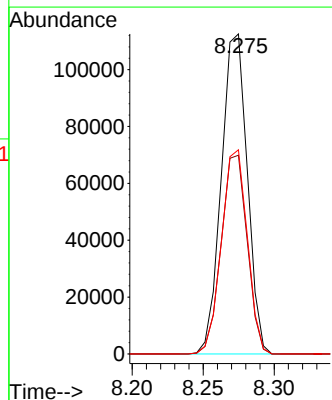
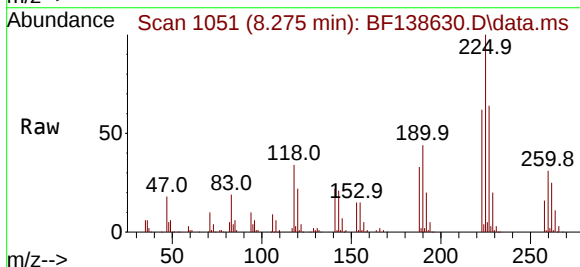
Reviewed By :Yogesh Patel 07/30/2024

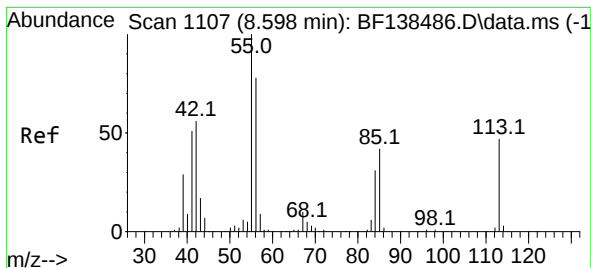
Supervised By :mohammad ahmed 07/30/2024



#34
Hexachlorobutadiene
Concen: 37.848 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:225 Resp: 142980
Ion Ratio Lower Upper
225 100
223 62.1 50.0 75.0
227 63.8 51.0 76.6





#35

Caprolactam

Concen: 39.440 ng

RT: 8.592 min Scan# 1107

Delta R.T. -0.006 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

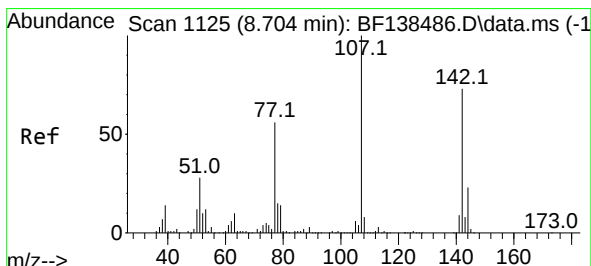
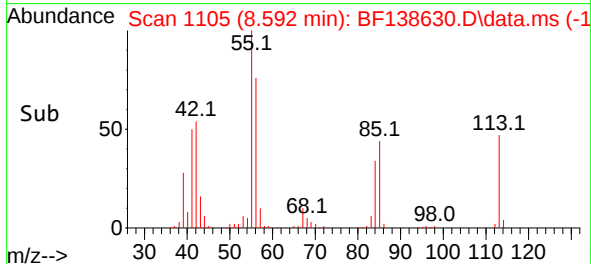
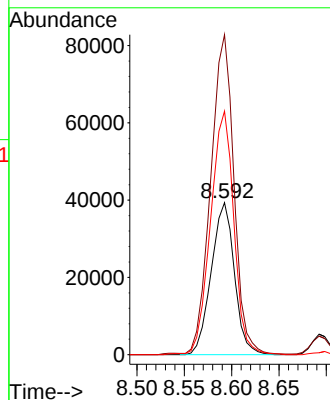
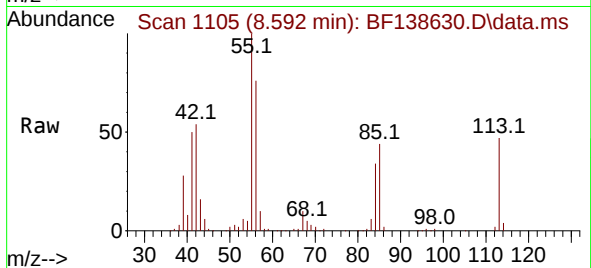
Tgt Ion:113 Resp: 67021
 Ion Ratio Lower Upper
 113 100
 55 210.6 192.5 232.5
 56 160.3 145.3 185.3

Manual Integrations

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Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#36

4-Chloro-3-methylphenol

Concen: 39.277 ng

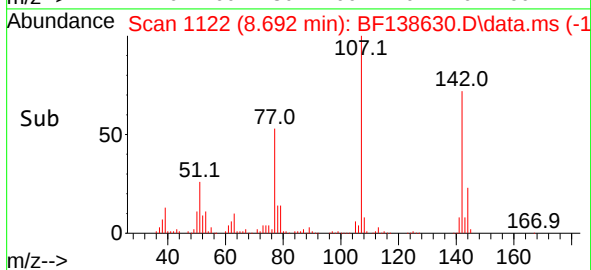
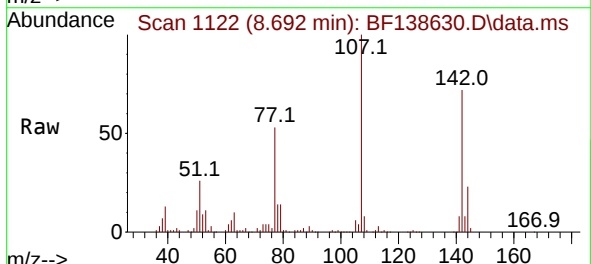
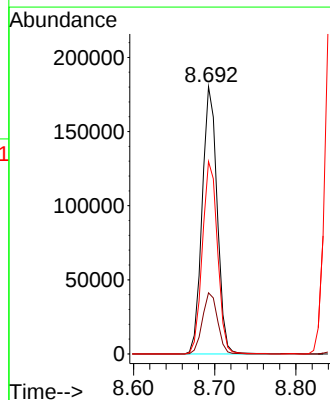
RT: 8.692 min Scan# 1122

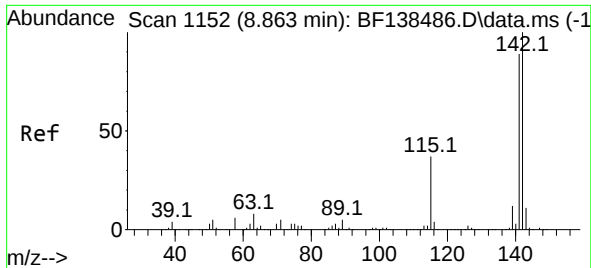
Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion:107 Resp: 231561
 Ion Ratio Lower Upper
 107 100
 144 22.9 18.6 27.8
 142 72.0 58.6 88.0





#37
2-Methylnaphthalene
Concen: 38.461 ng
RT: 8.851 min Scan# 1149
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

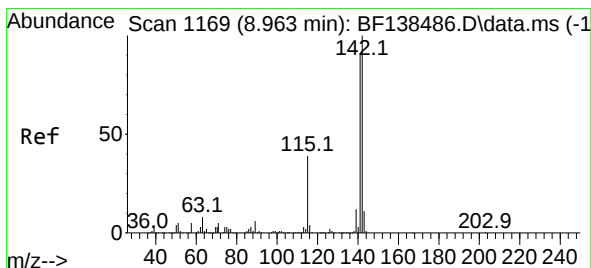
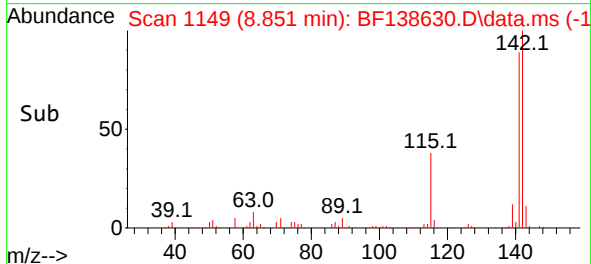
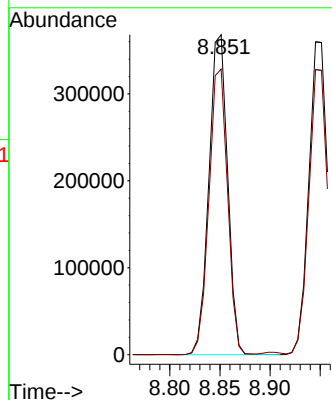
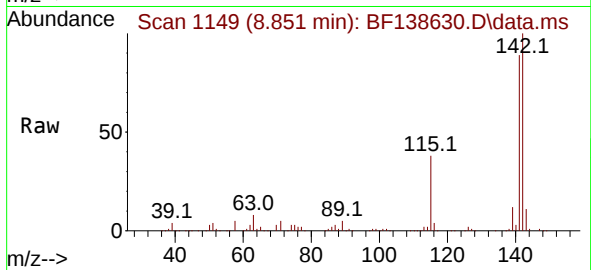
SSTDCCC040EC

Tgt Ion:142 Resp: 47877
Ion Ratio Lower Upper
142 100
141 89.3 71.4 107.0

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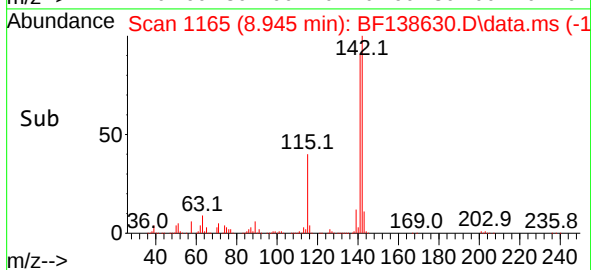
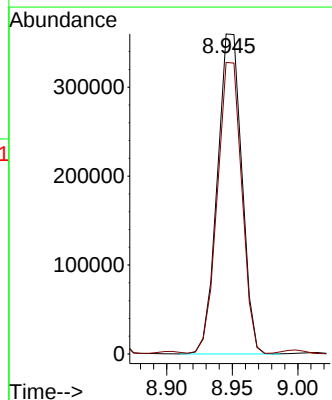
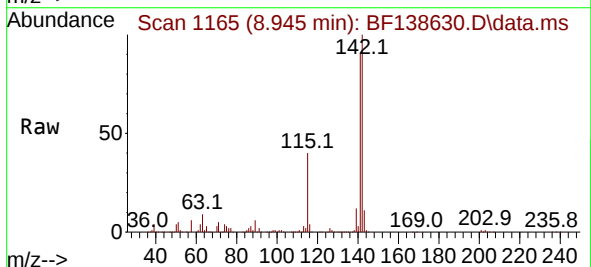
APPROVED

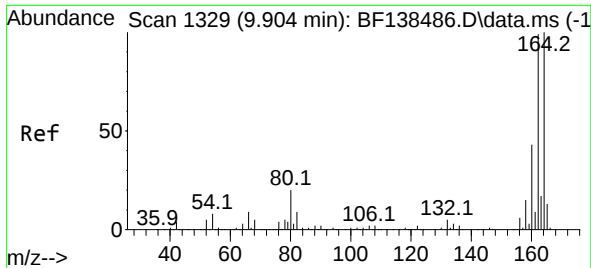
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#38
1-Methylnaphthalene
Concen: 38.407 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:142 Resp: 466597
Ion Ratio Lower Upper
142 100
141 91.1 72.6 108.8





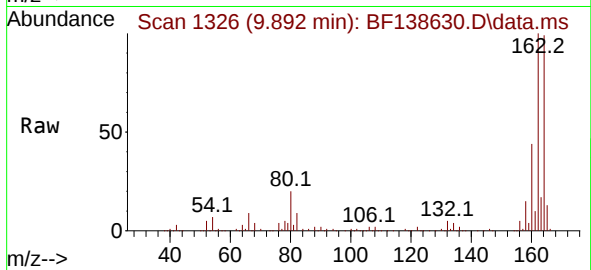
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

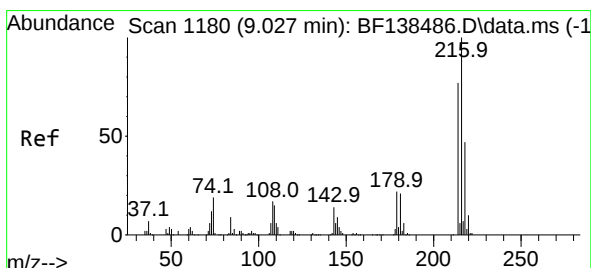
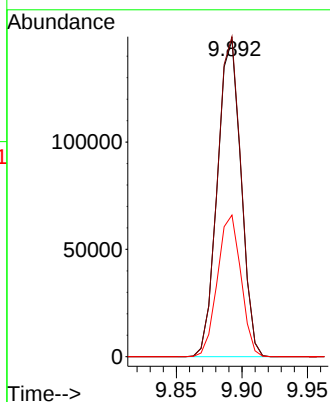
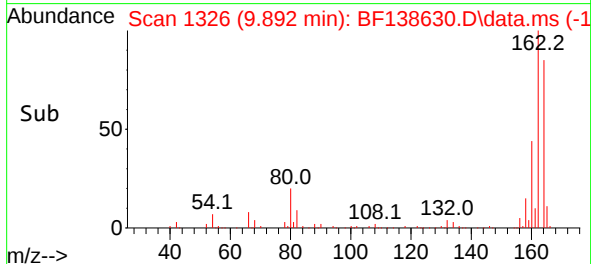
SSTDCCC040EC



Tgt Ion:164 Resp: 184908
Ion Ratio Lower Upper
164 100
162 101.0 79.0 118.6
160 44.7 34.4 51.6

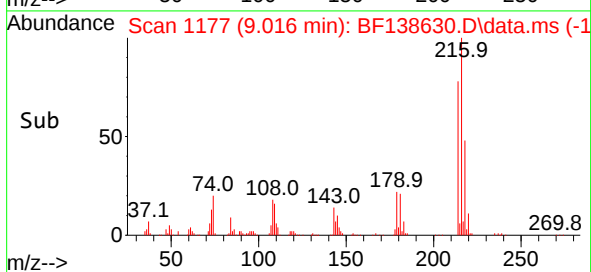
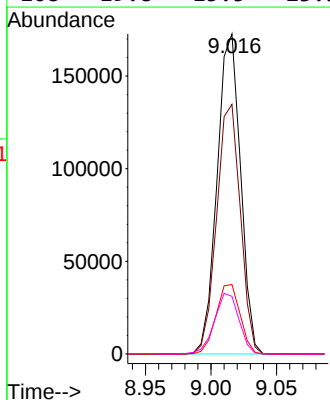
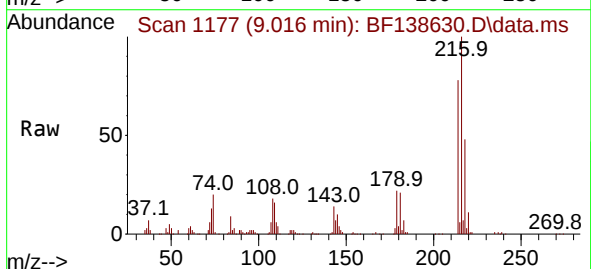
Manual Integrations
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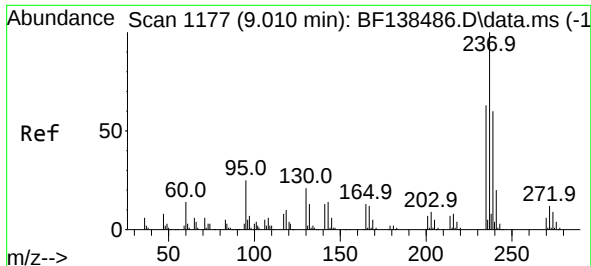
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.626 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:216 Resp: 214519
Ion Ratio Lower Upper
216 100
214 78.8 62.8 94.2
179 22.3 17.7 26.5
108 19.8 15.5 23.3





#41
Hexachlorocyclopentadiene
Concen: 24.721 ng
RT: 8.998 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

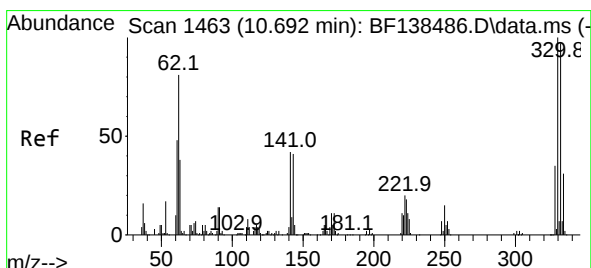
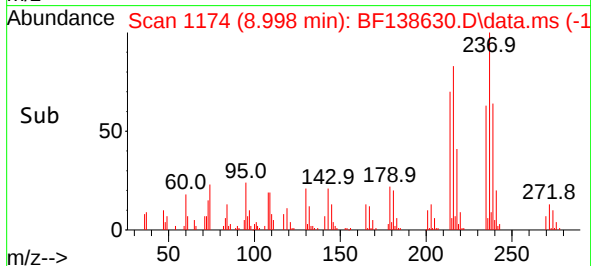
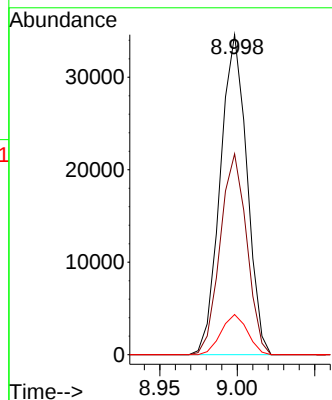
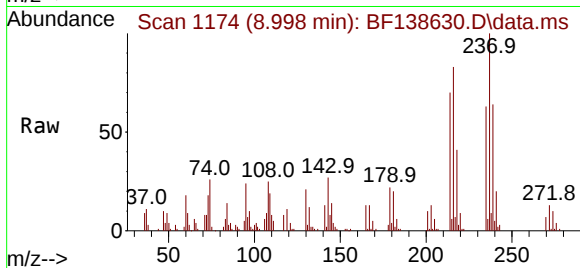
SSTDCCC040EC

Tgt Ion:237 Resp: 4135
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 12.6 0.0 32.3

Manual Integrations

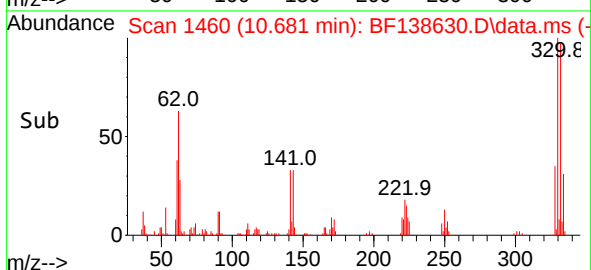
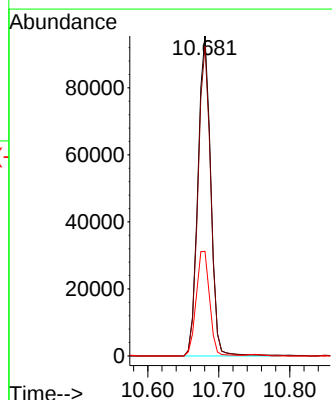
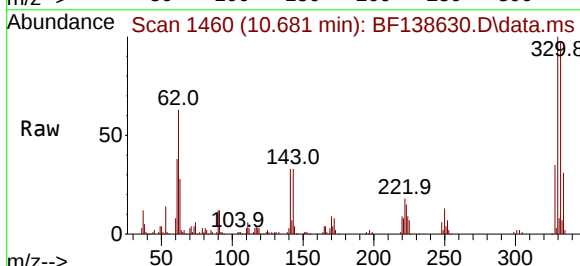
APPROVED

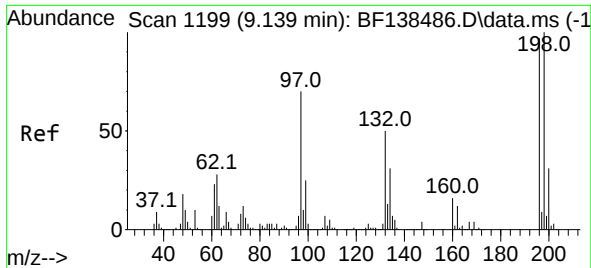
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#42
2,4,6-Tribromophenol
Concen: 69.588 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

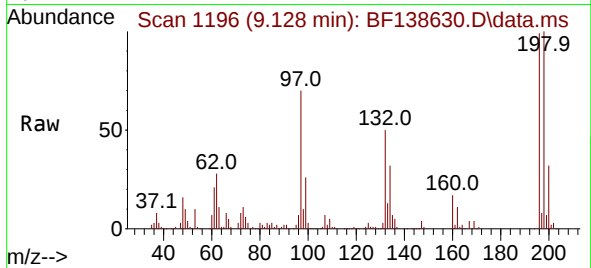
Tgt Ion:330 Resp: 120258
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 34.1 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 40.375 ng
RT: 9.128 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

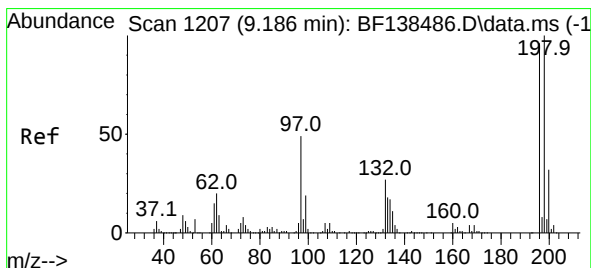
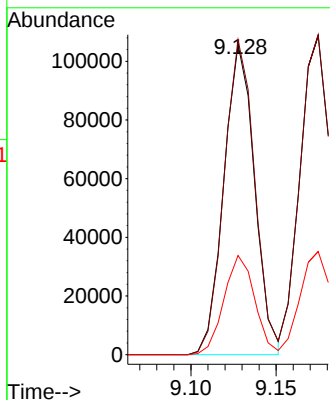
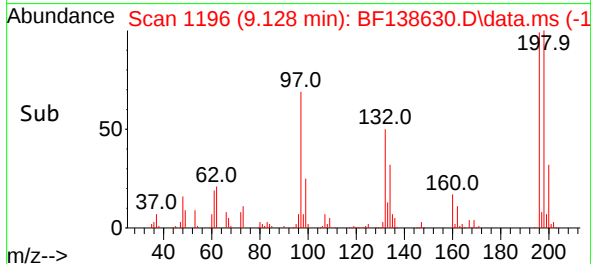
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



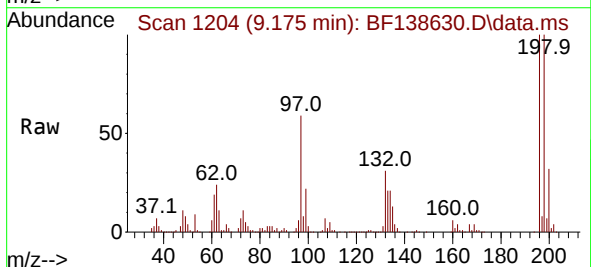
Tgt Ion:196 Resp: 132724
Ion Ratio Lower Upper
196 100
198 101.4 82.3 123.5
200 32.0 25.8 38.6

Manual Integrations
APPROVED

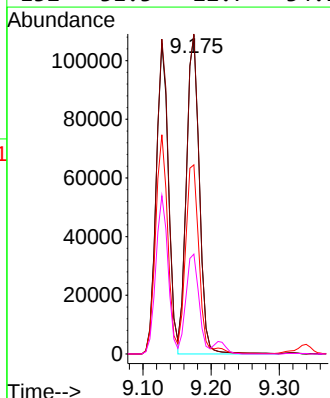
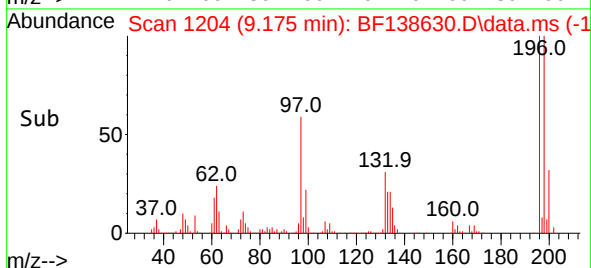
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

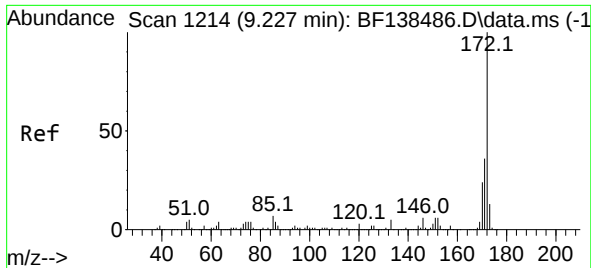


#44
2,4,5-Trichlorophenol
Concen: 39.298 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



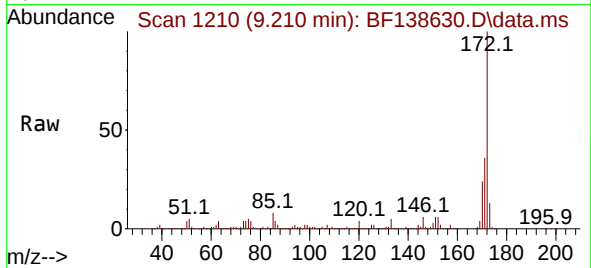
Tgt Ion:196 Resp: 142088
Ion Ratio Lower Upper
196 100
198 100.4 82.8 124.2
97 59.3 41.0 61.4
132 31.3 22.7 34.1





#45
2-Fluorobiphenyl
Concen: 84.132 ng
RT: 9.210 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

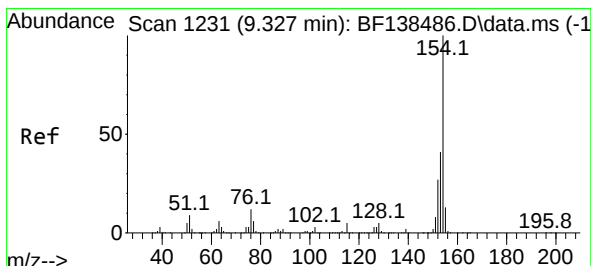
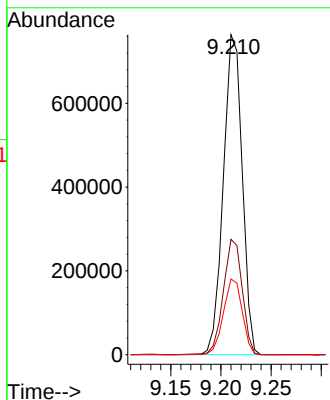
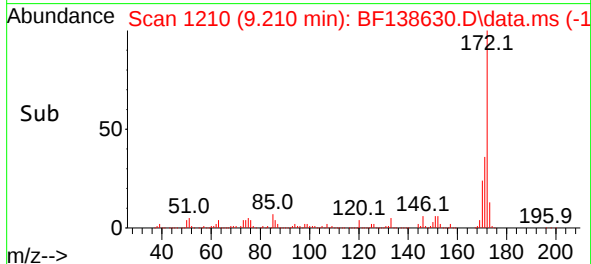
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



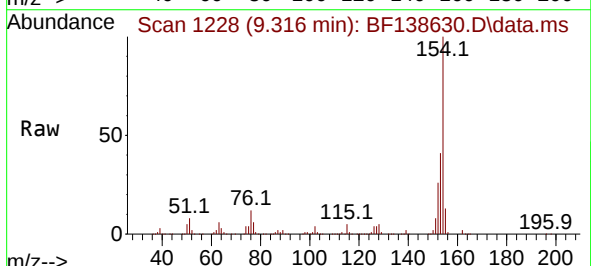
Tgt Ion:172 Resp: 99536
Ion Ratio Lower Upper
172 100
171 36.1 28.9 43.3
170 23.6 18.9 28.3

Manual Integrations
APPROVED

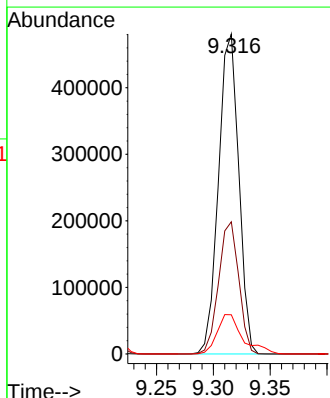
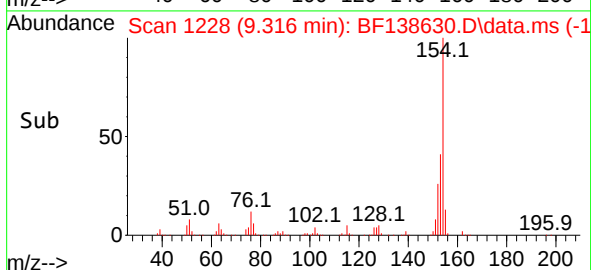
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

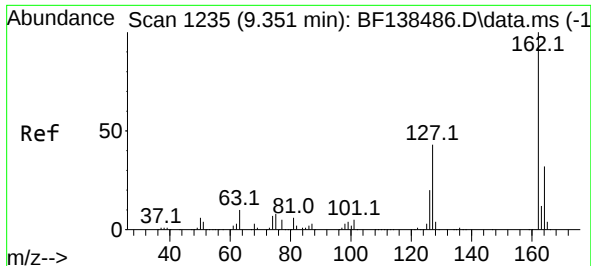


#46
1,1'-Biphenyl
Concen: 42.585 ng
RT: 9.316 min Scan# 1228
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:154 Resp: 596755
Ion Ratio Lower Upper
154 100
153 41.3 20.7 60.7
76 12.2 0.0 32.2





#47

2-Chloronaphthalene

Concen: 40.846 ng

RT: 9.339 min Scan# 1232

Delta R.T. -0.012 min

Lab File: BF138630.D

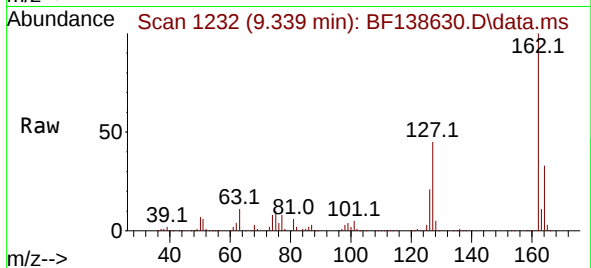
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



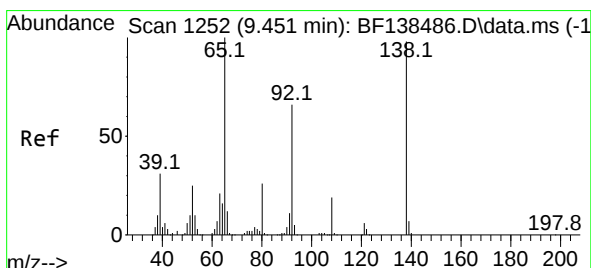
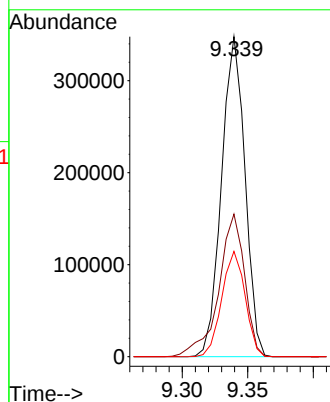
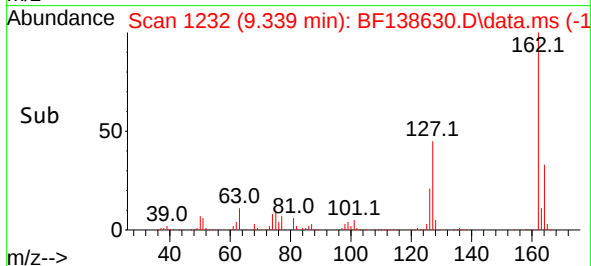
Tgt Ion:	162	Resp:	432409
Ion Ratio	Lower	Upper	
162	100		
127	44.5	34.8	52.2
164	32.9	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#48

2-Nitroaniline

Concen: 43.418 ng

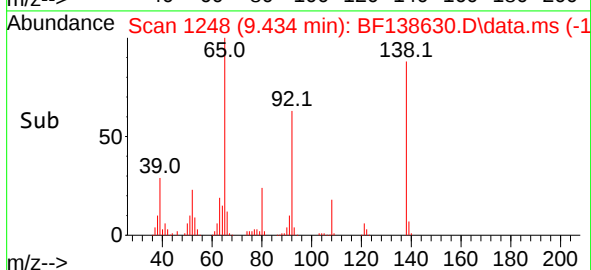
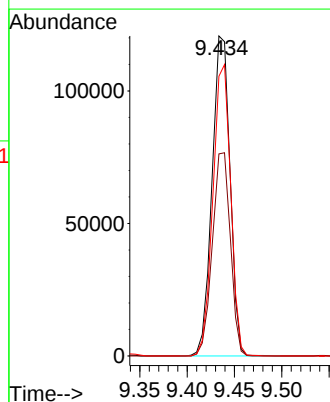
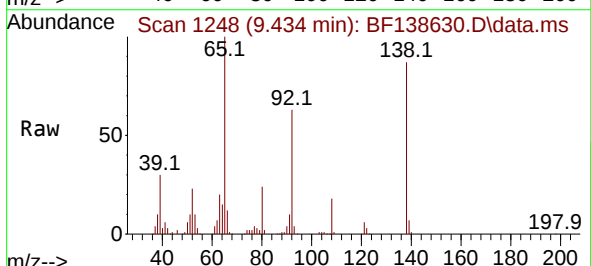
RT: 9.434 min Scan# 1248

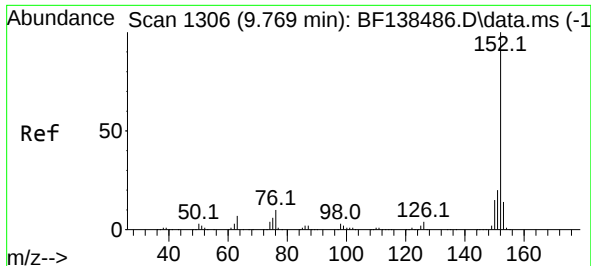
Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Tgt Ion:	65	Resp:	159279
Ion Ratio	Lower	Upper	
65	100		
92	63.2	52.6	78.8
138	87.4	78.6	118.0





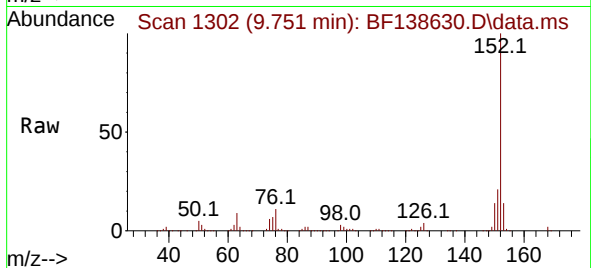
#49
Acenaphthylene
Concen: 40.416 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



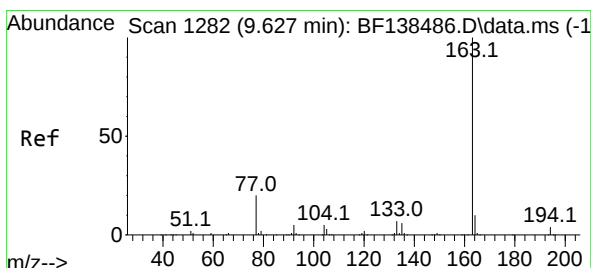
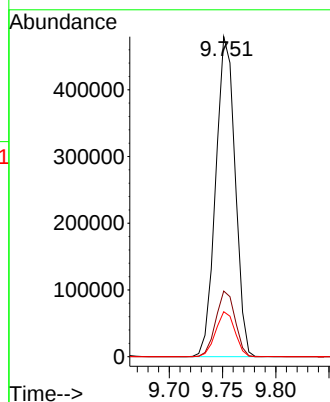
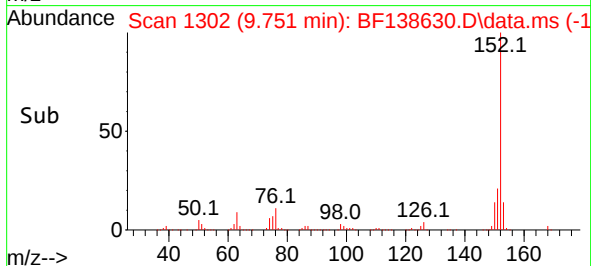
Tgt Ion:152 Resp: 607458
Ion Ratio Lower Upper
152 100
151 20.5 16.3 24.5
153 14.0 11.3 16.9

Manual Integrations

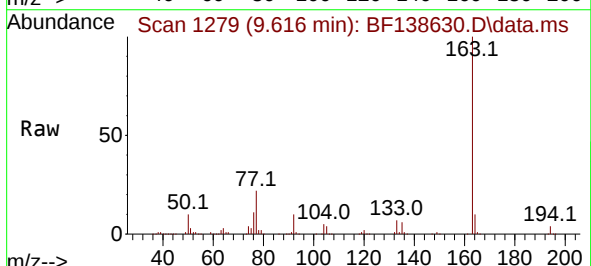
APPROVED

Reviewed By :Yogesh Patel 07/30/2024

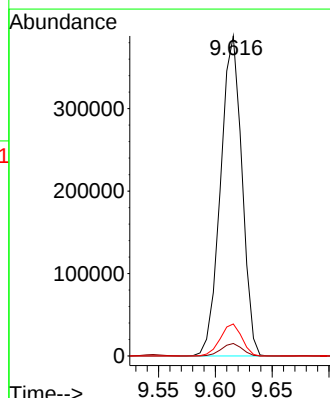
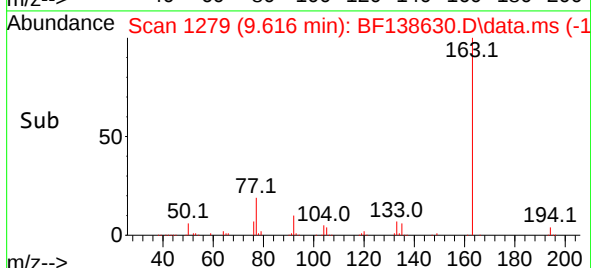
Supervised By :mohammad ahmed 07/30/2024

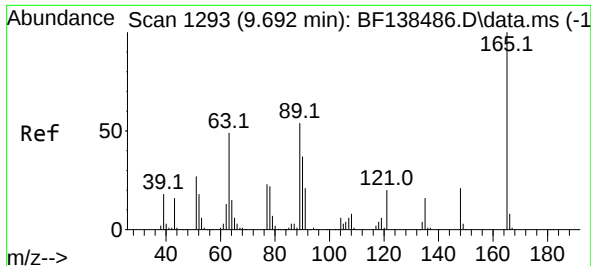


#50
Dimethylphthalate
Concen: 42.529 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:163 Resp: 508502
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.1 12.1





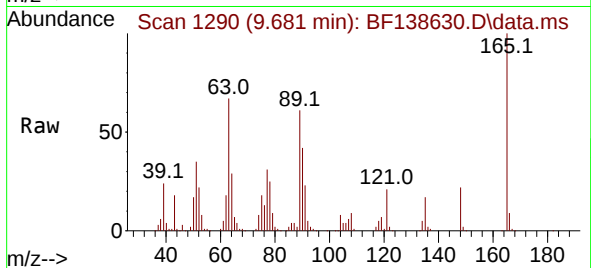
#51
2,6-Dinitrotoluene
Concen: 41.090 ng
RT: 9.681 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

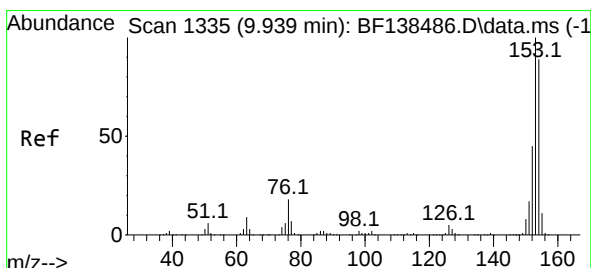
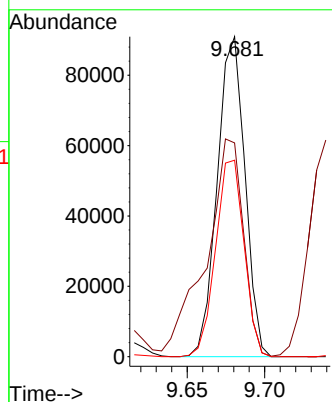
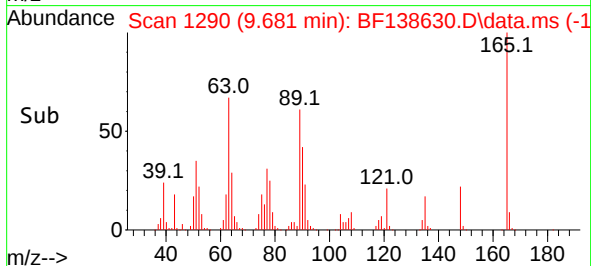


Tgt Ion:165 Resp: 113120
Ion Ratio Lower Upper
165 100
63 66.8 48.1 72.1
89 61.4 43.0 64.6

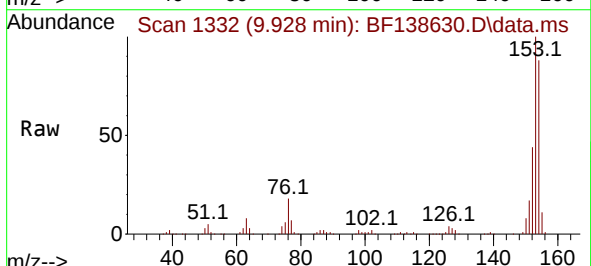
Manual Integrations

APPROVED

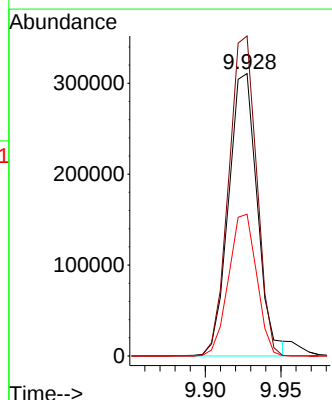
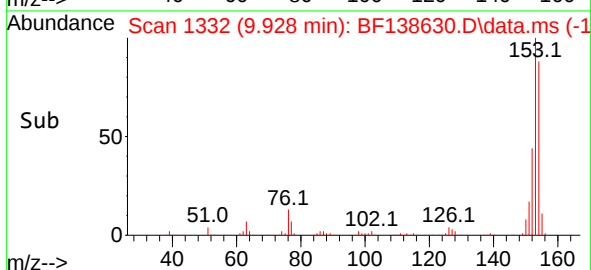
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

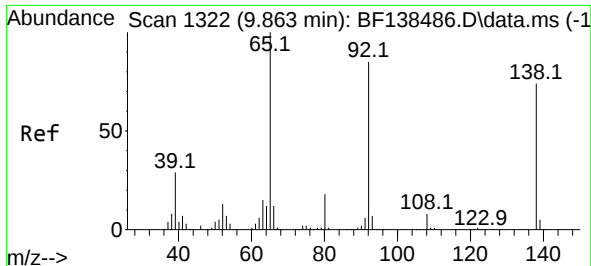


#52
Acenaphthene
Concen: 41.042 ng m
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:154 Resp: 410043
Ion Ratio Lower Upper
154 100
153 113.3 90.4 135.6
152 50.2 41.1 61.7





#53
3-Nitroaniline
Concen: 38.158 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

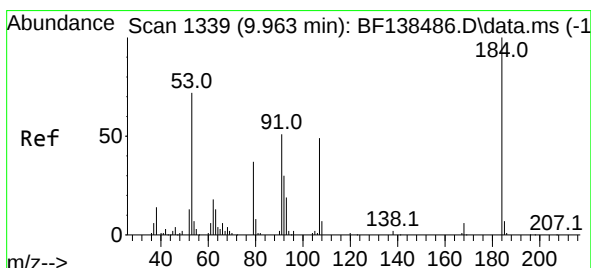
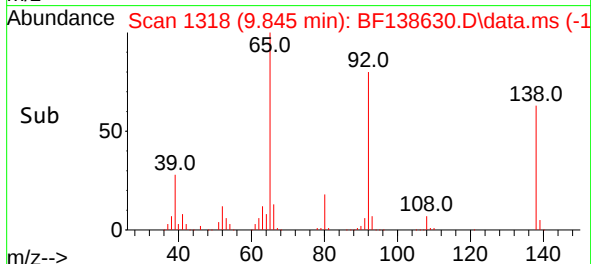
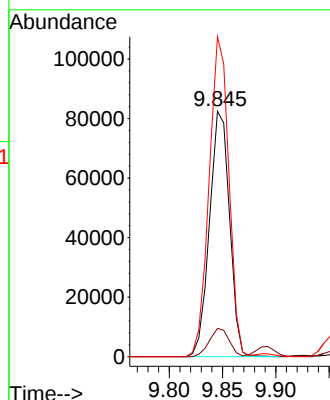
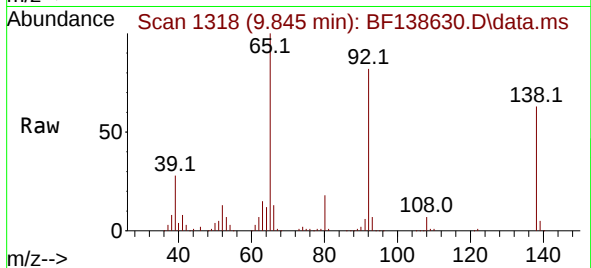
SSTDCCC040EC

Tgt Ion:138 Resp: 10766
Ion Ratio Lower Upper
138 100
108 11.5 8.3 12.5
92 130.4 92.6 138.8

Manual Integrations

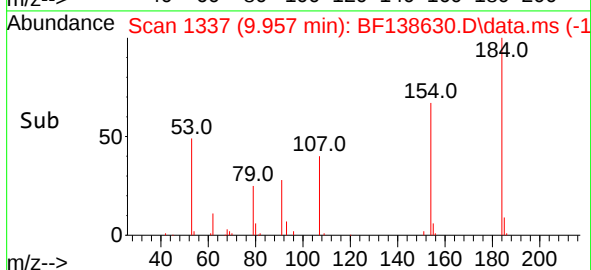
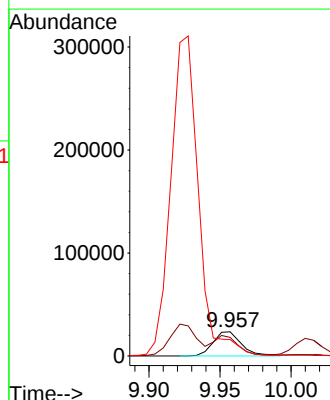
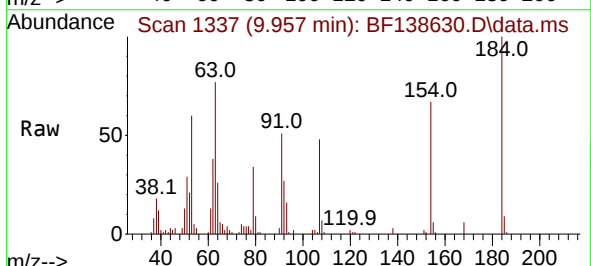
APPROVED

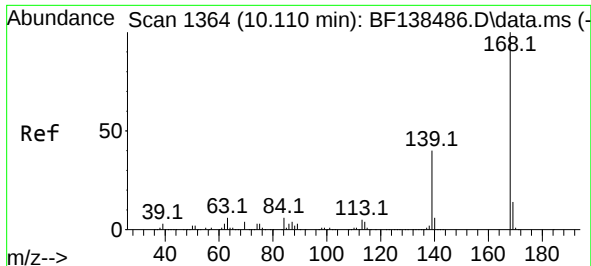
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#54
2,4-Dinitrophenol
Concen: 25.561 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

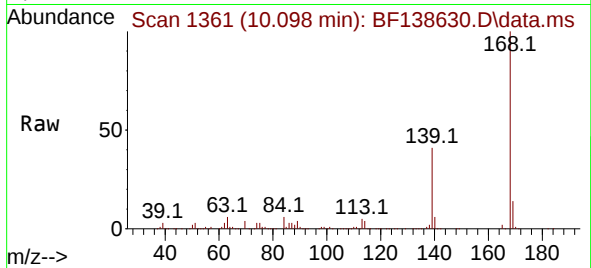
Tgt Ion:184 Resp: 32782
Ion Ratio Lower Upper
184 100
63 76.6 70.6 106.0
154 67.3 53.8 80.6





#55
Dibenzenofuran
Concen: 39.201 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

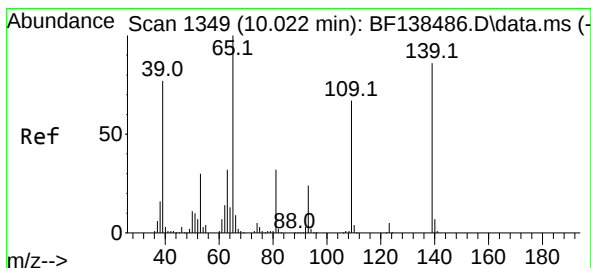
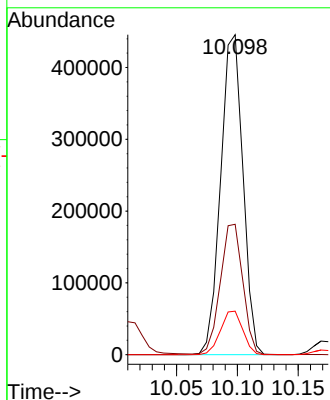
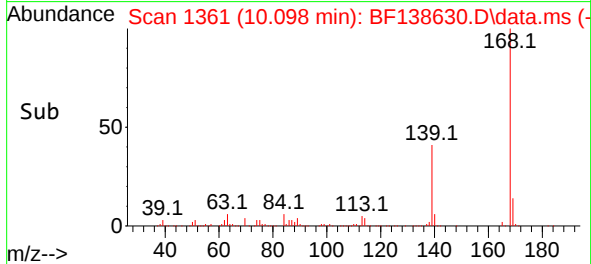
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:168 Resp: 568069
Ion Ratio Lower Upper
168 100
139 40.8 32.4 48.6
169 13.6 10.9 16.3

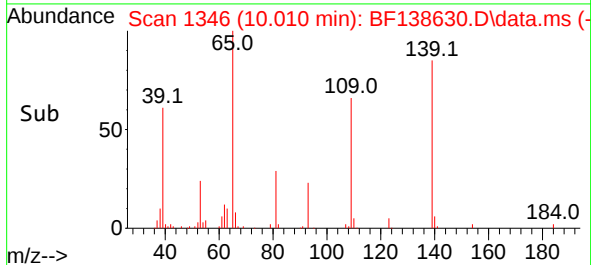
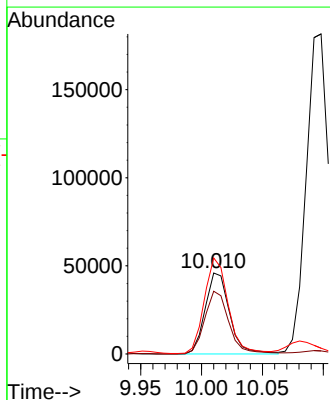
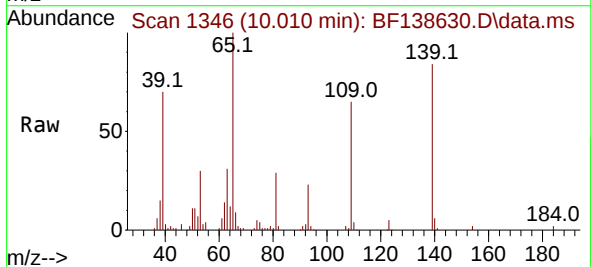
Manual Integrations
APPROVED

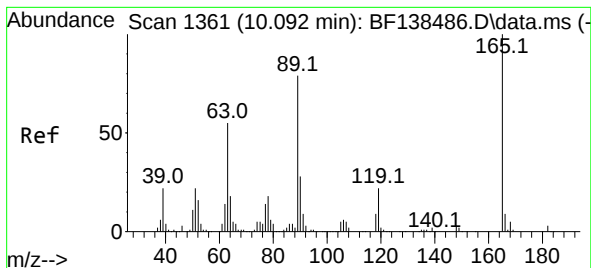
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#56
4-Nitrophenol
Concen: 30.736 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:139 Resp: 63990
Ion Ratio Lower Upper
139 100
109 77.4 58.1 98.1
65 118.5 96.9 136.9





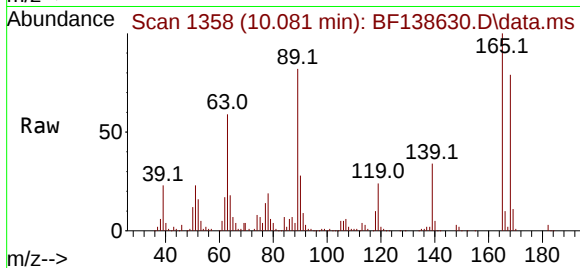
#57
2,4-Dinitrotoluene
Concen: 38.416 ng
RT: 10.081 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



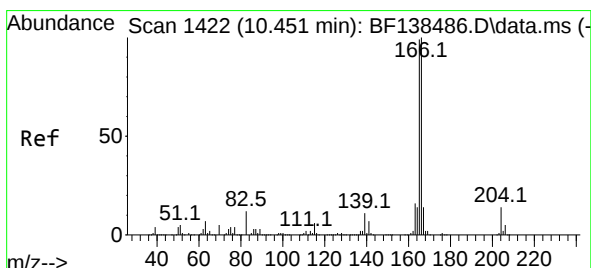
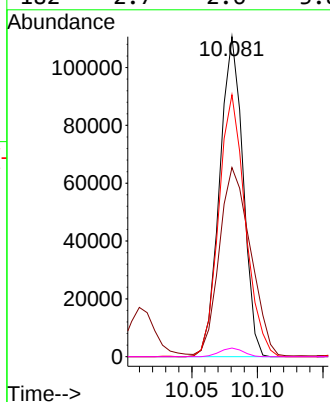
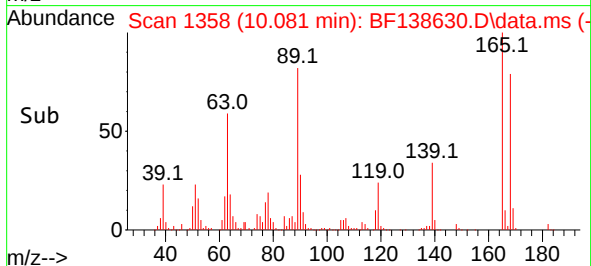
Tgt Ion:165 Resp: 136830
Ion Ratio Lower Upper
165 100
63 59.1 44.6 66.8
89 81.9 63.4 95.2
182 2.7 2.6 3.8

Manual Integrations

APPROVED

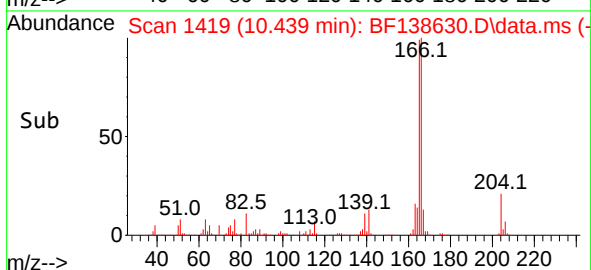
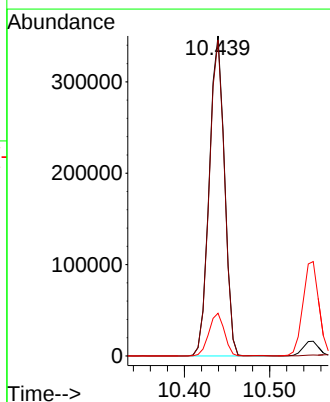
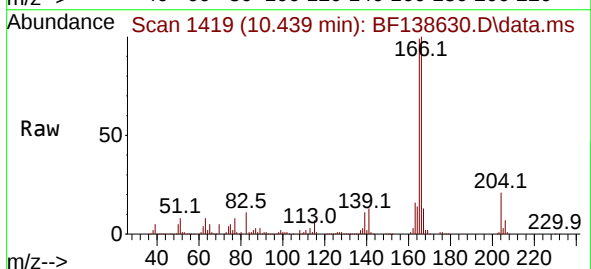
Reviewed By :Yogesh Patel 07/30/2024

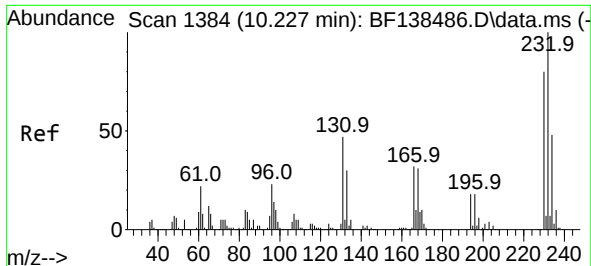
Supervised By :mohammad ahmed 07/30/2024



#58
Fluorene
Concen: 38.003 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

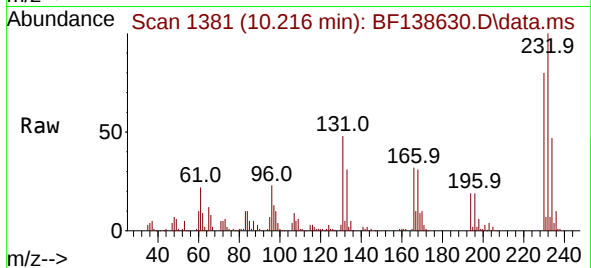
Tgt Ion:166 Resp: 435758
Ion Ratio Lower Upper
166 100
165 98.7 79.1 118.7
167 13.3 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 35.033 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

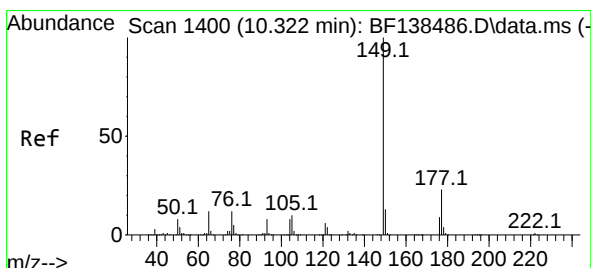
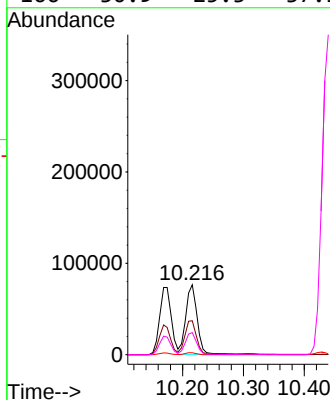
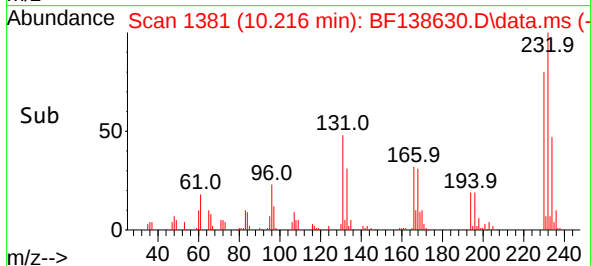
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:232 Resp: 99968
Ion Ratio Lower Upper
232 100
131 49.2 37.5 56.3
130 2.7 2.0 3.0
166 30.9 25.3 37.9

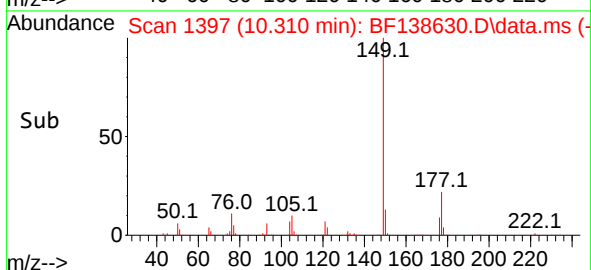
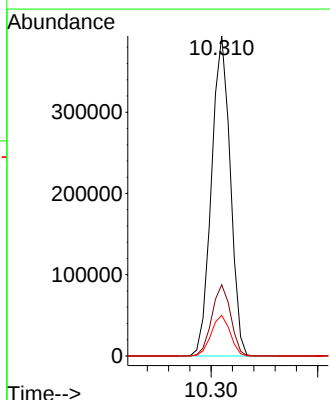
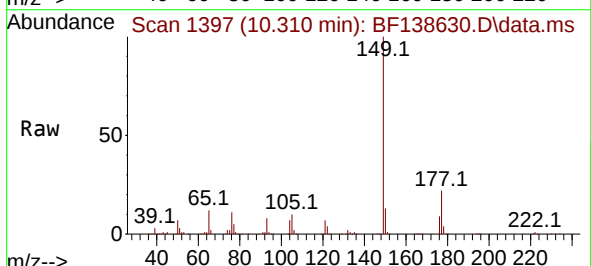
Manual Integrations
APPROVED

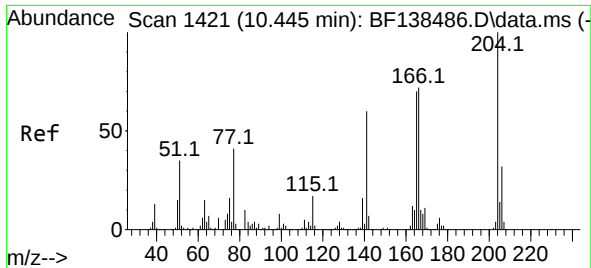
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#60
Diethylphthalate
Concen: 41.734 ng
RT: 10.310 min Scan# 1397
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:149 Resp: 481052
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.7 10.3 15.5





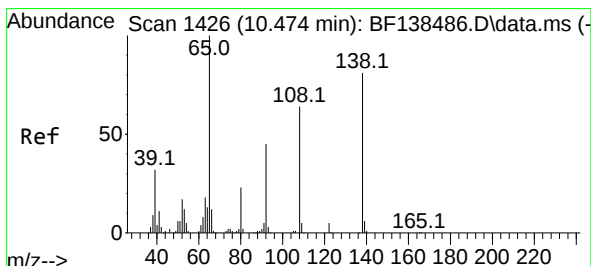
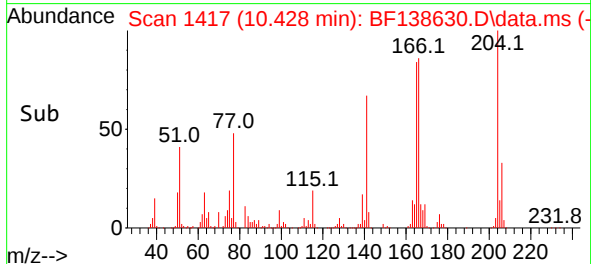
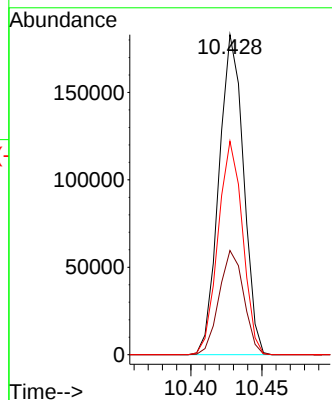
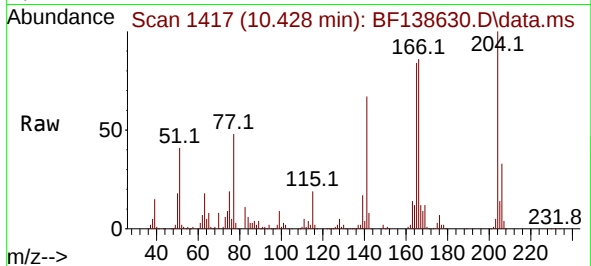
#61
4-Chlorophenyl-phenylether
Concen: 38.309 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 22057
Ion Ratio Lower Upper
204 100
206 32.6 25.6 38.4
141 66.7 47.7 71.5

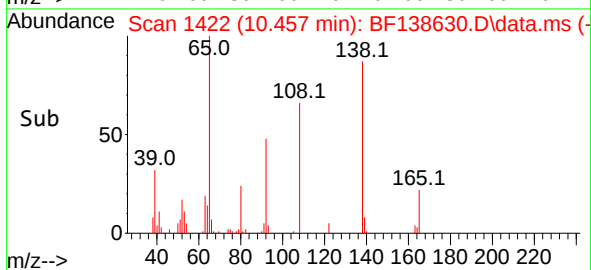
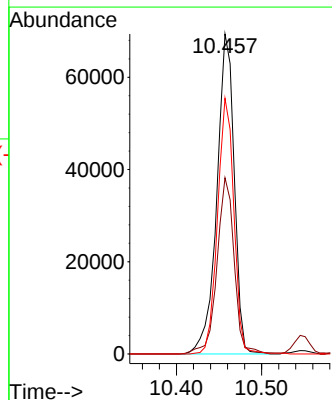
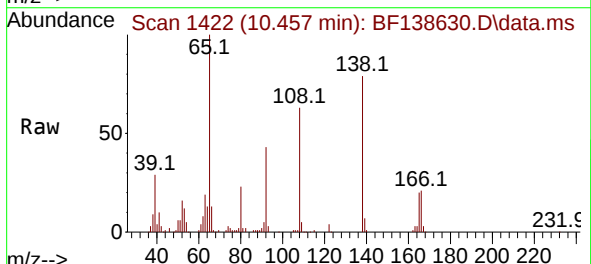
Manual Integrations
APPROVED

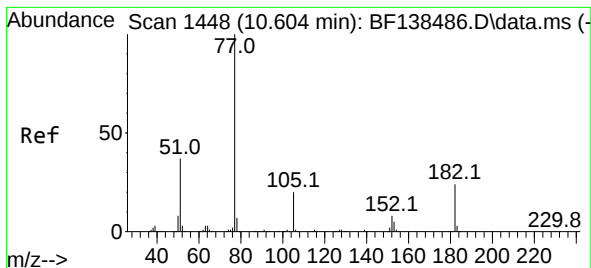
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#62
4-Nitroaniline
Concen: 34.928 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

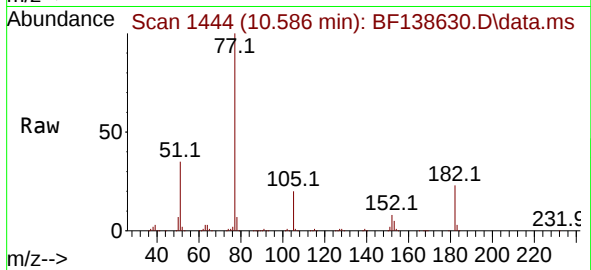
Tgt Ion:138 Resp: 98756
Ion Ratio Lower Upper
138 100
92 55.1 35.8 75.8
108 79.9 59.8 99.8





#63
Azobenzene
Concen: 39.351 ng
RT: 10.586 min Scan# 1444
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

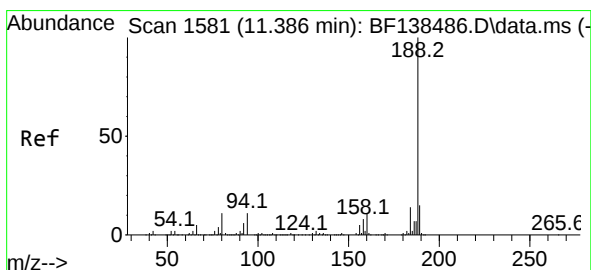
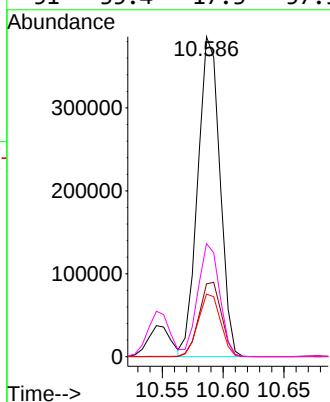
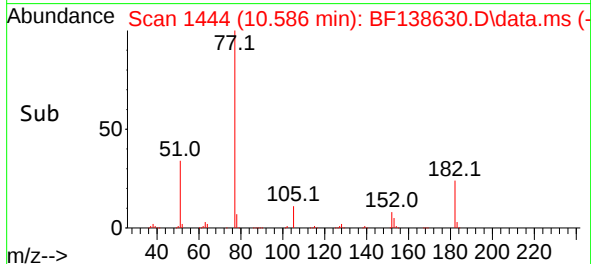
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



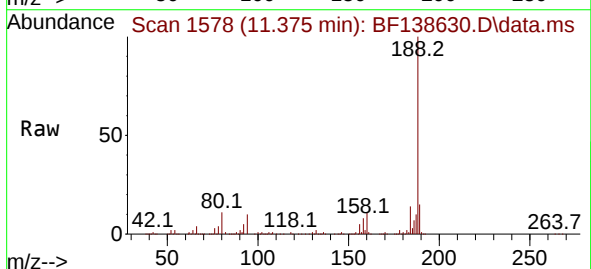
Tgt Ion: 77 Resp: 487650
Ion Ratio Lower Upper
77 100
182 22.8 3.8 43.8
105 19.6 0.0 39.8
51 35.4 17.3 57.3

Manual Integrations
APPROVED

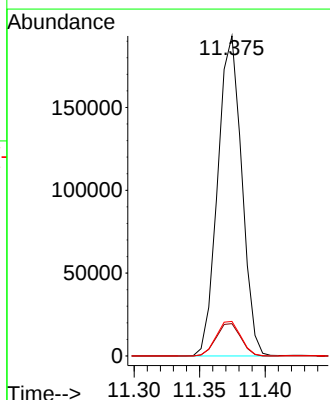
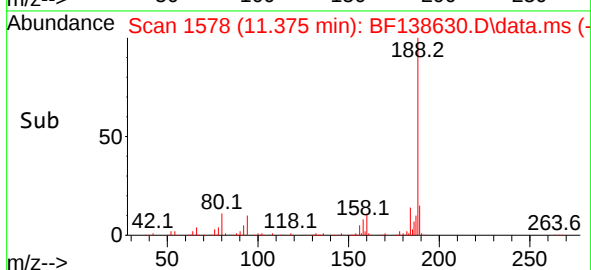
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

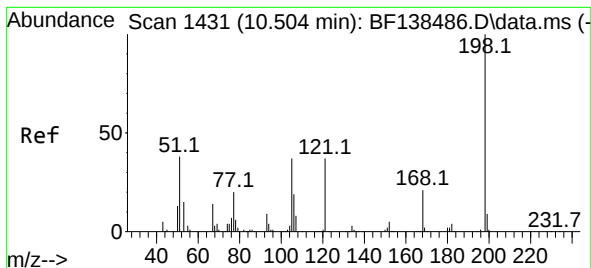


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:188 Resp: 245998
Ion Ratio Lower Upper
188 100
94 10.1 8.7 13.1
80 10.8 9.0 13.4





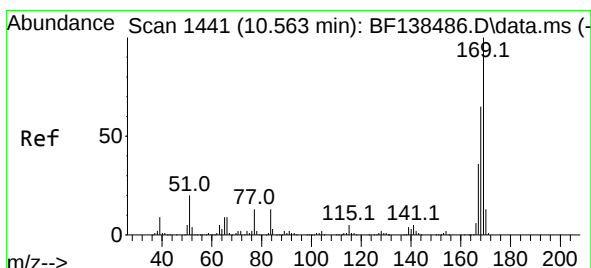
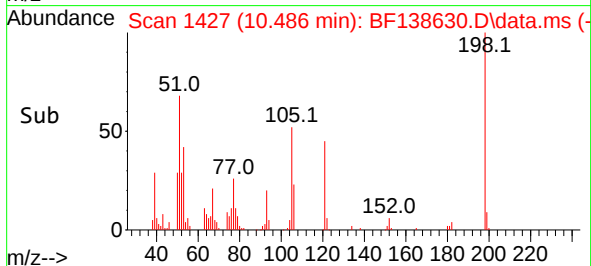
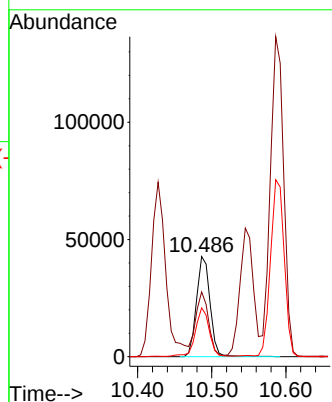
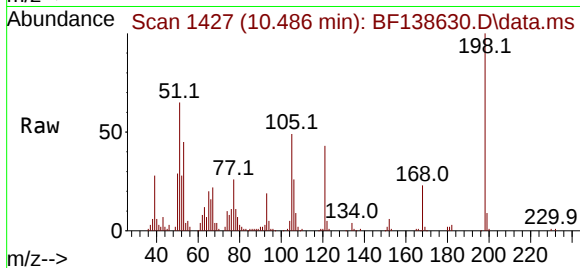
#65
4,6-Dinitro-2-methylphenol
Concen: 38.202 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:198 Resp: 5426
Ion Ratio Lower Upper
198 100
51 64.8 27.2 67.2
105 48.8 18.5 58.5

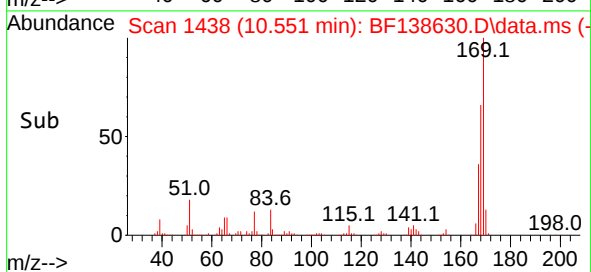
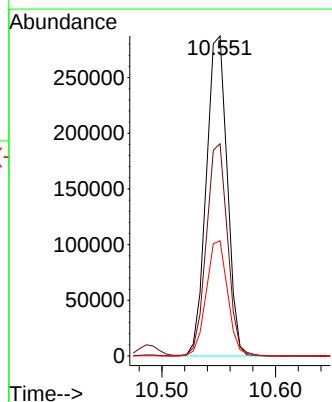
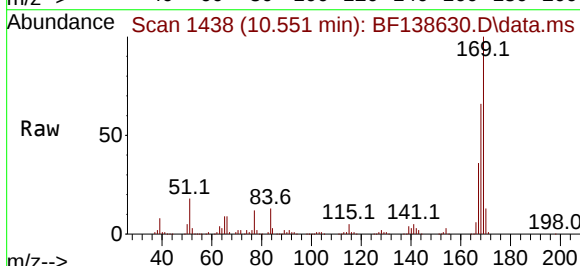
Manual Integrations
APPROVED

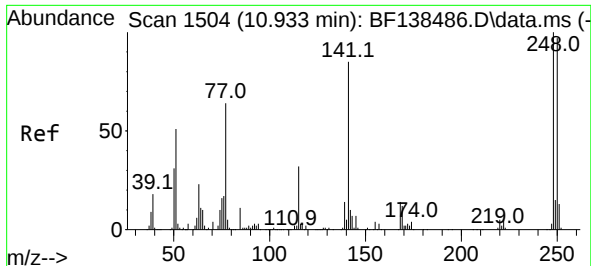
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#66
n-Nitrosodiphenylamine
Concen: 49.847 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

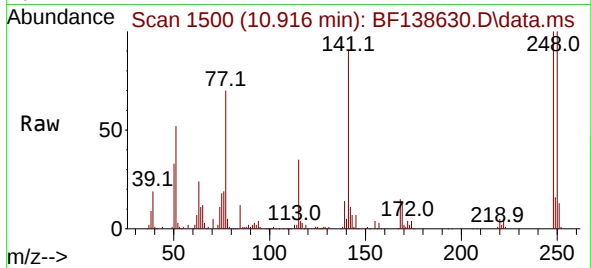
Tgt Ion:169 Resp: 367383
Ion Ratio Lower Upper
169 100
168 66.3 51.7 77.5
167 36.0 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 47.460 ng
RT: 10.916 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

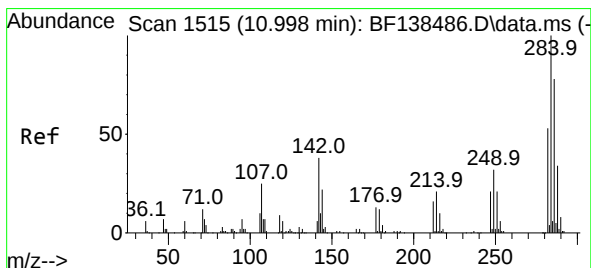
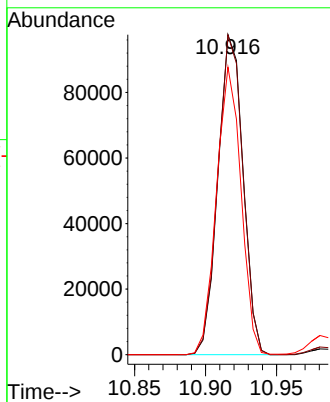
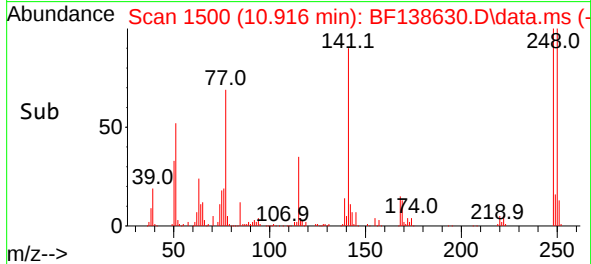
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:248 Resp: 11999
Ion Ratio Lower Upper
248 100
250 99.8 77.9 116.9
141 89.9 67.7 101.5

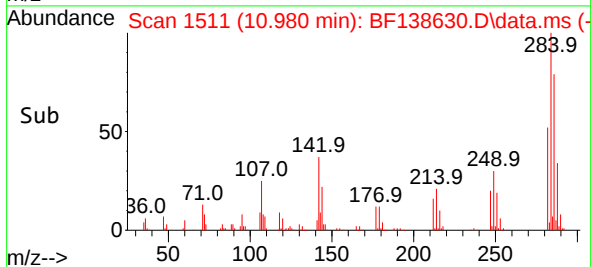
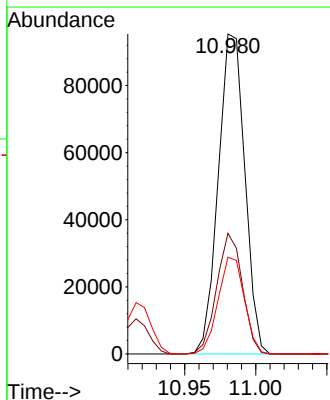
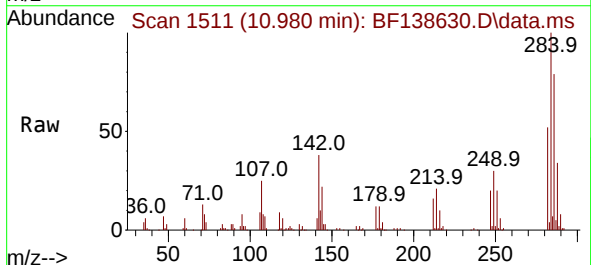
Manual Integrations
APPROVED

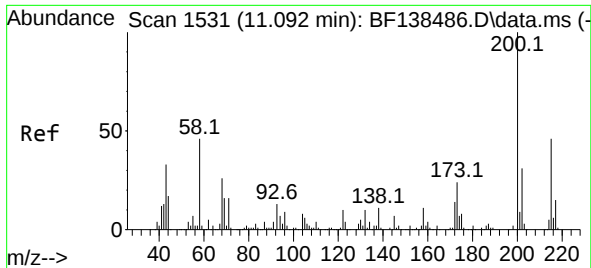
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#68
Hexachlorobenzene
Concen: 44.110 ng
RT: 10.980 min Scan# 1511
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

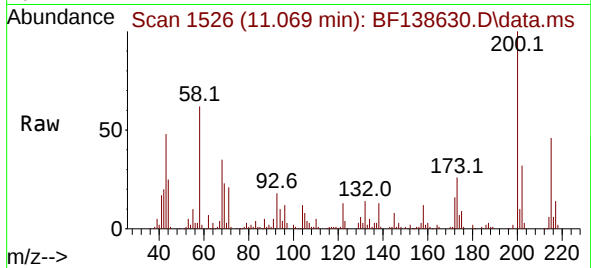
Tgt Ion:284 Resp: 123900
Ion Ratio Lower Upper
284 100
142 37.7 30.5 45.7
249 30.2 25.9 38.9





#69
 Atrazine
 Concen: 33.085 ng
 RT: 11.069 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

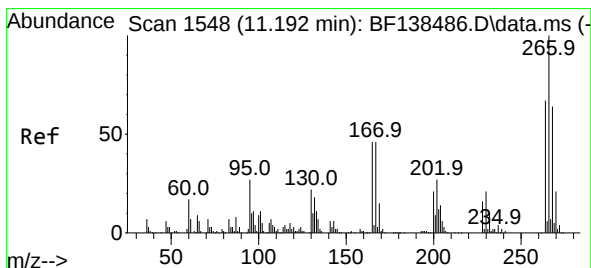
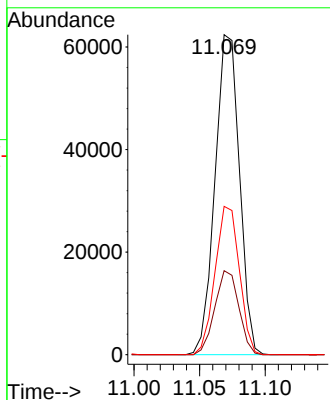
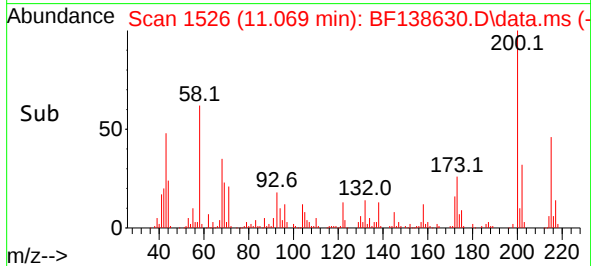
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



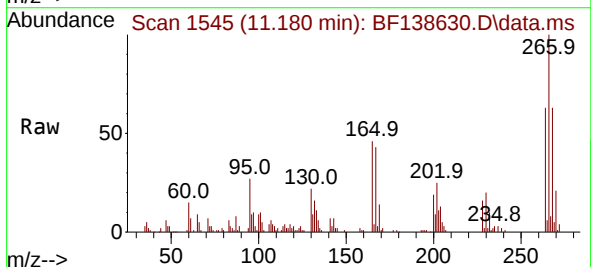
Tgt Ion:200 Resp: 8084
 Ion Ratio Lower Upper
 200 100
 173 26.3 4.1 44.1
 215 46.3 26.5 66.5

Manual Integrations
 APPROVED

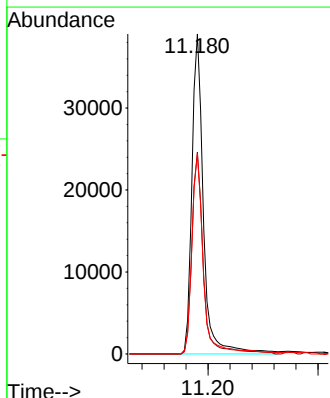
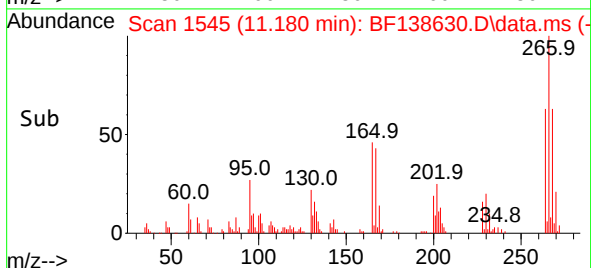
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

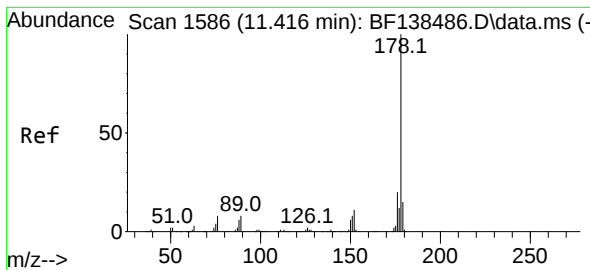


#70
 Pentachlorophenol
 Concen: 34.202 ng
 RT: 11.180 min Scan# 1545
 Delta R.T. -0.012 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09



Tgt Ion:266 Resp: 56847
 Ion Ratio Lower Upper
 266 100
 268 63.1 50.9 76.3
 264 62.6 53.5 80.3





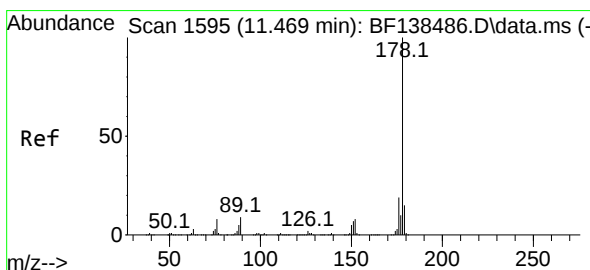
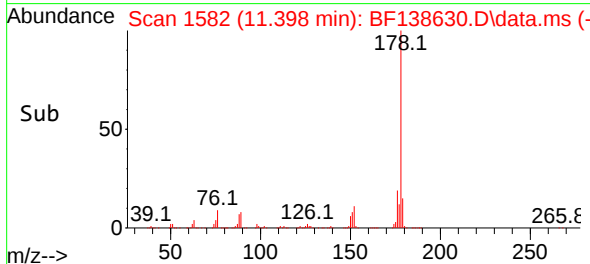
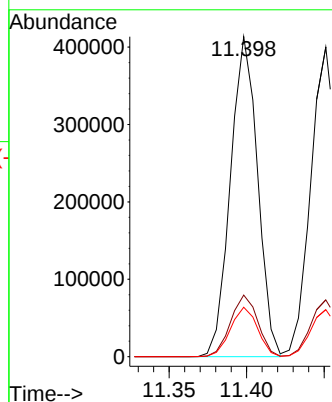
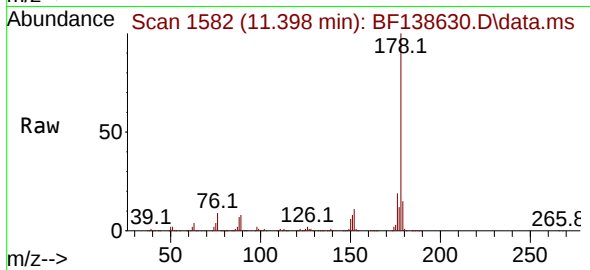
#71
Phenanthrene
Concen: 40.533 ng
RT: 11.398 min Scan# 1586
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:178 Resp: 503749
Ion Ratio Lower Upper
178 100
176 19.2 15.7 23.5
179 15.5 12.2 18.2

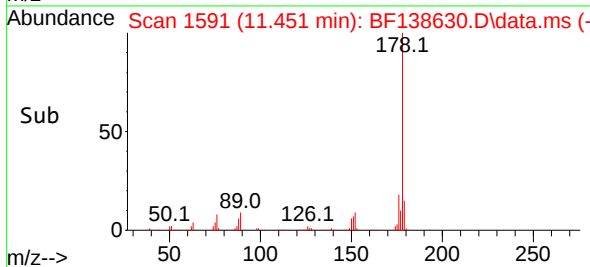
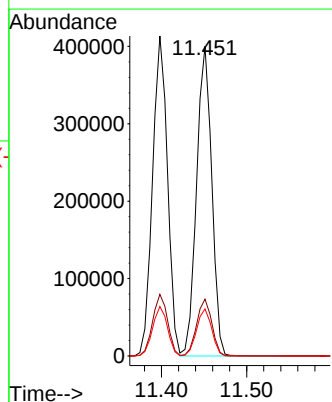
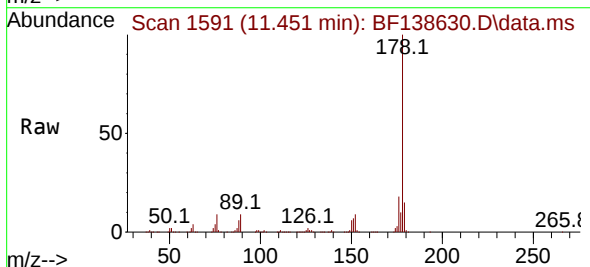
Manual Integrations
APPROVED

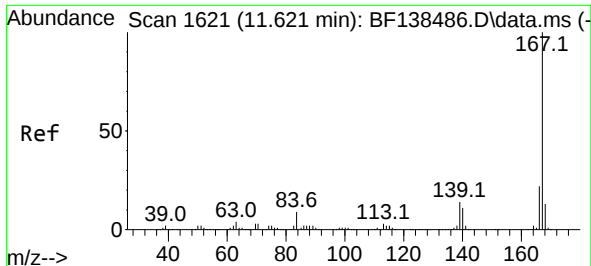
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#72
Anthracene
Concen: 40.164 ng
RT: 11.451 min Scan# 1591
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

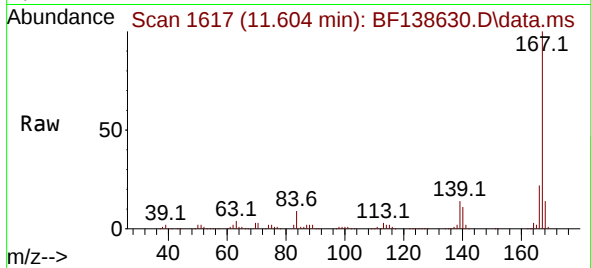
Tgt Ion:178 Resp: 495493
Ion Ratio Lower Upper
178 100
176 18.4 14.8 22.2
179 15.2 12.2 18.4





#73
 Carbazole
 Concen: 37.179 ng
 RT: 11.604 min Scan# 1617
 Delta R.T. -0.017 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

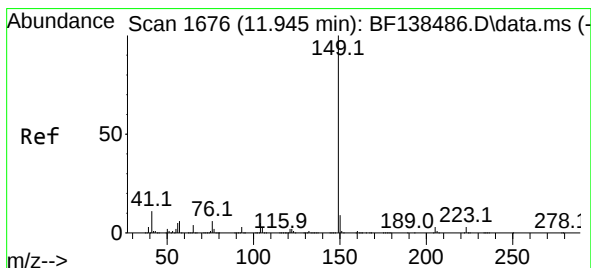
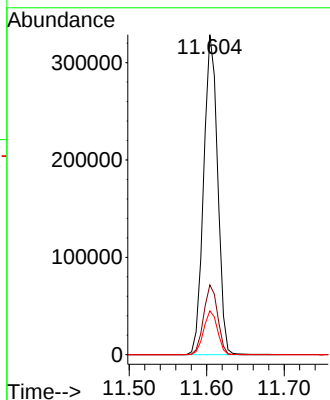
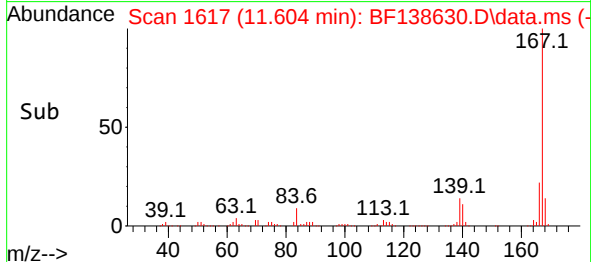
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



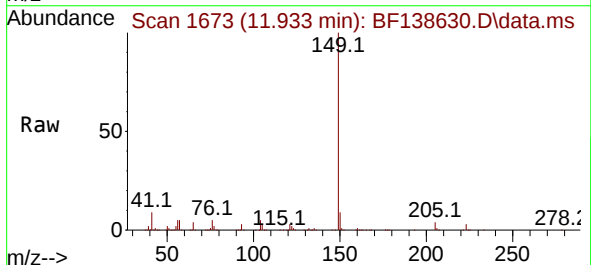
Tgt Ion:167 Resp: 412192
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.7 11.0 16.4

Manual Integrations
 APPROVED

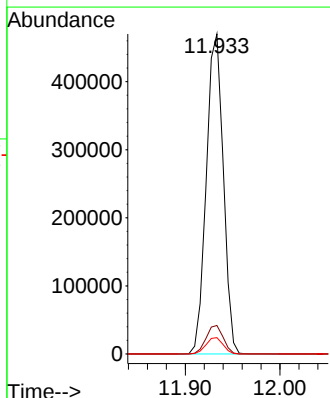
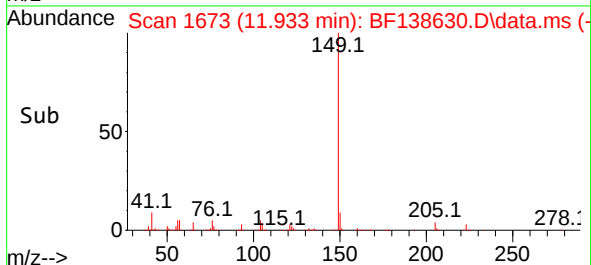
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

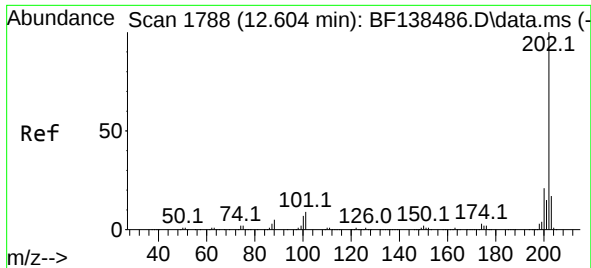


#74
 Di-n-butylphthalate
 Concen: 45.676 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09



Tgt Ion:149 Resp: 583714
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.1 4.4 6.6





#75
Fluoranthene
Concen: 34.125 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

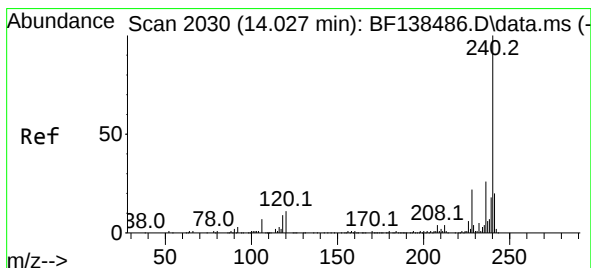
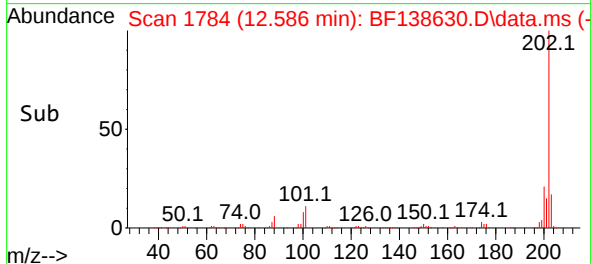
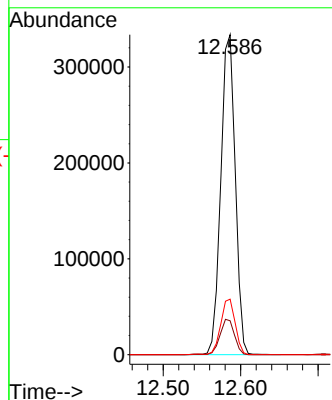
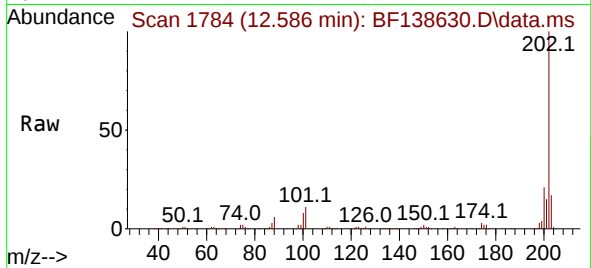
Tgt Ion:202 Resp: 43275
Ion Ratio Lower Upper
202 100
101 10.6 0.0 29.2
203 17.3 0.0 37.3

Manual Integrations

APPROVED

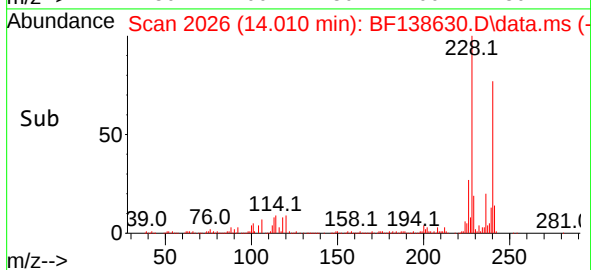
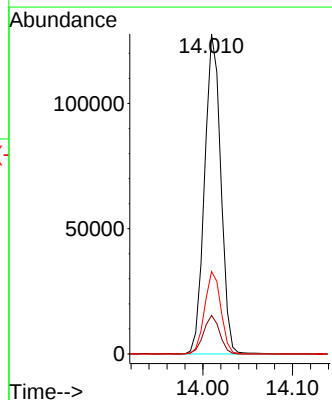
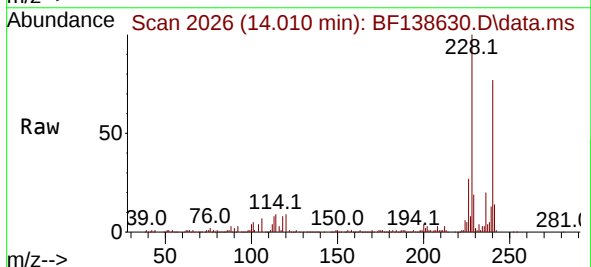
Reviewed By :Yogesh Patel 07/30/2024

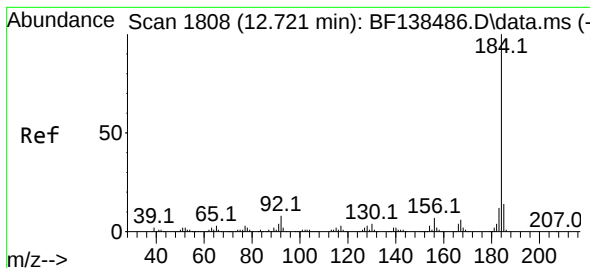
Supervised By :mohammad ahmed 07/30/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

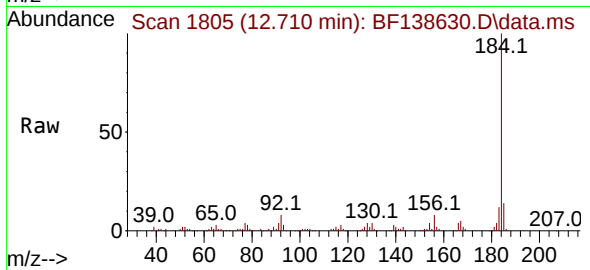
Tgt Ion:240 Resp: 160441
Ion Ratio Lower Upper
240 100
120 12.0 8.6 12.8
236 25.8 21.0 31.6





#77
Benzidine
Concen: 32.276 ng
RT: 12.710 min Scan# 1805
Delta R.T. -0.011 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

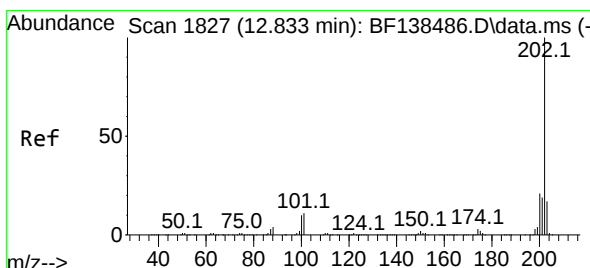
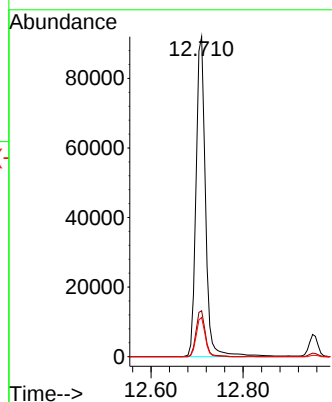
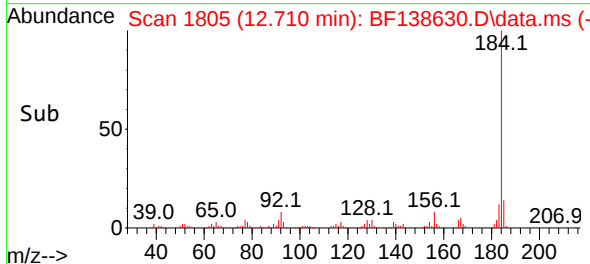
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



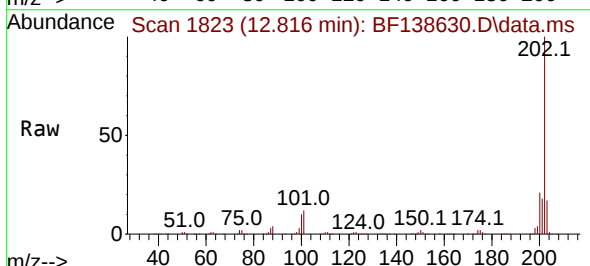
Tgt Ion:184 Resp: 130652
Ion Ratio Lower Upper
184 100
185 14.3 11.3 16.9
183 12.2 9.5 14.3

Manual Integrations
APPROVED

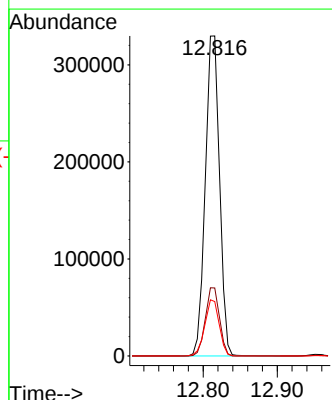
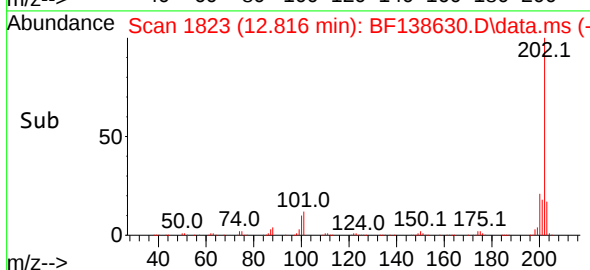
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

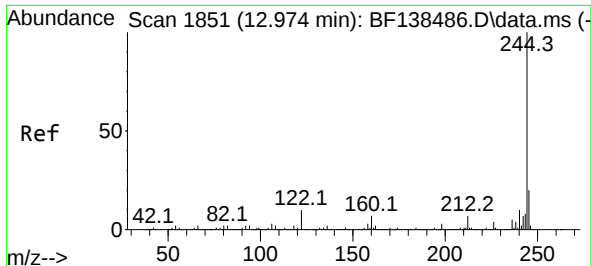


#78
Pyrene
Concen: 27.043 ng
RT: 12.816 min Scan# 1823
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:202 Resp: 440452
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.0 13.7 20.5





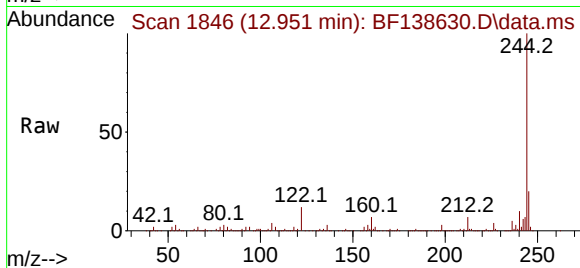
#79
 Terphenyl-d14
 Concen: 58.504 ng
 RT: 12.951 min Scan# 1846
 Delta R.T. -0.023 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



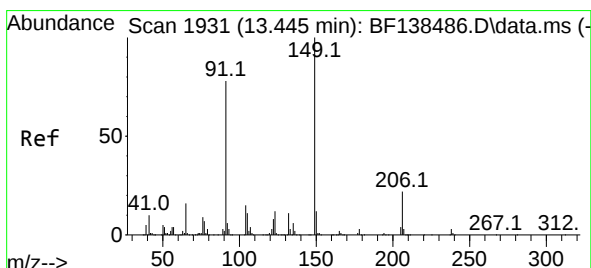
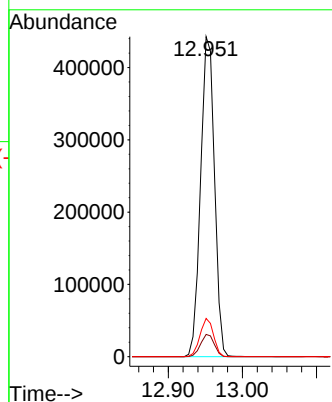
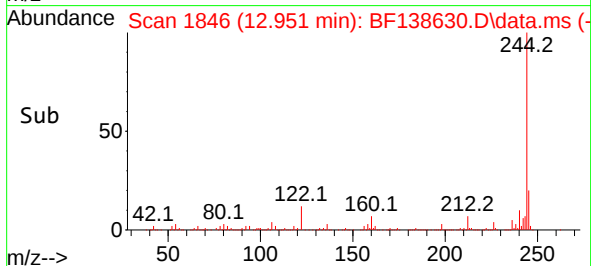
Tgt Ion:244 Resp: 57616
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.5 8.3
 122 12.0 7.8 11.8

Manual Integrations

APPROVED

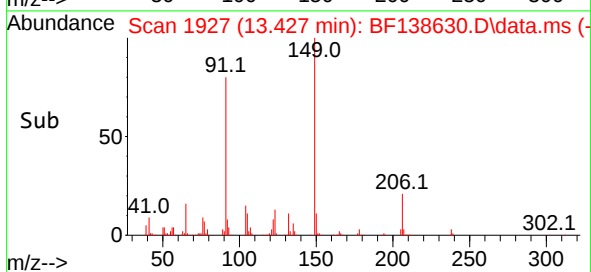
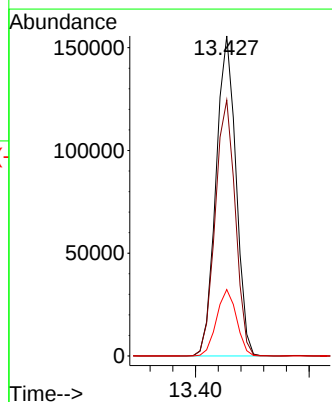
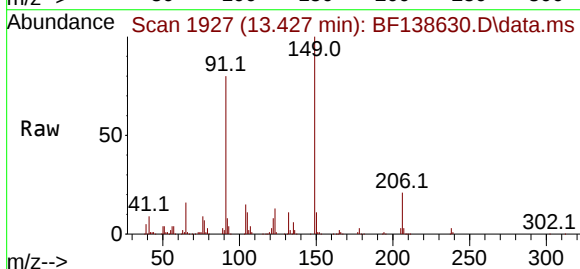
Reviewed By :Yogesh Patel 07/30/2024

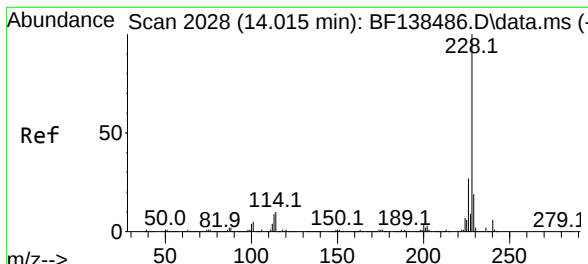
Supervised By :mohammad ahmed 07/30/2024



#80
 Butylbenzylphthalate
 Concen: 38.834 ng
 RT: 13.427 min Scan# 1927
 Delta R.T. -0.017 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

Tgt Ion:149 Resp: 190262
 Ion Ratio Lower Upper
 149 100
 91 79.9 62.1 93.1
 206 20.8 18.0 27.0





#81
 Benzo(a)anthracene
 Concen: 41.868 ng
 RT: 13.998 min Scan# 2018
 Delta R.T. -0.017 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

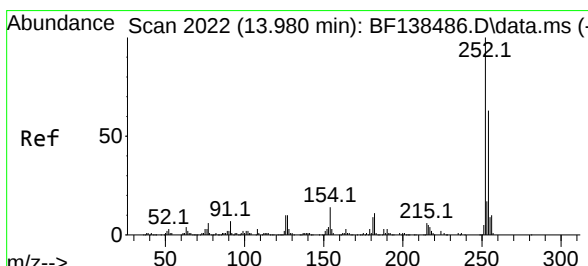
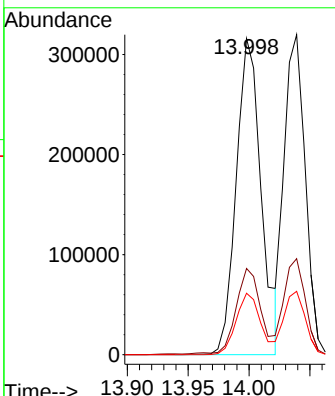
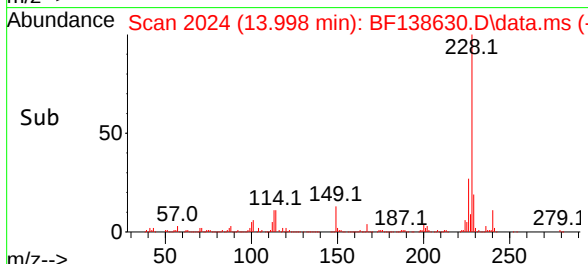
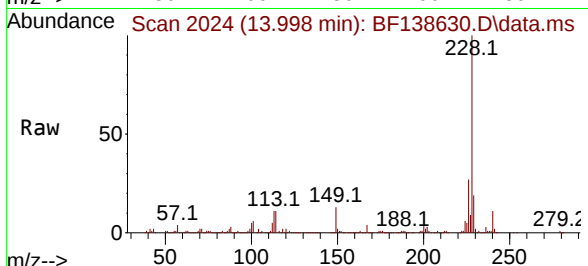
Instrument : BNA_F
 ClientSampleId : SSTDCCC040EC

Tgt Ion:228 Resp: 45073

Ion	Ratio	Lower	Upper
228	100		
226	27.3	21.9	32.9
229	19.4	15.5	23.3

Manual Integrations
 APPROVED

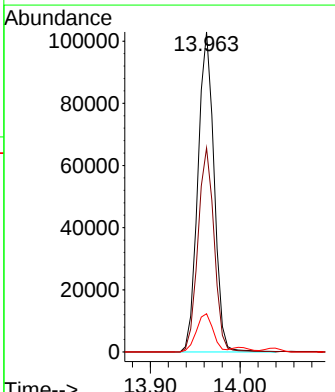
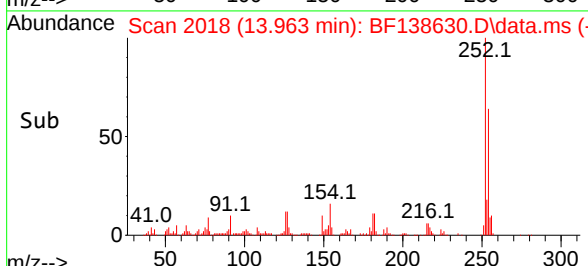
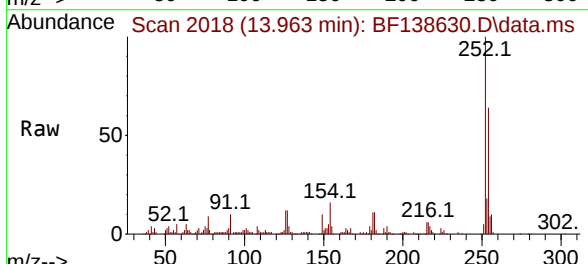
Reviewed By :Yogesh Patel 07/30/2024
 Supervised By :mohammad ahmed 07/30/2024

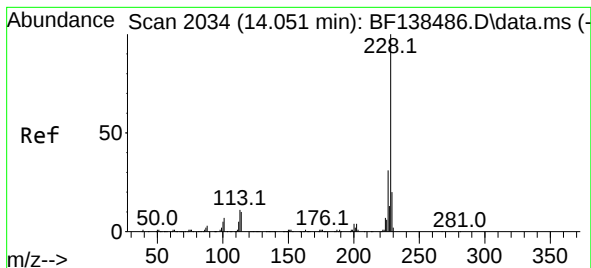


#82
 3,3'-Dichlorobenzidine
 Concen: 46.409 ng
 RT: 13.963 min Scan# 2018
 Delta R.T. -0.017 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

Tgt Ion:252 Resp: 128740

Ion	Ratio	Lower	Upper
252	100		
254	63.8	50.3	75.5
126	11.9	8.1	12.1





#83

Chrysene

Concen: 37.858 ng

RT: 14.039 min Scan# 2034

Delta R.T. -0.012 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

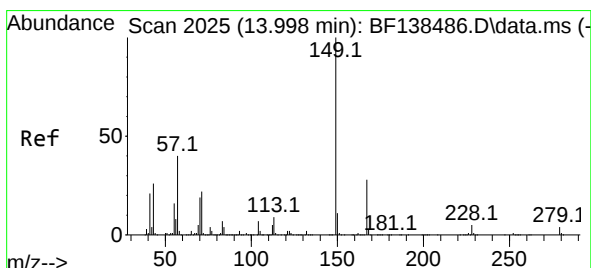
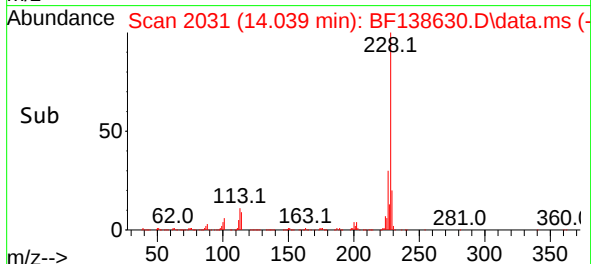
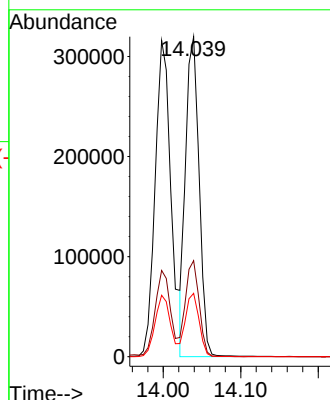
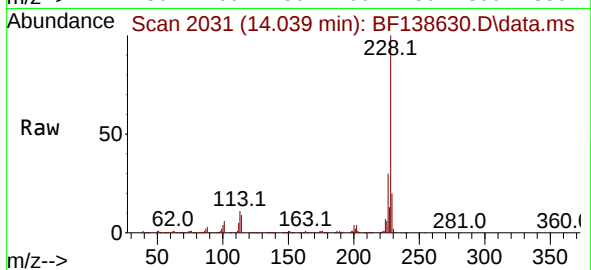
Tgt Ion:	228	Resp:	38556
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	19.8	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024

Supervised By :mohammad ahmed 07/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.689 ng

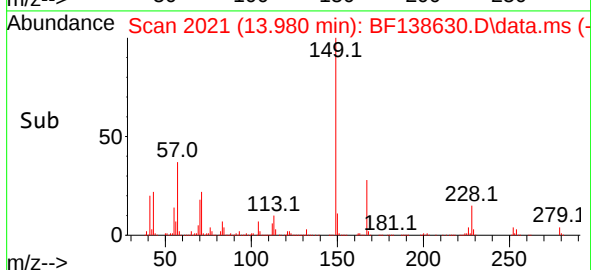
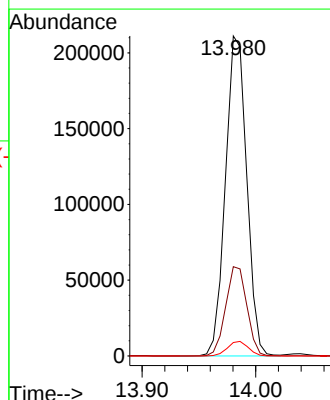
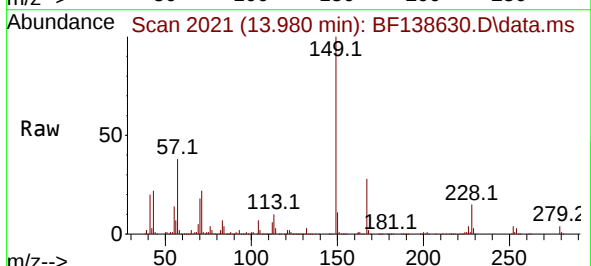
RT: 13.980 min Scan# 2021

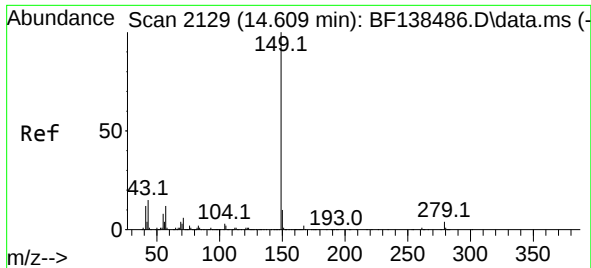
Delta R.T. -0.017 min

Lab File: BF138630.D

Acq: 23 Jul 2024 21:09

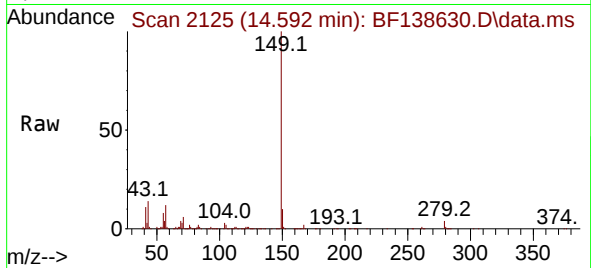
Tgt Ion:	149	Resp:	275316
Ion Ratio	Lower	Upper	
149	100		
167	27.9	22.5	33.7
279	4.2	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 60.736 ng
RT: 14.592 min Scan# 2125
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

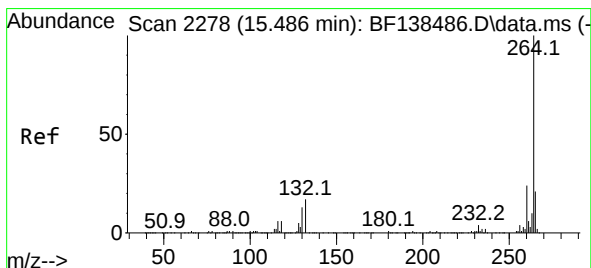
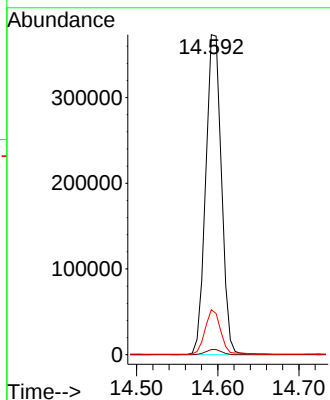
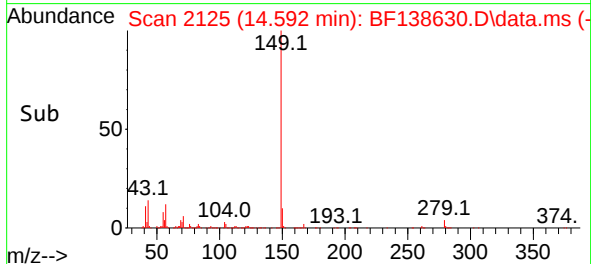
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



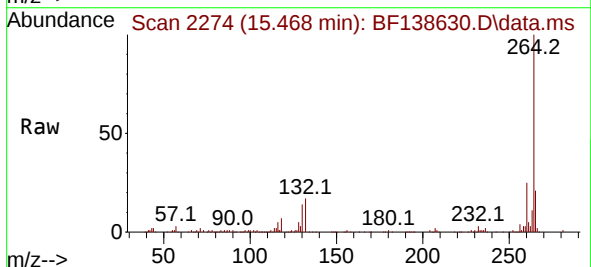
Tgt Ion:149 Resp: 501354
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.8 10.7 16.1

Manual Integrations
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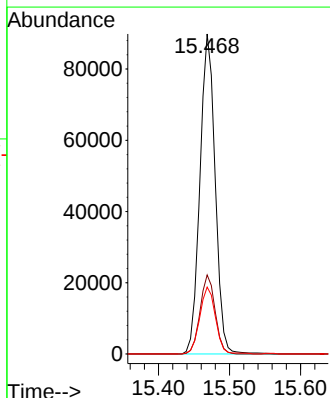
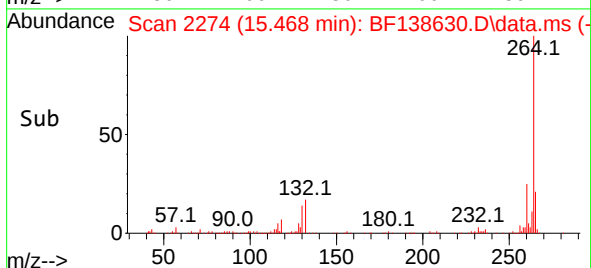
Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024

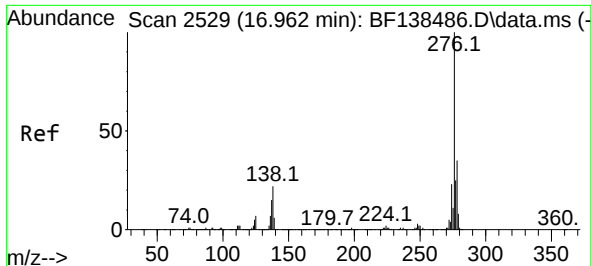


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:264 Resp: 134497
Ion Ratio Lower Upper
264 100
260 24.7 19.0 28.6
265 20.9 17.0 25.4





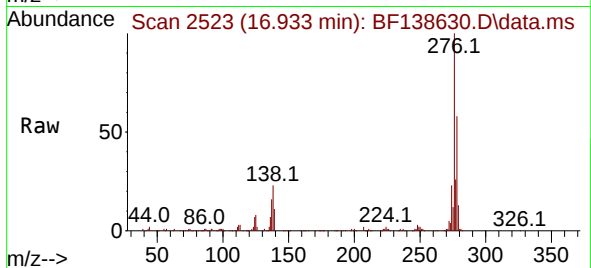
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 27.048 ng
 RT: 16.933 min Scan# 21
 Delta R.T. -0.029 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



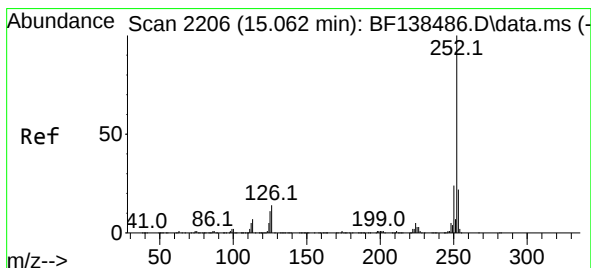
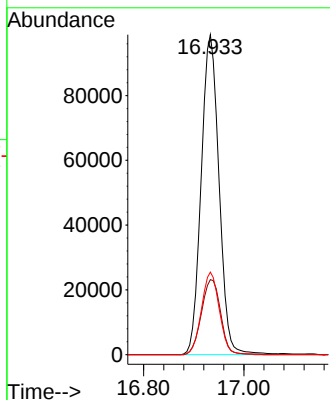
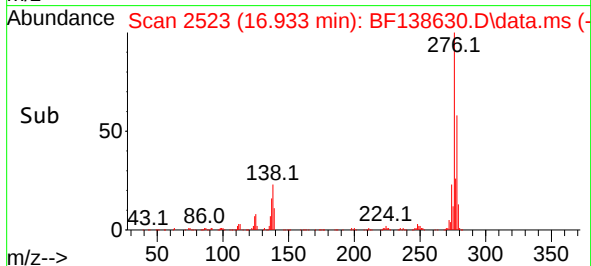
Tgt Ion:276 Resp: 24436
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.6 29.4
 277 25.8 20.5 30.7

Manual Integrations

APPROVED

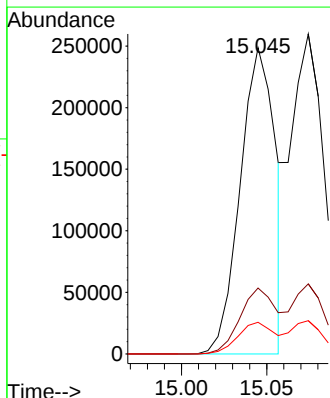
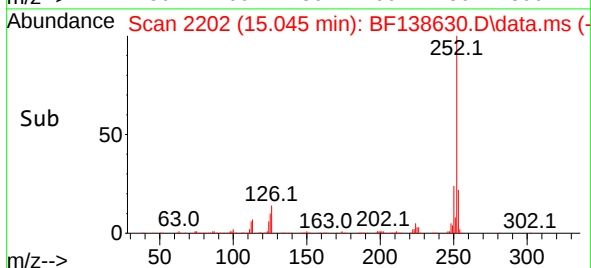
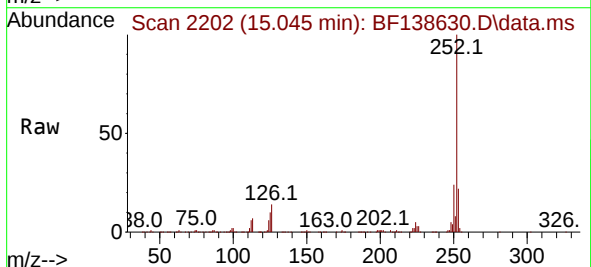
Reviewed By :Yogesh Patel 07/30/2024

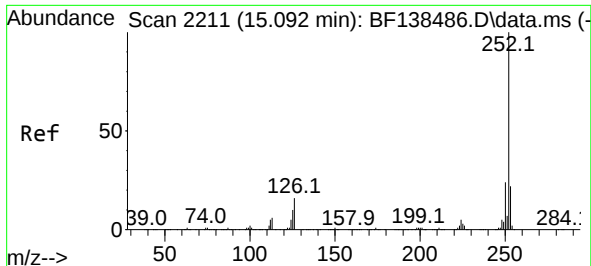
Supervised By :mohammad ahmed 07/30/2024



#88
 Benzo(b)fluoranthene
 Concen: 47.070 ng
 RT: 15.045 min Scan# 2202
 Delta R.T. -0.017 min
 Lab File: BF138630.D
 Acq: 23 Jul 2024 21:09

Tgt Ion:252 Resp: 356531
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.3 25.9
 125 10.4 8.6 13.0





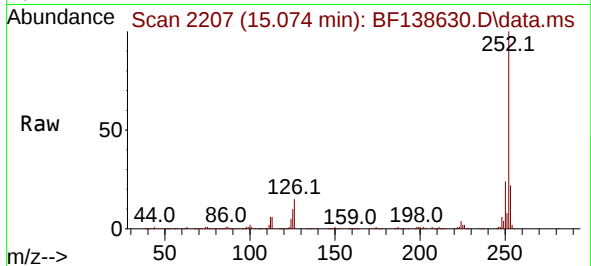
#89
Benzo(k)fluoranthene
Concen: 47.922 ng m
RT: 15.074 min Scan# 21
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



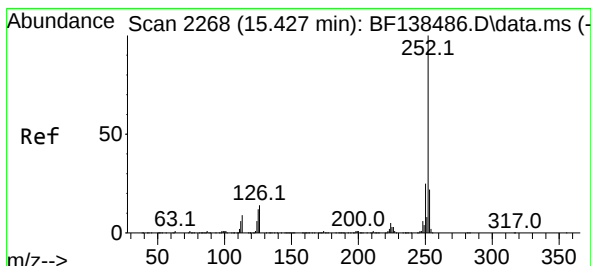
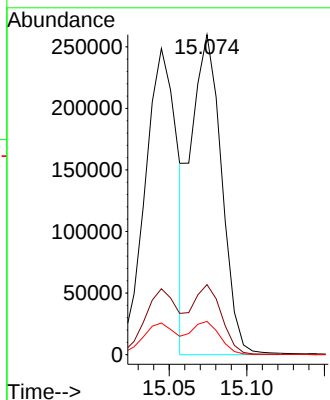
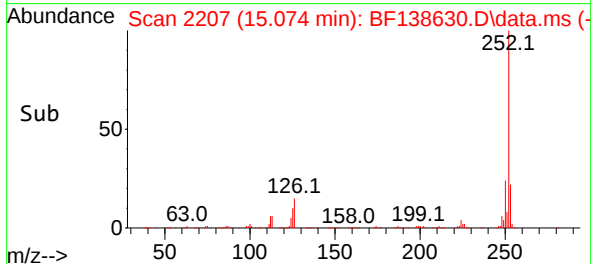
Tgt Ion:252 Resp: 35401
Ion Ratio Lower Upper
252 100
253 21.9 17.7 26.5
125 10.4 8.1 12.1

Manual Integrations

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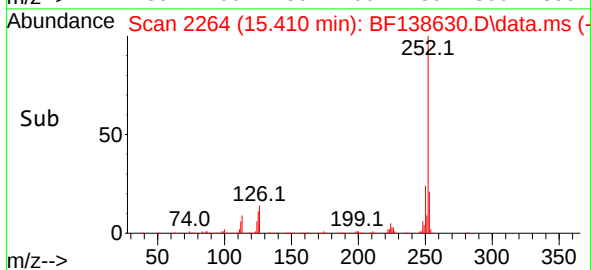
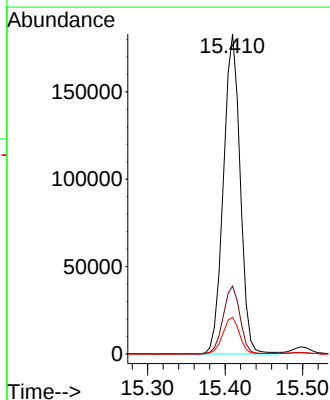
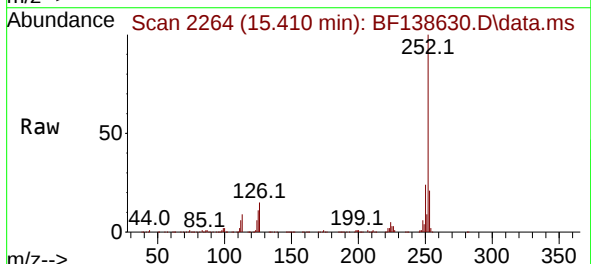
Reviewed By :Yogesh Patel 07/30/2024

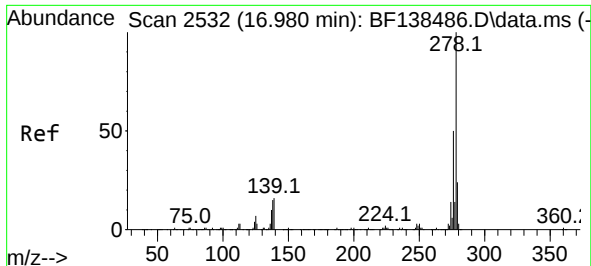
Supervised By :mohammad ahmed 07/30/2024



#90
Benzo(a)pyrene
Concen: 41.373 ng
RT: 15.410 min Scan# 2264
Delta R.T. -0.017 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Tgt Ion:252 Resp: 275290
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.0
125 11.4 9.4 14.2





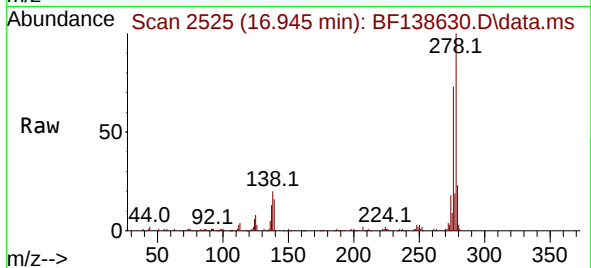
#91
Dibenzo(a,h)anthracene
Concen: 27.250 ng
RT: 16.945 min Scan# 2525
Delta R.T. -0.035 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

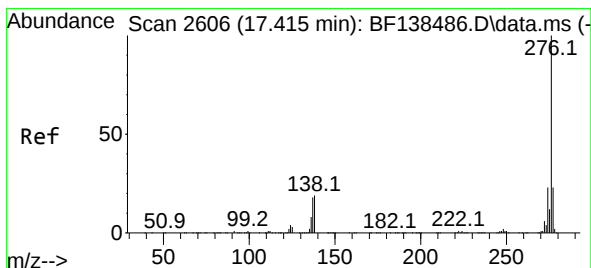
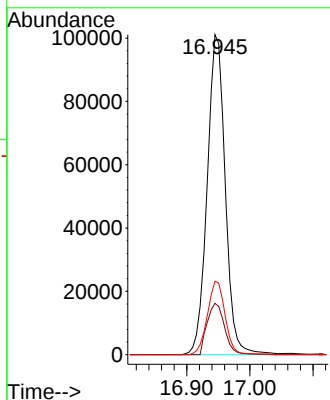
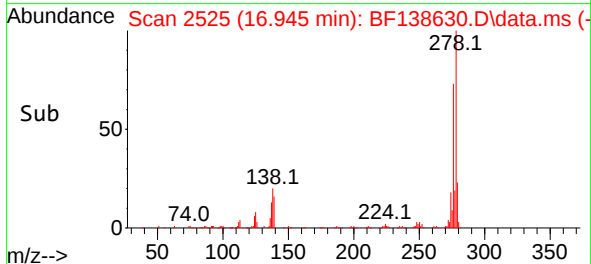


Tgt Ion:278 Resp: 201370
Ion Ratio Lower Upper
278 100
139 16.1 12.8 19.2
279 23.0 19.1 28.7

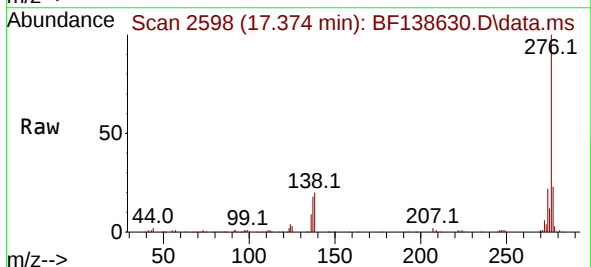
Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/30/2024
Supervised By :mohammad ahmed 07/30/2024



#92
Benzo(g,h,i)perylene
Concen: 25.914 ng
RT: 17.374 min Scan# 2598
Delta R.T. -0.041 min
Lab File: BF138630.D
Acq: 23 Jul 2024 21:09



Tgt Ion:276 Resp: 203074
Ion Ratio Lower Upper
276 100
277 23.2 18.0 27.0
138 20.4 15.5 23.3

