

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF072424\
 Data File : BF138636.D
 Acq On : 24 Jul 2024 13:02
 Operator : RC/JU
 Sample : PB162224BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162224BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024

Quant Time: Jul 24 13:30:02 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	6.851	152	82445	20.000	ng	-0.02
21) Naphthalene-d8	8.134	136	340645	20.000	ng	-0.02
39) Acenaphthene-d10	9.892	164	189271	20.000	ng	-0.01
64) Phenanthrene-d10	11.375	188	330092	20.000	ng	-0.01
76) Chrysene-d12	14.010	240	147111	20.000	ng	-0.02
86) Perylene-d12	15.468	264	170250	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	652454	125.335	ng	0.00
7) Phenol-d6	6.498	99	874832	126.328	ng	0.00
23) Nitrobenzene-d5	7.422	82	575995	83.019	ng	-0.01
42) 2,4,6-Tribromophenol	10.681	330	228976	129.443	ng	-0.01
45) 2-Fluorobiphenyl	9.210	172	996402	82.278	ng	-0.02
79) Terphenyl-d14	12.957	244	984044	108.974	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	82227	35.665	ng	96
3) Pyridine	3.457	79	217432	38.242	ng	95
4) n-Nitrosodimethylamine	3.416	42	164844	44.538	ng	93
6) Aniline	6.516	93	223704	34.489	ng	# 30
8) 2-Chlorophenol	6.640	128	264079	47.976	ng	98
9) Benzaldehyde	6.404	77	21712	5.858	ng	96
10) Phenol	6.510	94	341512	46.461	ng	87
11) bis(2-Chloroethyl)ether	6.593	93	262001	47.342	ng	97
12) 1,3-Dichlorobenzene	6.793	146	270158	43.664	ng	98
13) 1,4-Dichlorobenzene	6.869	146	274297	43.657	ng	98
14) 1,2-Dichlorobenzene	7.022	146	265621	45.391	ng	98
15) Benzyl Alcohol	6.998	79	247514	47.626	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	466603	42.873	ng	64
17) 2-Methylphenol	7.110	107	211587	46.902	ng	94
18) Hexachloroethane	7.363	117	104557	45.267	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	203698	47.604	ng	94
20) 3+4-Methylphenols	7.263	107	267974	47.172	ng	92
22) Acetophenone	7.263	105	344220	41.606	ng	99
24) Nitrobenzene	7.440	77	306843	43.520	ng	97
25) Isophorone	7.675	82	550926	46.239	ng	100
26) 2-Nitrophenol	7.751	139	141525	46.833	ng	95
27) 2,4-Dimethylphenol	7.792	122	180279m	48.539	ng	
28) bis(2-Chloroethoxy)met...	7.887	93	324358	45.551	ng	99
29) 2,4-Dichlorophenol	7.998	162	212500	44.059	ng	98
30) 1,2,4-Trichlorobenzene	8.075	180	230720	41.064	ng	99
31) Naphthalene	8.157	128	773161	43.641	ng	99
32) Benzoic acid	7.928	122	123211	34.782	ng	95
33) 4-Chloroaniline	8.204	127	134207	21.590	ng	99
34) Hexachlorobutadiene	8.269	225	137167	39.645	ng	99
35) Caprolactam	8.581	113	66715m	42.866	ng	
36) 4-Chloro-3-methylphenol	8.698	107	248586	46.038	ng	99
37) 2-Methylnaphthalene	8.845	142	496594	43.557	ng	100
38) 1-Methylnaphthalene	8.945	142	463328	41.641	ng	99
40) 1,2,4,5-Tetrachloroben...	9.016	216	207896	39.411	ng	98
41) Hexachlorocyclopentadiene	8.998	237	192020	112.148	ng	99
43) 2,4,6-Trichlorophenol	9.128	196	143221	42.563	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	152942	41.325	ng	# 94
46) 1,1'-Biphenyl	9.310	154	587554	40.962	ng	99
47) 2-Chloronaphthalene	9.339	162	460205	42.469	ng	99
48) 2-Nitroaniline	9.439	65	176471	46.996	ng	97
49) Acenaphthylene	9.751	152	741553	48.201	ng	99
50) Dimethylphthalate	9.616	163	569893	46.565	ng	99
51) 2,6-Dinitrotoluene	9.681	165	124199	44.075	ng	91
52) Acenaphthene	9.928	154	451959	44.194	ng	99
53) 3-Nitroaniline	9.845	138	79636	27.573	ng	91
54) 2,4-Dinitrophenol	9.957	184	126250	83.277	ng	95
55) Dibenzofuran	10.098	168	662742	44.679	ng	99
56) 4-Nitrophenol	10.022	139	175290	82.255	ng	99
57) 2,4-Dinitrotoluene	10.086	165	166998	45.803	ng	93
58) Fluorene	10.439	166	522429	44.512	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	132004	45.194	ng	97
60) Diethylphthalate	10.316	149	547688	46.420	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	256688	43.554	ng	93
62) 4-Nitroaniline	10.463	138	123582	42.700	ng	99
63) Azobenzene	10.592	77	600010	47.301	ng	98
65) 4,6-Dinitro-2-methylph...	10.492	198	94267	49.459	ng	79
66) n-Nitrosodiphenylamine	10.551	169	464986	47.017	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	152891	45.064	ng	97
68) Hexachlorobenzene	10.986	284	168708	44.761	ng	95
69) Atrazine	11.075	200	143136	43.653	ng	97
70) Pentachlorophenol	11.181	266	172240	77.229	ng	97
71) Phenanthrene	11.404	178	775604	46.509	ng	100
72) Anthracene	11.451	178	788166	47.611	ng	99
73) Carbazole	11.610	167	665995	44.768	ng	99
74) Di-n-butylphthalate	11.933	149	836790	48.798	ng	99
75) Fluoranthene	12.586	202	735602	43.228	ng	98
77) Benzidine	12.704	184	103856	27.982	ng	97
78) Pyrene	12.816	202	731075	48.955	ng	100
80) Butylbenzylphthalate	13.427	149	244304	54.382	ng	97
81) Benzo(a)anthracene	13.998	228	463979	47.003	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	84937	33.393	ng	98
83) Chrysene	14.039	228	436616	46.756	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	284541	59.389	ng	98
85) Di-n-octyl phthalate	14.592	149	467592	61.778	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	557694	48.768	ng	99
88) Benzo(b)fluoranthene	15.045	252	480748	50.141	ng	99
89) Benzo(k)fluoranthene	15.074	252	367603	39.311	ng	99
90) Benzo(a)pyrene	15.410	252	411643	48.873	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	447707	47.860	ng	99
92) Benzo(g,h,i)perylene	17.386	276	433998	43.752	ng	97

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



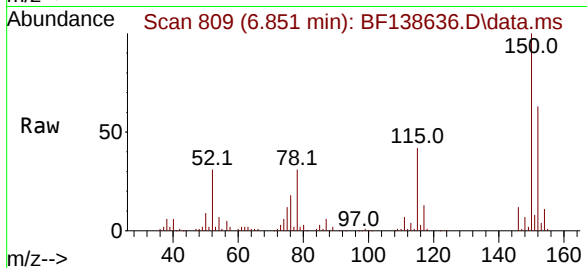
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF138636.D
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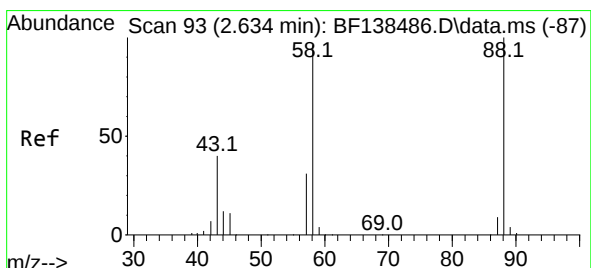
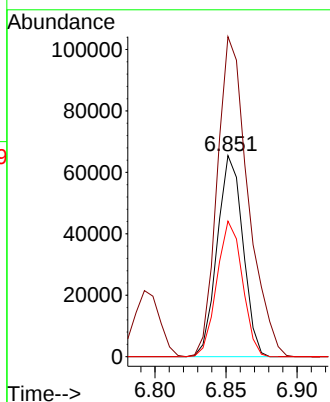
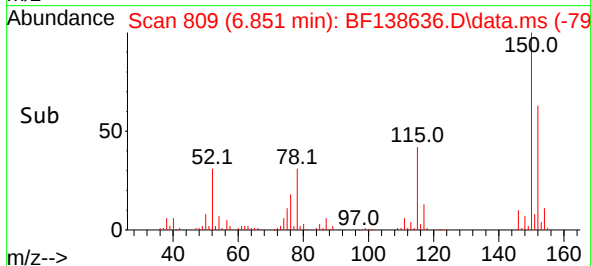
Tgt Ion:152 Resp: 82449
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.4
115 67.4 50.3 75.5

Manual Integrations

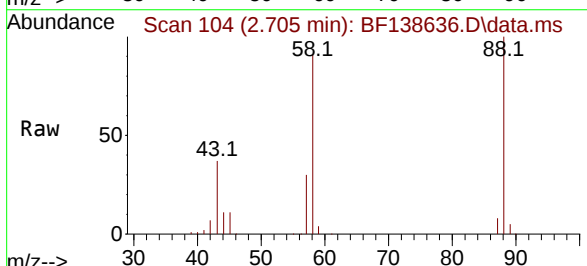
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Reviewed By :Yogesh Patel 07/25/2024

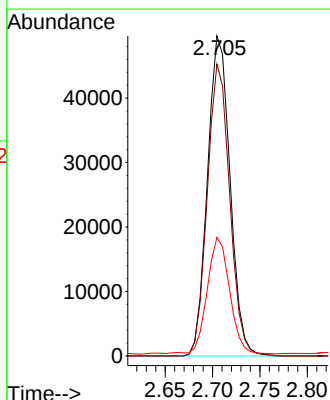
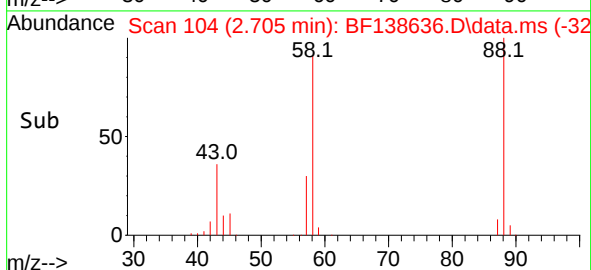
Supervised By :mohammad ahmed 07/25/2024

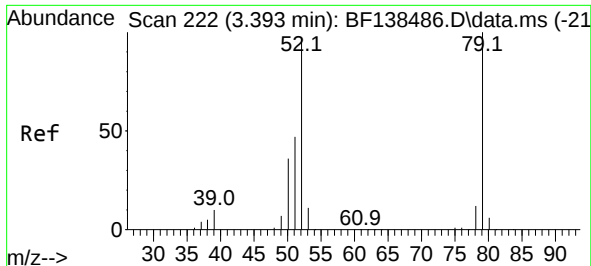


#2
1,4-Dioxane
Concen: 35.665 ng
RT: 2.705 min Scan# 104
Delta R.T. 0.071 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion: 88 Resp: 82227
Ion Ratio Lower Upper
88 100
58 90.6 74.6 112.0
43 36.0 31.8 47.6





#3

Pyridine

Concen: 38.242 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.065 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

Tgt Ion: 79 Resp: 21743

Ion Ratio Lower Upper

79 100

52 91.3 77.4 116.2

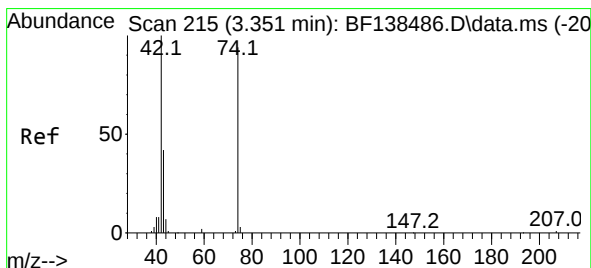
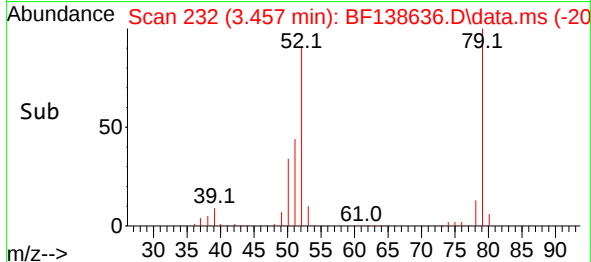
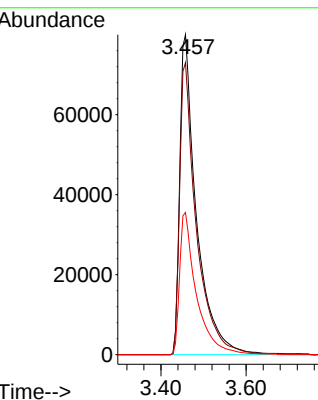
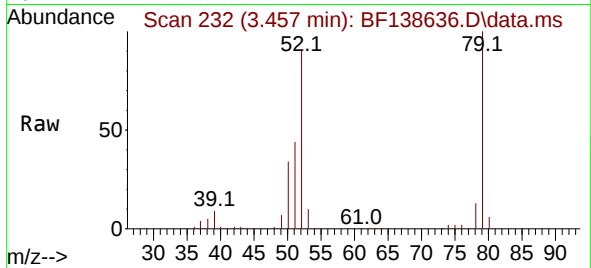
51 44.5 37.4 56.0

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.538 ng

RT: 3.416 min Scan# 225

Delta R.T. 0.065 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

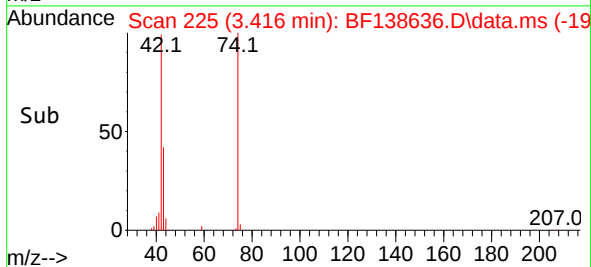
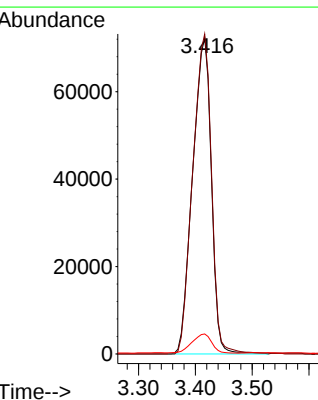
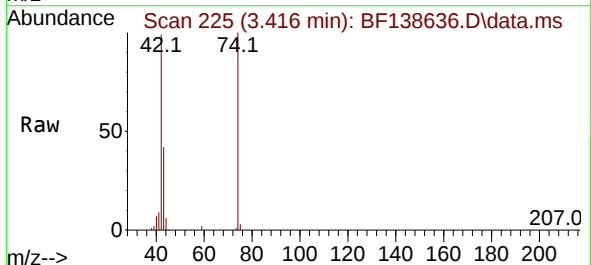
Tgt Ion: 42 Resp: 164844

Ion Ratio Lower Upper

42 100

74 101.1 75.0 112.6

44 6.3 5.4 8.2





#5
2-Fluorophenol
Concen: 125.335 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

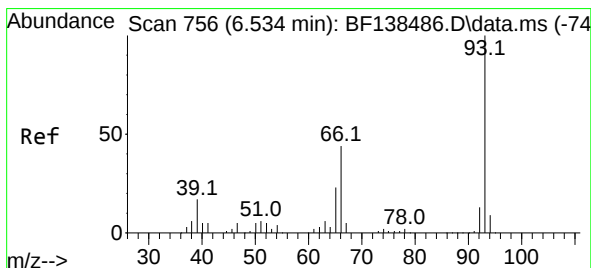
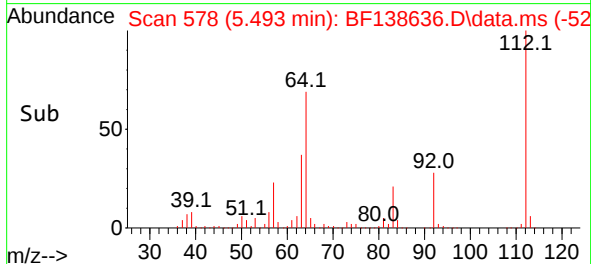
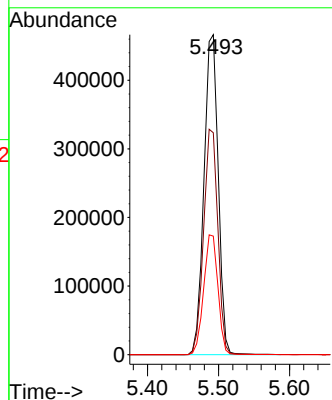
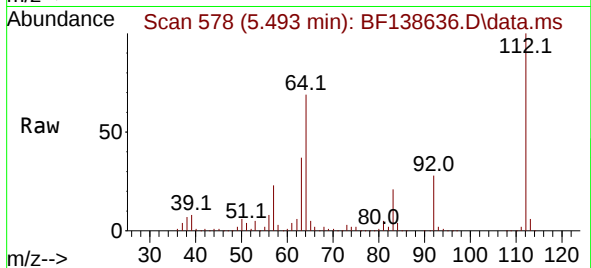
PB162224BS

Tgt Ion:112 Resp: 652454
Ion Ratio Lower Upper
112 100
64 69.3 55.1 82.7
63 37.0 29.0 43.6

Manual Integrations

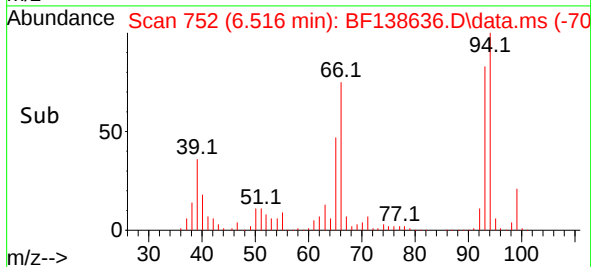
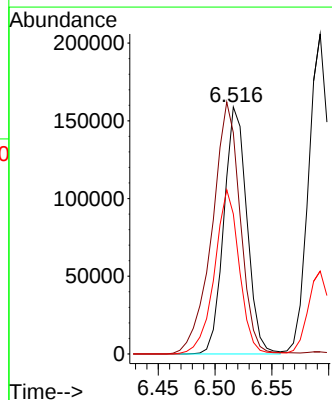
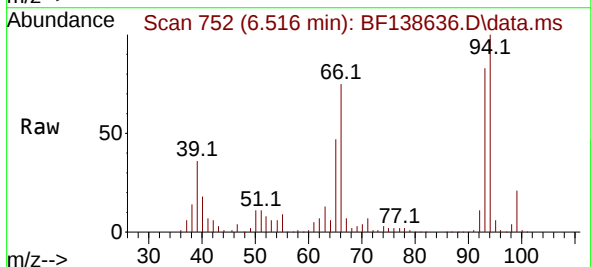
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#6
Aniline
Concen: 34.489 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

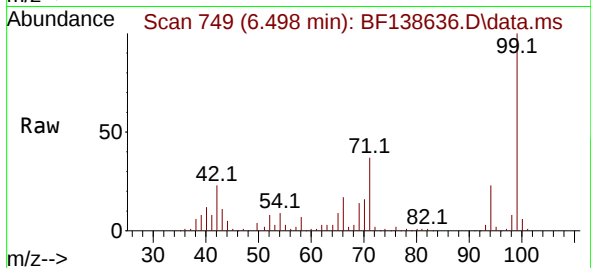
Tgt Ion: 93 Resp: 223704
Ion Ratio Lower Upper
93 100
66 89.6 35.4 53.0#
65 56.7 18.6 27.8#





#7
Phenol-d6
Concen: 126.328 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

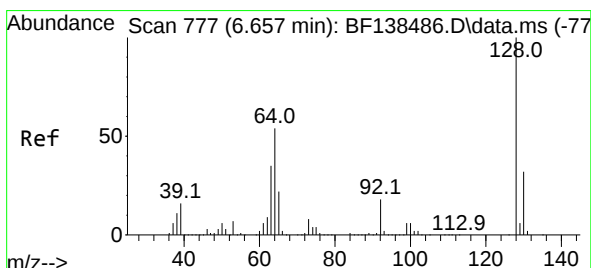
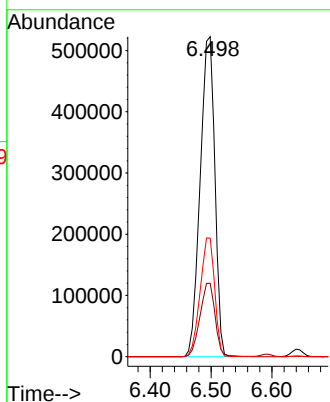
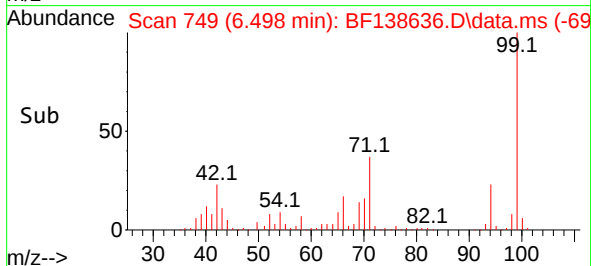
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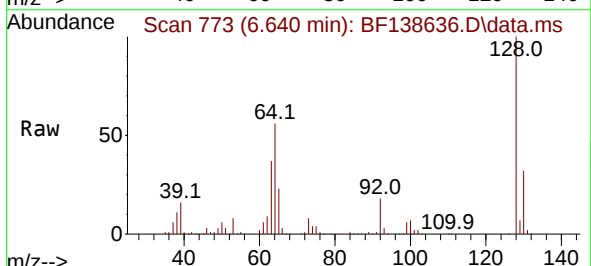
Tgt Ion: 99 Resp: 874832
Ion Ratio Lower Upper
99 100
42 23.0 19.7 29.5
71 37.1 29.9 44.9

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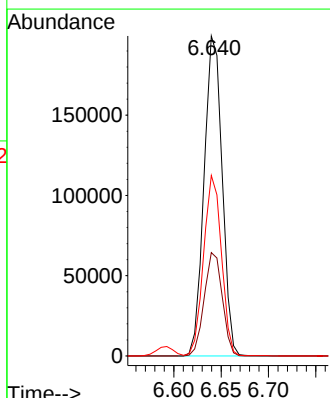
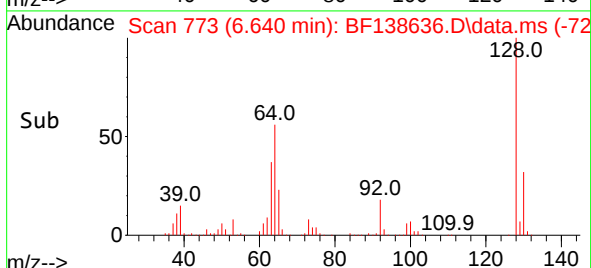
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#8
2-Chlorophenol
Concen: 47.976 ng
RT: 6.640 min Scan# 773
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:128 Resp: 264079
Ion Ratio Lower Upper
128 100
130 32.3 12.1 52.1
64 56.4 34.4 74.4





#9

Benzaldehyde

Concen: 5.858 ng

RT: 6.404 min Scan# 711

Delta R.T. -0.018 min

Lab File: BF138636.D

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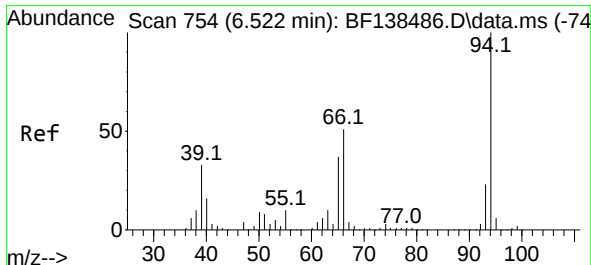
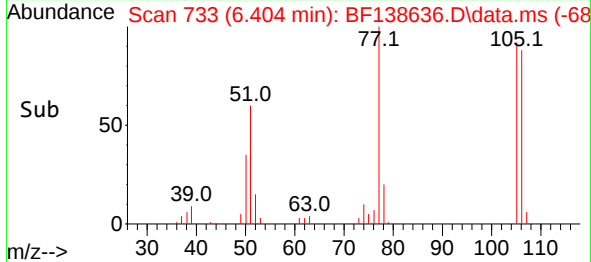
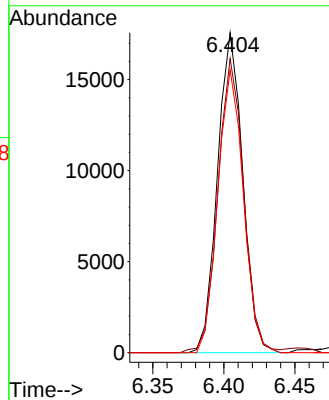
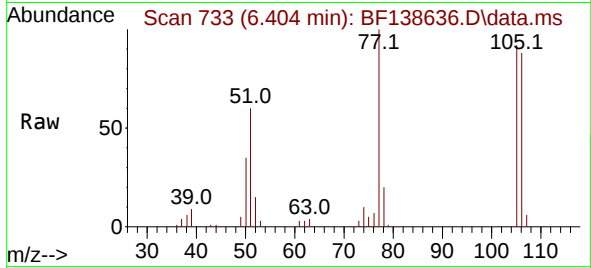
Tgt Ion: 77	Resp: 2171
Ion Ratio	Lower Upper
77 100	
105 91.9	75.1 115.1
106 88.3	73.2 113.2

Manual Integrations

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#10

Phenol

Concen: 46.461 ng

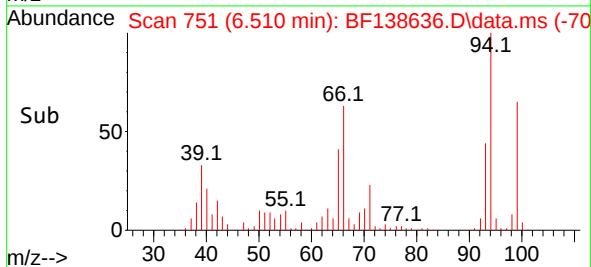
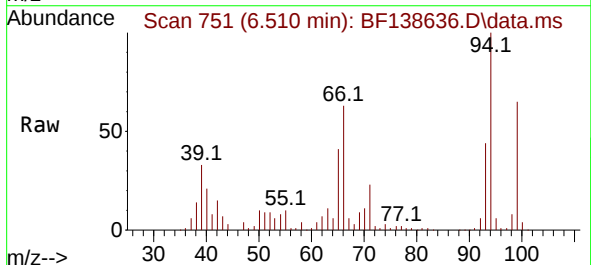
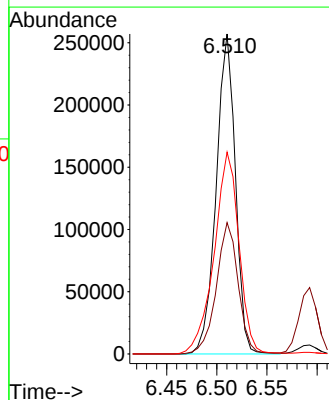
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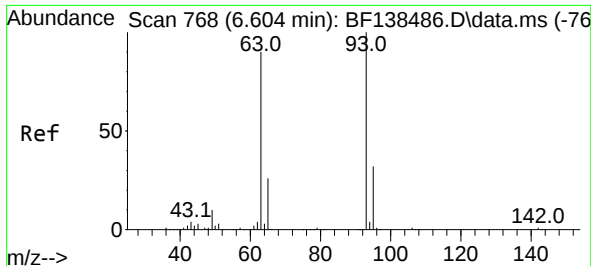
Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Tgt Ion: 94	Resp: 341512
Ion Ratio	Lower Upper
94 100	
65 41.1	16.7 56.7
66 63.1	31.2 71.2





#11

bis(2-Chloroethyl)ether

Concen: 47.342 ng

RT: 6.593 min Scan# 709

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

Tgt Ion: 93 Resp: 26200

Ion Ratio Lower Upper

93 100

63 85.1 68.8 108.8

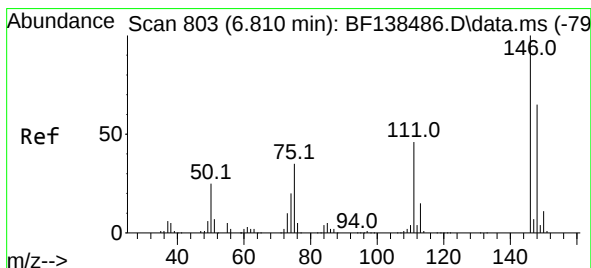
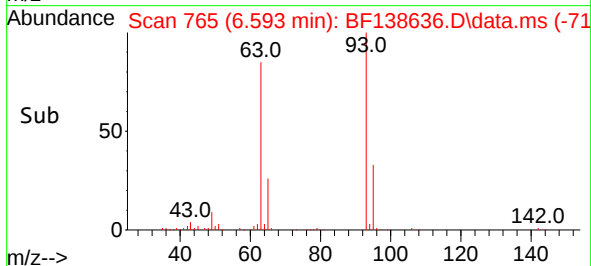
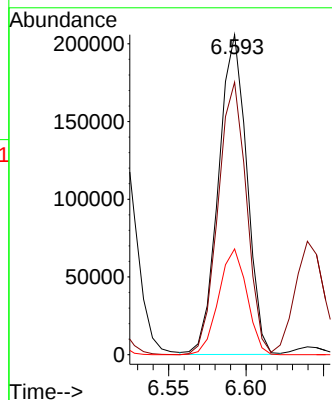
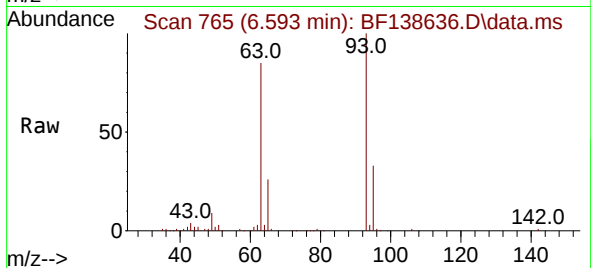
95 33.0 11.8 51.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#12

1,3-Dichlorobenzene

Concen: 43.664 ng

RT: 6.793 min Scan# 799

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

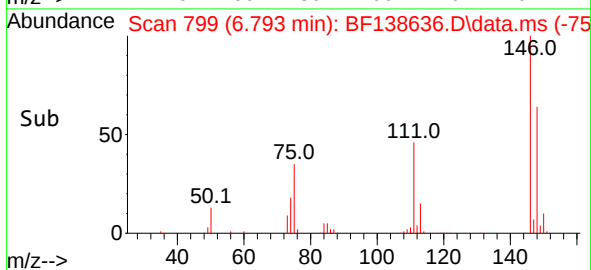
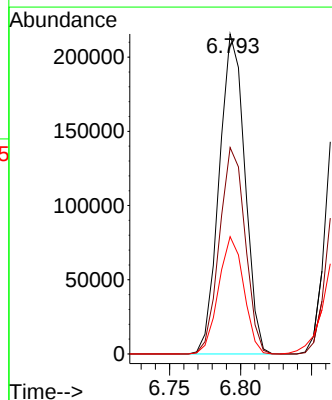
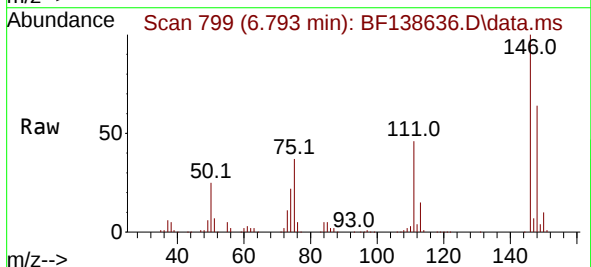
Tgt Ion:146 Resp: 270158

Ion Ratio Lower Upper

146 100

148 64.5 52.4 78.6

75 36.7 27.8 41.8





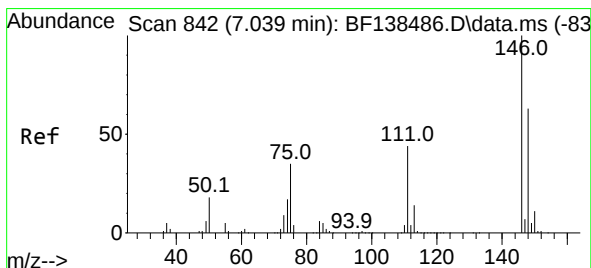
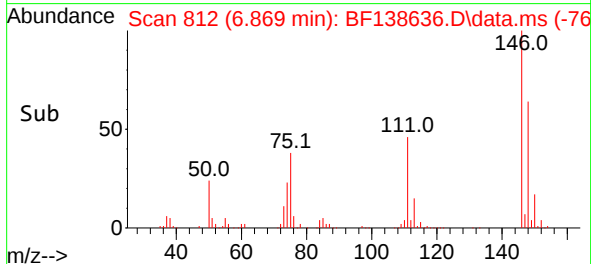
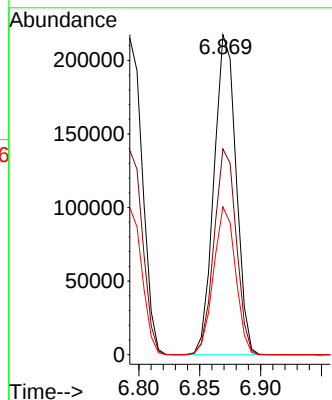
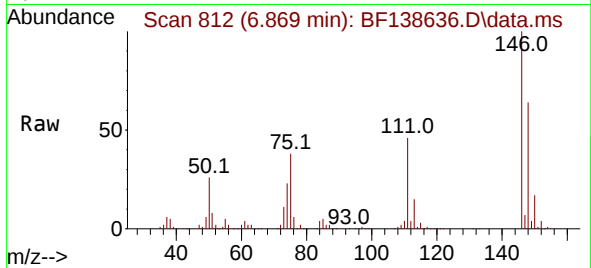
#13
1,4-Dichlorobenzene
Concen: 43.657 ng
RT: 6.869 min Scan# 816
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162224BS

Tgt Ion:146 Resp: 27429
Ion Ratio Lower Upper
146 100
148 64.3 51.6 77.4
111 46.2 34.9 52.3

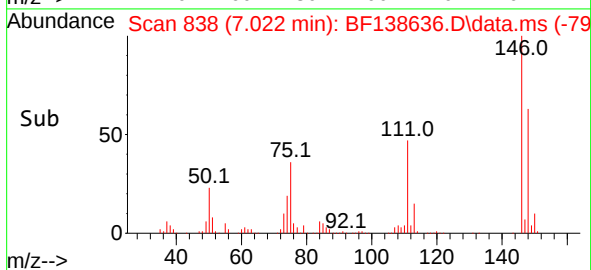
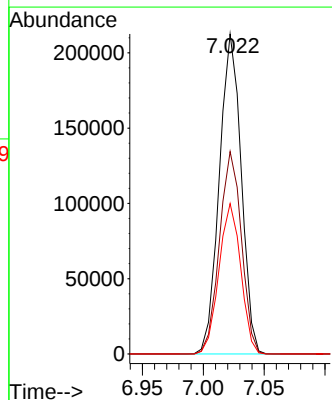
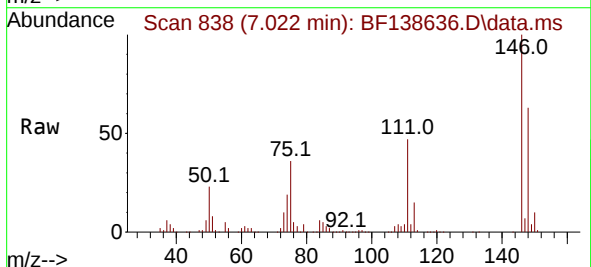
Manual Integrations
APPROVED

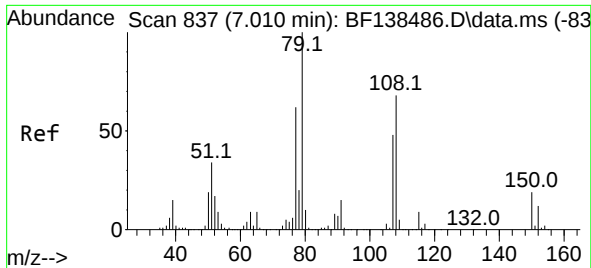
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#14
1,2-Dichlorobenzene
Concen: 45.391 ng
RT: 7.022 min Scan# 838
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:146 Resp: 265621
Ion Ratio Lower Upper
146 100
148 63.3 50.1 75.1
111 47.0 35.5 53.3





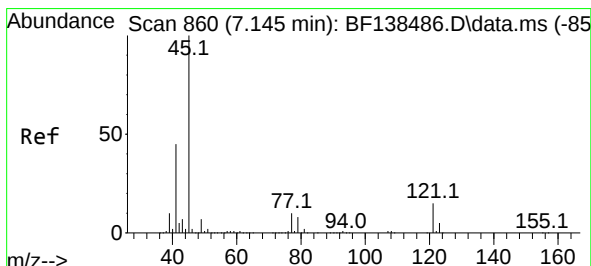
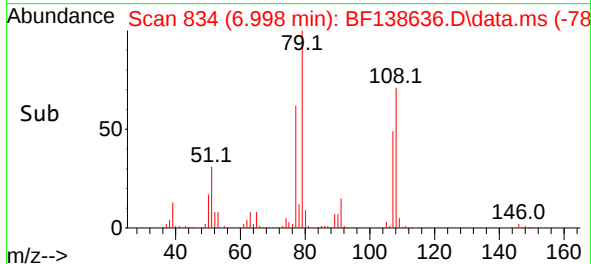
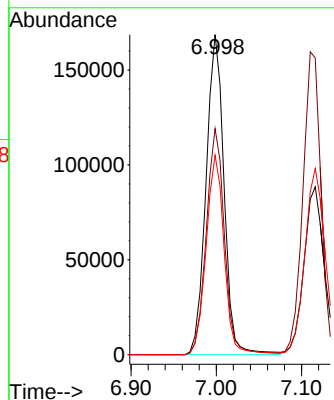
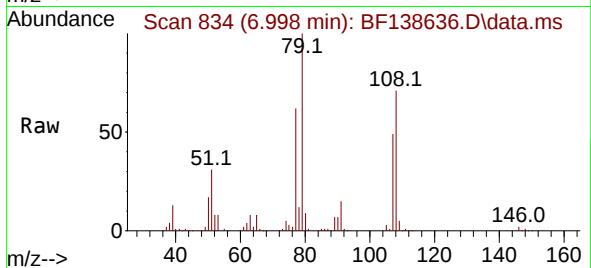
#15
Benzyl Alcohol
Concen: 47.626 ng
RT: 6.998 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162224BS

Tgt Ion: 79 Resp: 247514
Ion Ratio Lower Upper
79 100
108 70.6 54.3 81.5
77 62.3 50.0 75.0

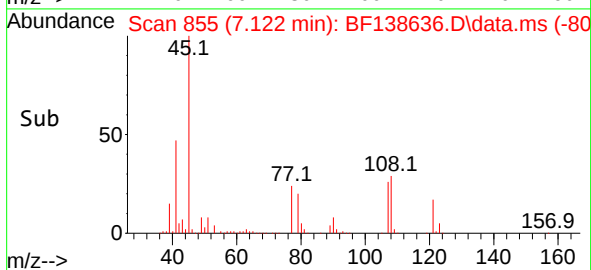
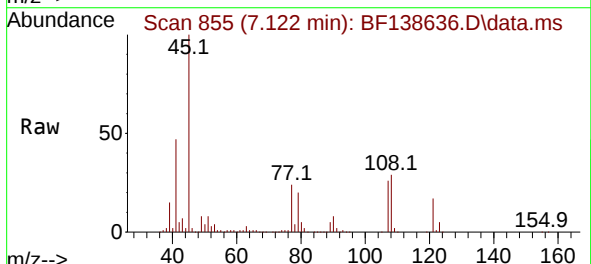
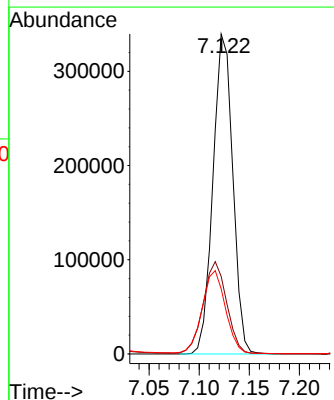
Manual Integrations
APPROVED

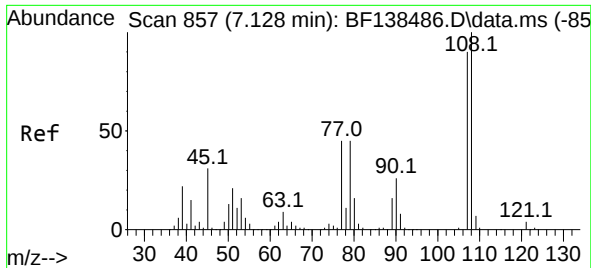
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.873 ng
RT: 7.122 min Scan# 855
Delta R.T. -0.023 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion: 45 Resp: 466603
Ion Ratio Lower Upper
45 100
77 24.3 0.0 30.4
79 20.4 0.0 28.1





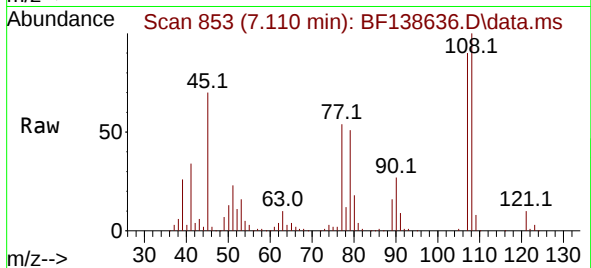
#17
2-Methylphenol
Concen: 46.902 ng
RT: 7.110 min Scan# 811
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



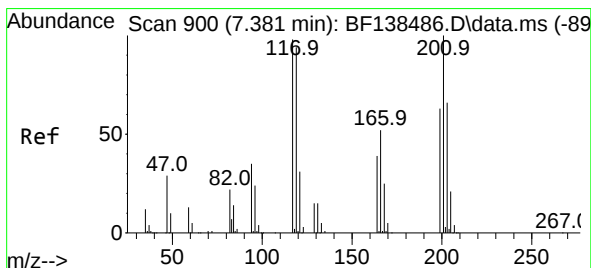
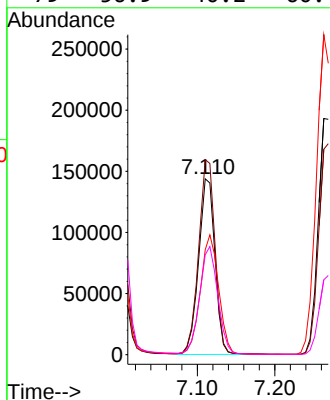
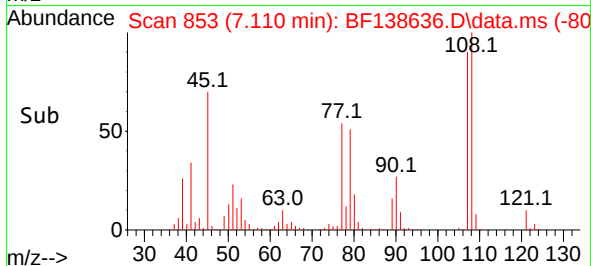
Tgt Ion:107 Resp: 21158
Ion Ratio Lower Upper
107 100
108 110.9 89.0 133.4
77 59.7 40.3 60.5
79 56.9 40.2 60.4

Manual Integrations

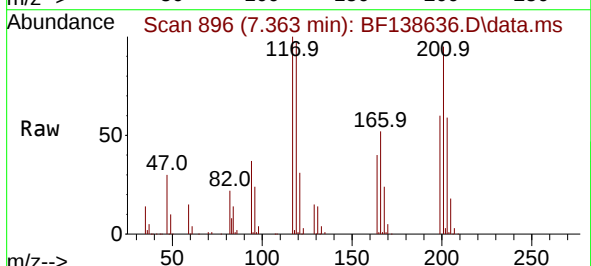
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

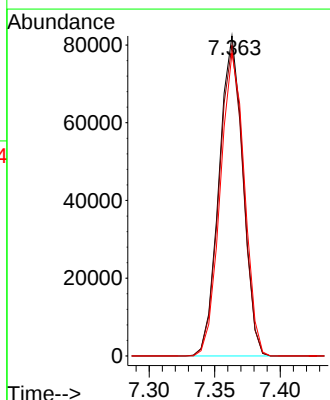
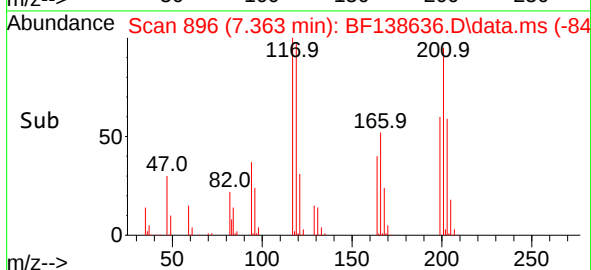
Supervised By :mohammad ahmed 07/25/2024



#18
Hexachloroethane
Concen: 45.267 ng
RT: 7.363 min Scan# 896
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:117 Resp: 104557
Ion Ratio Lower Upper
117 100
119 97.0 76.6 114.8
201 94.6 81.4 122.0





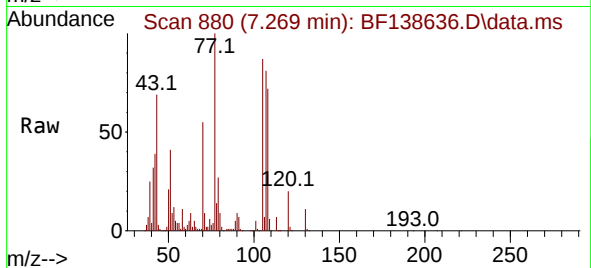
#19
n-Nitroso-di-n-propylamine
Concen: 47.604 ng
RT: 7.269 min Scan# 811
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



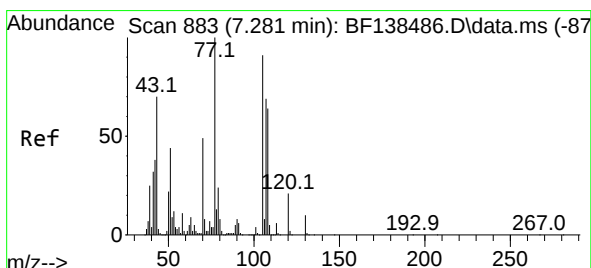
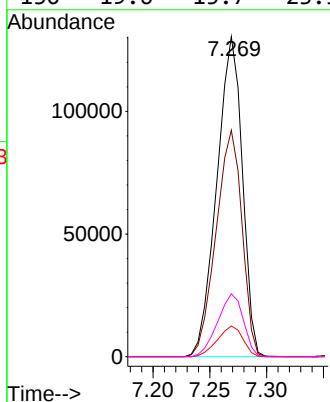
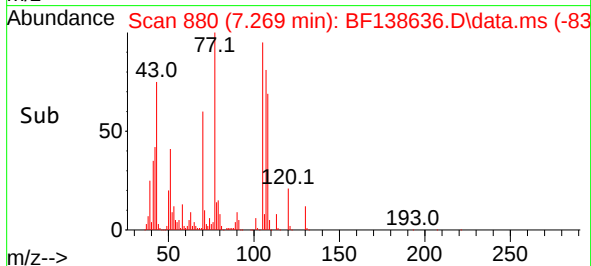
Tgt Ion: 70 Resp: 203698
Ion Ratio Lower Upper
70 100
42 70.8 62.4 93.6
101 9.6 7.2 10.8
130 19.6 15.7 23.5

Manual Integrations

APPROVED

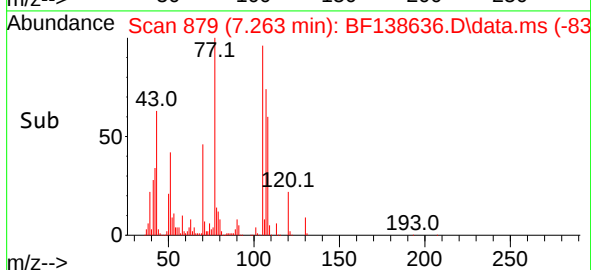
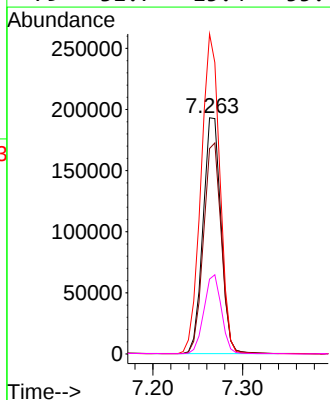
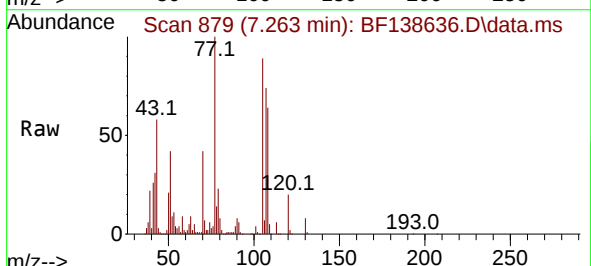
Reviewed By :Yogesh Patel 07/25/2024

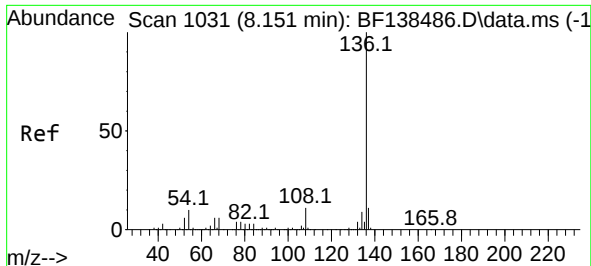
Supervised By :mohammad ahmed 07/25/2024



#20
3+4-Methylphenols
Concen: 47.172 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:107 Resp: 267974
Ion Ratio Lower Upper
107 100
108 87.0 73.7 113.7
77 135.5 126.0 166.0
79 31.7 15.4 55.4





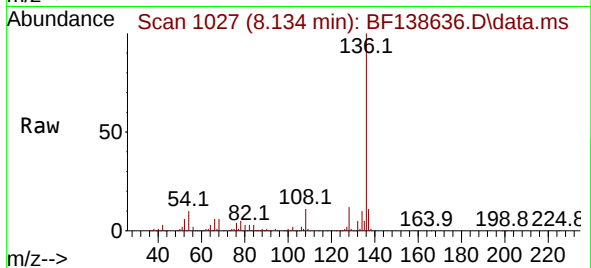
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



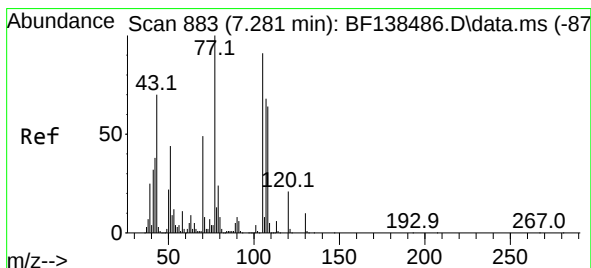
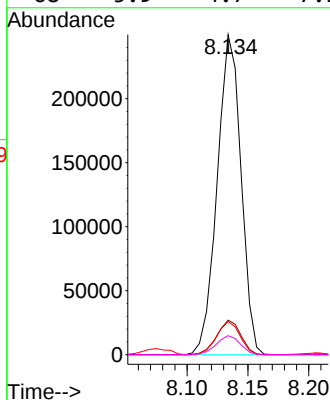
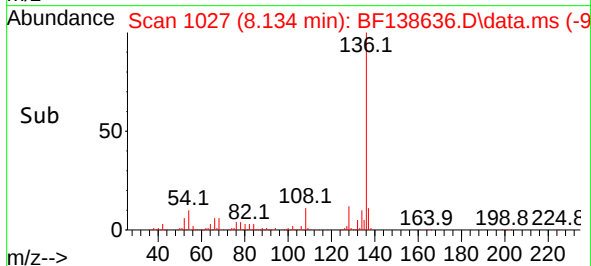
Tgt Ion:136 Resp: 340649
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.4 8.1 12.1
68 5.9 4.7 7.1

Manual Integrations

APPROVED

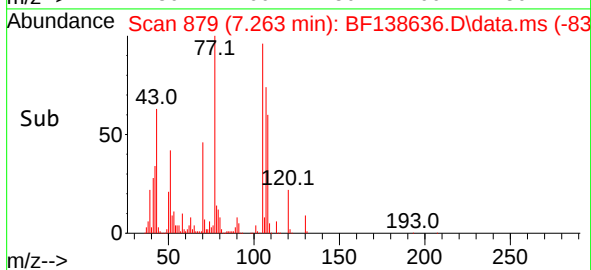
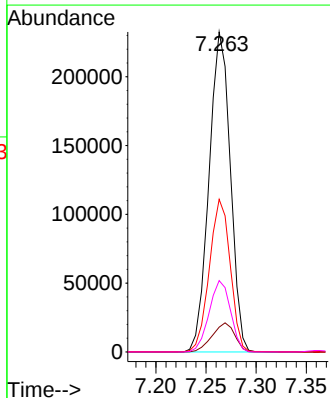
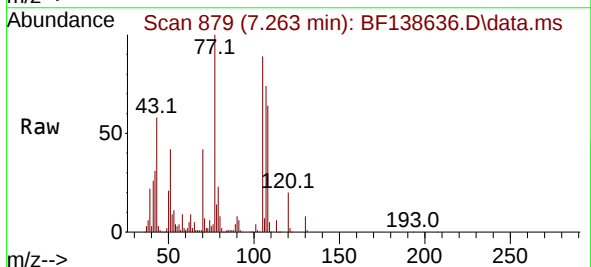
Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#22
Acetophenone
Concen: 41.606 ng
RT: 7.263 min Scan# 879
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:105 Resp: 344220
Ion Ratio Lower Upper
105 100
71 7.8 7.4 11.2
51 47.7 38.7 58.1
120 22.3 18.2 27.2





#23

Nitrobenzene-d5

Concen: 83.019 ng

RT: 7.422 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

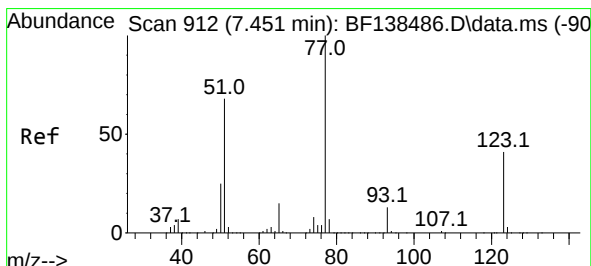
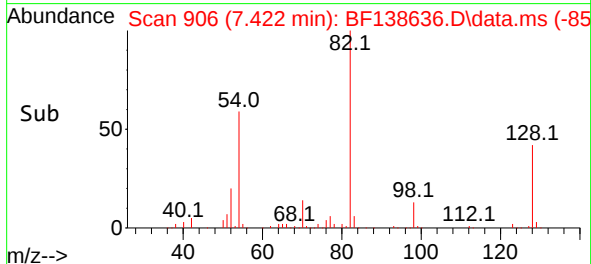
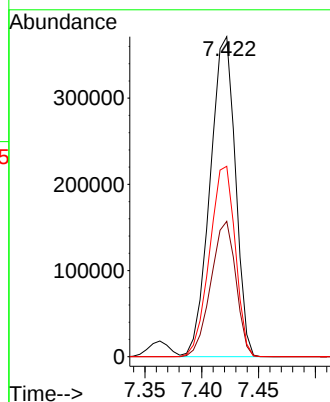
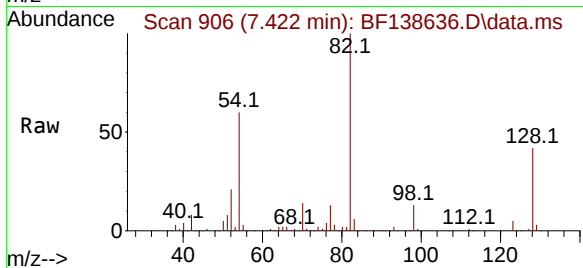
PB162224BS

Tgt Ion: 82 Resp: 575998
 Ion Ratio Lower Upper
 82 100
 128 42.3 32.3 48.5
 54 59.5 51.4 77.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#24

Nitrobenzene

Concen: 43.520 ng

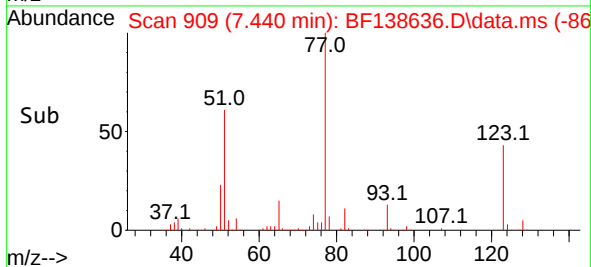
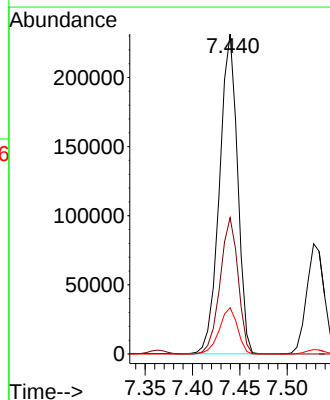
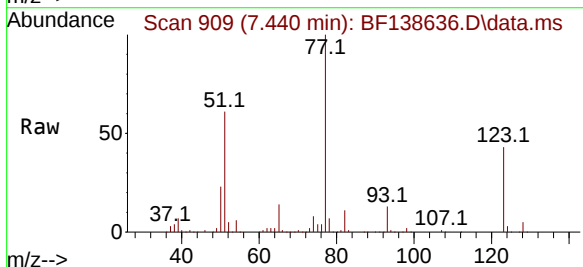
RT: 7.440 min Scan# 909

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

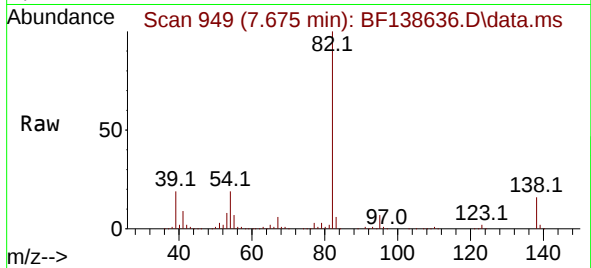
Tgt Ion: 77 Resp: 306843
 Ion Ratio Lower Upper
 77 100
 123 42.6 32.4 48.6
 65 14.4 11.8 17.8





#25
Isophorone
Concen: 46.239 ng
RT: 7.675 min Scan# 949
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

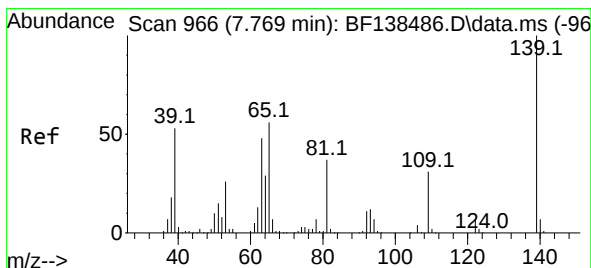
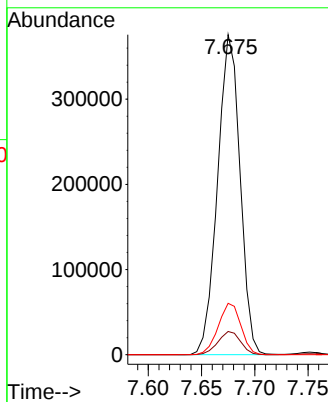
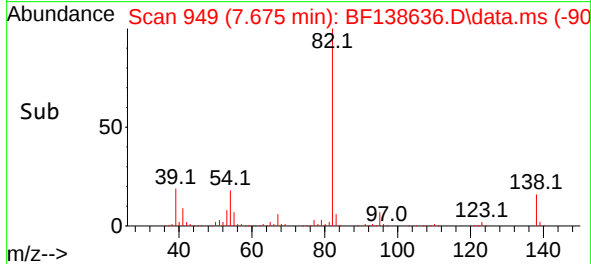
Instrument :
BNA_F
ClientSampleId :
PB162224BS



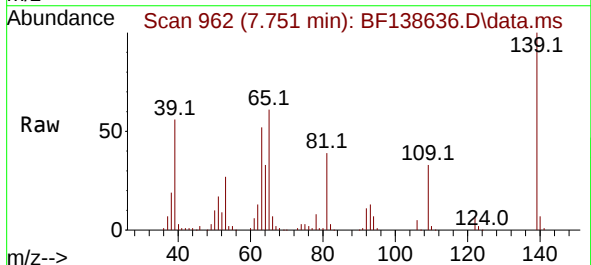
Tgt Ion: 82 Resp: 550920
Ion Ratio Lower Upper
82 100
95 7.2 6.0 9.0
138 16.1 12.8 19.2

Manual Integrations
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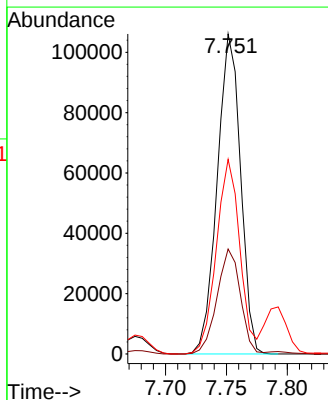
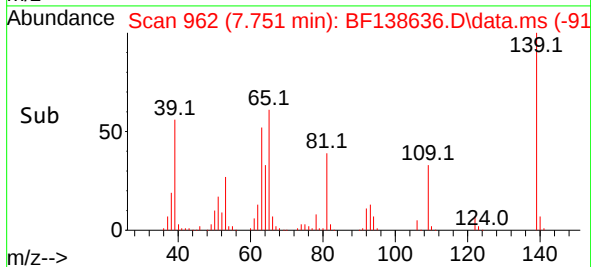
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

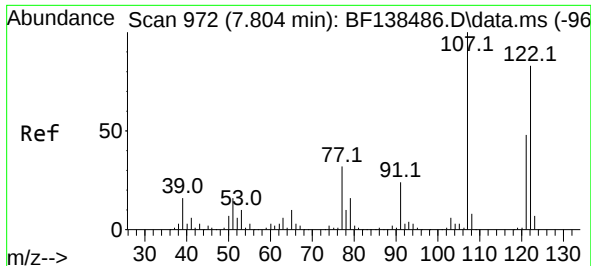


#26
2-Nitrophenol
Concen: 46.833 ng
RT: 7.751 min Scan# 962
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:139 Resp: 141525
Ion Ratio Lower Upper
139 100
109 32.8 24.8 37.2
65 60.8 45.1 67.7





#27

2,4-Dimethylphenol

Concen: 48.539 ng m

RT: 7.792 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

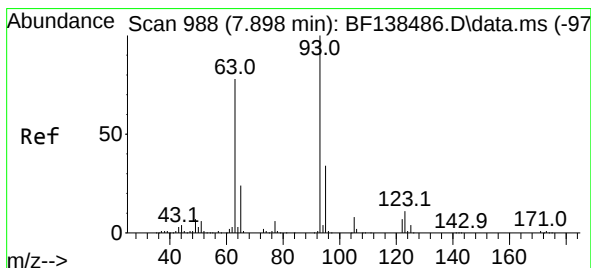
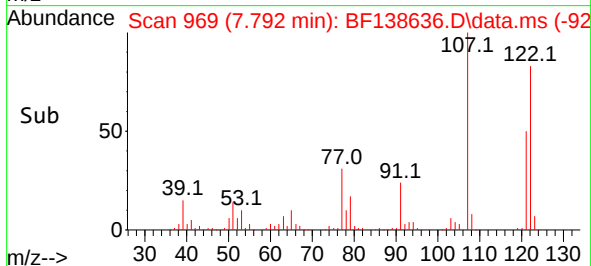
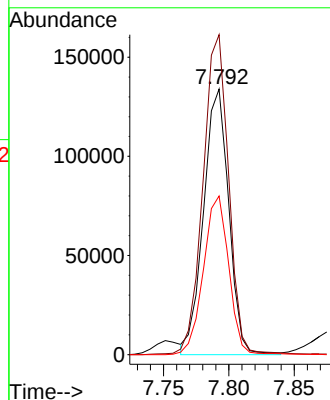
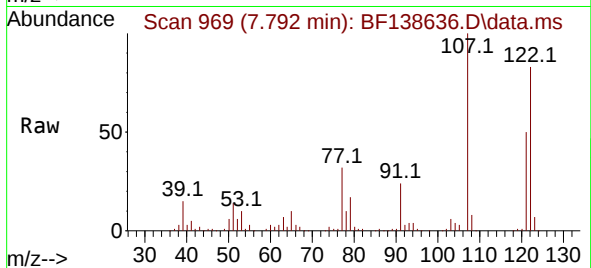
Tgt Ion:122 Resp: 180279
 Ion Ratio Lower Upper
 122 100
 107 120.5 96.3 144.5
 121 59.7 46.7 70.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#28

bis(2-Chloroethoxy)methane

Concen: 45.551 ng

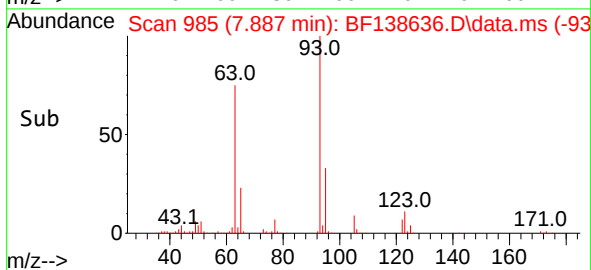
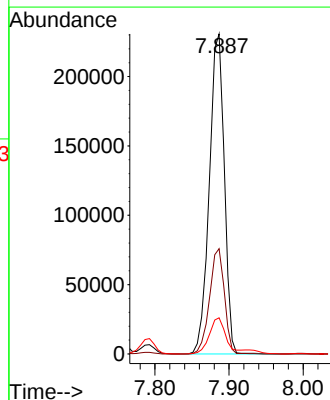
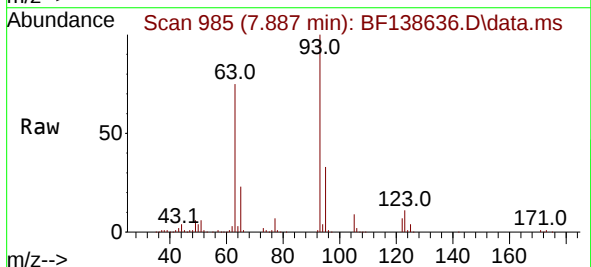
RT: 7.887 min Scan# 985

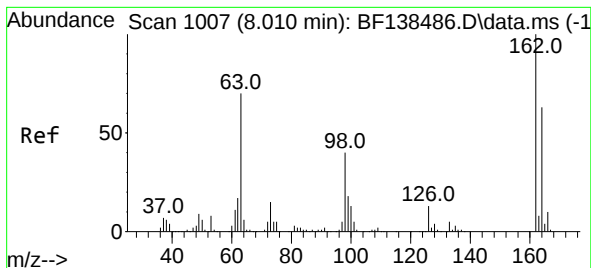
Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Tgt Ion: 93 Resp: 324358
 Ion Ratio Lower Upper
 93 100
 95 32.9 27.0 40.6
 123 11.3 9.1 13.7





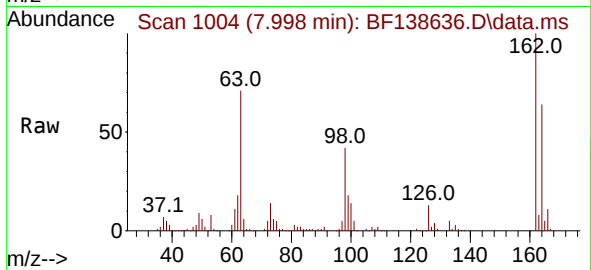
#29
2,4-Dichlorophenol
Concen: 44.059 ng
RT: 7.998 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



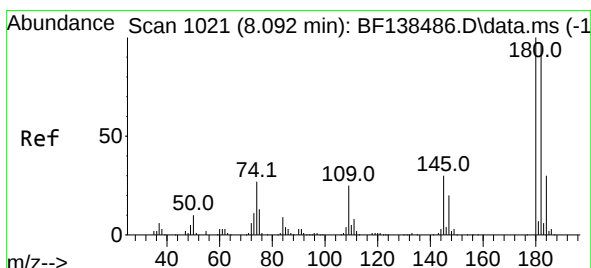
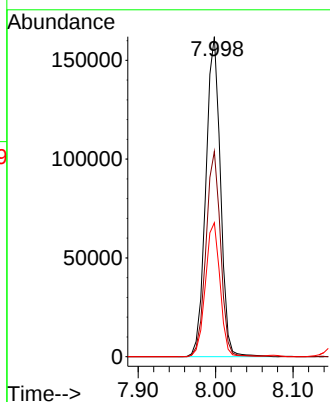
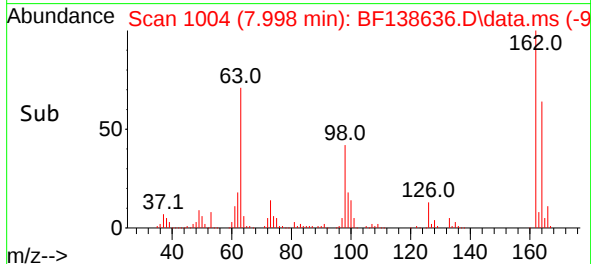
Tgt Ion:162 Resp: 212500
Ion Ratio Lower Upper
162 100
164 64.1 42.6 82.6
98 41.9 20.1 60.1

Manual Integrations

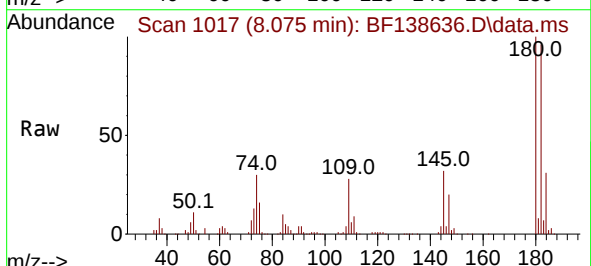
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

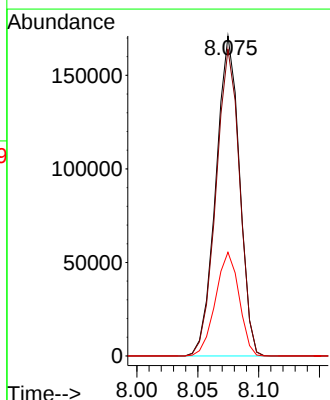
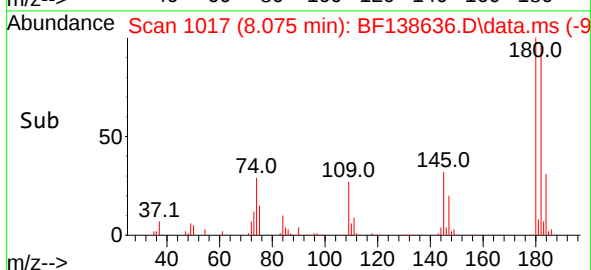
Supervised By :mohammad ahmed 07/25/2024

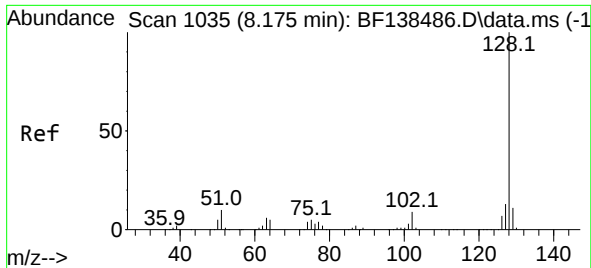


#30
1,2,4-Trichlorobenzene
Concen: 41.064 ng
RT: 8.075 min Scan# 1017
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:180 Resp: 230720
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 32.4 23.9 35.9





#31
Naphthalene
Concen: 43.641 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

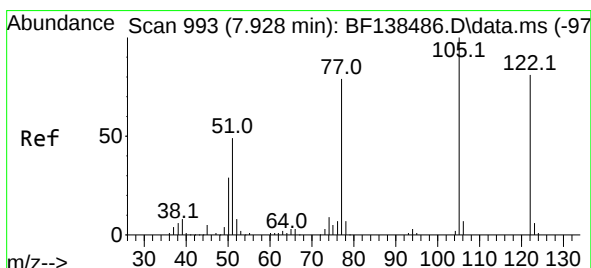
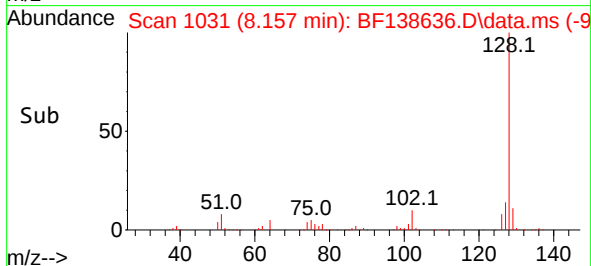
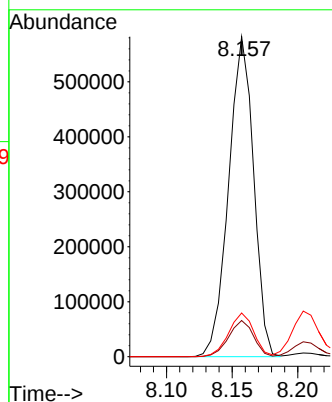
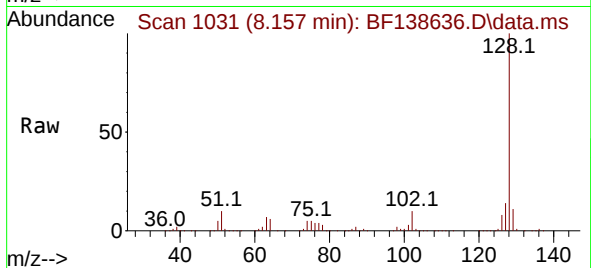
PB162224BS

Tgt Ion:128 Resp: 77316
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.7 10.7 16.1

Manual Integrations

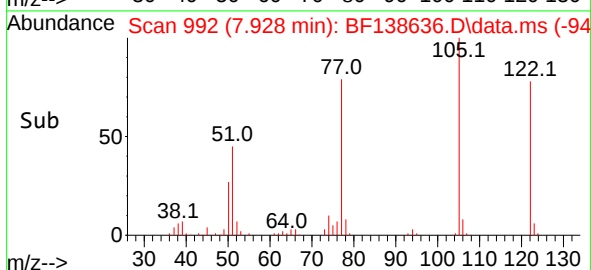
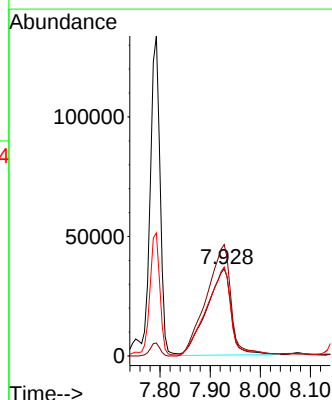
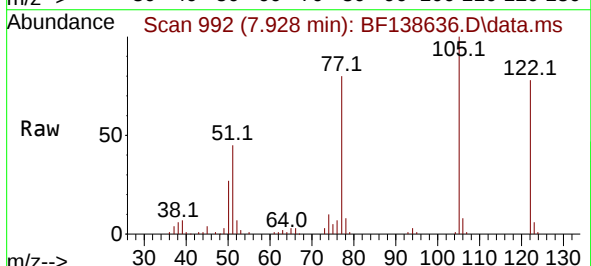
APPROVED

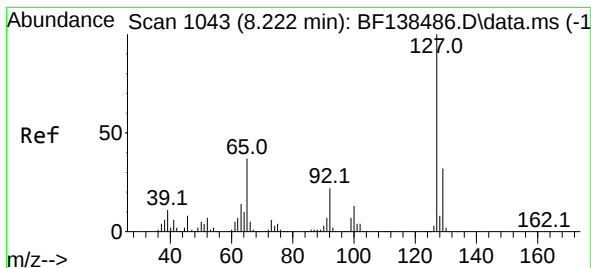
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#32
Benzoic acid
Concen: 34.782 ng
RT: 7.928 min Scan# 992
Delta R.T. 0.000 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:122 Resp: 123211
Ion Ratio Lower Upper
122 100
105 127.5 101.5 141.5
77 101.9 77.3 117.3





#33

4-Chloroaniline

Concen: 21.590 ng

RT: 8.204 min Scan# 1039

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

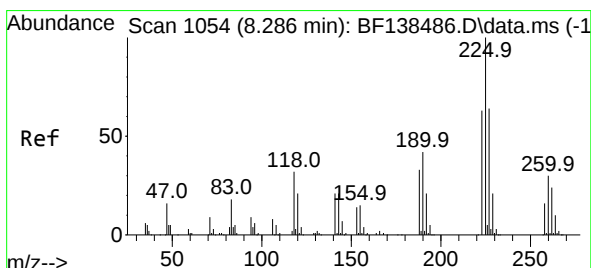
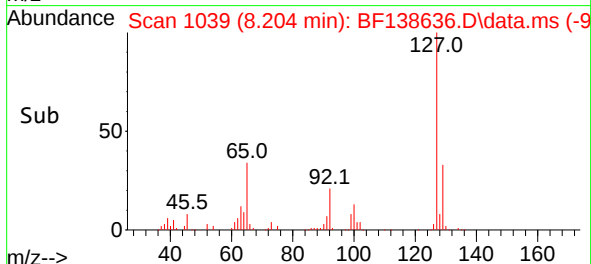
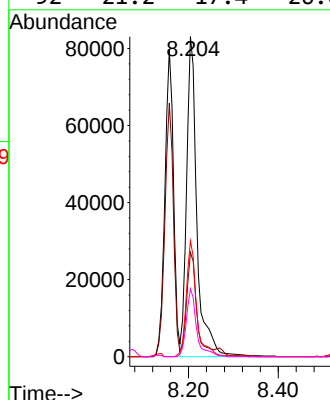
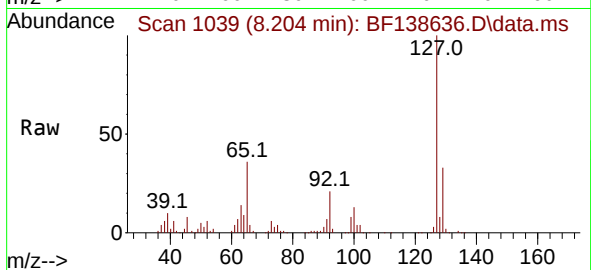
Tgt Ion:	127	Resp:	13420
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.6	38.4
65	36.2	29.6	44.4
92	21.2	17.4	26.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#34

Hexachlorobutadiene

Concen: 39.645 ng

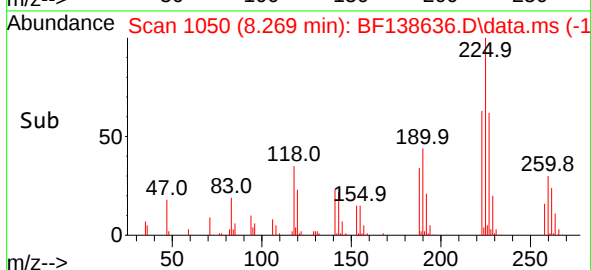
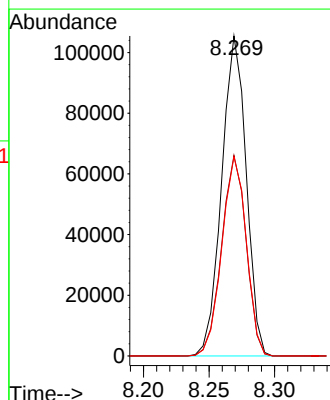
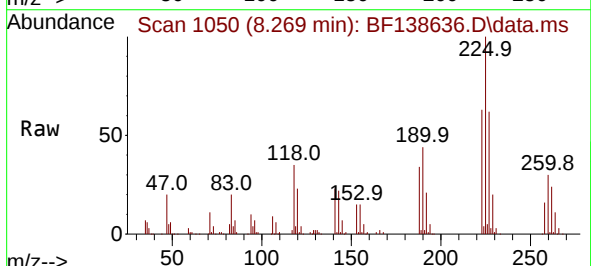
RT: 8.269 min Scan# 1050

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

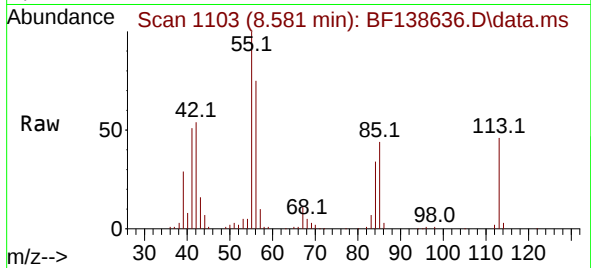
Tgt Ion:	225	Resp:	137167
Ion Ratio	Lower	Upper	
225	100		
223	62.6	50.0	75.0
227	62.3	51.0	76.6





#35
Caprolactam
Concen: 42.866 ng m
RT: 8.581 min Scan# 1107
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

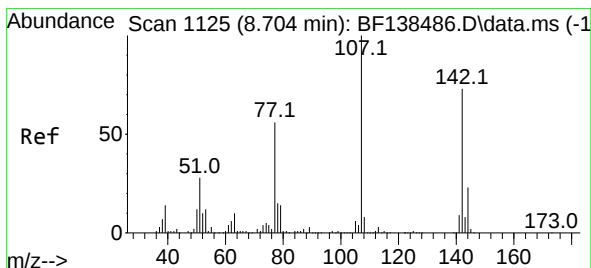
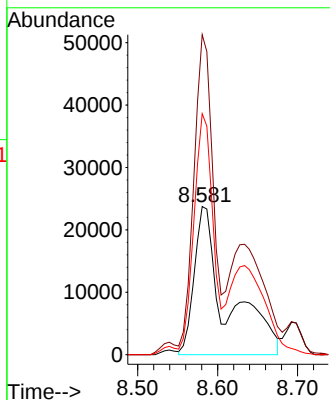
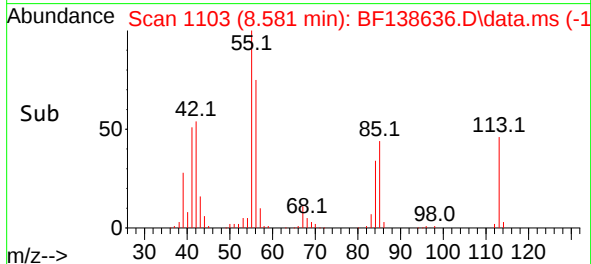
Instrument :
BNA_F
ClientSampleId :
PB162224BS



Tgt Ion:113 Resp: 66715
Ion Ratio Lower Upper
113 100
55 215.9 192.5 232.5
56 162.6 145.3 185.3

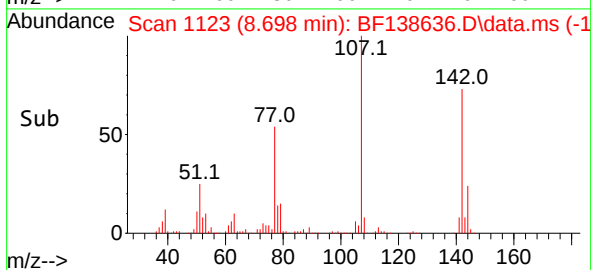
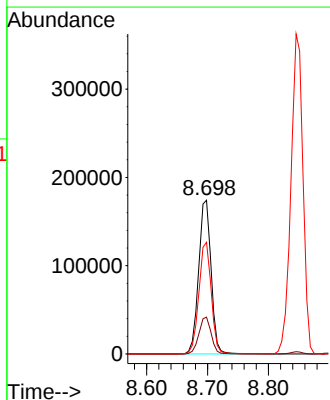
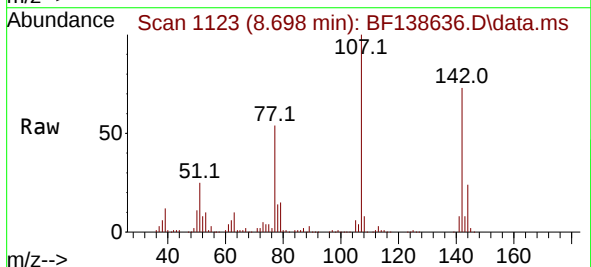
Manual Integrations
APPROVED

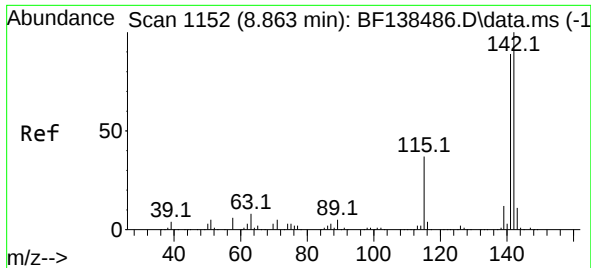
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#36
4-Chloro-3-methylphenol
Concen: 46.038 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:107 Resp: 248586
Ion Ratio Lower Upper
107 100
144 23.9 18.6 27.8
142 72.6 58.6 88.0





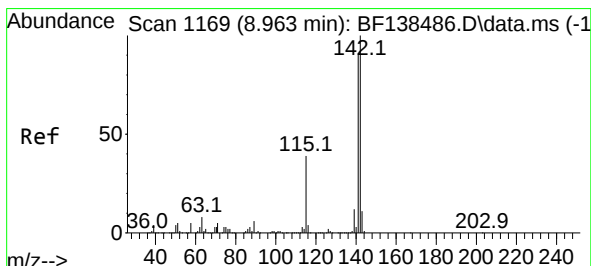
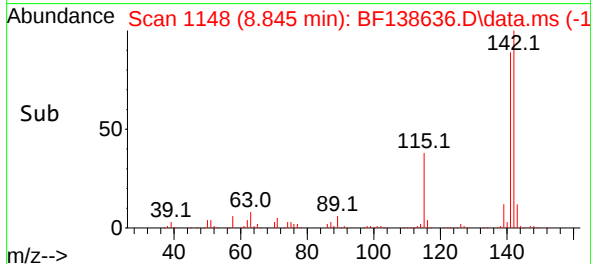
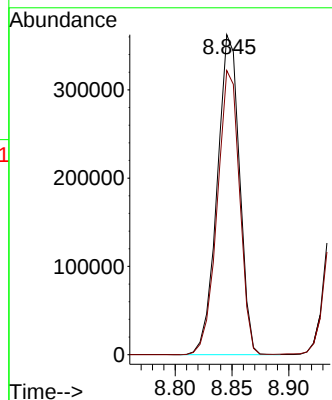
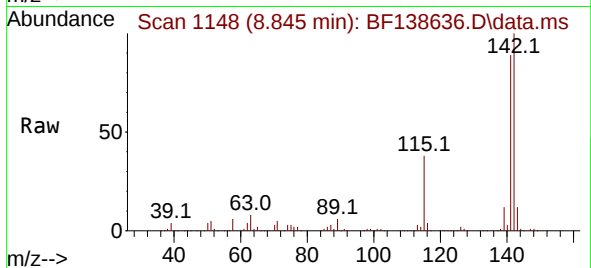
#37
2-Methylnaphthalene
Concen: 43.557 ng
RT: 8.845 min Scan# 1148
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162224BS

Tgt Ion:142 Resp: 496594
Ion Ratio Lower Upper
142 100
141 88.8 71.4 107.0

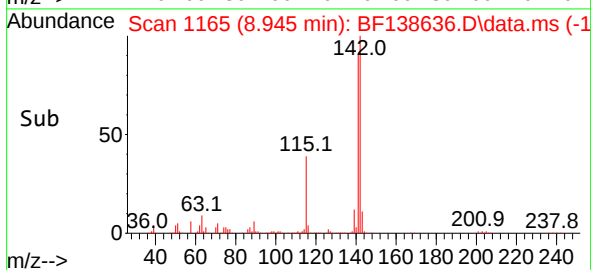
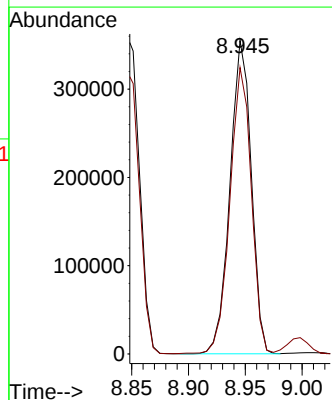
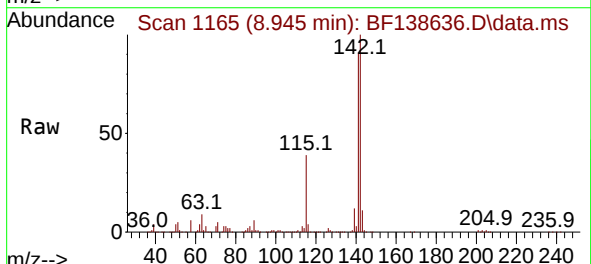
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#38
1-Methylnaphthalene
Concen: 41.641 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:142 Resp: 463328
Ion Ratio Lower Upper
142 100
141 91.4 72.6 108.8





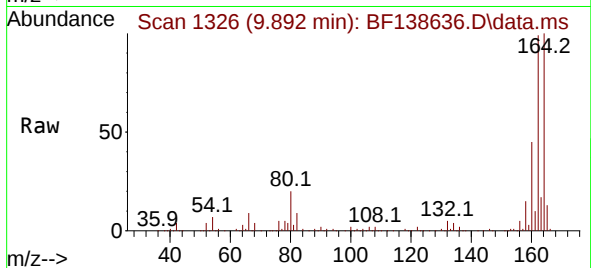
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



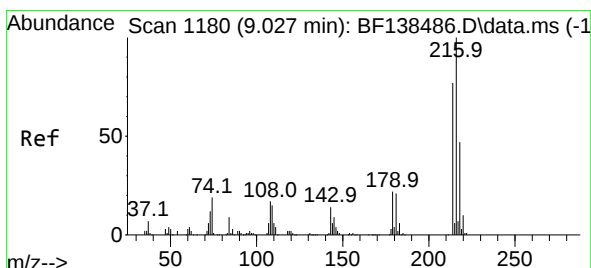
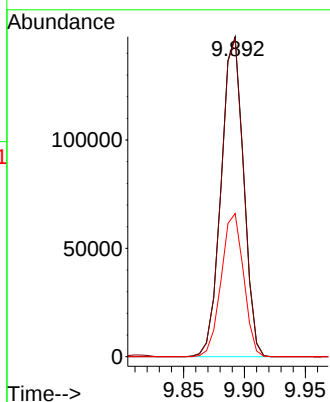
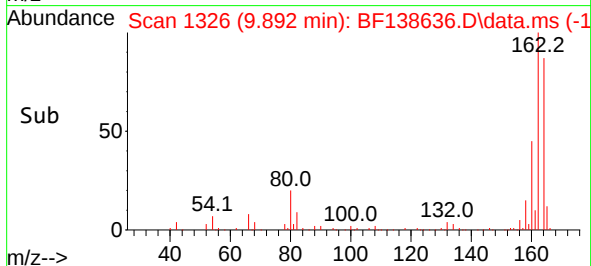
Tgt Ion:164 Resp: 18927
Ion Ratio Lower Upper
164 100
162 99.4 79.0 118.6
160 44.7 34.4 51.6

Manual Integrations

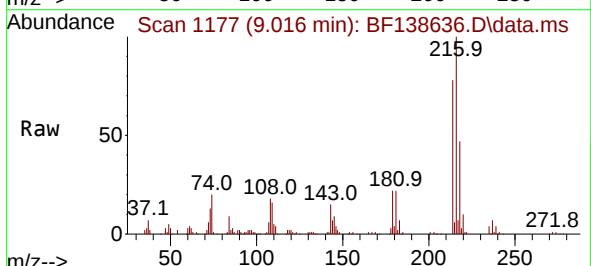
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

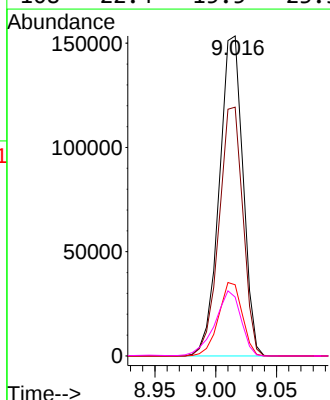
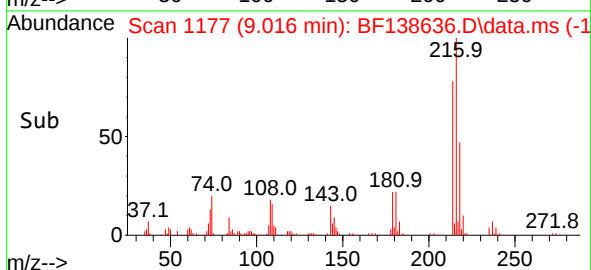
Supervised By :mohammad ahmed 07/25/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.411 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:216 Resp: 207896
Ion Ratio Lower Upper
216 100
214 78.3 62.8 94.2
179 22.9 17.7 26.5
108 22.4 15.5 23.3





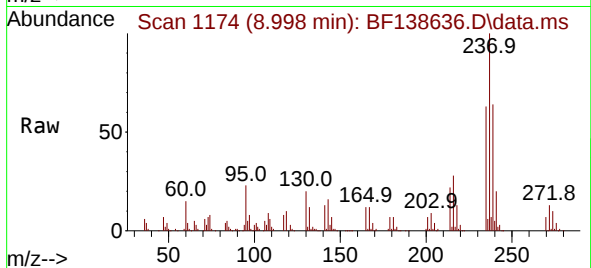
#41
Hexachlorocyclopentadiene
Concen: 112.148 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

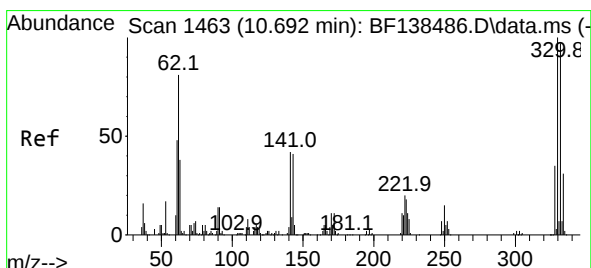
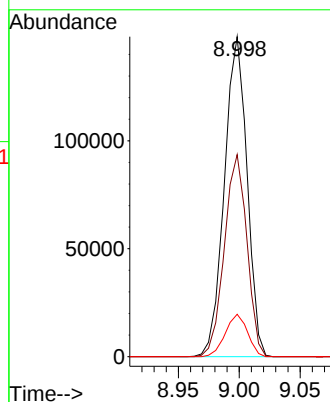
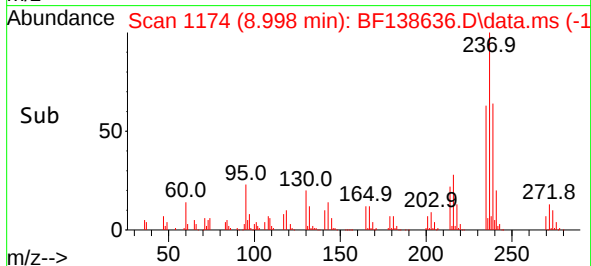


Tgt Ion: 237 Resp: 192020
Ion Ratio Lower Upper
237 100
235 63.2 43.3 83.3
272 13.2 0.0 32.3

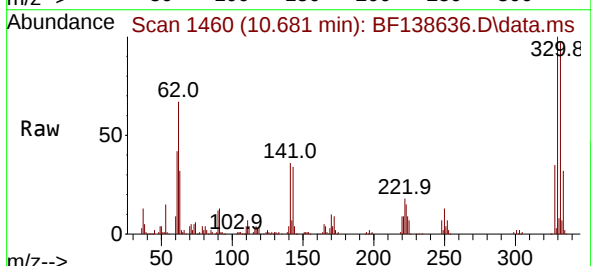
Manual Integrations

APPROVED

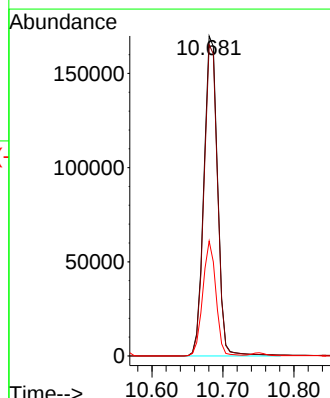
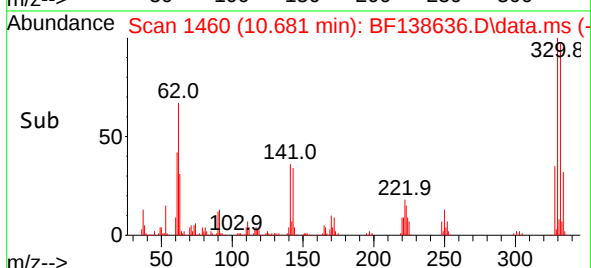
Reviewed By : Yogesh Patel 07/25/2024
Supervised By : mohammad ahmed 07/25/2024



#42
2,4,6-Tribromophenol
Concen: 129.443 ng
RT: 10.681 min Scan# 1460
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



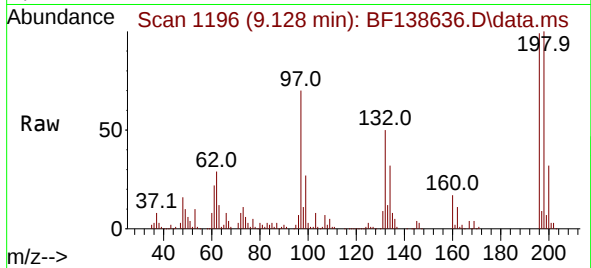
Tgt Ion: 330 Resp: 228976
Ion Ratio Lower Upper
330 100
332 97.4 76.8 115.2
141 34.5 29.4 44.2





#43
2,4,6-Trichlorophenol
Concen: 42.563 ng
RT: 9.128 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

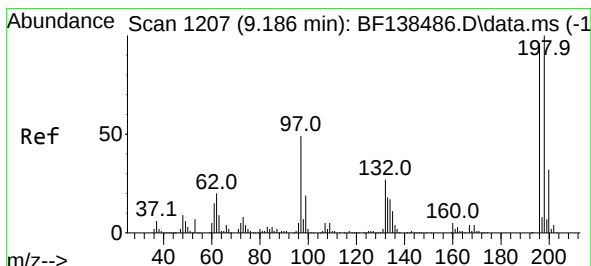
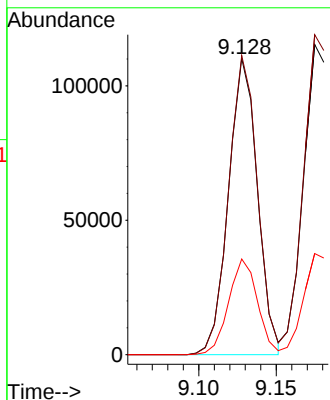
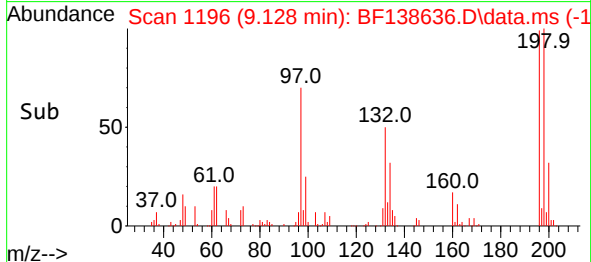
Instrument :
BNA_F
ClientSampleId :
PB162224BS



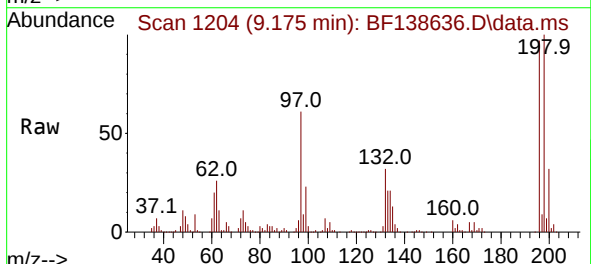
Tgt Ion:196 Resp: 14322
Ion Ratio Lower Upper
196 100
198 101.0 82.3 123.5
200 32.3 25.8 38.6

Manual Integrations
APPROVED

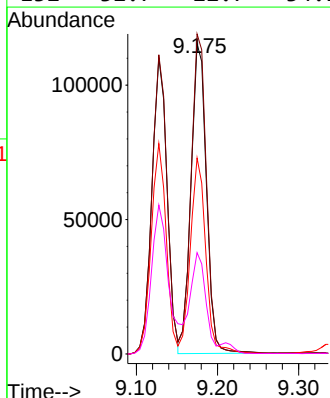
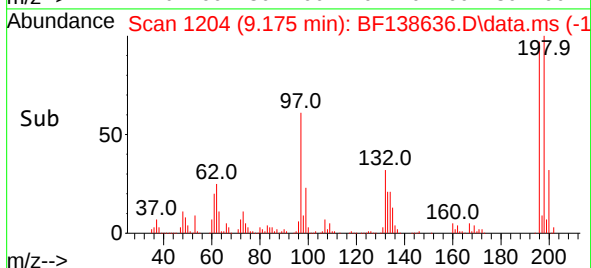
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

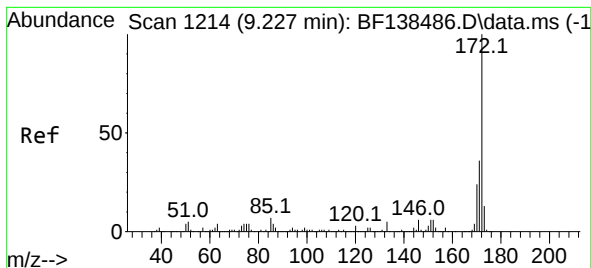


#44
2,4,5-Trichlorophenol
Concen: 41.325 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:196 Resp: 152942
Ion Ratio Lower Upper
196 100
198 103.2 82.8 124.2
97 63.2 41.0 61.4#
132 32.7 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 82.278 ng

RT: 9.210 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

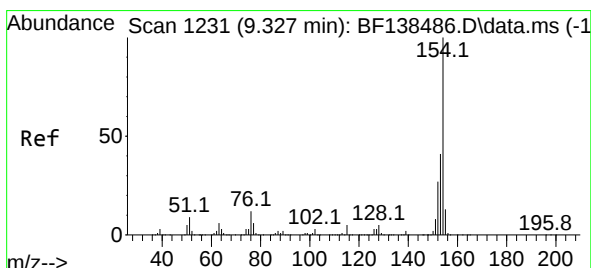
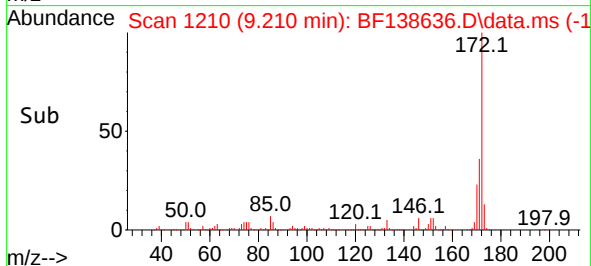
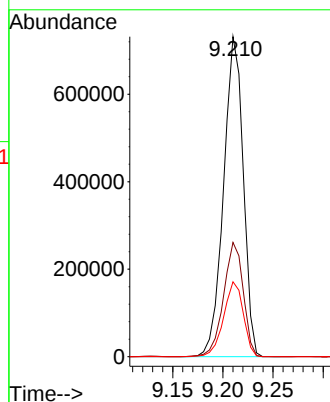
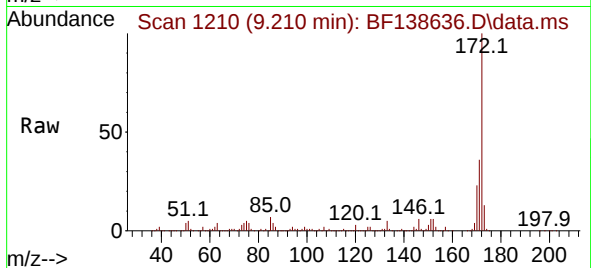
ClientSampleId :

PB162224BS

Tgt Ion:172 Resp: 996402
 Ion Ratio Lower Upper
 172 100
 171 35.7 28.9 43.3
 170 23.4 18.9 28.3

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#46

1,1'-Biphenyl

Concen: 40.962 ng

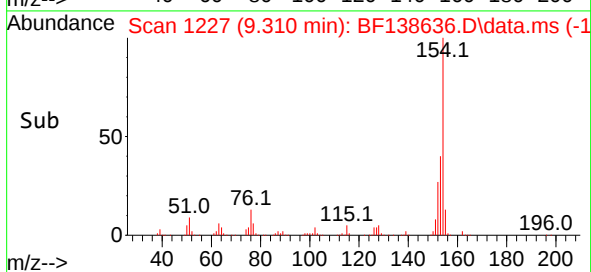
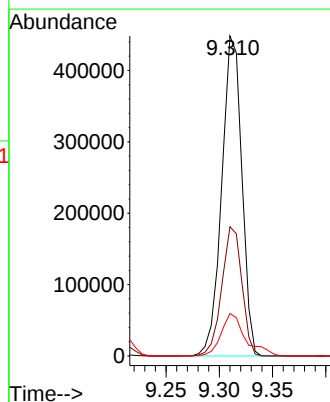
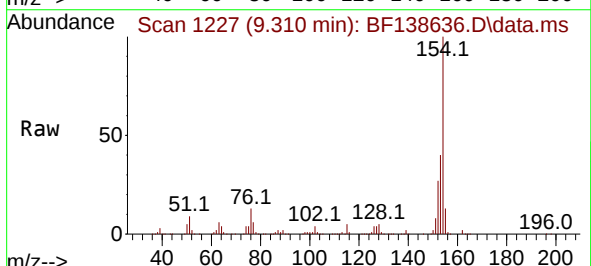
RT: 9.310 min Scan# 1227

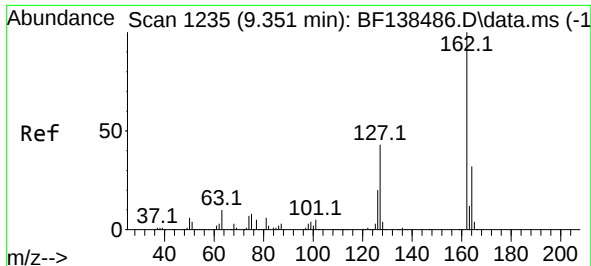
Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Tgt Ion:154 Resp: 587554
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.7 60.7
 76 13.3 0.0 32.2





#47

2-Chloronaphthalene

Concen: 42.469 ng

RT: 9.339 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

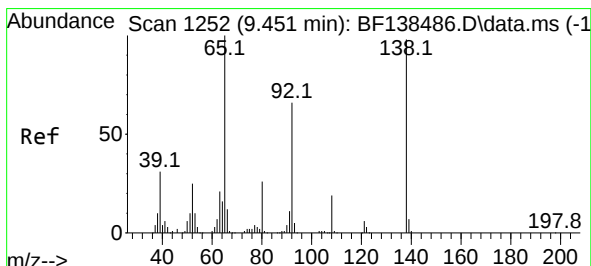
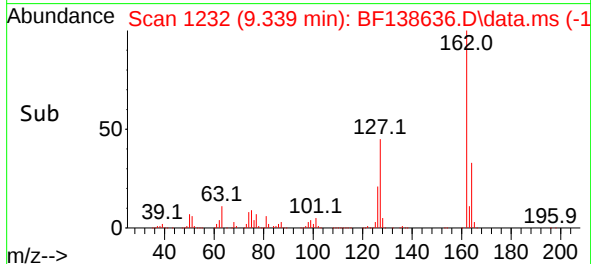
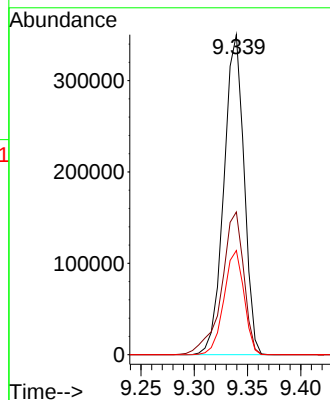
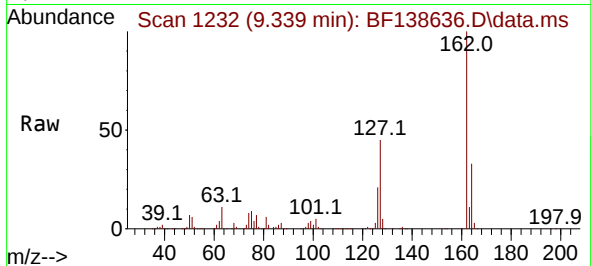
Tgt Ion:162 Resp: 460205
 Ion Ratio Lower Upper
 162 100
 127 44.6 34.8 52.2
 164 32.5 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#48

2-Nitroaniline

Concen: 46.996 ng

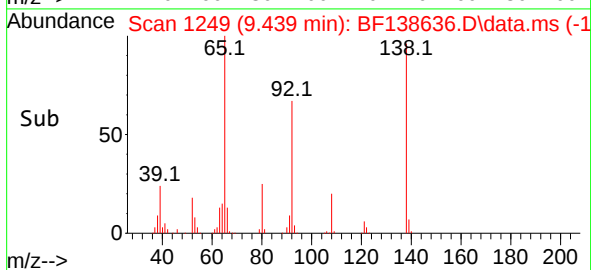
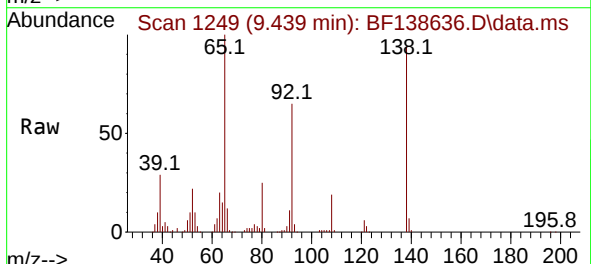
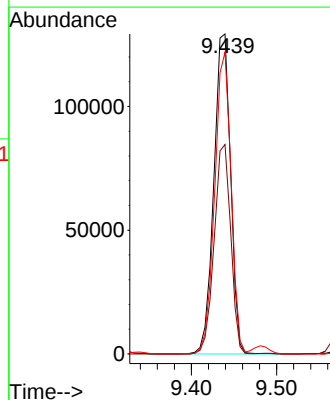
RT: 9.439 min Scan# 1249

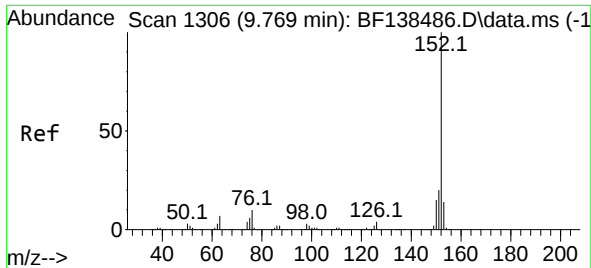
Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Tgt Ion: 65 Resp: 176471
 Ion Ratio Lower Upper
 65 100
 92 65.4 52.6 78.8
 138 94.3 78.6 118.0





#49
Acenaphthylene
Concen: 48.201 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

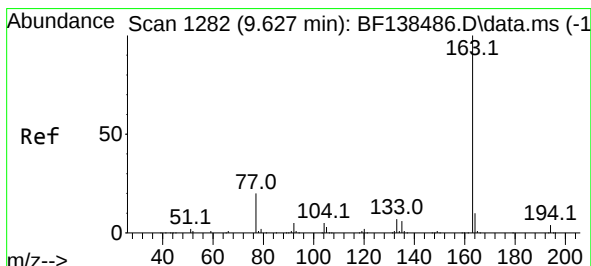
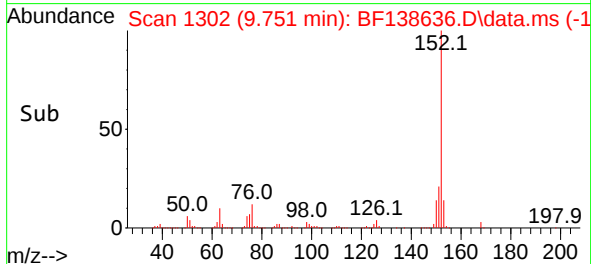
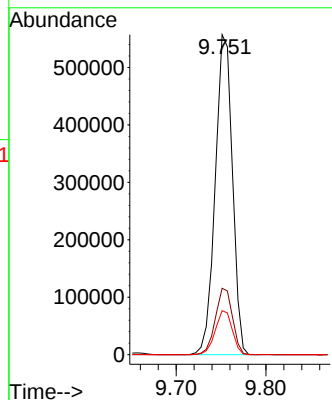
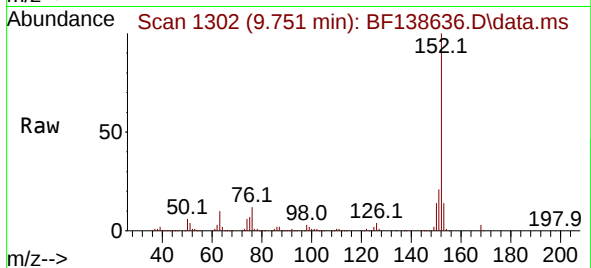
ClientSampleId :

PB162224BS

Tgt Ion:152 Resp: 74155
Ion Ratio Lower Upper
152 100
151 20.7 16.3 24.5
153 13.8 11.3 16.9

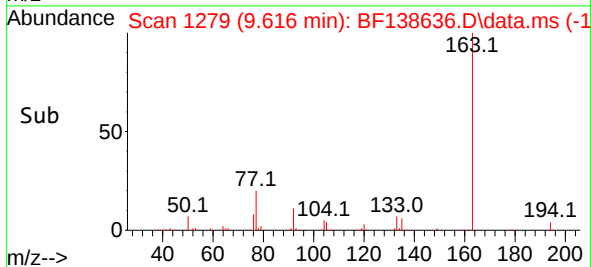
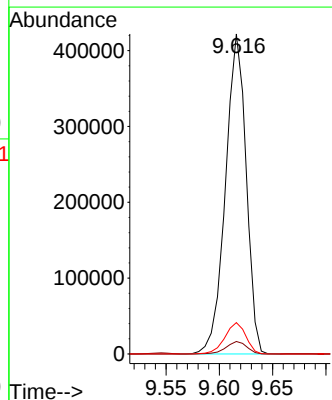
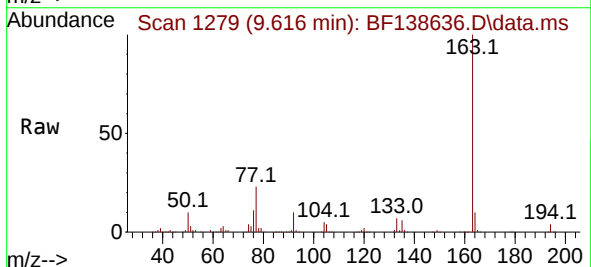
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#50
Dimethylphthalate
Concen: 46.565 ng
RT: 9.616 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:163 Resp: 569893
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 9.8 8.1 12.1





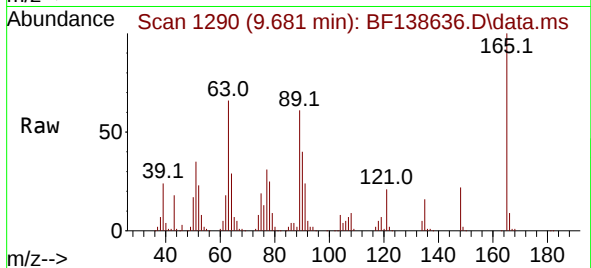
#51
2,6-Dinitrotoluene
Concen: 44.075 ng
RT: 9.681 min Scan# 1290
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



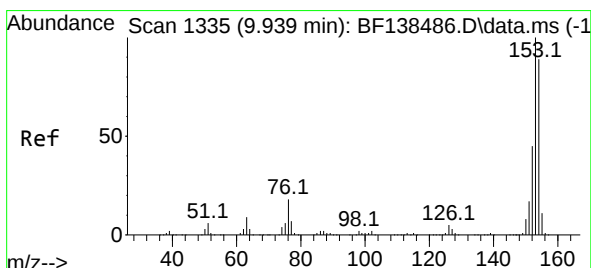
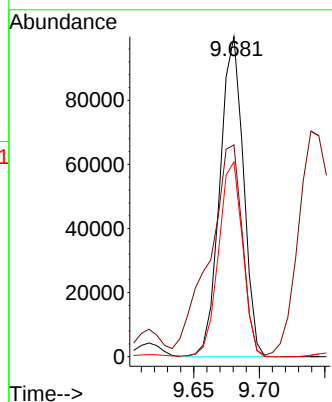
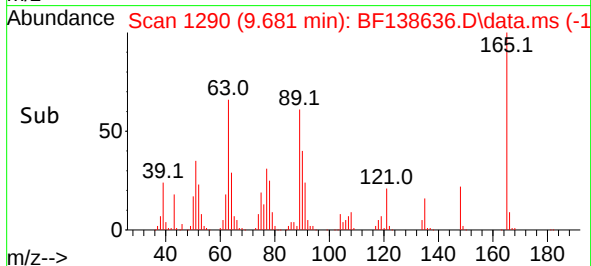
Tgt Ion:165 Resp: 124199
Ion Ratio Lower Upper
165 100
63 66.2 48.1 72.1
89 60.9 43.0 64.6

Manual Integrations

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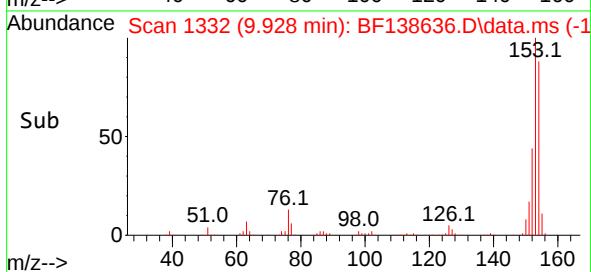
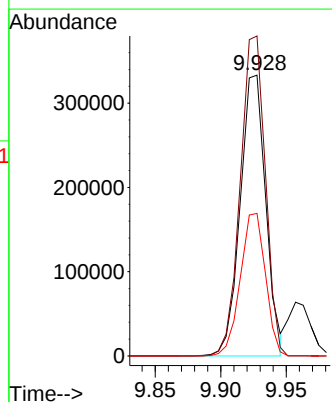
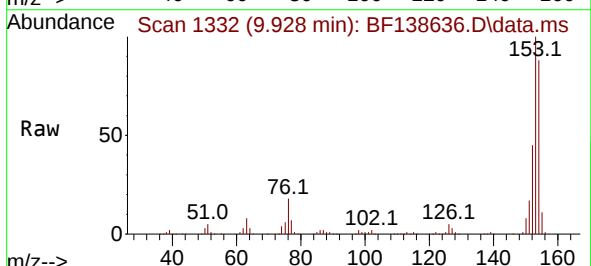
Reviewed By :Yogesh Patel 07/25/2024

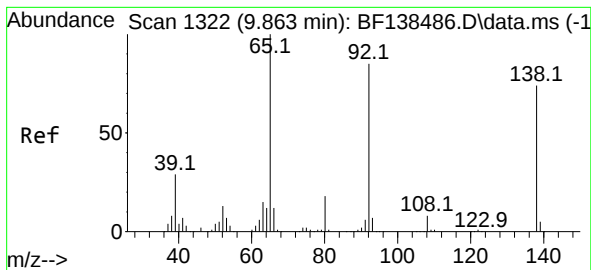
Supervised By :mohammad ahmed 07/25/2024



#52
Acenaphthene
Concen: 44.194 ng
RT: 9.928 min Scan# 1332
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:154 Resp: 451959
Ion Ratio Lower Upper
154 100
153 114.0 90.4 135.6
152 50.8 41.1 61.7





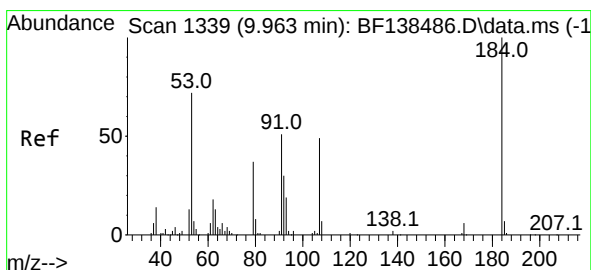
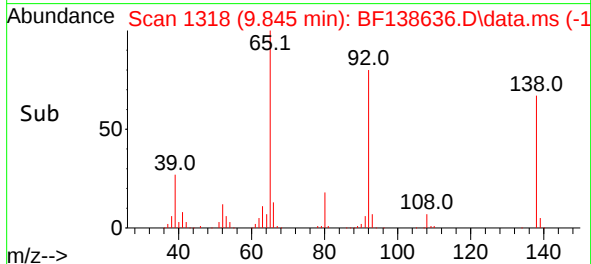
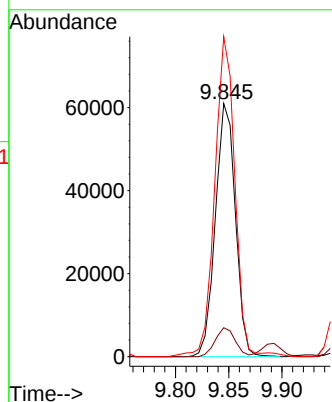
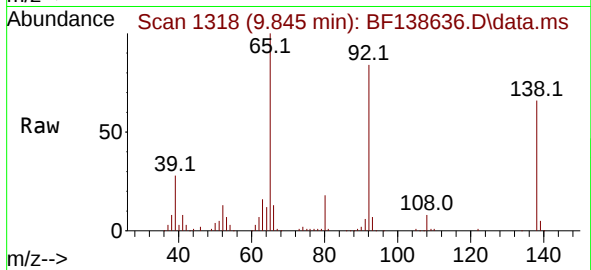
#53
3-Nitroaniline
Concen: 27.573 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162224BS

Tgt Ion:138 Resp: 79630
Ion Ratio Lower Upper
138 100
108 11.4 8.3 12.5
92 126.4 92.6 138.8

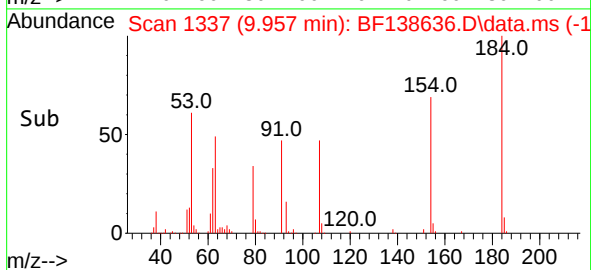
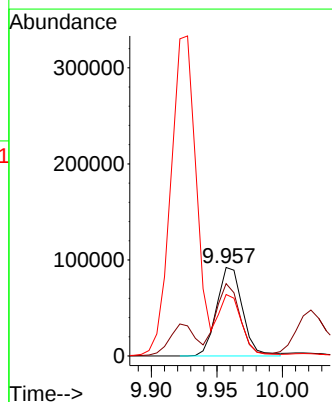
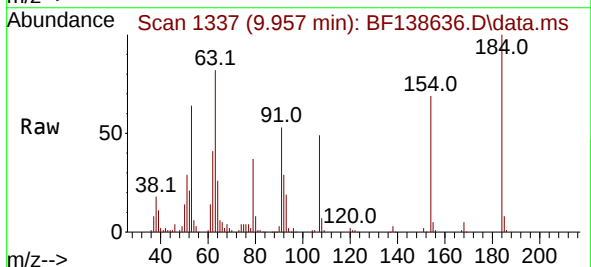
Manual Integrations
APPROVED

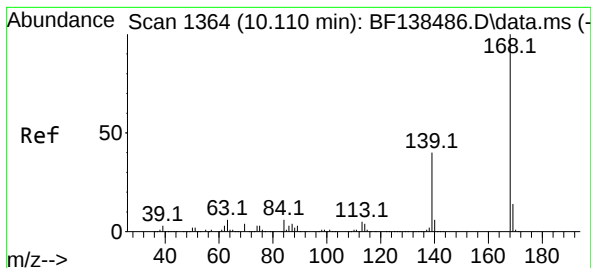
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#54
2,4-Dinitrophenol
Concen: 83.277 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:184 Resp: 126250
Ion Ratio Lower Upper
184 100
63 81.8 70.6 106.0
154 69.4 53.8 80.6





#55
Dibenzenofuran
Concen: 44.679 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

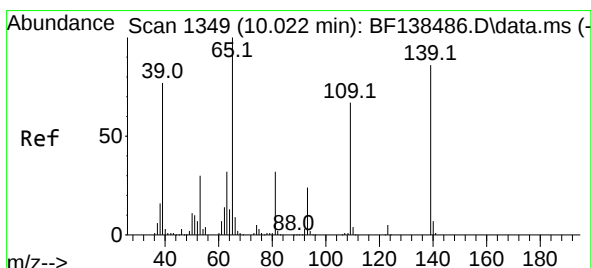
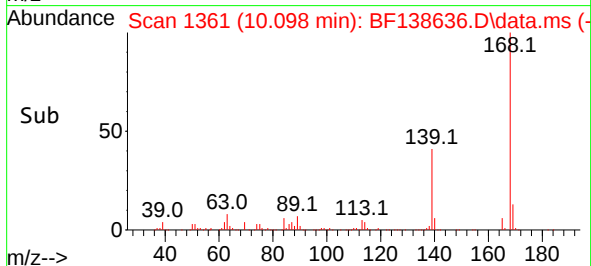
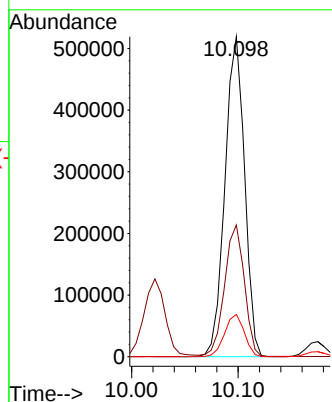
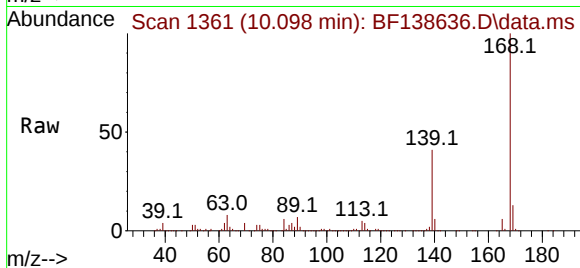
ClientSampleId :

PB162224BS

Tgt Ion:168 Resp: 66274
Ion Ratio Lower Upper
168 100
139 41.2 32.4 48.6
169 13.2 10.9 16.3

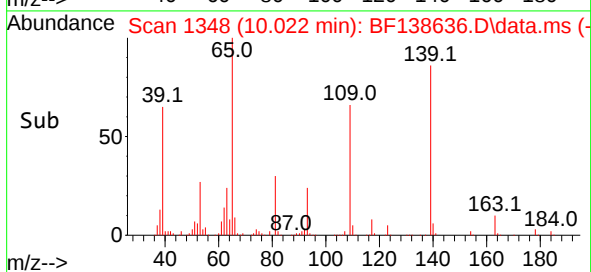
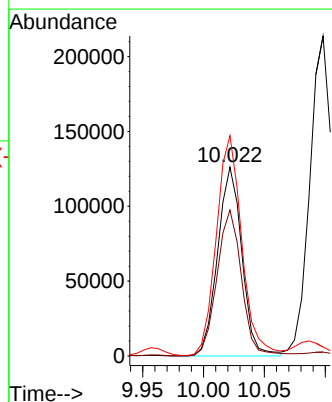
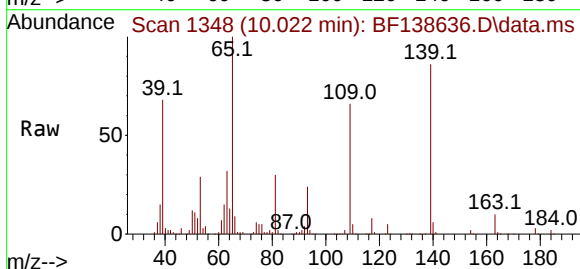
Manual Integrations
APPROVED

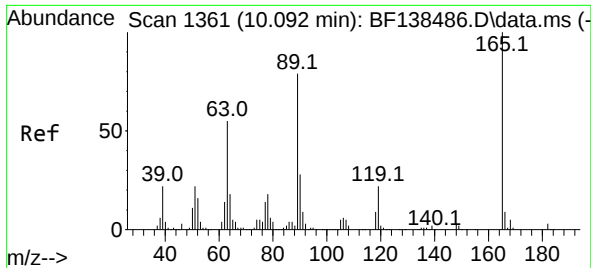
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#56
4-Nitrophenol
Concen: 82.255 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.000 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:139 Resp: 175290
Ion Ratio Lower Upper
139 100
109 77.3 58.1 98.1
65 116.7 96.9 136.9





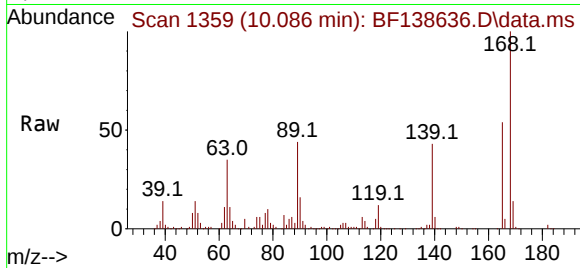
#57
2,4-Dinitrotoluene
Concen: 45.803 ng
RT: 10.086 min Scan# 1419
Delta R.T. -0.006 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



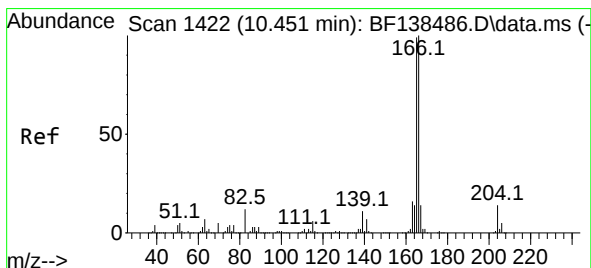
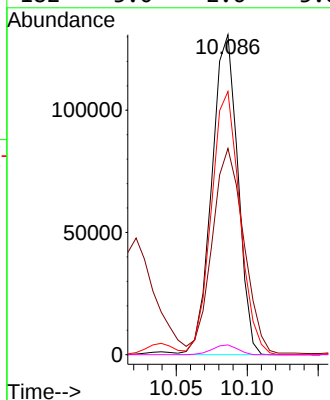
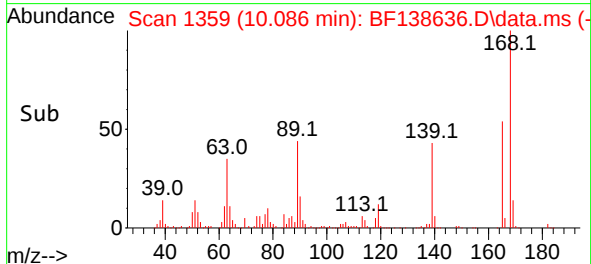
Tgt Ion:165 Resp: 166998
Ion Ratio Lower Upper
165 100
63 64.5 44.6 66.8
89 82.3 63.4 95.2
182 3.0 2.6 3.8

Manual Integrations

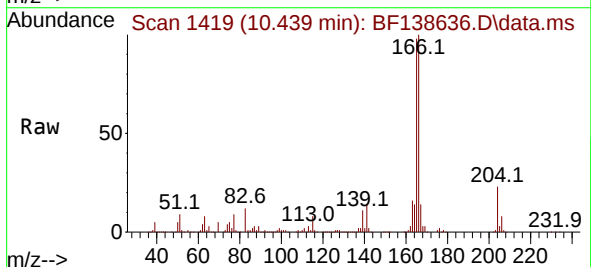
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

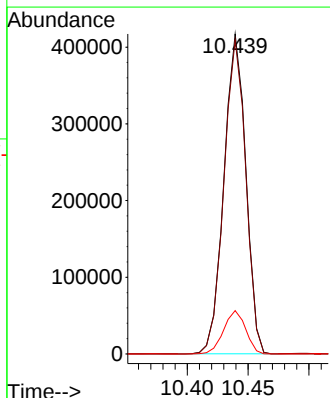
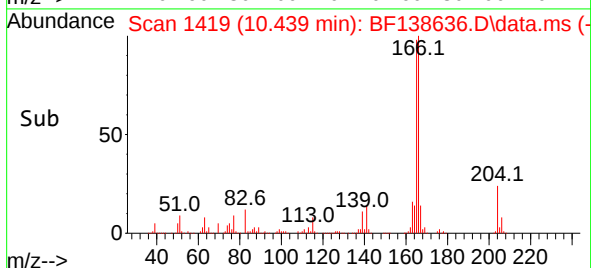
Supervised By :mohammad ahmed 07/25/2024



#58
Fluorene
Concen: 44.512 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



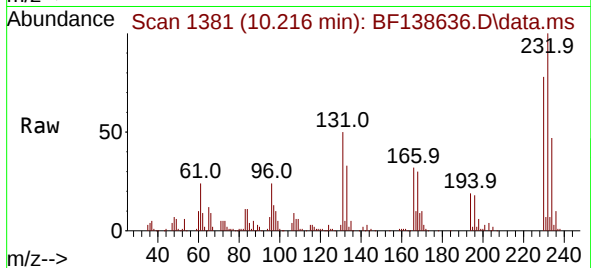
Tgt Ion:166 Resp: 522429
Ion Ratio Lower Upper
166 100
165 98.2 79.1 118.7
167 13.6 11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.194 ng
RT: 10.216 min Scan# 1381
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

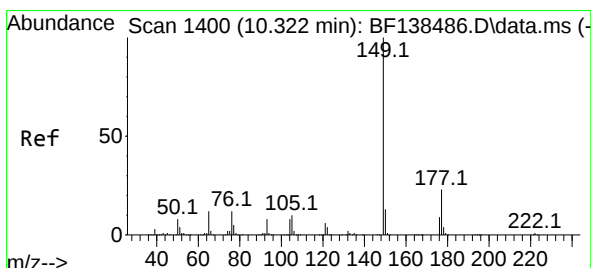
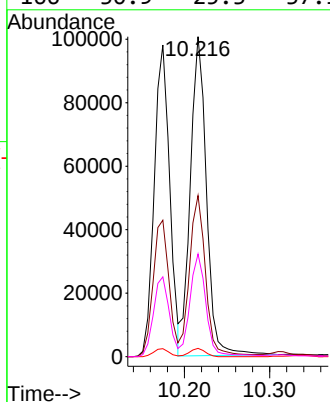
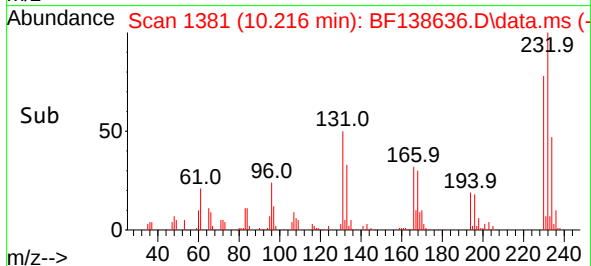
Instrument :
BNA_F
ClientSampleId :
PB162224BS



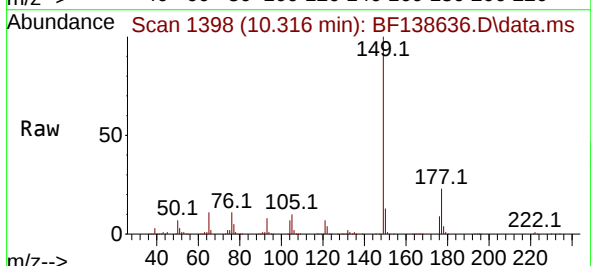
Tgt Ion:232 Resp: 132004
Ion Ratio Lower Upper
232 100
131 50.4 37.5 56.3
130 2.5 2.0 3.0
166 30.9 25.3 37.9

Manual Integrations
APPROVED

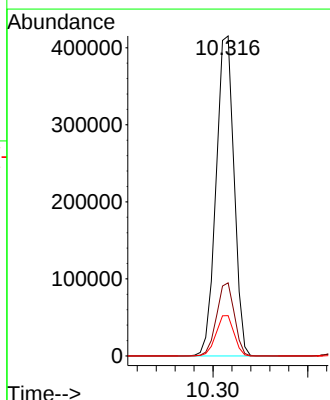
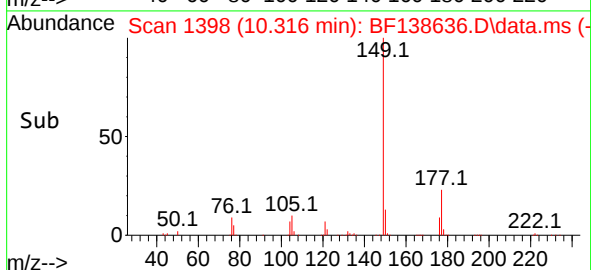
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

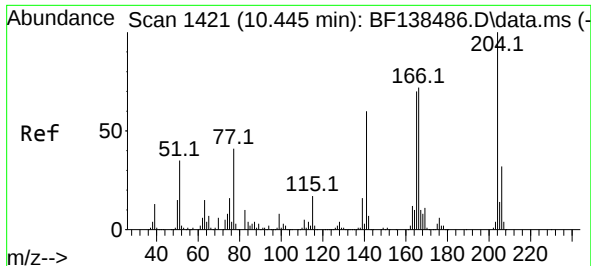


#60
Diethylphthalate
Concen: 46.420 ng
RT: 10.316 min Scan# 1398
Delta R.T. -0.006 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



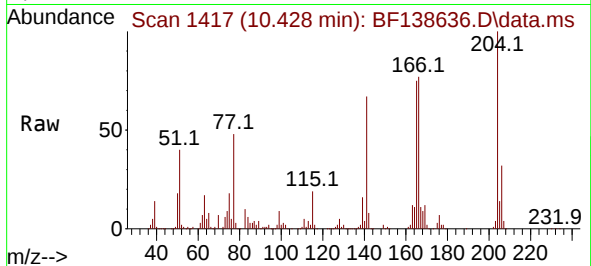
Tgt Ion:149 Resp: 547688
Ion Ratio Lower Upper
149 100
177 22.9 18.5 27.7
150 12.6 10.3 15.5





#61
4-Chlorophenyl-phenylether
Concen: 43.554 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

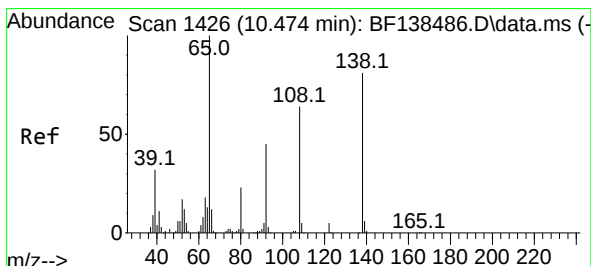
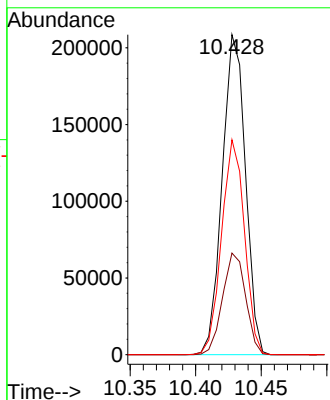
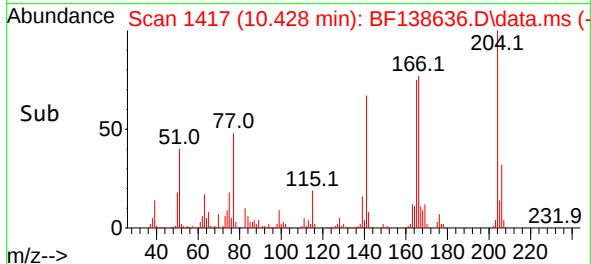
Instrument :
BNA_F
ClientSampleId :
PB162224BS



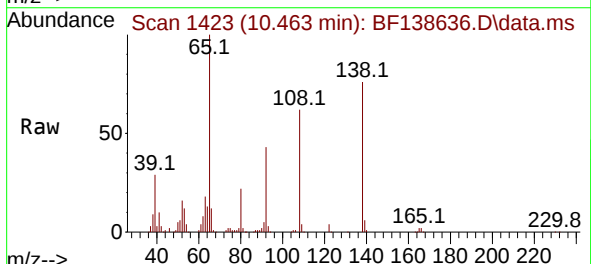
Tgt Ion:204 Resp: 256688
Ion Ratio Lower Upper
204 100
206 31.8 25.6 38.4
141 67.2 47.7 71.5

Manual Integrations
APPROVED

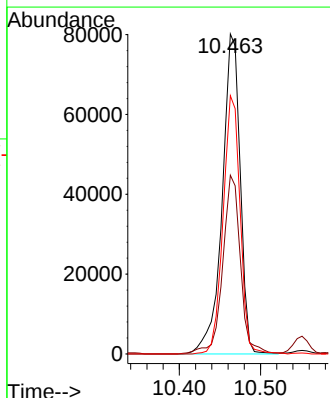
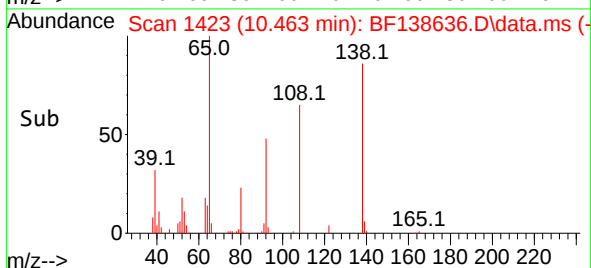
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024

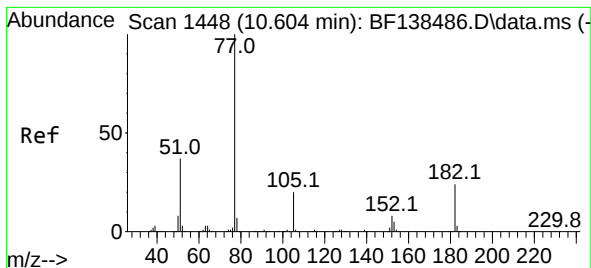


#62
4-Nitroaniline
Concen: 42.700 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:138 Resp: 123582
Ion Ratio Lower Upper
138 100
92 55.8 35.8 75.8
108 80.7 59.8 99.8





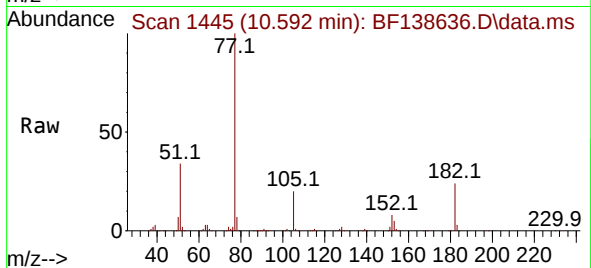
#63
Azobenzene
Concen: 47.301 ng
RT: 10.592 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



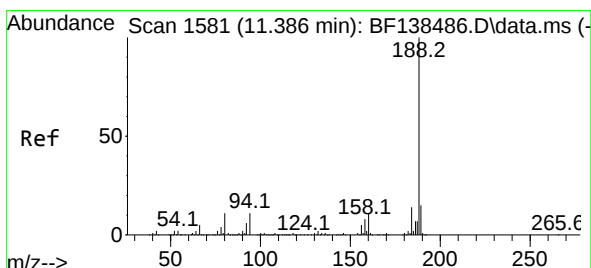
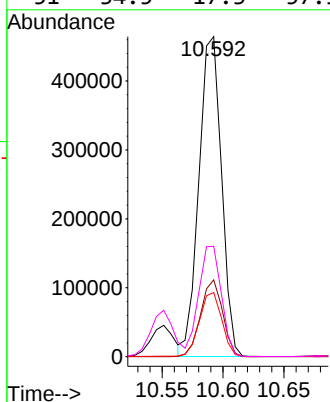
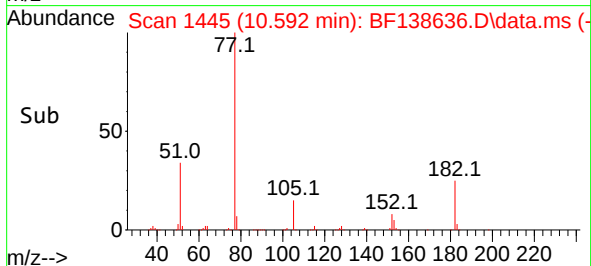
Tgt Ion: 77 Resp: 600010
Ion Ratio Lower Upper
77 100
182 24.0 3.8 43.8
105 20.1 0.0 39.8
51 34.5 17.3 57.3

Manual Integrations

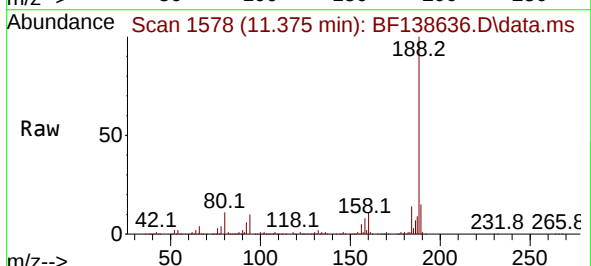
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

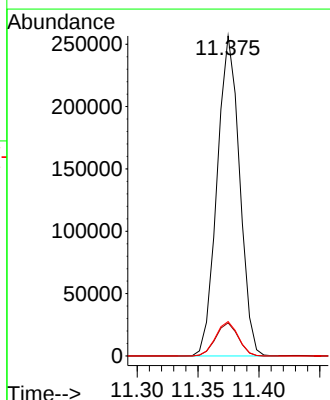
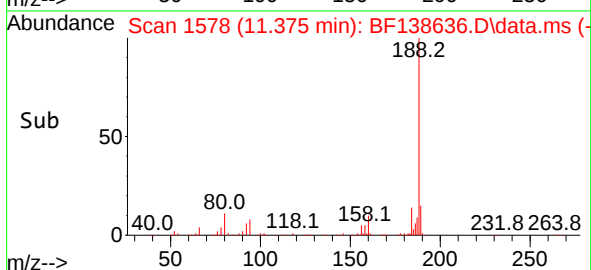
Supervised By :mohammad ahmed 07/25/2024

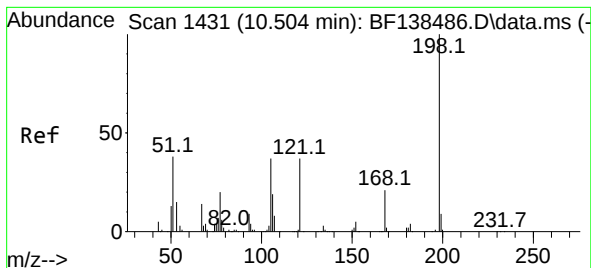


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.375 min Scan# 1578
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:188 Resp: 330092
Ion Ratio Lower Upper
188 100
94 10.3 8.7 13.1
80 10.8 9.0 13.4





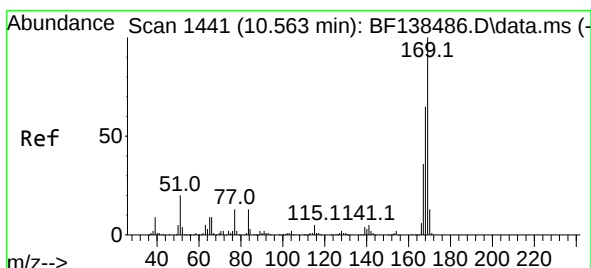
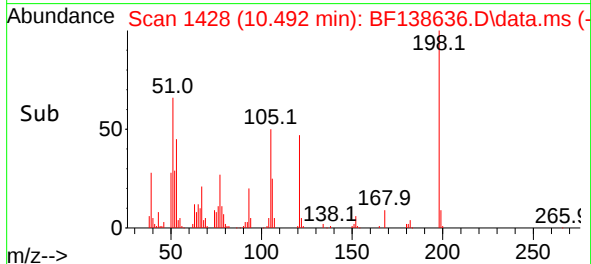
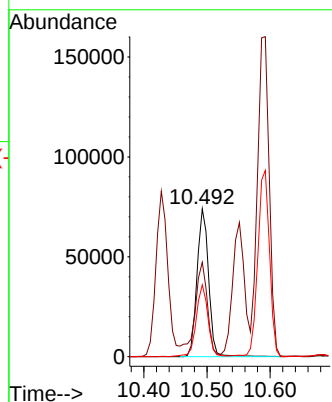
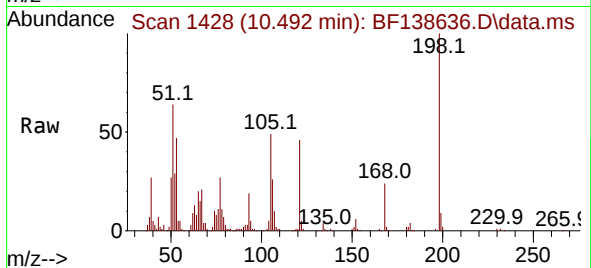
#65
4,6-Dinitro-2-methylphenol
Concen: 49.459 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :
BNA_F
ClientSampleId :
PB162224BS

Tgt Ion:198 Resp: 9426
Ion Ratio Lower Upper
198 100
51 63.9 27.2 67.2
105 48.6 18.5 58.5

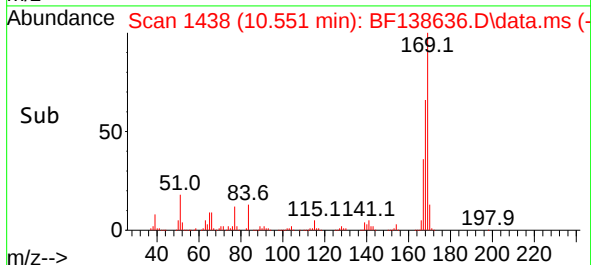
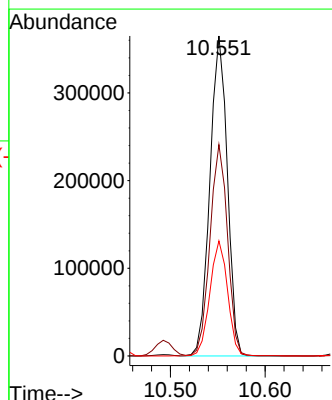
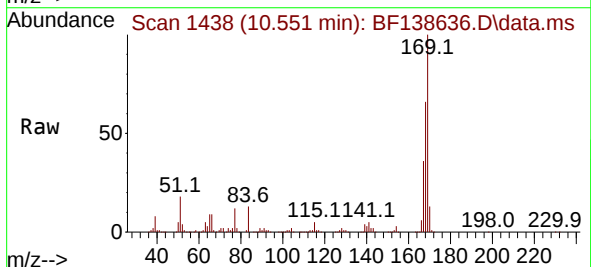
Manual Integrations
APPROVED

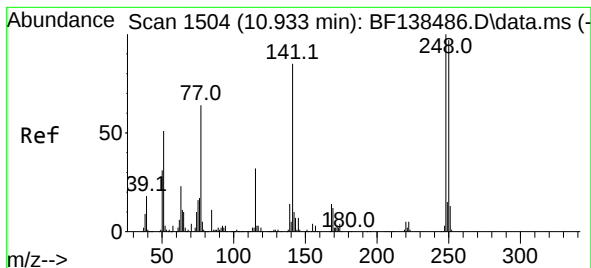
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#66
n-Nitrosodiphenylamine
Concen: 47.017 ng
RT: 10.551 min Scan# 1438
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:169 Resp: 464986
Ion Ratio Lower Upper
169 100
168 66.0 51.7 77.5
167 35.9 28.5 42.7





#67
4-Bromophenyl-phenylether
Concen: 45.064 ng
RT: 10.916 min Scan# 1500
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

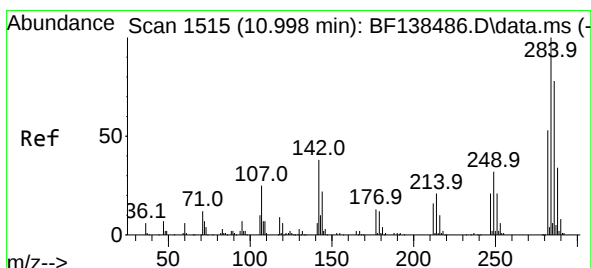
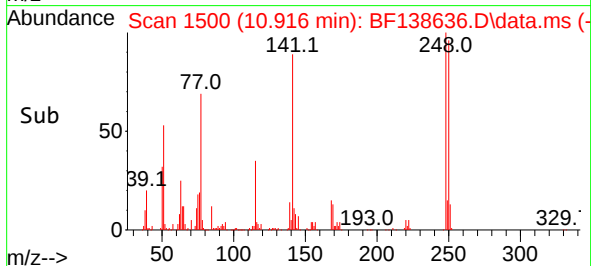
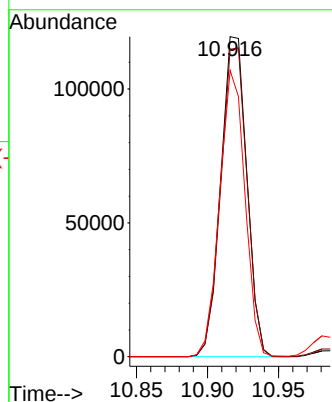
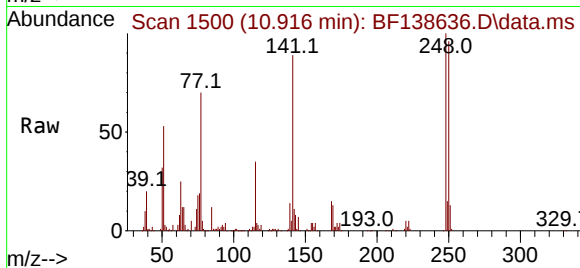
ClientSampleId :

PB162224BS

Tgt Ion:248 Resp: 15289
Ion Ratio Lower Upper
248 100
250 96.1 77.9 116.9
141 89.4 67.7 101.5

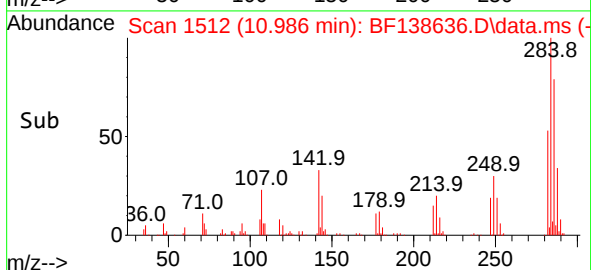
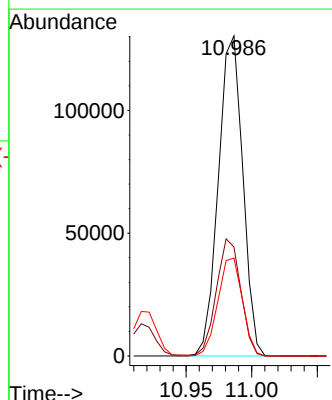
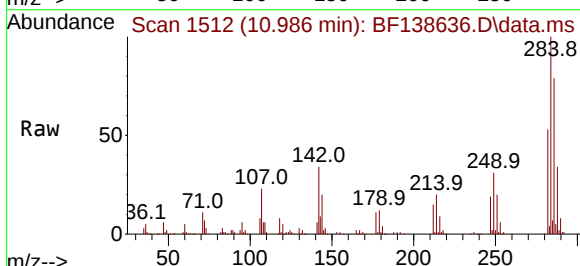
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#68
Hexachlorobenzene
Concen: 44.761 ng
RT: 10.986 min Scan# 1512
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:284 Resp: 168708
Ion Ratio Lower Upper
284 100
142 34.0 30.5 45.7
249 30.6 25.9 38.9





#69

Atrazine

Concen: 43.653 ng

RT: 11.075 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

Tgt Ion:200 Resp: 143130

Ion Ratio Lower Upper

200 100

173 26.1 4.1 44.1

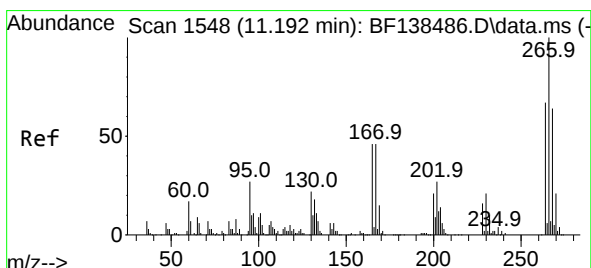
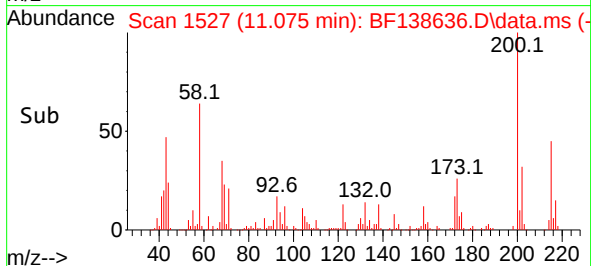
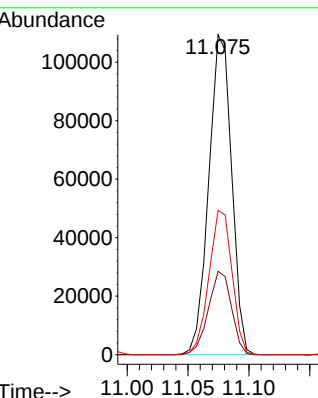
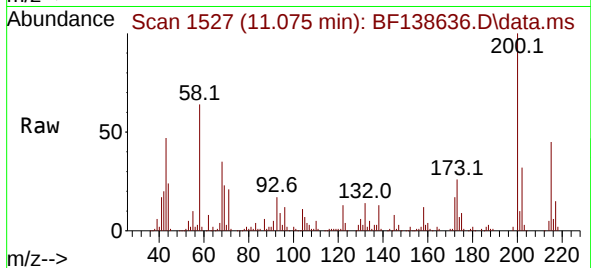
215 45.1 26.5 66.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#70

Pentachlorophenol

Concen: 77.229 ng

RT: 11.181 min Scan# 1545

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

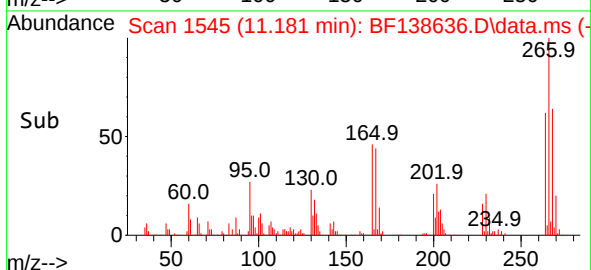
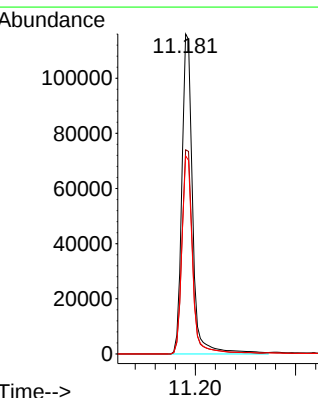
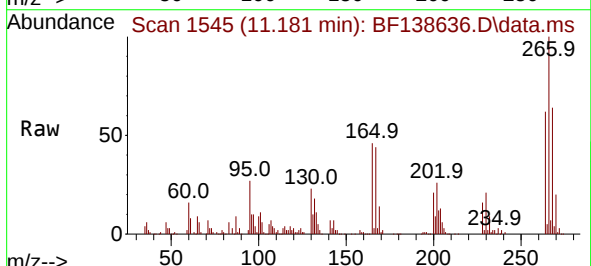
Tgt Ion:266 Resp: 172240

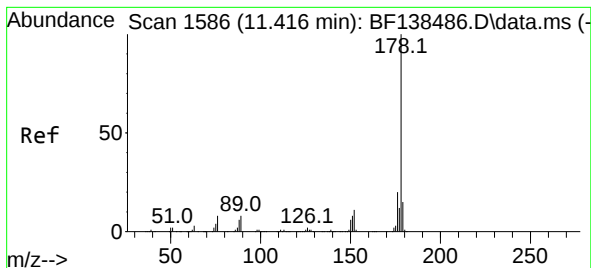
Ion Ratio Lower Upper

266 100

268 63.8 50.9 76.3

264 61.9 53.5 80.3





#71

Phenanthrene

Concen: 46.509 ng

RT: 11.404 min Scan# 1586

Delta R.T. -0.012 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

Tgt Ion:178 Resp: 775604

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

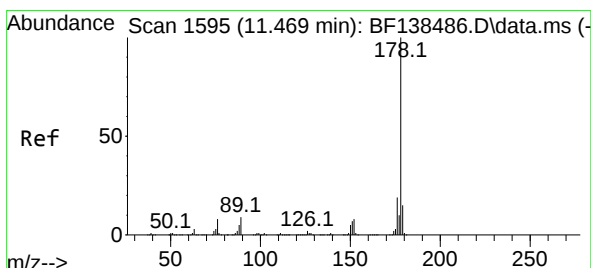
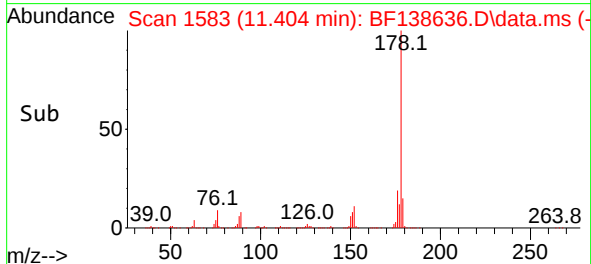
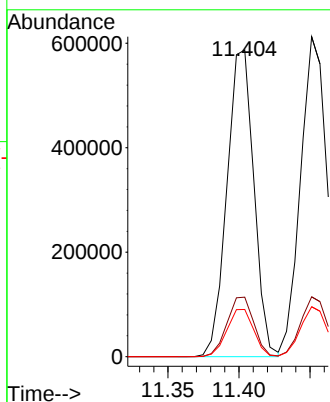
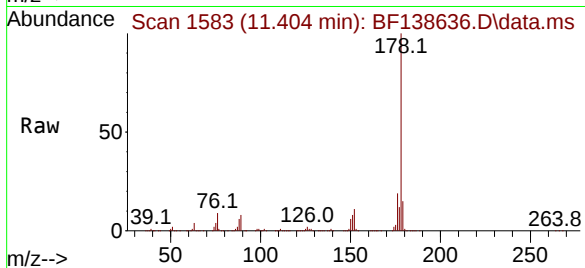
179 15.4 12.2 18.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#72

Anthracene

Concen: 47.611 ng

RT: 11.451 min Scan# 1591

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

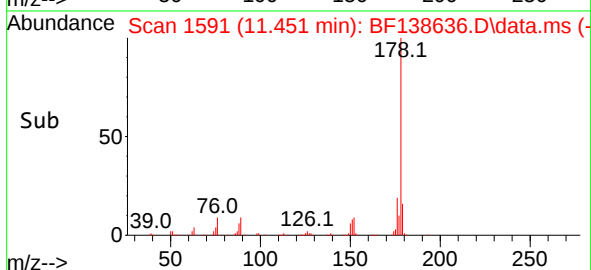
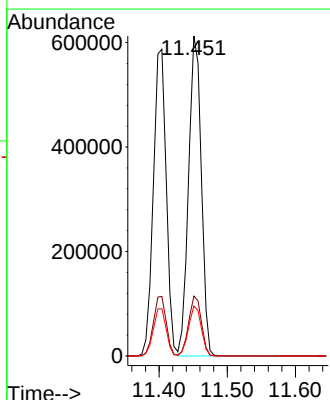
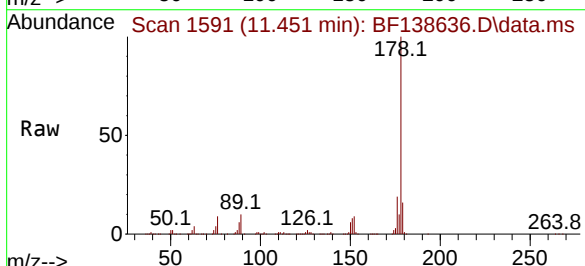
Tgt Ion:178 Resp: 788166

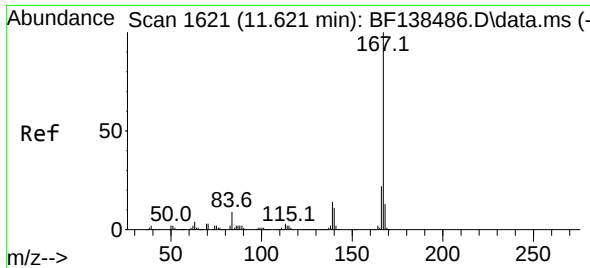
Ion Ratio Lower Upper

178 100

176 18.7 14.8 22.2

179 15.6 12.2 18.4





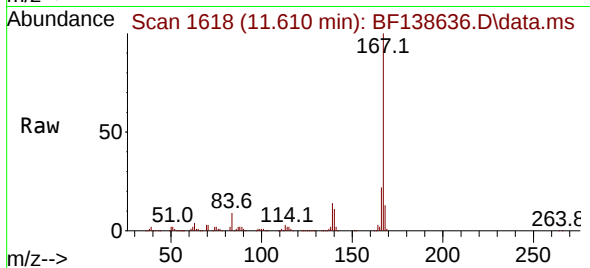
#73
 Carbazole
 Concen: 44.768 ng
 RT: 11.610 min Scan# 1618
 Delta R.T. -0.012 min
 Lab File: BF138636.D
 Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



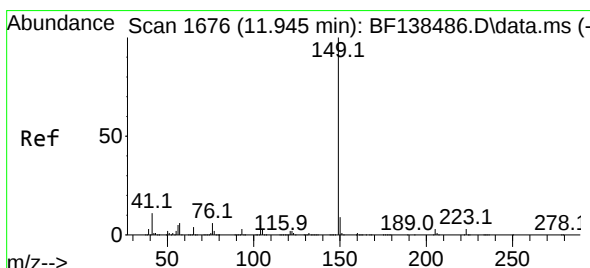
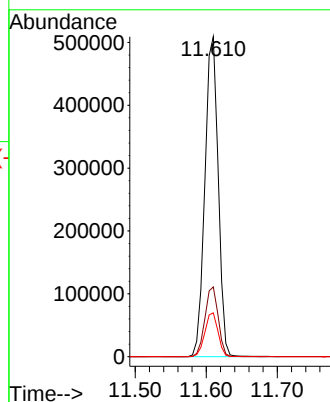
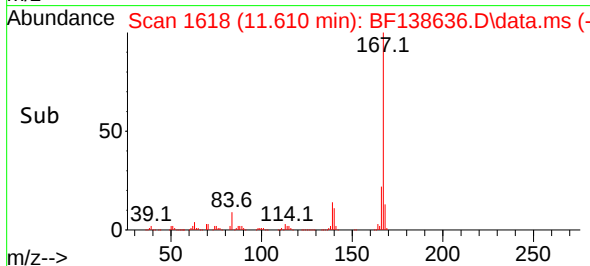
Tgt Ion:167 Resp: 66599
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.8 26.6
 139 13.7 11.0 16.4

Manual Integrations

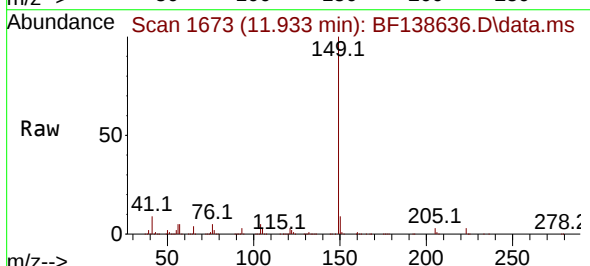
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

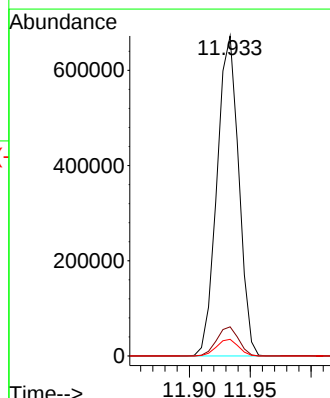
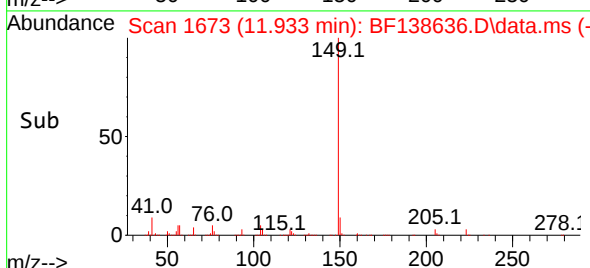
Supervised By :mohammad ahmed 07/25/2024

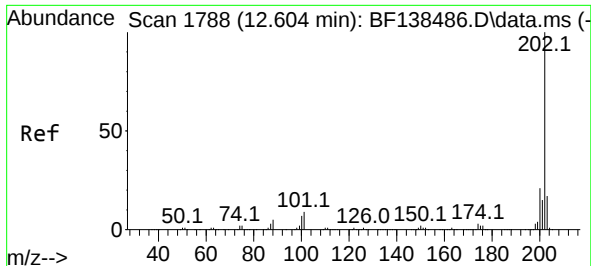


#74
 Di-n-butylphthalate
 Concen: 48.798 ng
 RT: 11.933 min Scan# 1673
 Delta R.T. -0.012 min
 Lab File: BF138636.D
 Acq: 24 Jul 2024 13:02



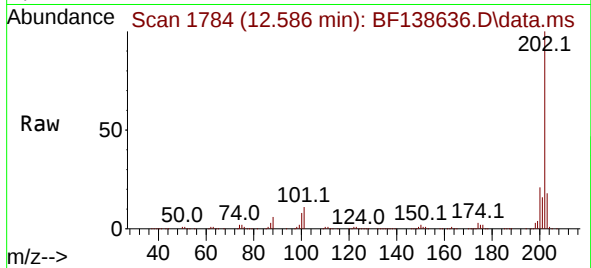
Tgt Ion:149 Resp: 836790
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 5.2 4.4 6.6





#75
Fluoranthene
Concen: 43.228 ng
RT: 12.586 min Scan# 11
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

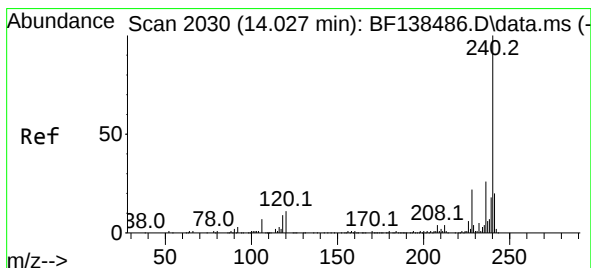
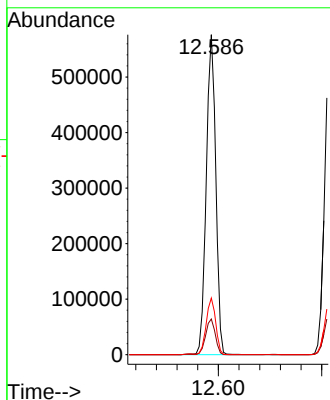
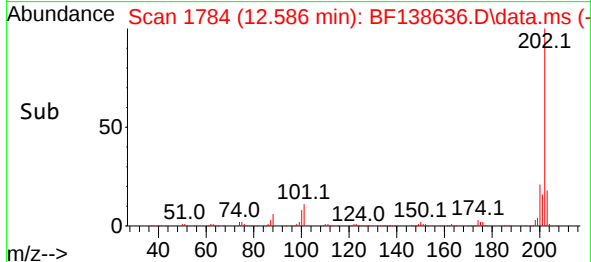
Instrument :
BNA_F
ClientSampleId :
PB162224BS



Tgt Ion:202 Resp: 735602
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.2
203 17.7 0.0 37.3

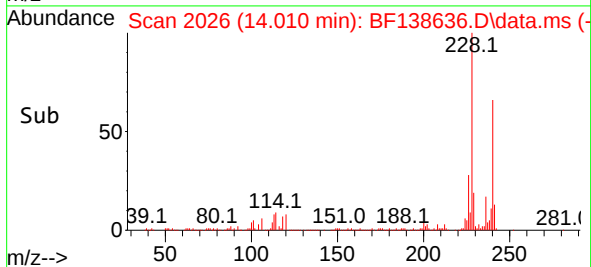
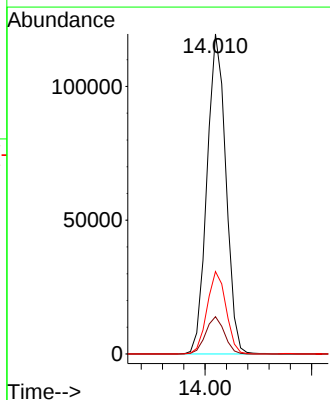
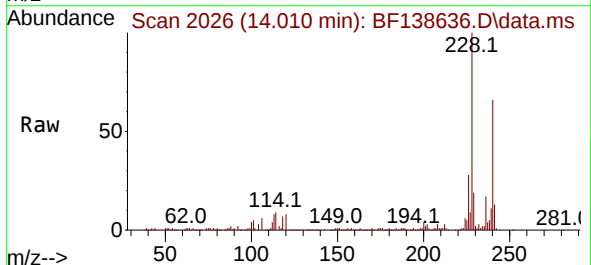
Manual Integrations
APPROVED

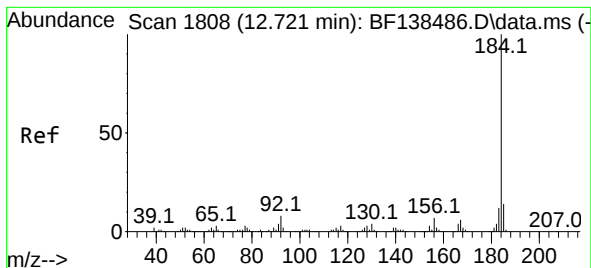
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:240 Resp: 147111
Ion Ratio Lower Upper
240 100
120 11.7 8.6 12.8
236 25.8 21.0 31.6





#77

Benzidine

Concen: 27.982 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.017 min

Lab File: BF138636.D

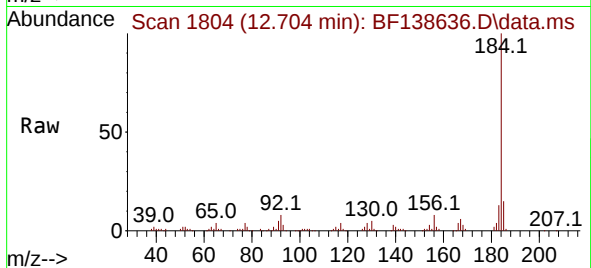
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



Tgt Ion:184 Resp: 103850

Ion Ratio Lower Upper

184 100

185 15.4 11.3 16.9

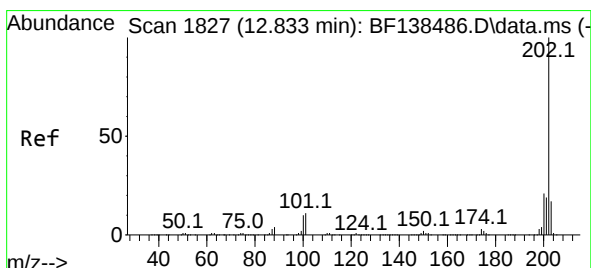
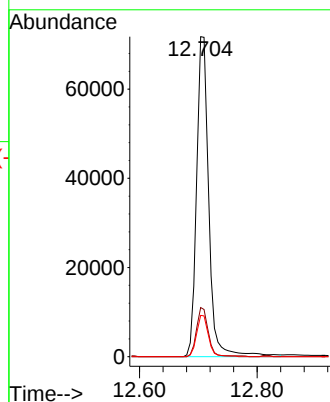
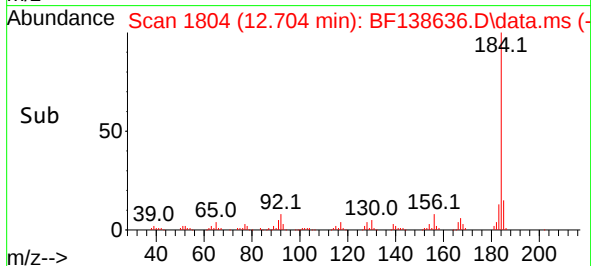
183 12.9 9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#78

Pyrene

Concen: 48.955 ng

RT: 12.816 min Scan# 1823

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

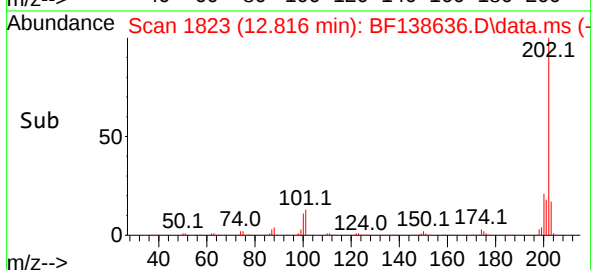
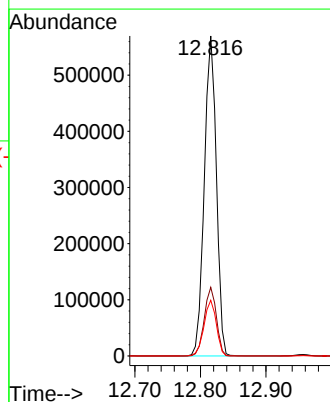
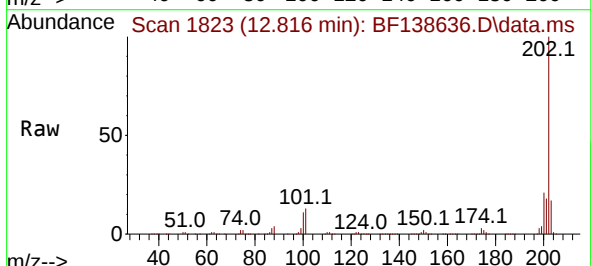
Tgt Ion:202 Resp: 731075

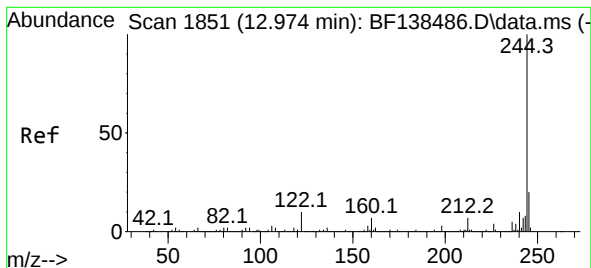
Ion Ratio Lower Upper

202 100

200 21.4 17.0 25.6

203 17.4 13.7 20.5





#79

Terphenyl-d14

Concen: 108.974 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.017 min

Lab File: BF138636.D

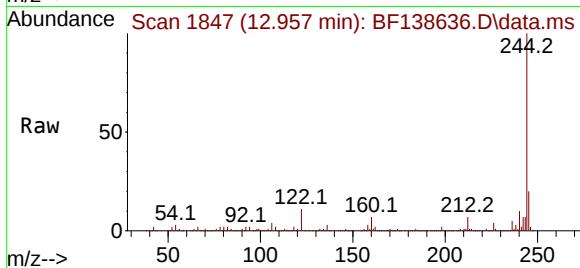
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



Tgt Ion:244 Resp: 984044

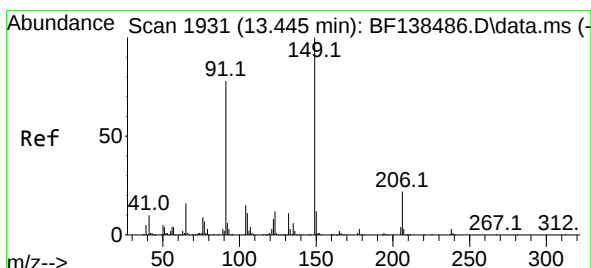
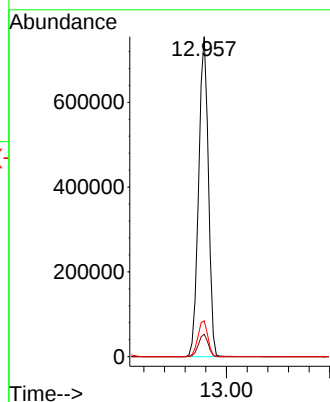
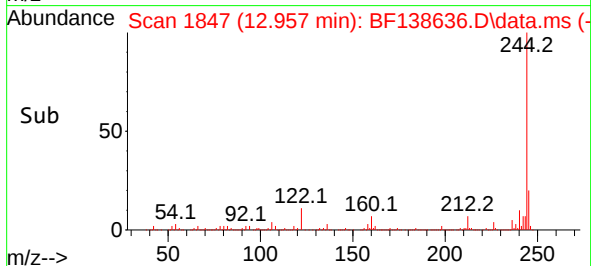
Ion	Ratio	Lower	Upper
244	100		
212	7.0	5.5	8.3
122	11.2	7.8	11.8

Manual Integrations

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#80

Butylbenzylphthalate

Concen: 54.382 ng

RT: 13.427 min Scan# 1927

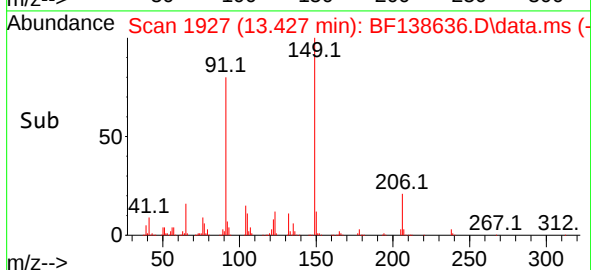
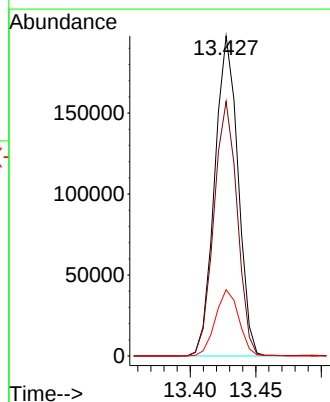
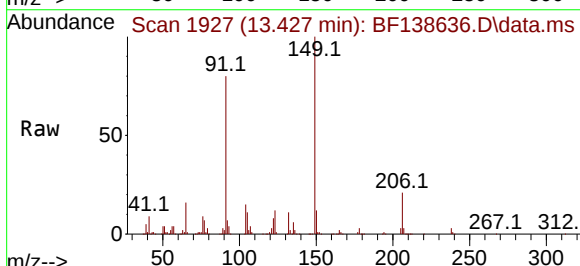
Delta R.T. -0.017 min

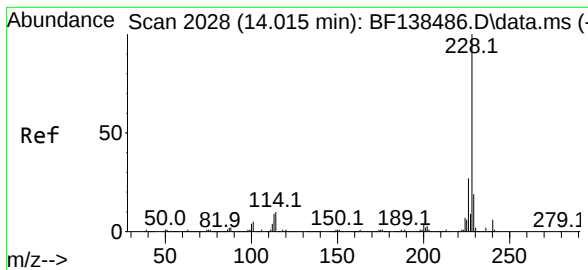
Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Tgt Ion:149 Resp: 244304

Ion	Ratio	Lower	Upper
149	100		
91	79.5	62.1	93.1
206	20.7	18.0	27.0





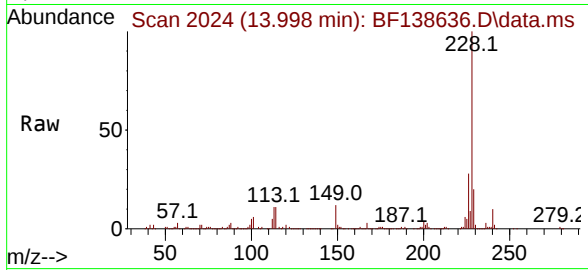
#81
Benzo(a)anthracene
Concen: 47.003 ng
RT: 13.998 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS



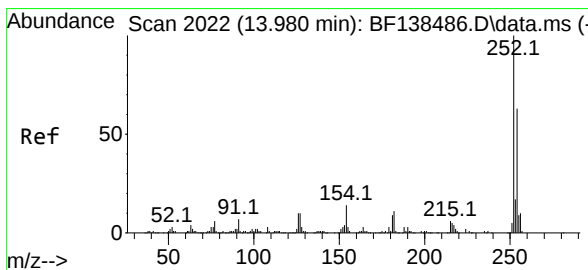
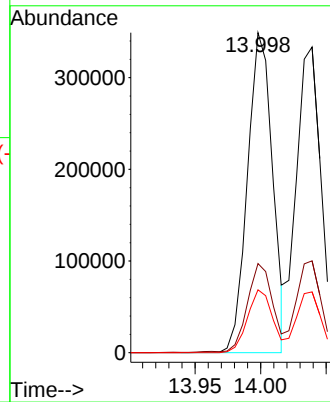
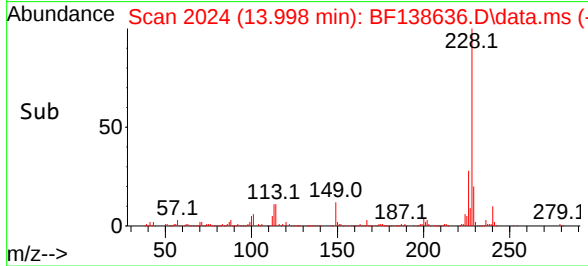
Tgt Ion:228 Resp: 463979
Ion Ratio Lower Upper
228 100
226 27.9 21.9 32.9
229 19.6 15.5 23.3

Manual Integrations

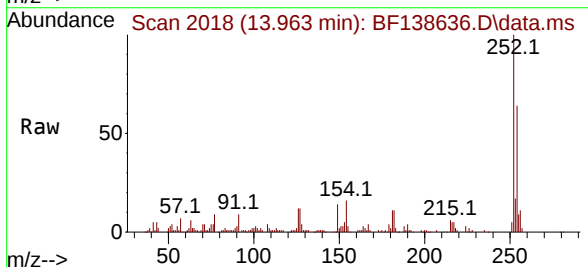
APPROVED

Reviewed By :Yogesh Patel 07/25/2024

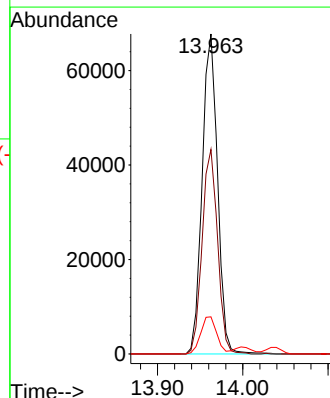
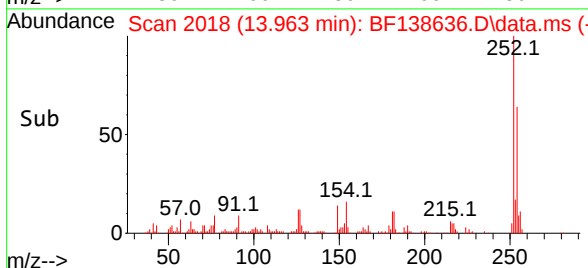
Supervised By :mohammad ahmed 07/25/2024

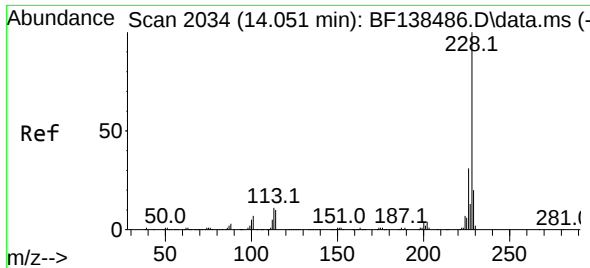


#82
3,3'-Dichlorobenzidine
Concen: 33.393 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



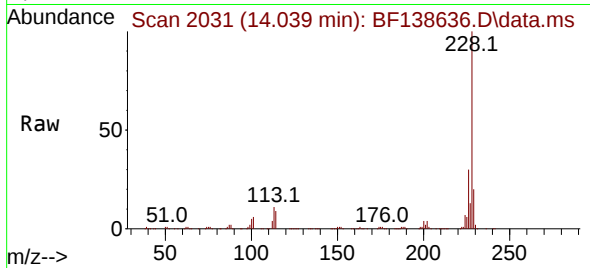
Tgt Ion:252 Resp: 84937
Ion Ratio Lower Upper
252 100
254 63.9 50.3 75.5
126 11.6 8.1 12.1





#83
Chrysene
Concen: 46.756 ng
RT: 14.039 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

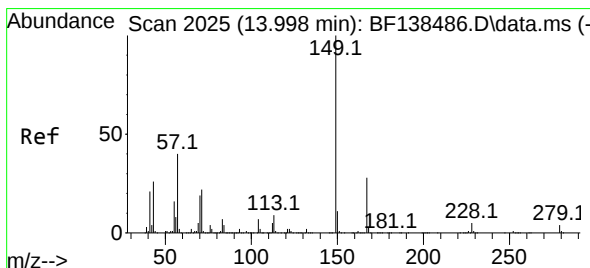
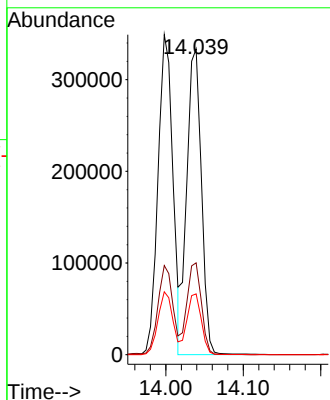
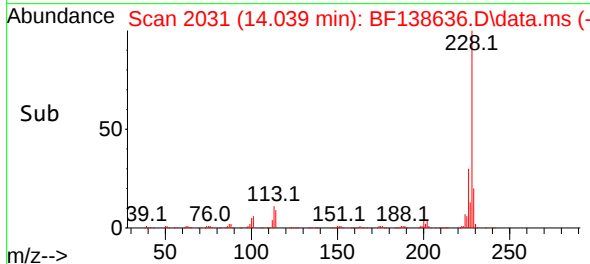
Instrument :
BNA_F
ClientSampleId :
PB162224BS



Tgt Ion:228 Resp: 436610
Ion Ratio Lower Upper
228 100
226 30.0 24.4 36.6
229 19.9 16.0 24.0

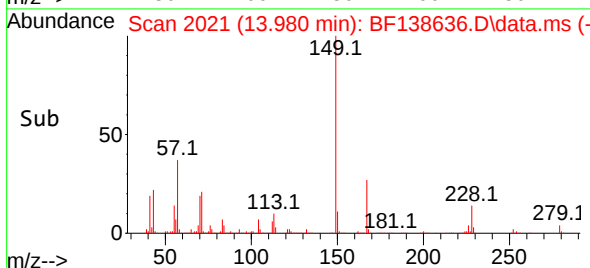
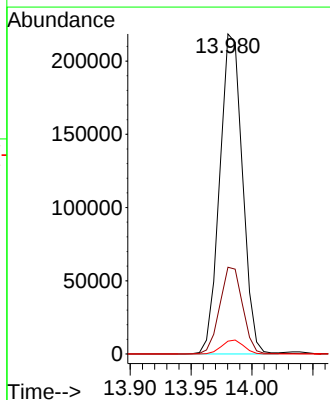
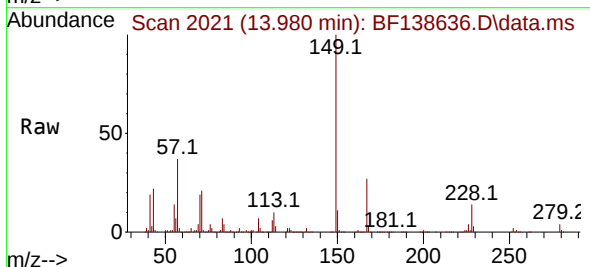
Manual Integrations
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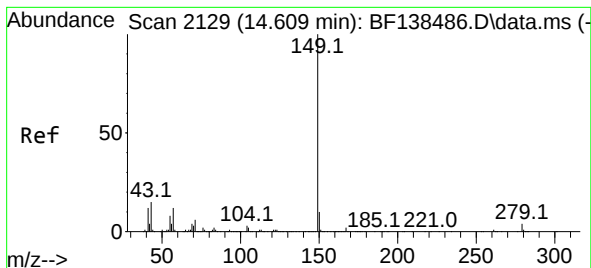
Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 59.389 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.017 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Tgt Ion:149 Resp: 284541
Ion Ratio Lower Upper
149 100
167 27.1 22.5 33.7
279 4.0 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 61.778 ng

RT: 14.592 min Scan# 2125

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

Tgt Ion:149 Resp: 467592

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

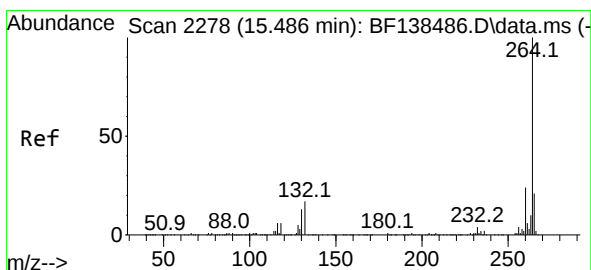
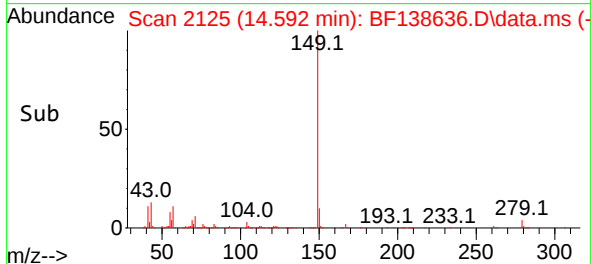
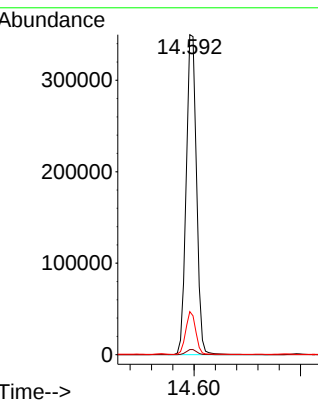
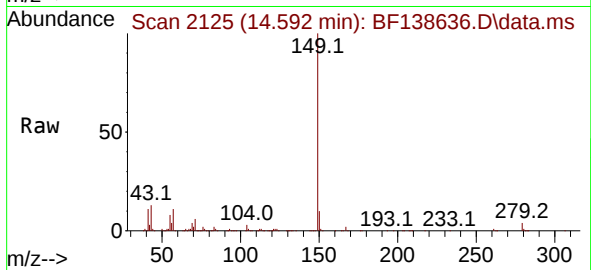
43 13.0 10.7 16.1

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Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2274

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

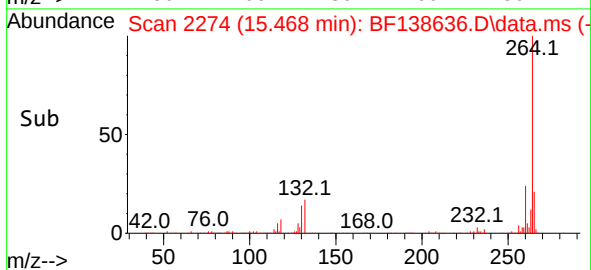
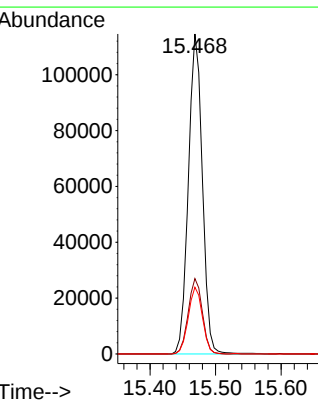
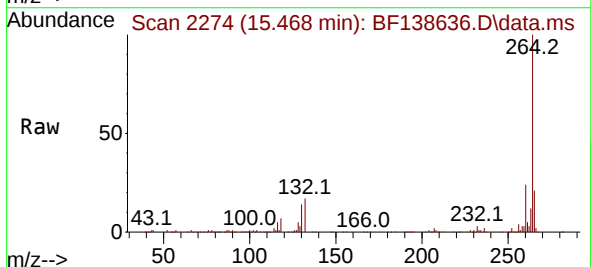
Tgt Ion:264 Resp: 170250

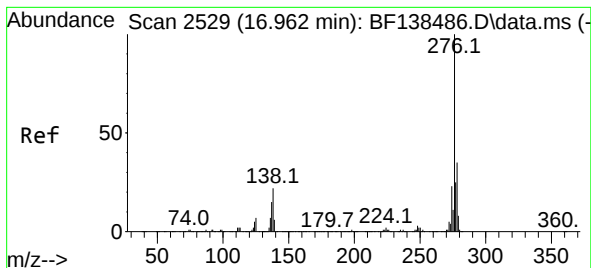
Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 20.9 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.768 ng

RT: 16.945 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

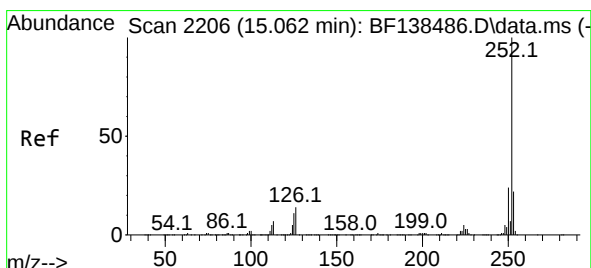
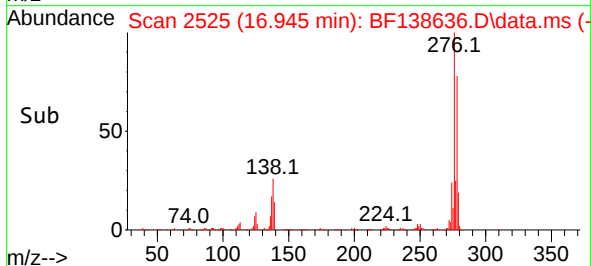
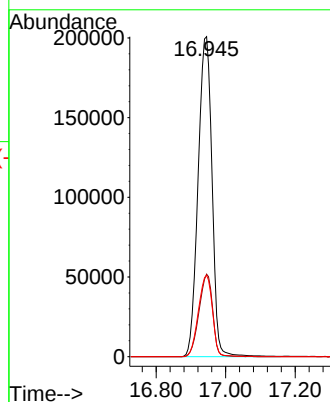
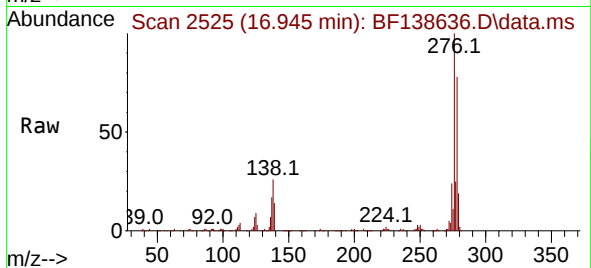
ClientSampleId :

PB162224BS

Tgt Ion:276 Resp: 557694
 Ion Ratio Lower Upper
 276 100
 138 25.2 19.6 29.4
 277 25.6 20.5 30.7

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Reviewed By :Yogesh Patel 07/25/2024
 Supervised By :mohammad ahmed 07/25/2024



#88

Benzo(b)fluoranthene

Concen: 50.141 ng

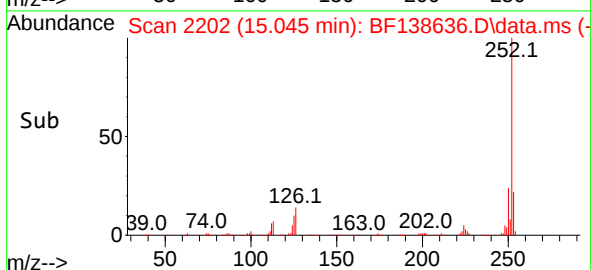
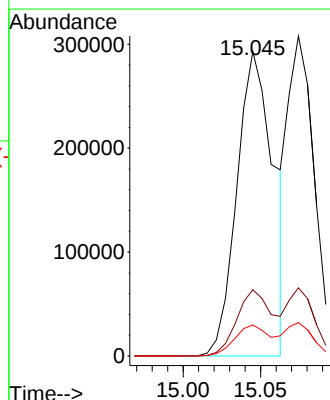
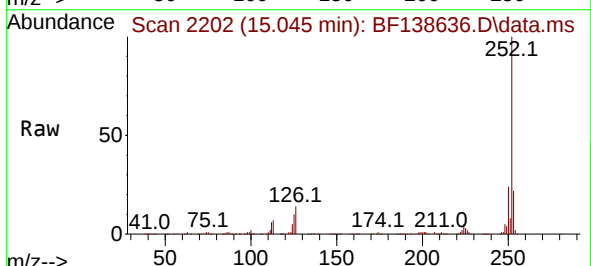
RT: 15.045 min Scan# 2202

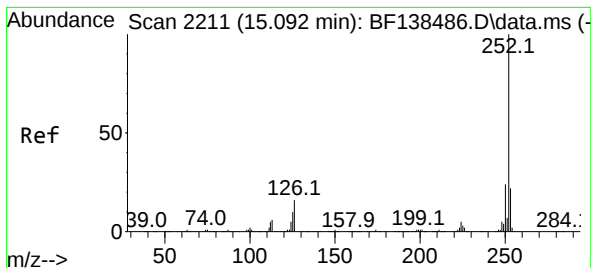
Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Tgt Ion:252 Resp: 480748
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 10.2 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 39.311 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

PB162224BS

Tgt Ion:252 Resp: 36760

Ion Ratio Lower Upper

252 100

253 21.3 17.7 26.5

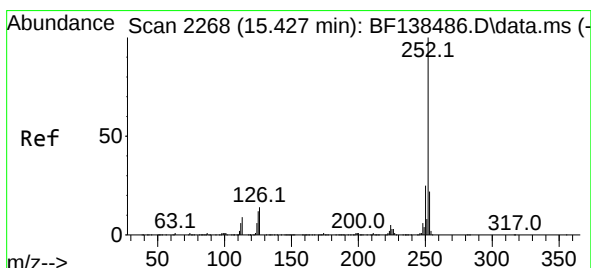
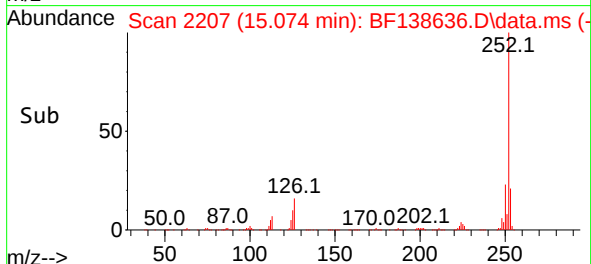
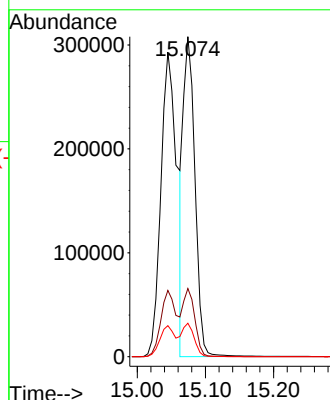
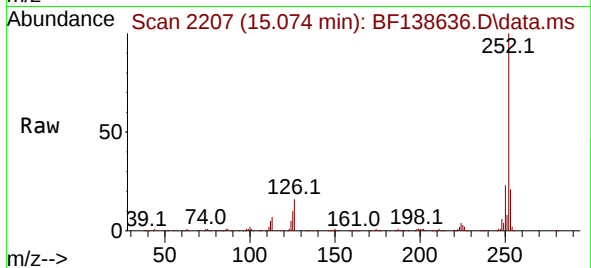
125 10.5 8.1 12.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/25/2024

Supervised By :mohammad ahmed 07/25/2024



#90

Benzo(a)pyrene

Concen: 48.873 ng

RT: 15.410 min Scan# 2264

Delta R.T. -0.017 min

Lab File: BF138636.D

Acq: 24 Jul 2024 13:02

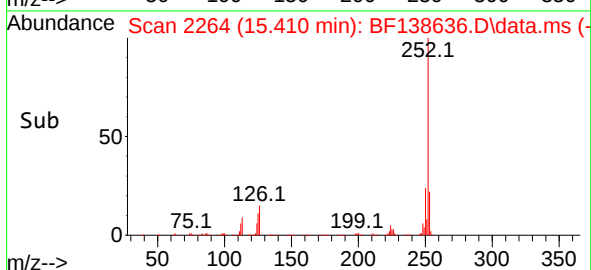
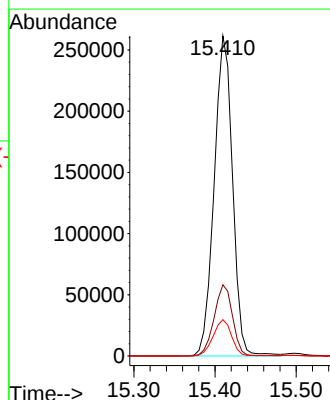
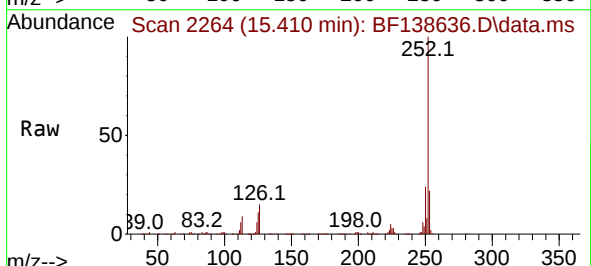
Tgt Ion:252 Resp: 411643

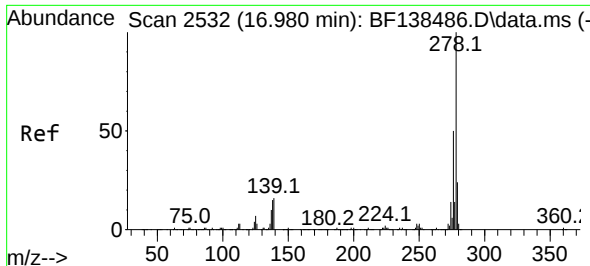
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.0

125 11.3 9.4 14.2





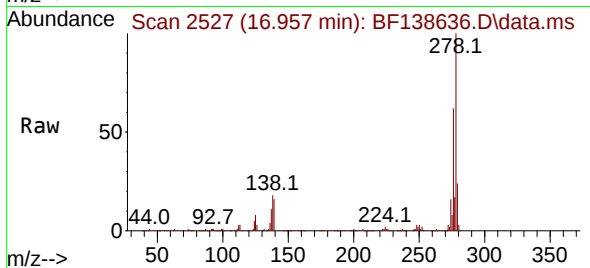
#91
Dibenzo(a,h)anthracene
Concen: 47.860 ng
RT: 16.957 min Scan# 2527
Delta R.T. -0.023 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02

Instrument :

BNA_F

ClientSampleId :

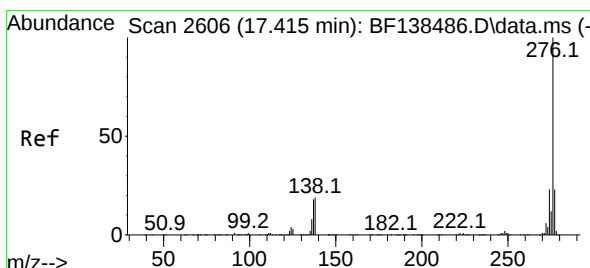
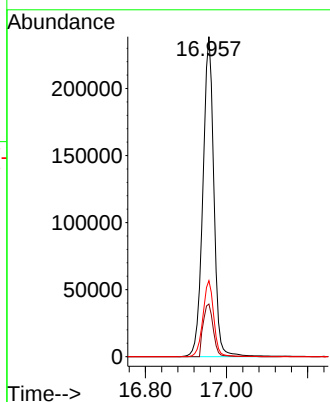
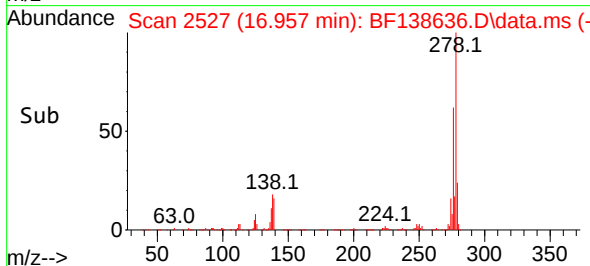
PB162224BS



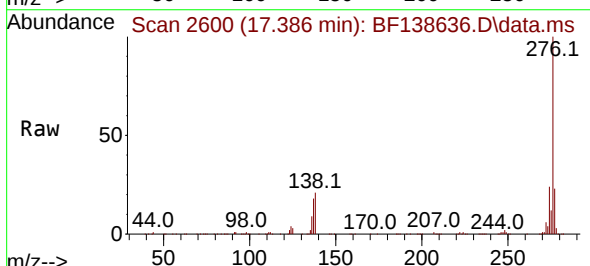
Tgt Ion:278 Resp: 44770
Ion Ratio Lower Upper
278 100
139 16.5 12.8 19.2
279 23.7 19.1 28.7

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 07/25/2024
Supervised By :mohammad ahmed 07/25/2024



#92
Benzo(g,h,i)perylene
Concen: 43.752 ng
RT: 17.386 min Scan# 2600
Delta R.T. -0.029 min
Lab File: BF138636.D
Acq: 24 Jul 2024 13:02



Tgt Ion:276 Resp: 433998
Ion Ratio Lower Upper
276 100
277 23.4 18.0 27.0
138 21.3 15.5 23.3

