

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF080924\
 Data File : BF138886.D
 Acq On : 09 Aug 2024 13:25
 Operator : RC/JU
 Sample : PB162489BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162489BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024

Quant Time: Aug 09 13:56:06 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF073024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 30 17:50:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	55937	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	237308	20.000	ng	0.00
39) Acenaphthene-d10	9.881	164	135700	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	232367	20.000	ng	0.00
76) Chrysene-d12	14.004	240	113862	20.000	ng	0.00
86) Perylene-d12	15.463	264	96864	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	471812	130.202	ng	0.02
7) Phenol-d6	6.493	99	628804	129.246	ng	0.00
23) Nitrobenzene-d5	7.410	82	412816	85.050	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	154182	138.707	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	784869	86.902	ng	0.00
79) Terphenyl-d14	12.945	244	791548	116.392	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	47828	30.148	ng	97
3) Pyridine	3.463	79	124988	32.523	ng	96
4) n-Nitrosodimethylamine	3.434	42	116301	50.811	ng	84
6) Aniline	6.510	93	143736	33.128	ng	# 16
8) 2-Chlorophenol	6.634	128	185399	48.629	ng	98
9) Benzaldehyde	6.398	77	113590	38.948	ng	99
10) Phenol	6.510	94	243290	47.495	ng	86
11) bis(2-Chloroethyl)ether	6.581	93	174011	44.144	ng	100
12) 1,3-Dichlorobenzene	6.781	146	185110	43.375	ng	98
13) 1,4-Dichlorobenzene	6.857	146	192246	44.637	ng	99
14) 1,2-Dichlorobenzene	7.010	146	185605	46.113	ng	99
15) Benzyl Alcohol	6.993	79	178912	51.022	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	295135	43.506	ng	# 47
17) 2-Methylphenol	7.110	107	149237	47.404	ng	# 86
18) Hexachloroethane	7.345	117	73829	45.540	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	144362	49.128	ng	98
20) 3+4-Methylphenols	7.263	107	201207	49.813	ng	# 79
22) Acetophenone	7.257	105	256780	44.193	ng	98
24) Nitrobenzene	7.434	77	215325	43.596	ng	99
25) Isophorone	7.669	82	383539	46.276	ng	98
26) 2-Nitrophenol	7.745	139	98435	46.324	ng	95
27) 2,4-Dimethylphenol	7.787	122	127315	50.076	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	223265	44.236	ng	99
29) 2,4-Dichlorophenol	7.992	162	159462	48.810	ng	99
30) 1,2,4-Trichlorobenzene	8.063	180	168771	44.765	ng	99
31) Naphthalene	8.145	128	553254	44.292	ng	100
32) Benzoic acid	7.945	122	72059	36.056	ng	97
33) 4-Chloroaniline	8.198	127	88100	21.011	ng	98
34) Hexachlorobutadiene	8.257	225	100753	44.120	ng	100
35) Caprolactam	8.592	113	40480m	41.525	ng	
36) 4-Chloro-3-methylphenol	8.698	107	181168	48.523	ng	99
37) 2-Methylnaphthalene	8.834	142	367005	46.522	ng	99
38) 1-Methylnaphthalene	8.934	142	337008	43.596	ng	97
40) 1,2,4,5-Tetrachloroben...	9.004	216	158491	42.045	ng	99
41) Hexachlorocyclopentadiene	8.981	237	106892	104.770	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	104792	45.594	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	111079	44.209	ng	99
46) 1,1'-Biphenyl	9.298	154	439384	41.343	ng	100
47) 2-Chloronaphthalene	9.328	162	348295	44.064	ng	99
48) 2-Nitroaniline	9.434	65	124915	46.616	ng	99
49) Acenaphthylene	9.739	152	542094	48.356	ng	99
50) Dimethylphthalate	9.604	163	420510	48.463	ng	99
51) 2,6-Dinitrotoluene	9.675	165	89961	45.941	ng	93
52) Acenaphthene	9.916	154	327605	43.472	ng	99
53) 3-Nitroaniline	9.845	138	60421	29.847	ng	96
54) 2,4-Dinitrophenol	9.963	184	82333	91.337	ng	86
55) Dibenzofuran	10.086	168	493467	46.388	ng	99
56) 4-Nitrophenol	10.028	139	94576	77.691	ng	90
57) 2,4-Dinitrotoluene	10.081	165	121596	48.671	ng	# 80
58) Fluorene	10.428	166	404622	47.764	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	98092	51.065	ng	98
60) Diethylphthalate	10.304	149	418528	50.872	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	197585	47.424	ng	96
62) 4-Nitroaniline	10.469	138	82366	42.815	ng	90
63) Azobenzene	10.581	77	433986	47.562	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	68786	48.522	ng	97
66) n-Nitrosodiphenylamine	10.539	169	341567	47.026	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	118122	46.952	ng	99
68) Hexachlorobenzene	10.975	284	120407	46.353	ng	99
69) Atrazine	11.069	200	102669	54.788	ng	98
70) Pentachlorophenol	11.181	266	87959	75.124	ng	95
71) Phenanthrene	11.392	178	572137	47.817	ng	100
72) Anthracene	11.445	178	577450	48.989	ng	100
73) Carbazole	11.598	167	475209	46.729	ng	99
74) Di-n-butylphthalate	11.922	149	637976	55.806	ng	100
75) Fluoranthene	12.575	202	545597	48.844	ng	99
77) Benzidine	12.698	184	35679	13.101	ng	97
78) Pyrene	12.810	202	537177	50.108	ng	100
80) Butylbenzylphthalate	13.416	149	194726	56.722	ng	97
81) Benzo(a)anthracene	13.992	228	367975	46.931	ng	99
82) 3,3'-Dichlorobenzidine	13.951	252	67353	33.568	ng	99
83) Chrysene	14.033	228	341211	48.235	ng	100
84) Bis(2-ethylhexyl)phtha...	13.969	149	233665	46.482	ng	99
85) Di-n-octyl phthalate	14.580	149	361869	38.907	ng	99
87) Indeno(1,2,3-cd)pyrene	16.945	276	327506	47.180	ng	96
88) Benzo(b)fluoranthene	15.039	252	292630	48.734	ng	98
89) Benzo(k)fluoranthene	15.069	252	298698	57.454	ng	98
90) Benzo(a)pyrene	15.404	252	267903	53.042	ng	98
91) Dibenzo(a,h)anthracene	16.951	278	266048	46.690	ng	98
92) Benzo(g,h,i)perylene	17.386	276	243369	41.158	ng	95

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

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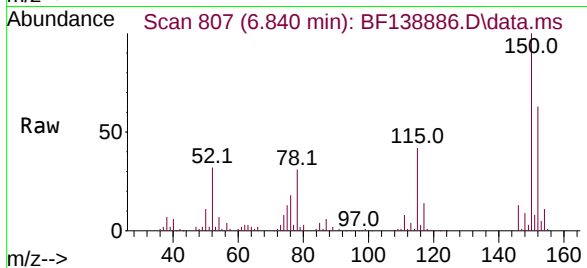
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

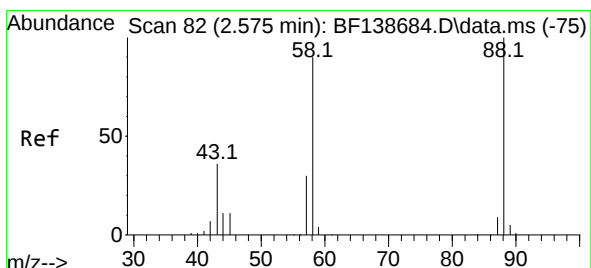
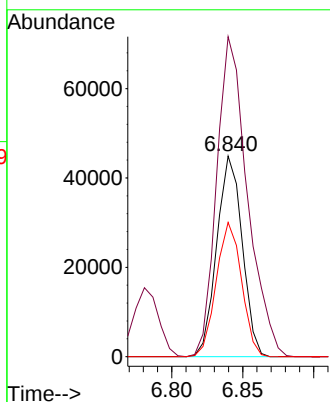
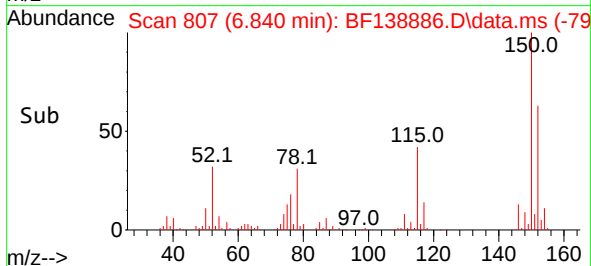
PB162489BS



Tgt Ion:152 Resp: 5593
Ion Ratio Lower Upper
152 100
150 159.5 126.0 189.0
115 66.9 51.7 77.5

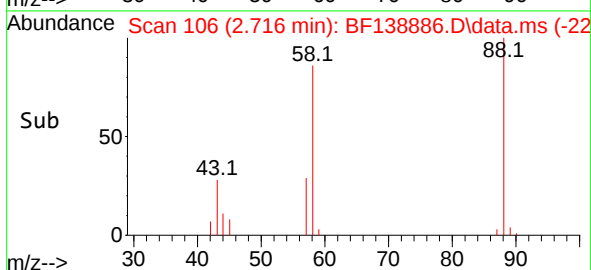
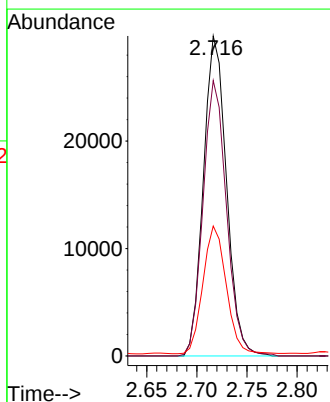
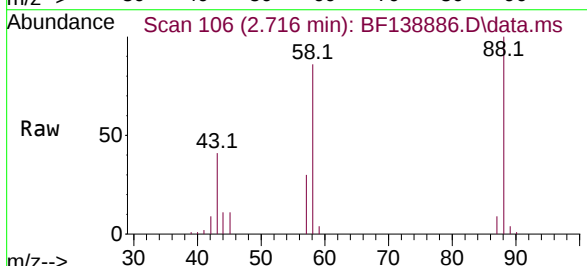
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Supervised By :mohammad ahmed 08/12/2024



#2
1,4-Dioxane
Concen: 30.148 ng
RT: 2.716 min Scan# 106
Delta R.T. 0.141 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion: 88 Resp: 47828
Ion Ratio Lower Upper
88 100
58 87.6 71.6 107.4
43 40.0 28.7 43.1





#3

Pyridine

Concen: 32.523 ng

RT: 3.463 min Scan# 211

Delta R.T. 0.130 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

Tgt Ion: 79 Resp: 12498

Ion Ratio Lower Upper

79 100

52 94.7 74.7 112.1

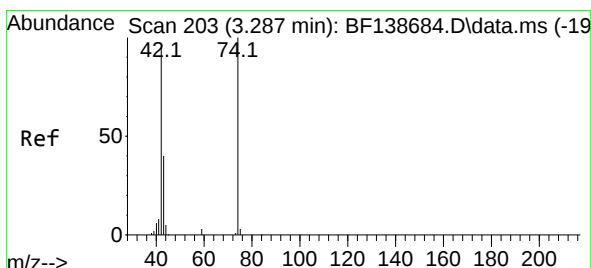
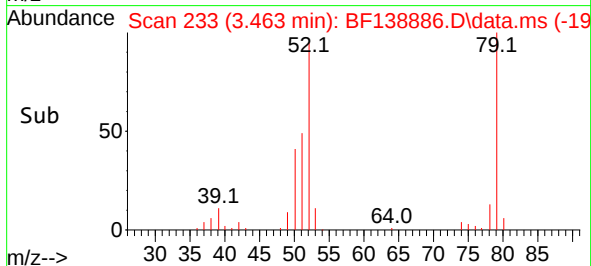
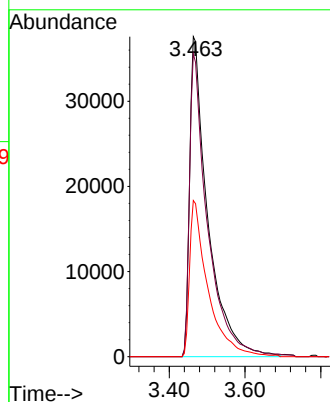
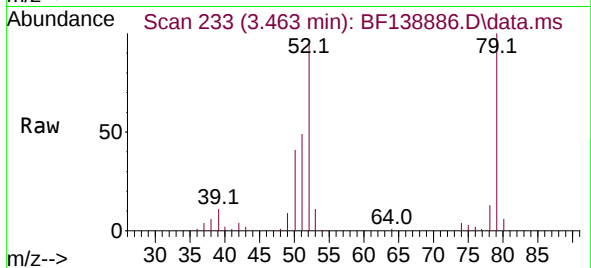
51 48.8 34.6 51.8

Manual Integrations

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Supervised By :mohammad ahmed 08/12/2024



#4

n-Nitrosodimethylamine

Concen: 50.811 ng

RT: 3.434 min Scan# 228

Delta R.T. 0.147 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

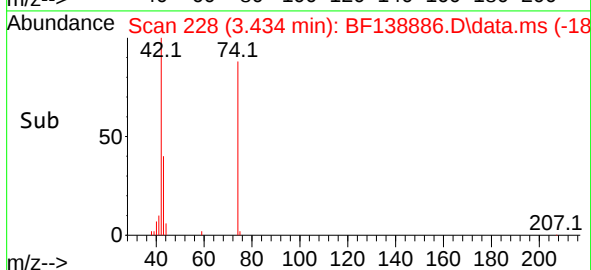
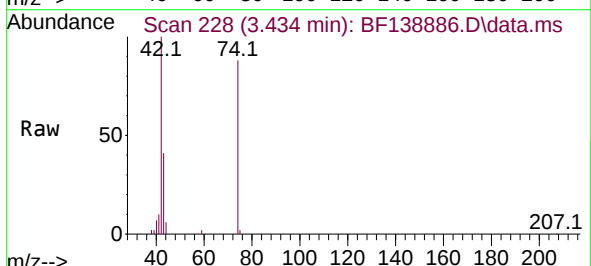
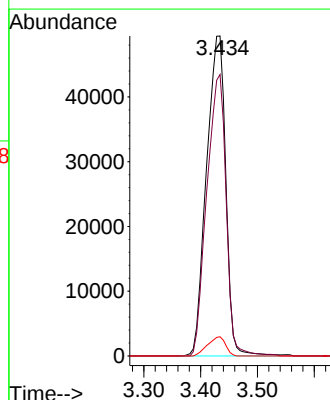
Tgt Ion: 42 Resp: 116301

Ion Ratio Lower Upper

42 100

74 87.9 84.2 126.4

44 6.0 4.9 7.3





#5
2-Fluorophenol
Concen: 130.202 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

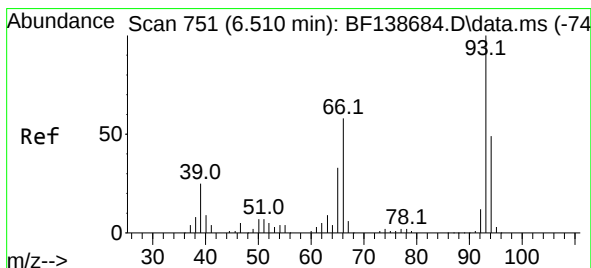
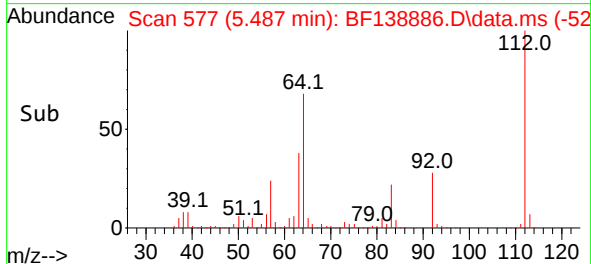
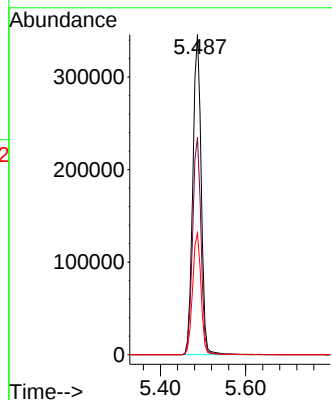
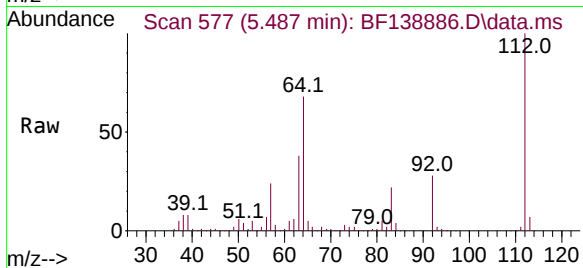
PB162489BS

Tgt Ion:112 Resp: 47181
Ion Ratio Lower Upper
112 100
64 67.9 54.2 81.4
63 38.0 28.7 43.1

Manual Integrations

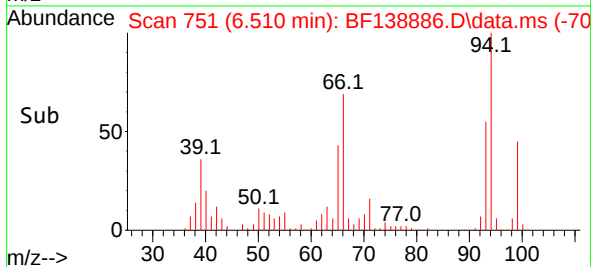
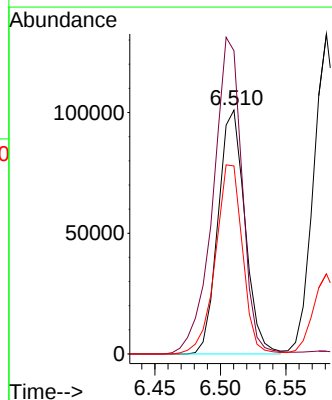
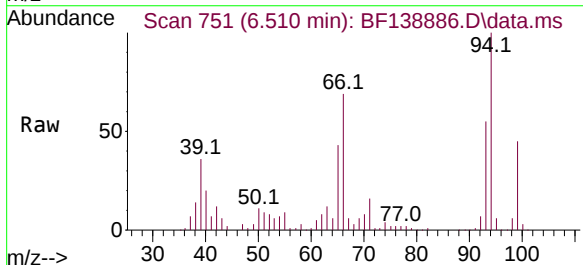
APPROVED

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#6
Aniline
Concen: 33.128 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion: 93 Resp: 143736
Ion Ratio Lower Upper
93 100
66 124.3 46.9 70.3#
65 77.1 26.5 39.7#





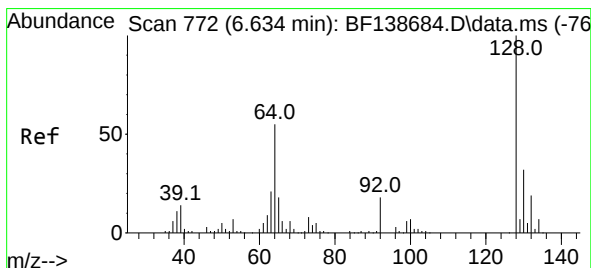
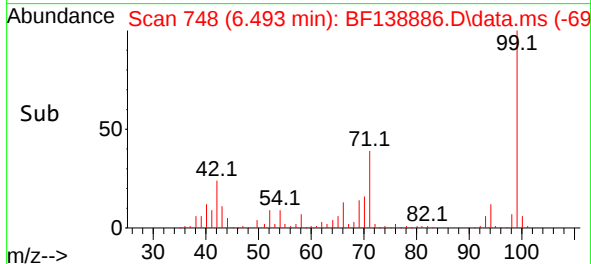
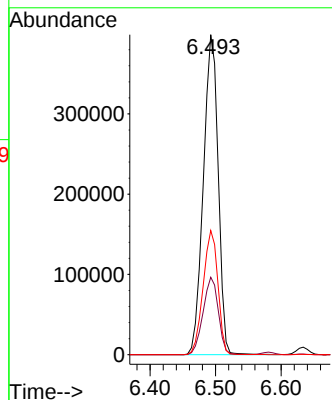
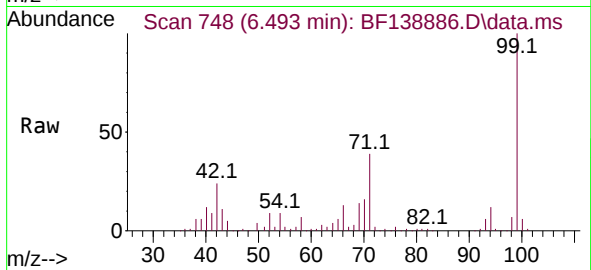
#7
Phenol-d6
Concen: 129.246 ng
RT: 6.493 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :
BNA_F
ClientSampleId :
PB162489BS

Tgt Ion: 99 Resp: 628804
Ion Ratio Lower Upper
99 100
42 24.2 17.4 26.0
71 38.8 28.1 42.1

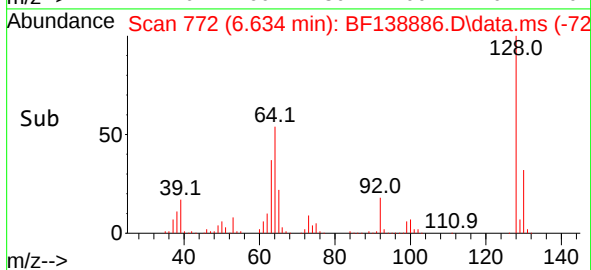
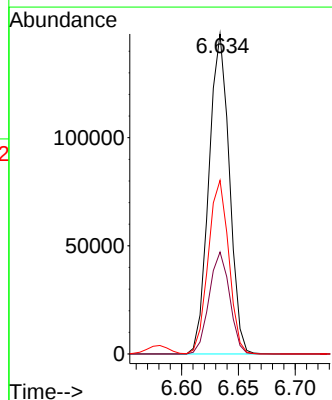
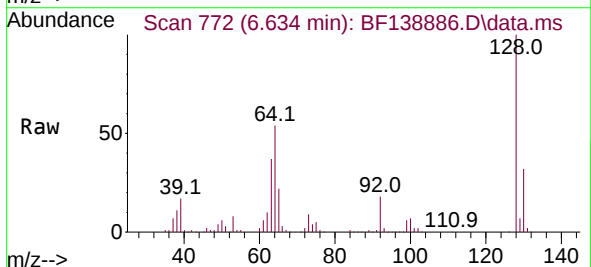
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#8
2-Chlorophenol
Concen: 48.629 ng
RT: 6.634 min Scan# 772
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:128 Resp: 185399
Ion Ratio Lower Upper
128 100
130 31.9 12.0 52.0
64 54.3 36.3 76.3





#9

Benzaldehyde

Concen: 38.948 ng

RT: 6.398 min Scan# 711

Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

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Tgt Ion: 77 Resp: 113590

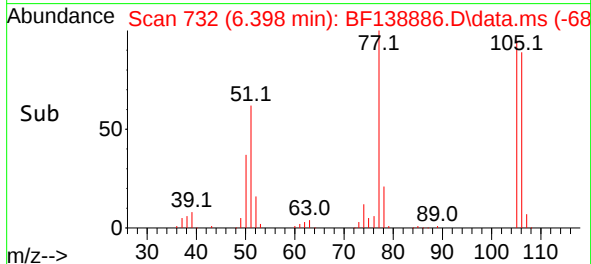
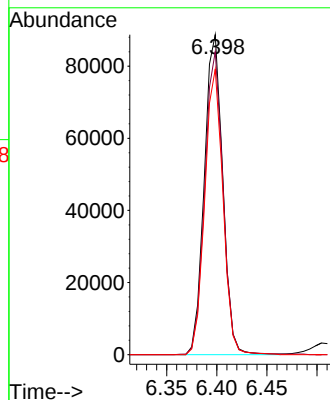
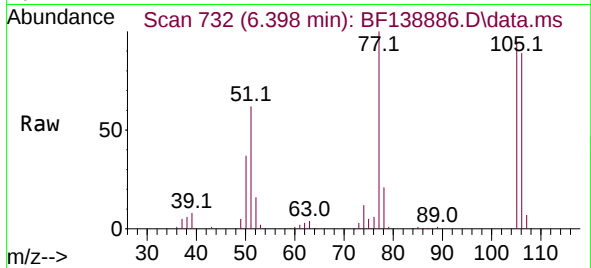
Ion	Ratio	Lower	Upper
77	100		
105	94.7	72.9	112.9
106	89.2	68.4	108.4

Manual Integrations

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#10

Phenol

Concen: 47.495 ng

RT: 6.510 min Scan# 751

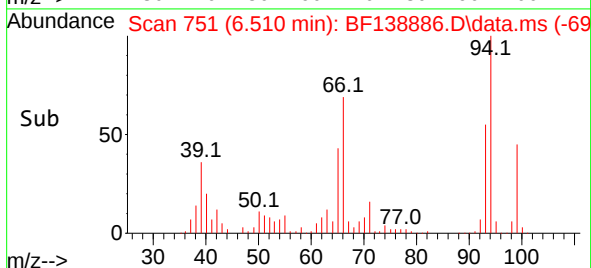
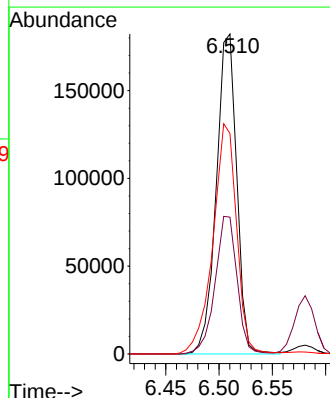
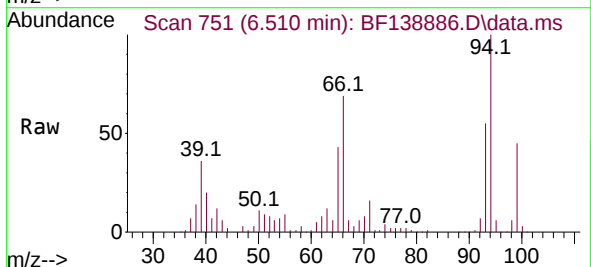
Delta R.T. 0.012 min

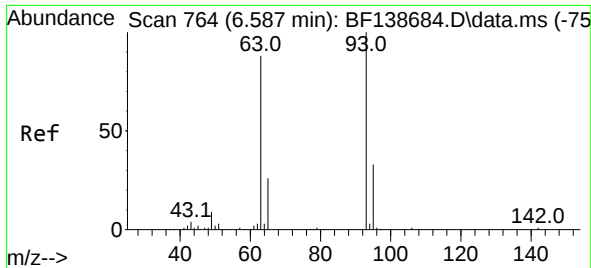
Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Tgt Ion: 94 Resp: 243290

Ion	Ratio	Lower	Upper
94	100		
65	42.7	16.9	56.9
66	68.9	36.5	76.5





#11
bis(2-Chloroethyl)ether
Concen: 44.144 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138886.D
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Instrument :

BNA_F

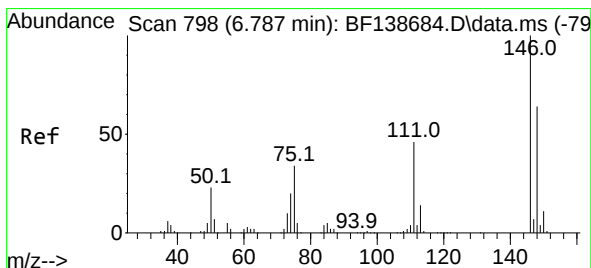
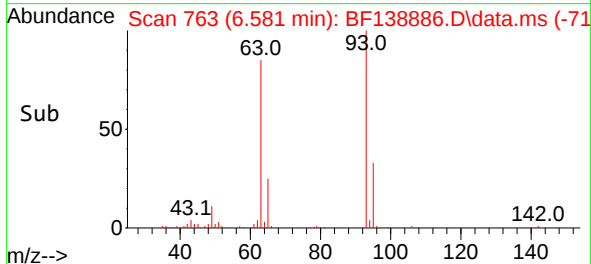
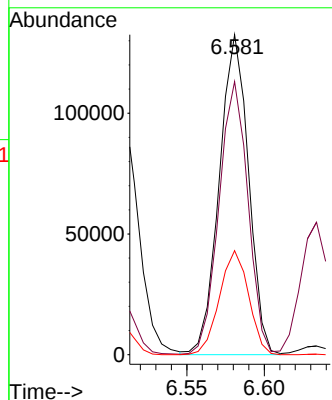
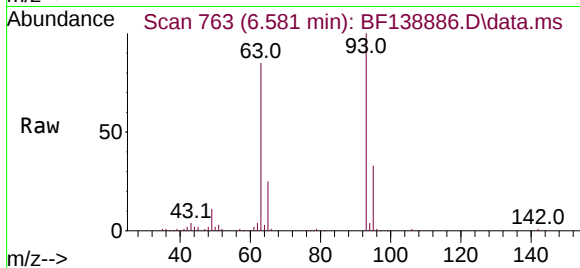
ClientSampleId :

PB162489BS

Tgt Ion: 93 Resp: 17401
Ion Ratio Lower Upper
93 100
63 85.4 65.3 105.3
95 32.5 12.4 52.4

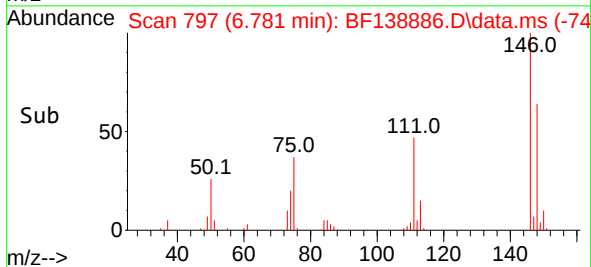
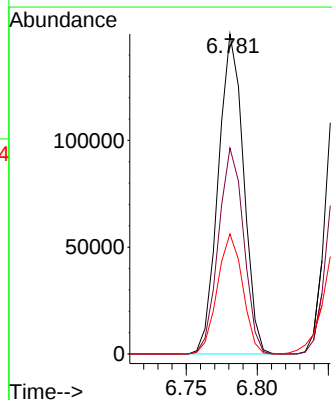
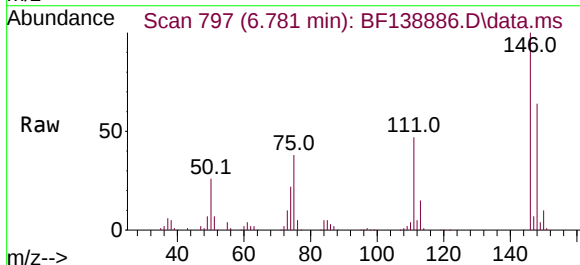
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#12
1,3-Dichlorobenzene
Concen: 43.375 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:146 Resp: 185110
Ion Ratio Lower Upper
146 100
148 64.4 51.2 76.8
75 37.5 27.4 41.2





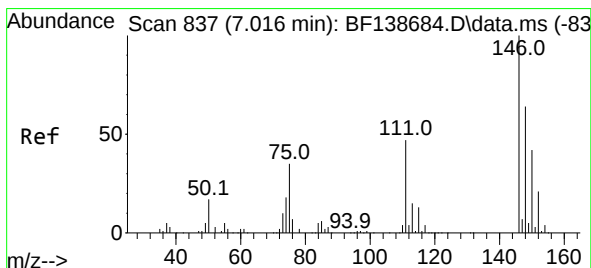
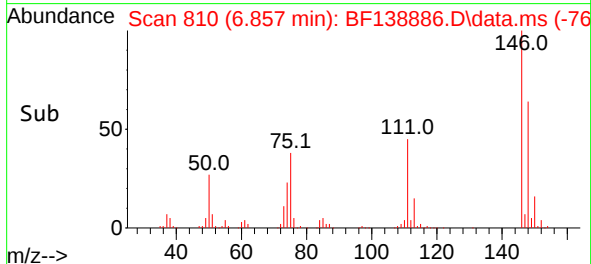
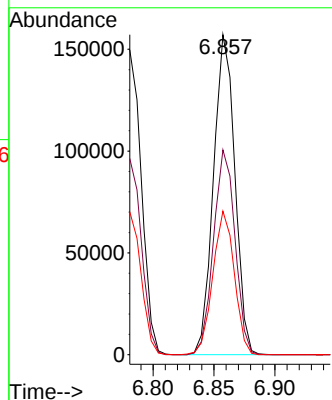
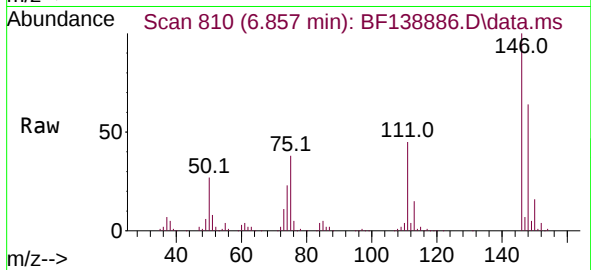
#13
1,4-Dichlorobenzene
Concen: 44.637 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :
BNA_F
ClientSampleId :
PB162489BS

Tgt Ion:146 Resp: 192240
Ion Ratio Lower Upper
146 100
148 64.0 50.2 75.2
111 44.8 35.9 53.9

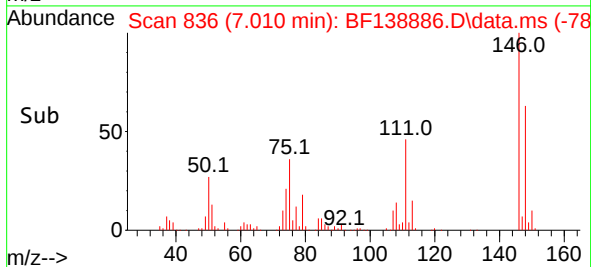
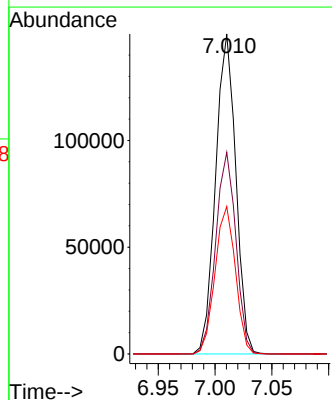
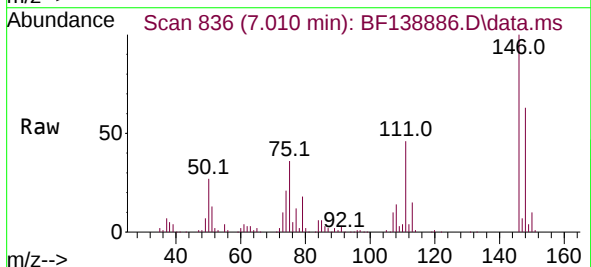
Manual Integrations
APPROVED

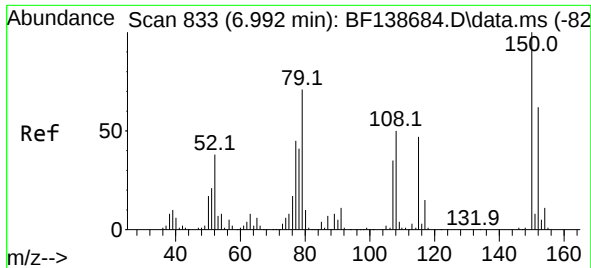
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#14
1,2-Dichlorobenzene
Concen: 46.113 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

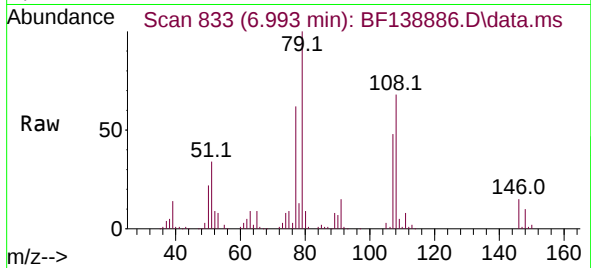
Tgt Ion:146 Resp: 185605
Ion Ratio Lower Upper
146 100
148 63.0 50.8 76.2
111 46.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 51.022 ng
RT: 6.993 min Scan# 811
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

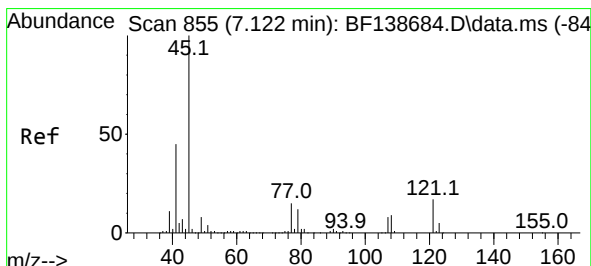
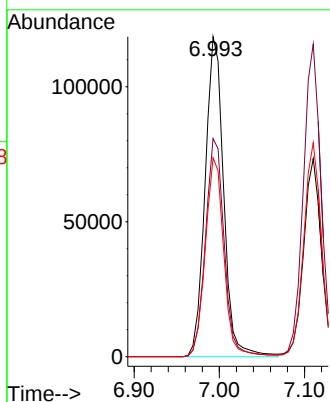
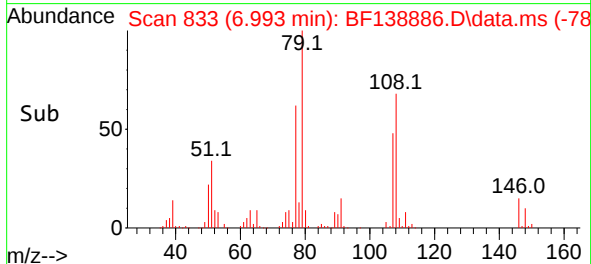
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion: 79 Resp: 178912
Ion Ratio Lower Upper
79 100
108 68.2 56.6 85.0
77 62.2 50.3 75.5

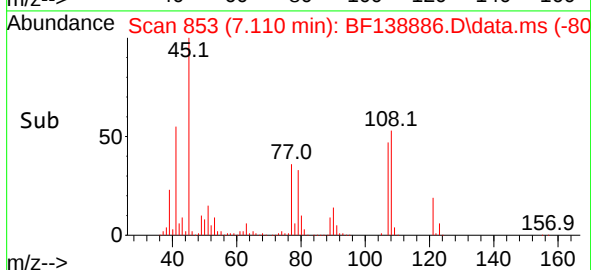
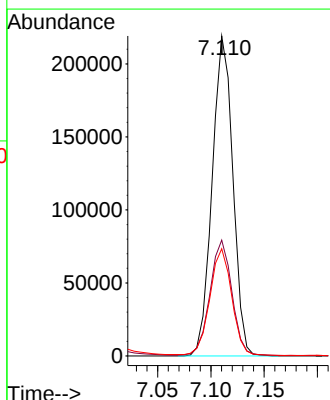
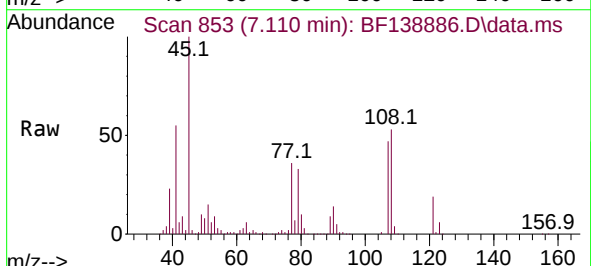
Manual Integrations
APPROVED

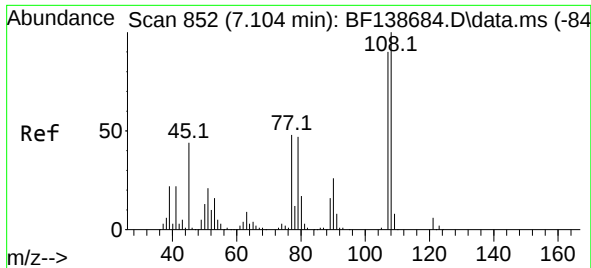
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.506 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion: 45 Resp: 295135
Ion Ratio Lower Upper
45 100
77 36.2 0.0 34.9#
79 33.5 0.0 32.2#





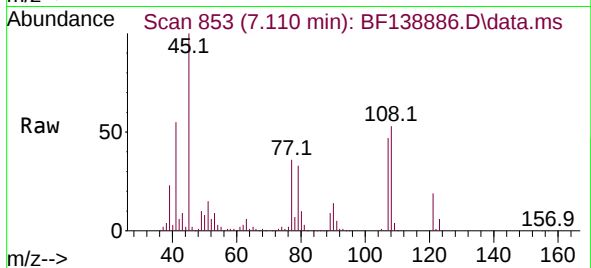
#17
2-Methylphenol
Concen: 47.404 ng
RT: 7.110 min Scan# 853
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

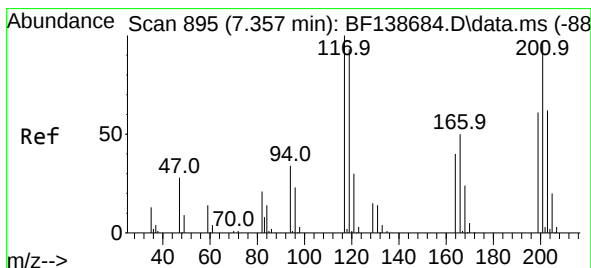
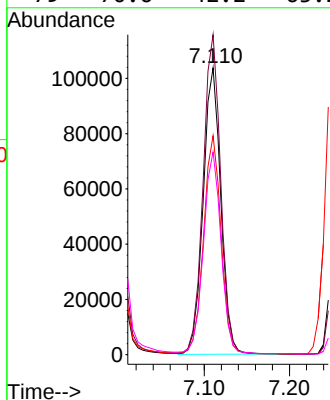
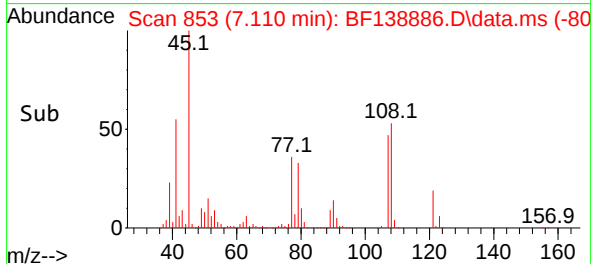


Tgt Ion:107 Resp: 14923
Ion Ratio Lower Upper
107 100
108 111.5 89.2 133.8
77 76.3 43.0 64.4
79 70.6 42.2 63.2

Manual Integrations

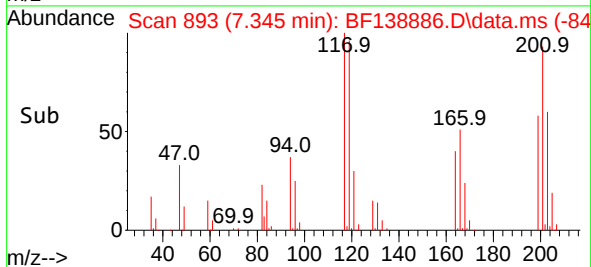
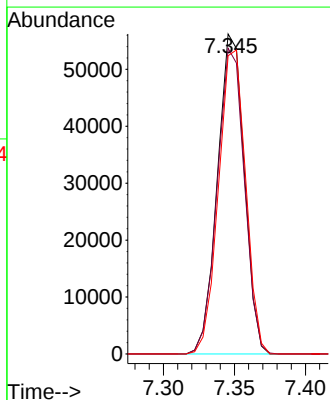
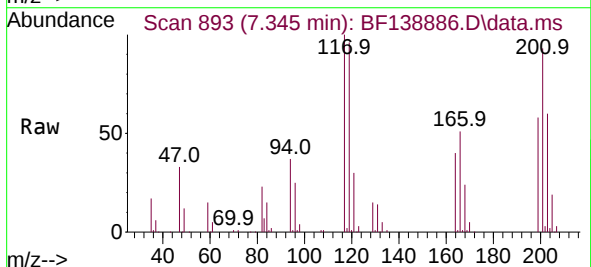
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#18
Hexachloroethane
Concen: 45.540 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:117 Resp: 73829
Ion Ratio Lower Upper
117 100
119 95.5 74.6 111.8
201 93.2 77.2 115.8





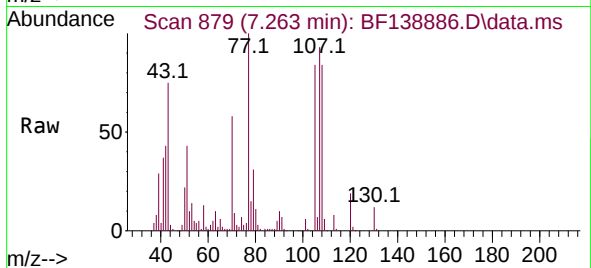
#19
n-Nitroso-di-n-propylamine
Concen: 49.128 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

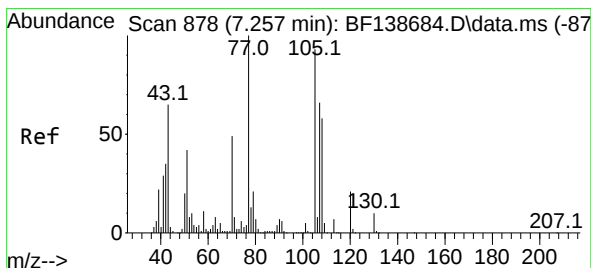
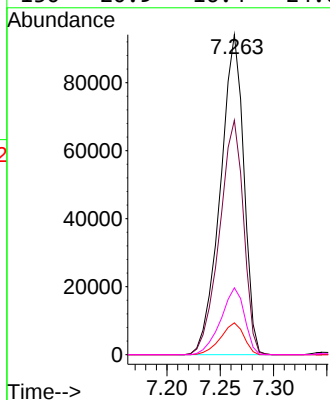
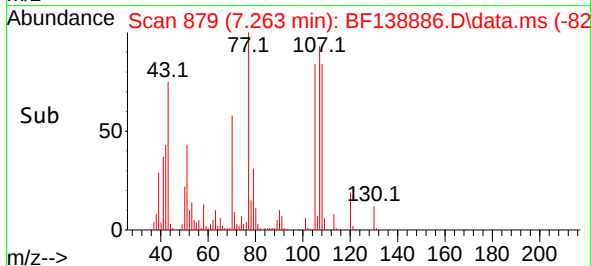
PB162489BS



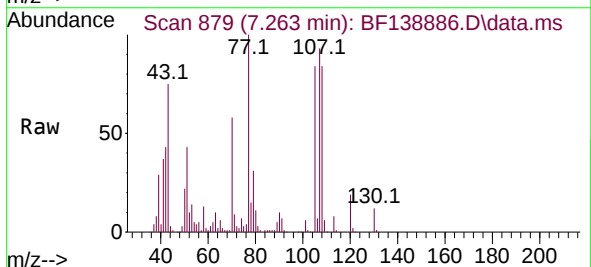
Tgt Ion: 70 Resp: 144362
Ion Ratio Lower Upper
70 100
42 73.3 57.4 86.0
101 10.0 7.5 11.3
130 20.9 16.4 24.6

Manual Integrations
APPROVED

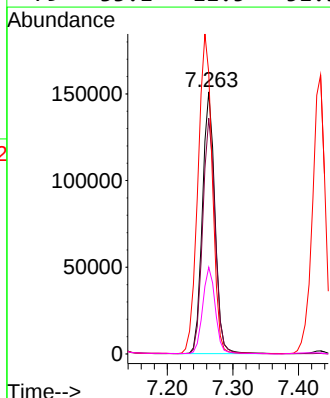
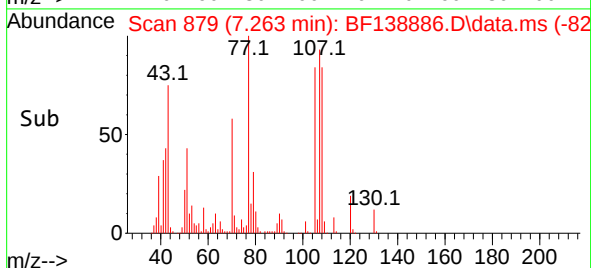
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

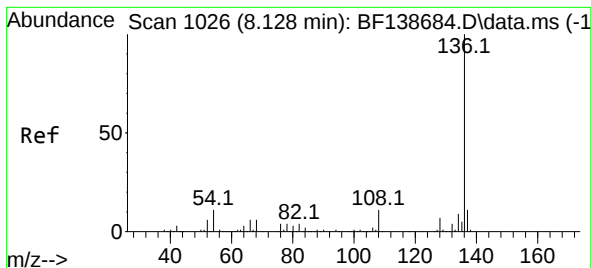


#20
3+4-Methylphenols
Concen: 49.813 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:107 Resp: 201207
Ion Ratio Lower Upper
107 100
108 89.9 68.2 108.2
77 107.2 132.1 172.1#
79 33.1 11.5 51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.122 min Scan# 1025

Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

Tgt Ion:136 Resp: 237308

Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 9.8 8.6 12.8

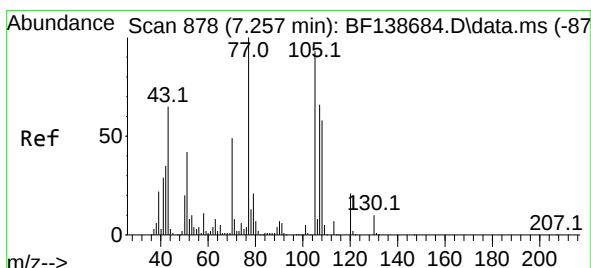
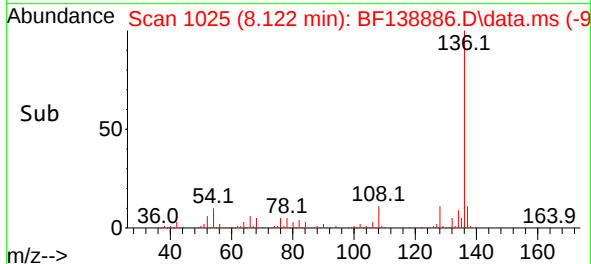
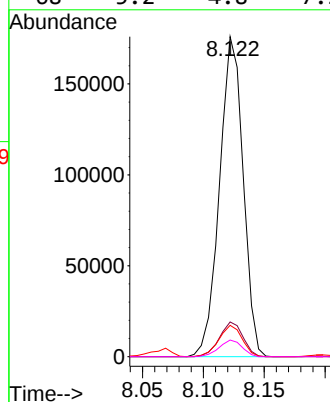
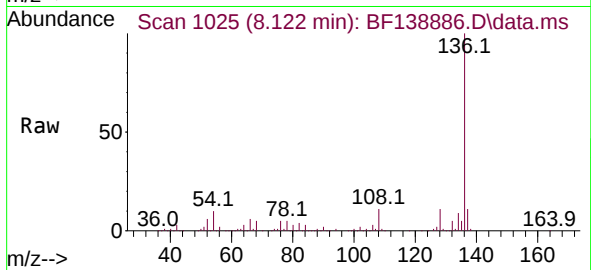
68 5.2 4.8 7.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#22

Acetophenone

Concen: 44.193 ng

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Tgt Ion:105 Resp: 256780

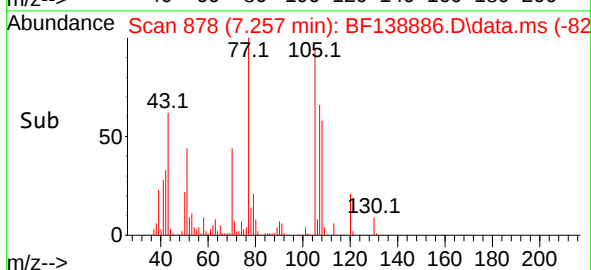
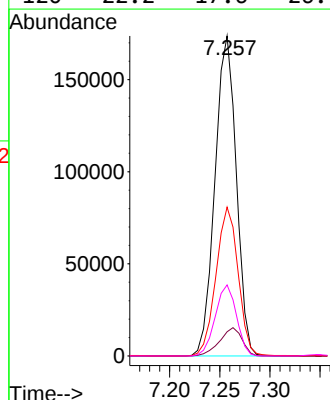
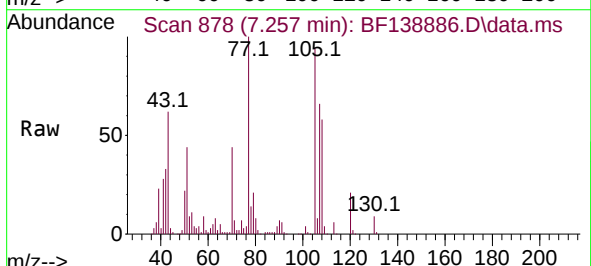
Ion Ratio Lower Upper

105 100

71 7.6 7.2 10.8

51 46.5 35.9 53.9

120 22.2 17.6 26.4





#23

Nitrobenzene-d5

Concen: 85.050 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

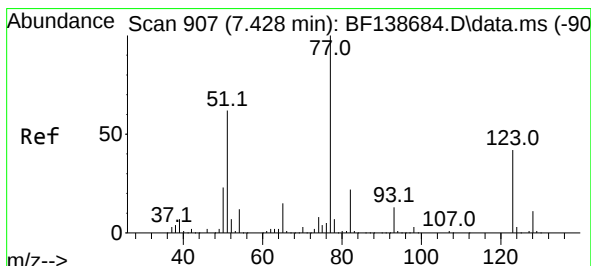
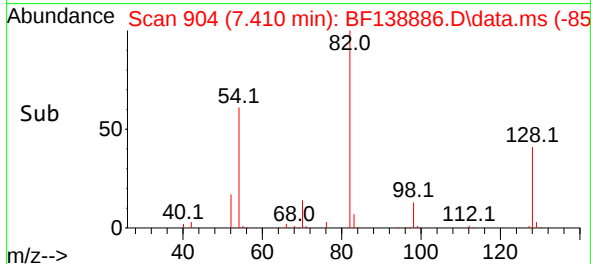
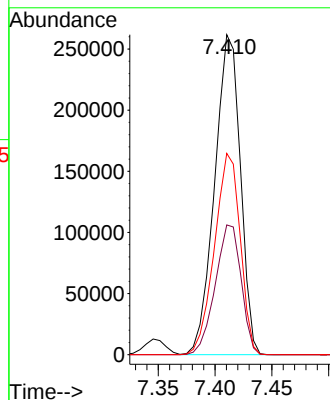
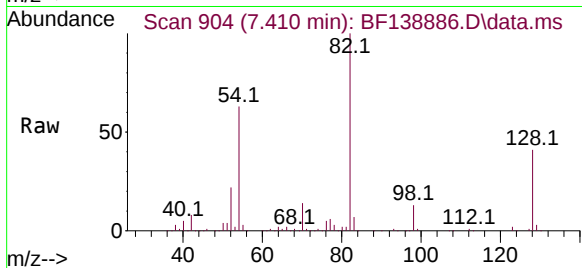
PB162489BS

Tgt Ion: 82 Resp: 412810
 Ion Ratio Lower Upper
 82 100
 128 40.6 32.8 49.2
 54 62.9 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024
 Supervised By :mohammad ahmed 08/12/2024



#24

Nitrobenzene

Concen: 43.596 ng

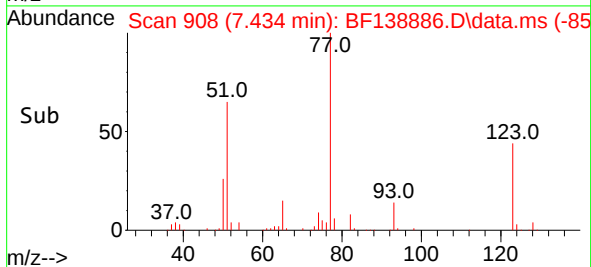
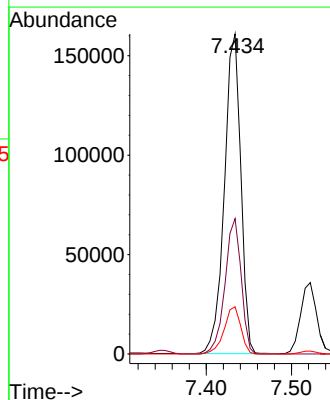
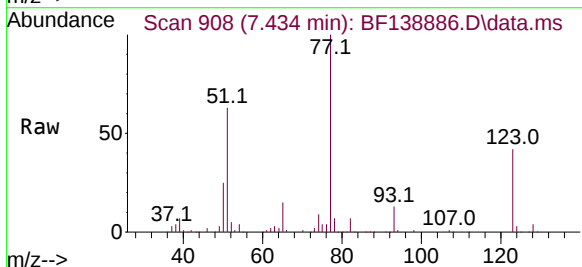
RT: 7.434 min Scan# 908

Delta R.T. 0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

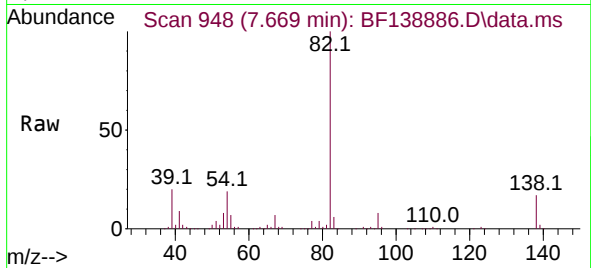
Tgt Ion: 77 Resp: 215325
 Ion Ratio Lower Upper
 77 100
 123 42.3 33.3 49.9
 65 14.8 11.9 17.9





#25
Isophorone
Concen: 46.276 ng
RT: 7.669 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

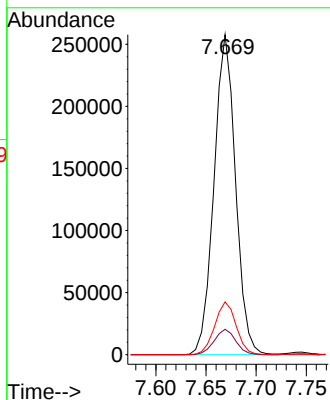
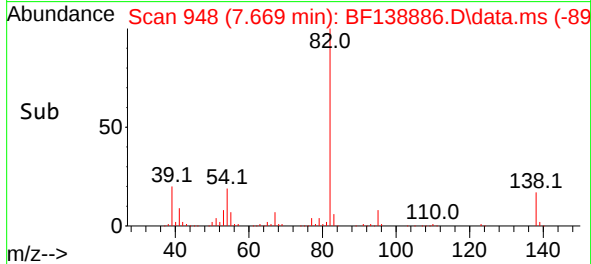
Instrument :
BNA_F
Client Sample Id :
PB162489BS



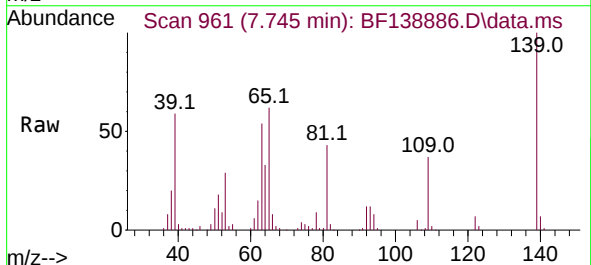
Tgt Ion: 82 Resp: 383539
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 16.5 13.7 20.5

Manual Integrations
APPROVED

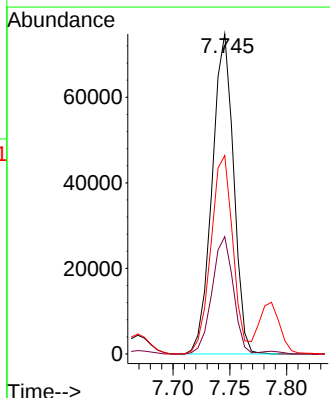
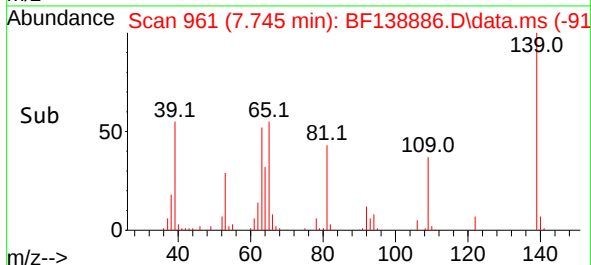
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

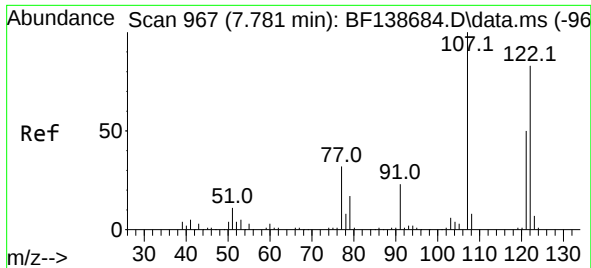


#26
2-Nitrophenol
Concen: 46.324 ng
RT: 7.745 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:139 Resp: 98435
Ion Ratio Lower Upper
139 100
109 36.6 25.9 38.9
65 62.0 47.0 70.6





#27

2,4-Dimethylphenol

Concen: 50.076 ng

RT: 7.787 min Scan# 90

Delta R.T. 0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

Tgt Ion:122 Resp: 12731

Ion Ratio Lower Upper

122 100

107 121.6 95.0 142.6

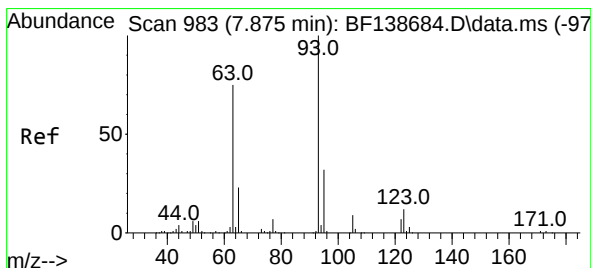
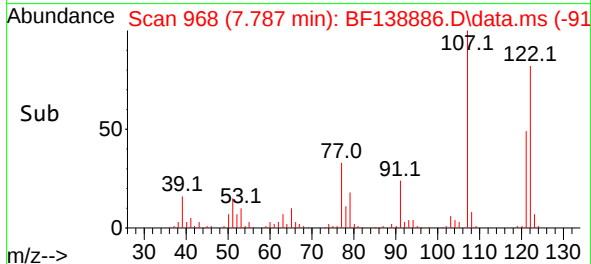
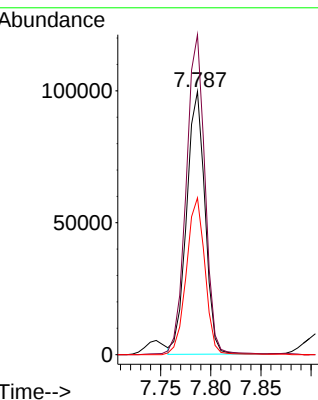
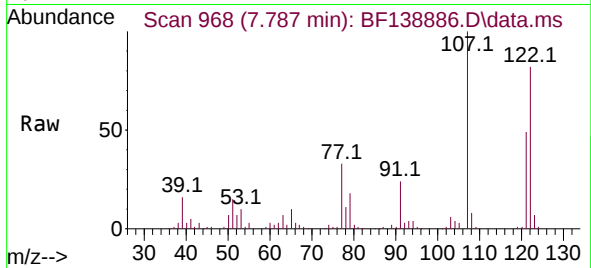
121 59.6 47.3 70.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.236 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

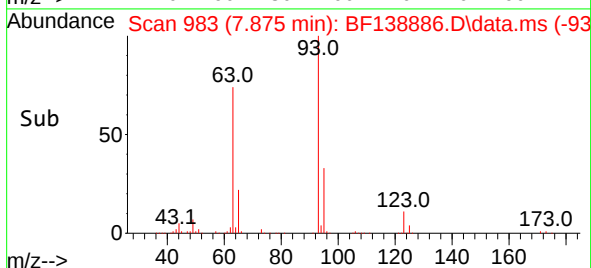
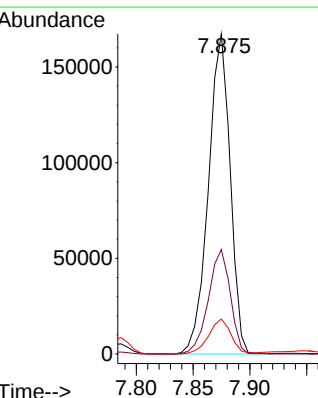
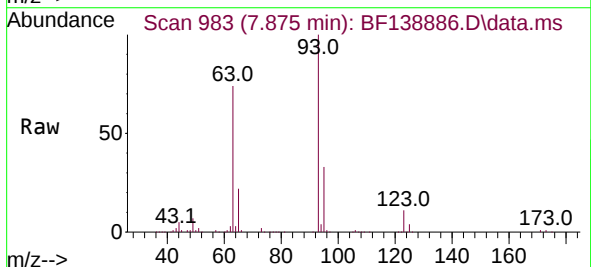
Tgt Ion: 93 Resp: 223265

Ion Ratio Lower Upper

93 100

95 32.6 25.8 38.8

123 10.9 9.4 14.0





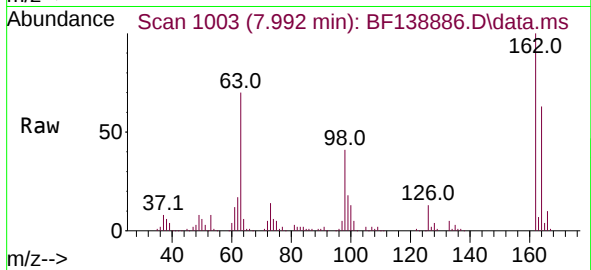
#29
2,4-Dichlorophenol
Concen: 48.810 ng
RT: 7.992 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS



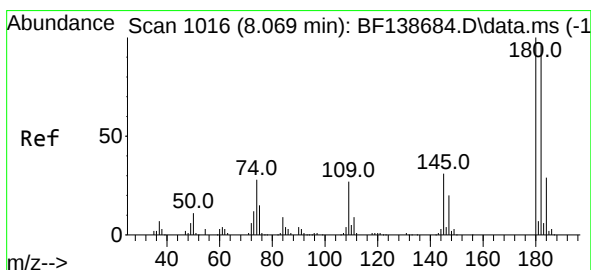
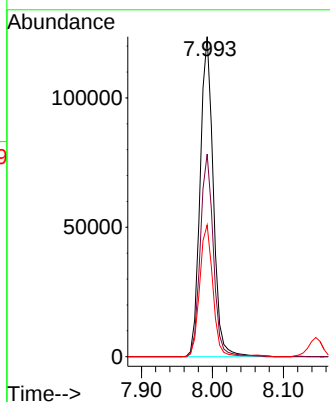
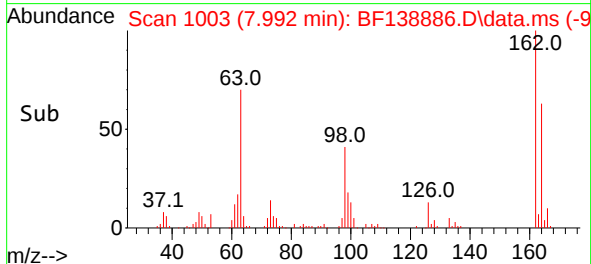
Tgt Ion:162 Resp: 159462
Ion Ratio Lower Upper
162 100
164 63.3 44.7 84.7
98 41.2 20.8 60.8

Manual Integrations

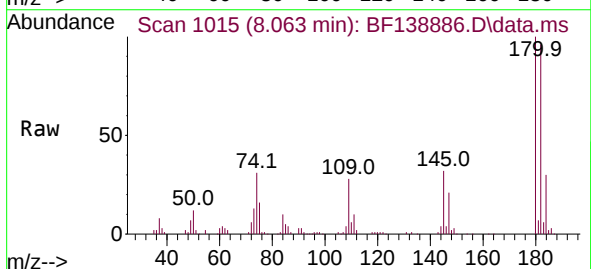
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

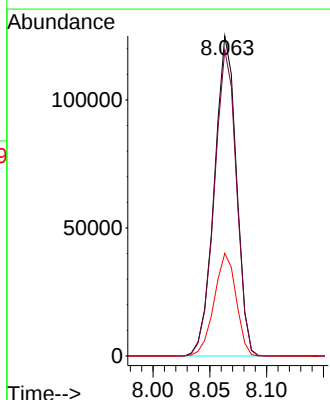
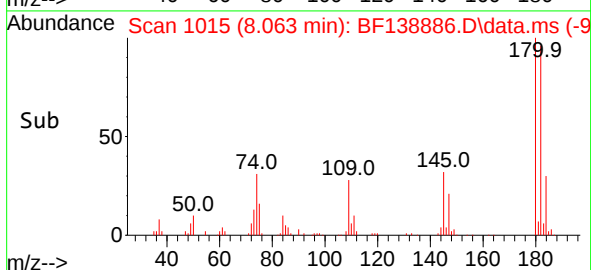
Supervised By :mohammad ahmed 08/12/2024

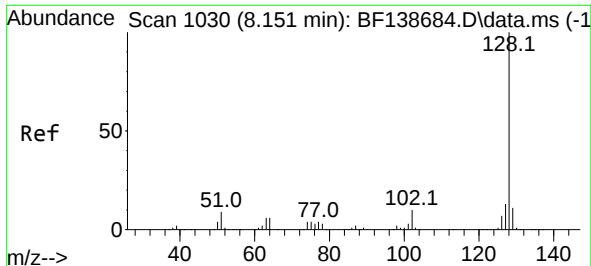


#30
1,2,4-Trichlorobenzene
Concen: 44.765 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



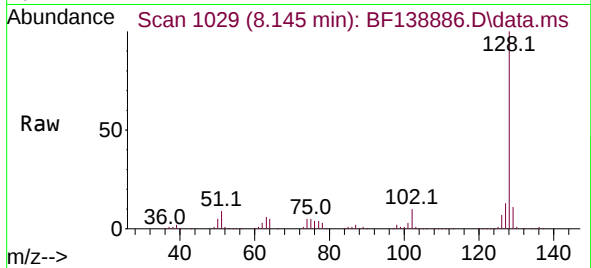
Tgt Ion:180 Resp: 168771
Ion Ratio Lower Upper
180 100
182 95.7 76.9 115.3
145 32.1 25.0 37.4





#31
Naphthalene
Concen: 44.292 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

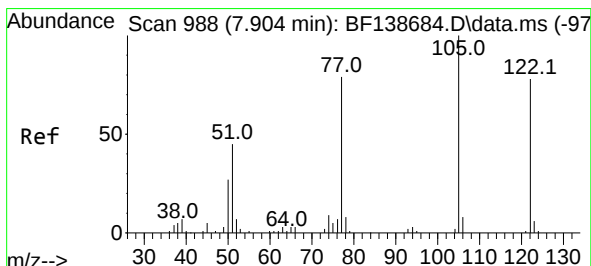
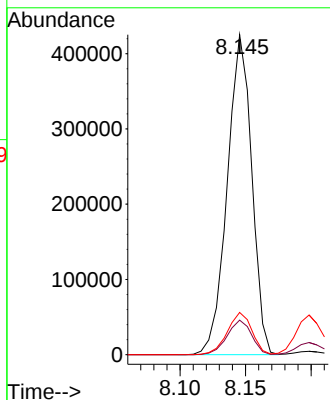
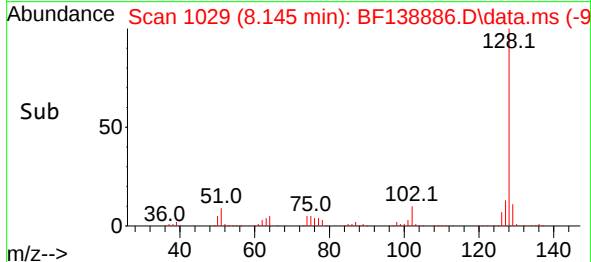
Instrument :
BNA_F
ClientSampleId :
PB162489BS



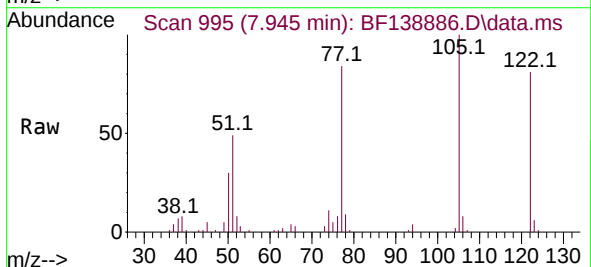
Tgt Ion:128 Resp: 553254
Ion Ratio Lower Upper
128 100
129 10.8 8.7 13.1
127 13.2 10.6 16.0

Manual Integrations
APPROVED

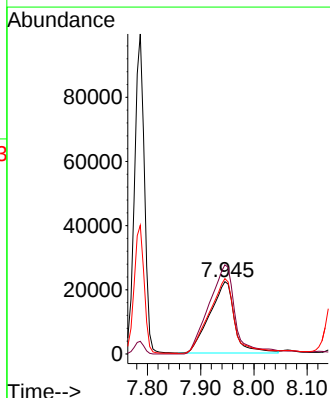
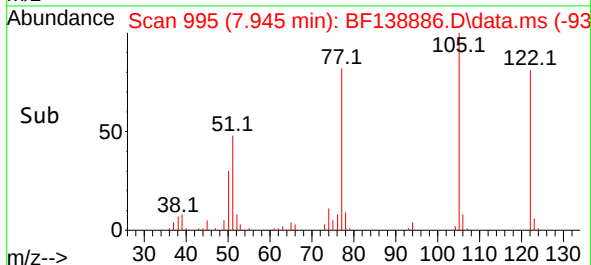
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#32
Benzoic acid
Concen: 36.056 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.041 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:122 Resp: 72059
Ion Ratio Lower Upper
122 100
105 123.4 106.7 146.7
77 104.2 81.1 121.1





#33

4-Chloroaniline

Concen: 21.011 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

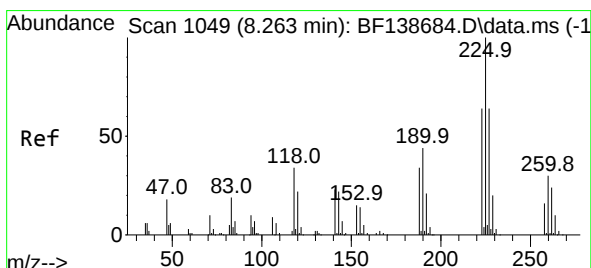
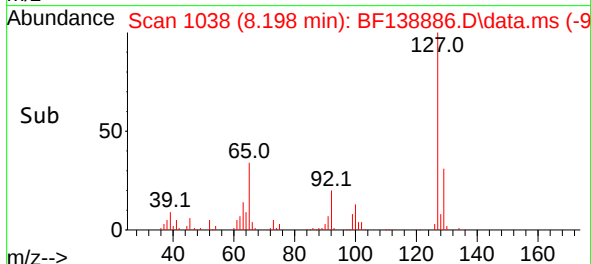
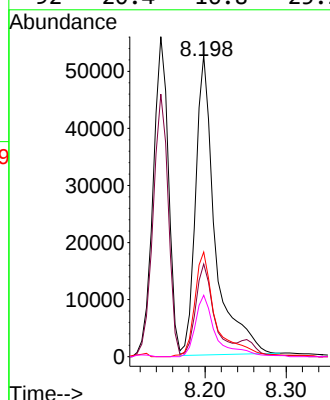
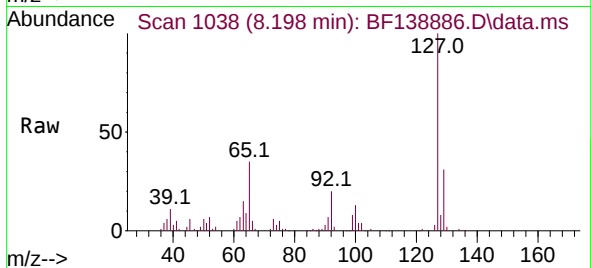
PB162489BS

Tgt Ion:	127	Resp:	88100
Ion Ratio	Lower	Upper	
127	100		
129	30.7	25.9	38.9
65	34.7	27.6	41.4
92	20.4	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#34

Hexachlorobutadiene

Concen: 44.120 ng

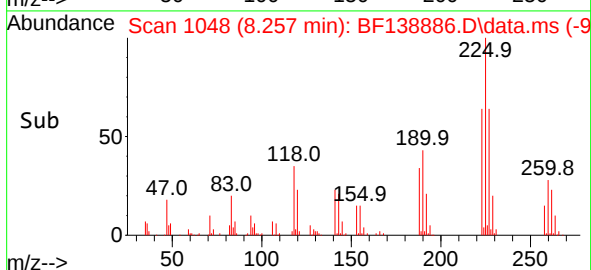
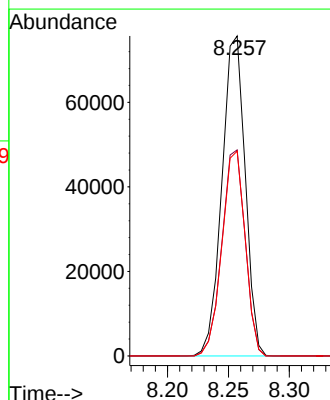
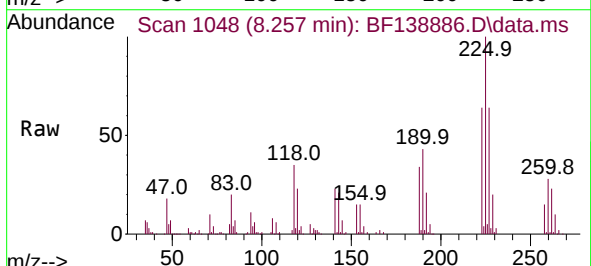
RT: 8.257 min Scan# 1048

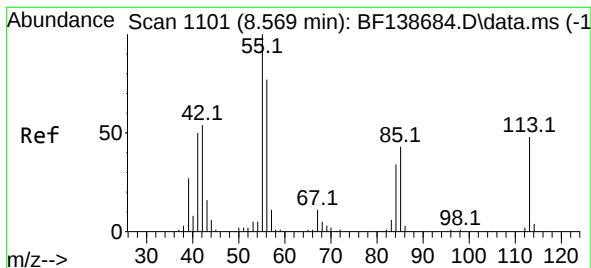
Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Tgt Ion:	225	Resp:	100753
Ion Ratio	Lower	Upper	
225	100		
223	64.4	51.2	76.8
227	64.0	51.1	76.7





#35

Caprolactam

Concen: 41.525 ng m

RT: 8.592 min Scan# 1105

Delta R.T. 0.024 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

Tgt Ion:113 Resp: 40480

Ion Ratio Lower Upper

113 100

55 198.0 186.7 226.7

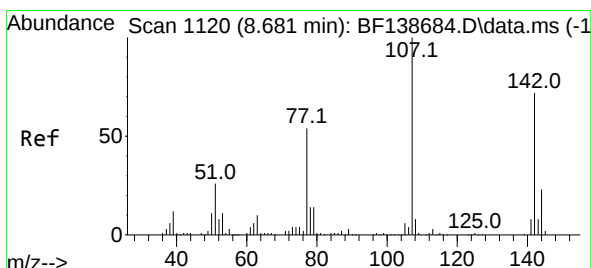
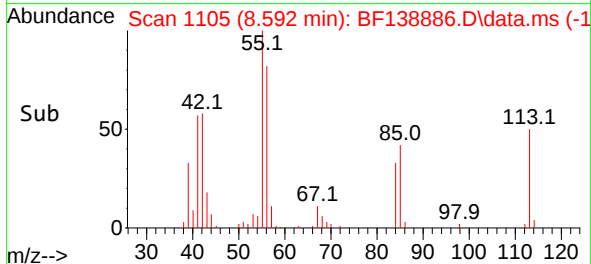
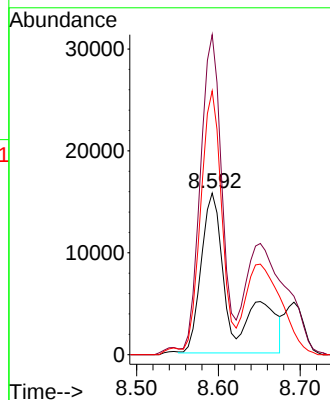
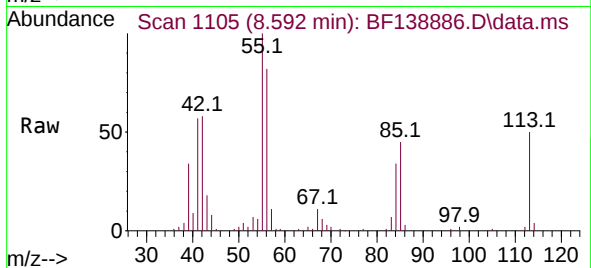
56 163.3 138.9 178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#36

4-Chloro-3-methylphenol

Concen: 48.523 ng

RT: 8.698 min Scan# 1123

Delta R.T. 0.018 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

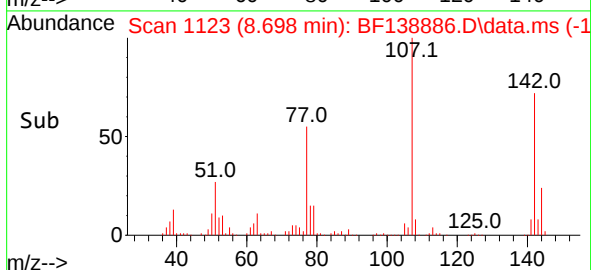
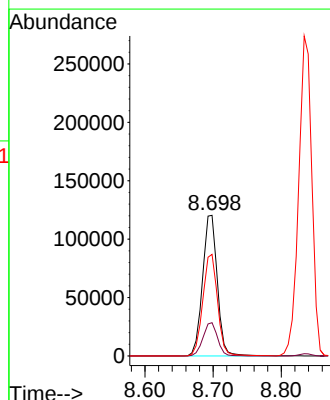
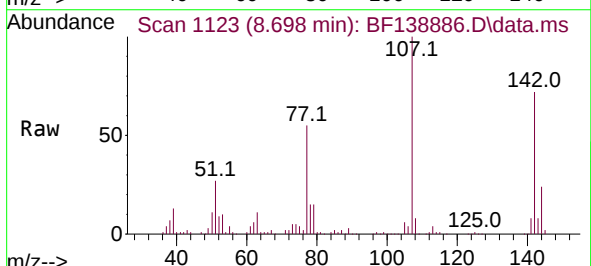
Tgt Ion:107 Resp: 181168

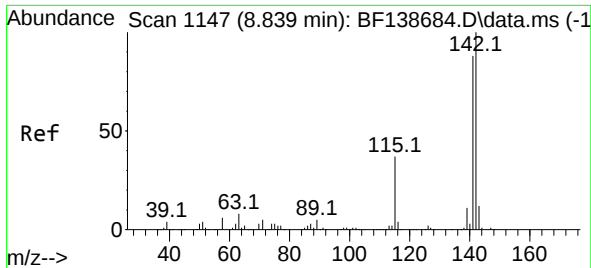
Ion Ratio Lower Upper

107 100

144 23.7 18.2 27.2

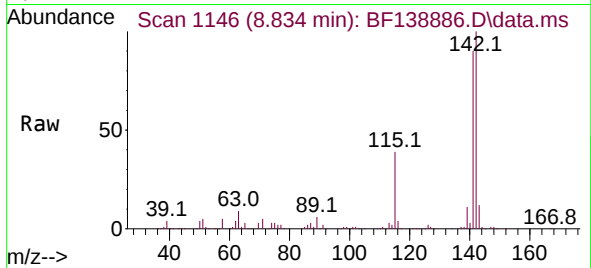
142 72.2 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.522 ng
RT: 8.834 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

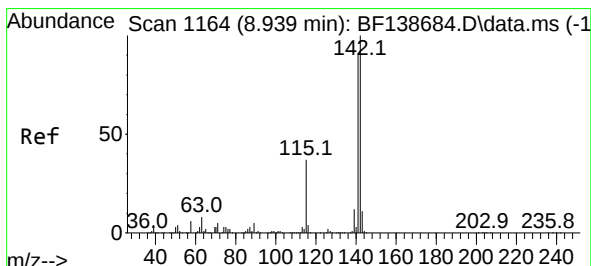
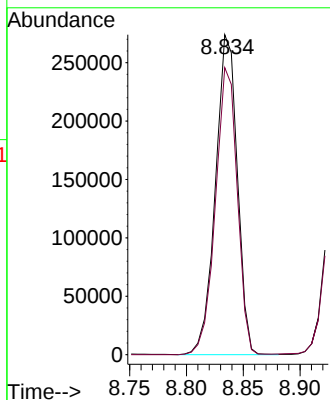
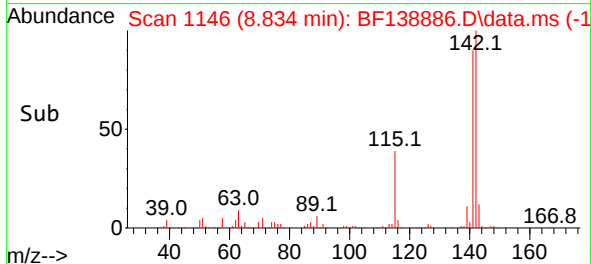
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion:142 Resp: 367000
Ion Ratio Lower Upper
142 100
141 89.7 70.8 106.2

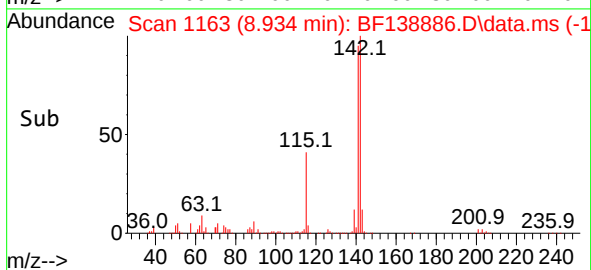
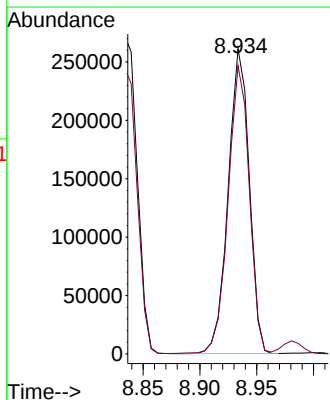
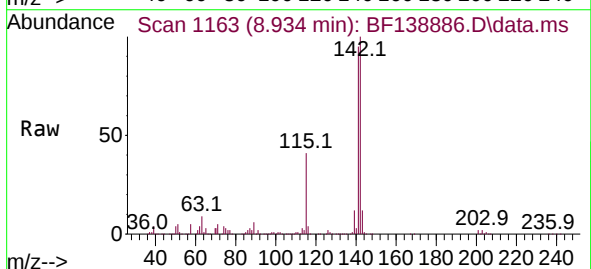
Manual Integrations
APPROVED

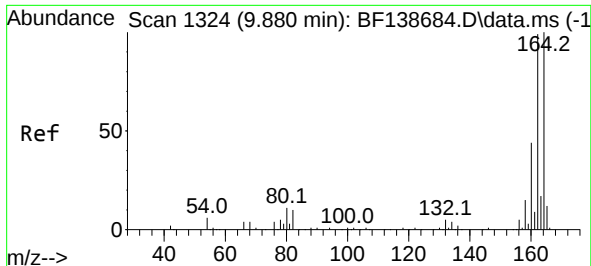
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#38
1-Methylnaphthalene
Concen: 43.596 ng
RT: 8.934 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

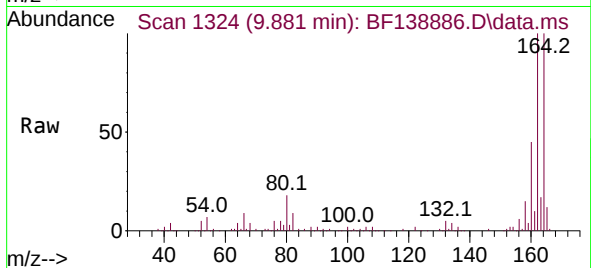
Tgt Ion:142 Resp: 337008
Ion Ratio Lower Upper
142 100
141 94.5 73.1 109.7





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1175
Delta R.T. 0.001 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

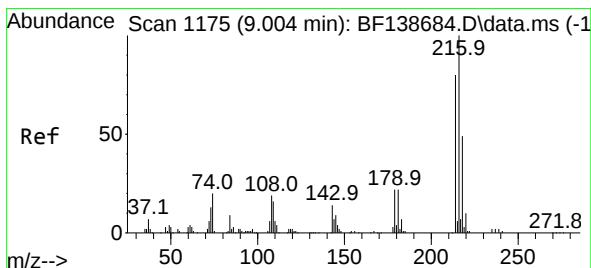
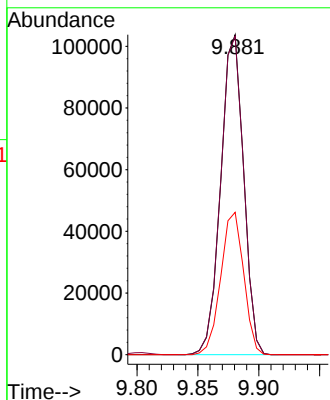
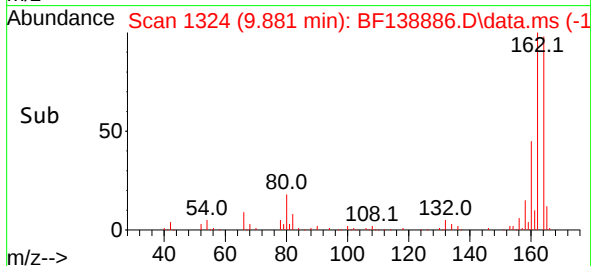
Instrument :
BNA_F
ClientSampleId :
PB162489BS



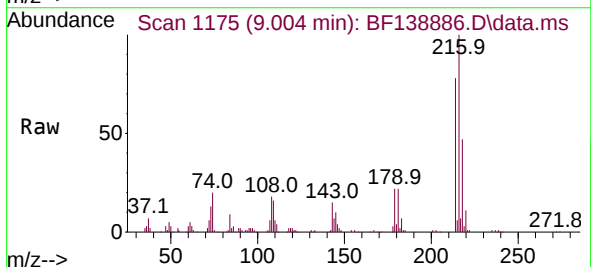
Tgt Ion:164 Resp: 135700
Ion Ratio Lower Upper
164 100
162 99.6 79.4 119.0
160 44.5 35.1 52.7

Manual Integrations
APPROVED

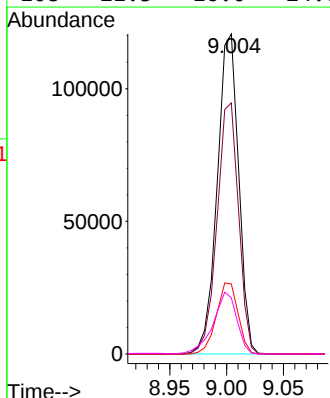
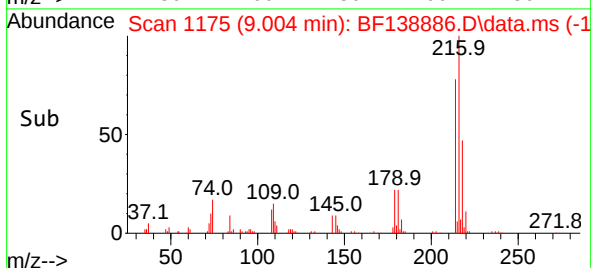
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.045 ng
RT: 9.004 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



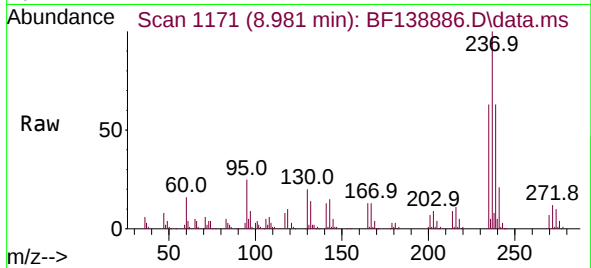
Tgt Ion:216 Resp: 158491
Ion Ratio Lower Upper
216 100
214 78.7 63.9 95.9
179 22.5 17.8 26.6
108 21.3 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 104.770 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

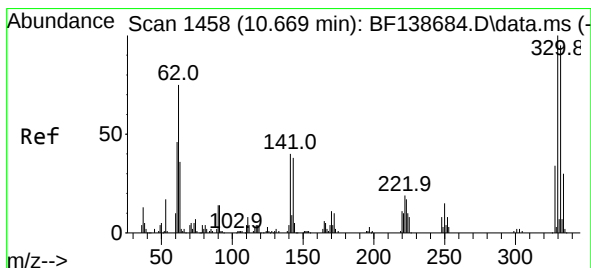
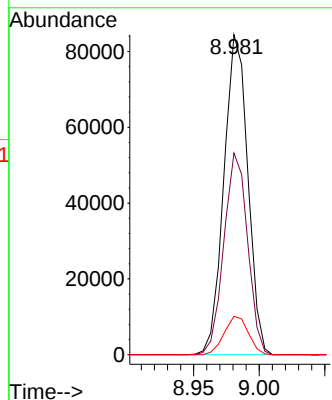
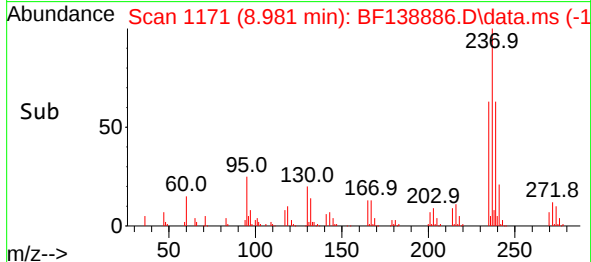
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion:237 Resp: 106892
Ion Ratio Lower Upper
237 100
235 63.0 41.8 81.8
272 12.0 0.0 32.2

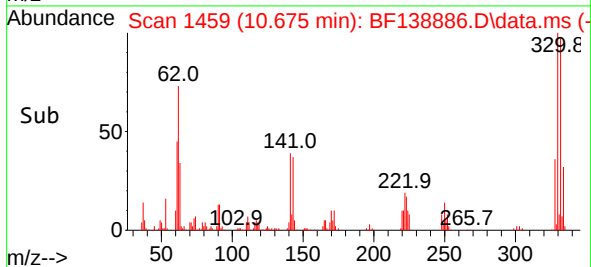
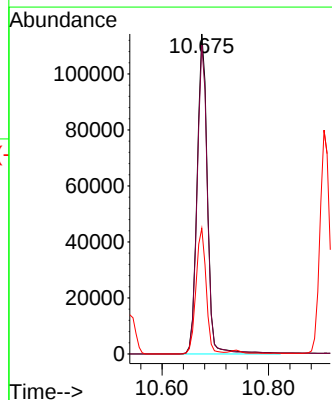
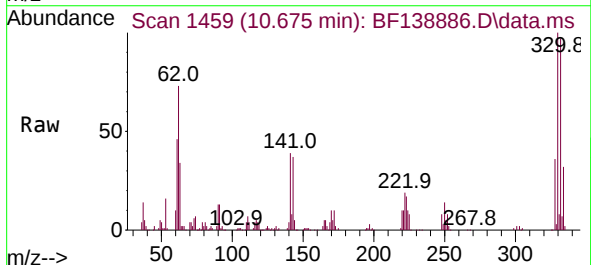
Manual Integrations
APPROVED

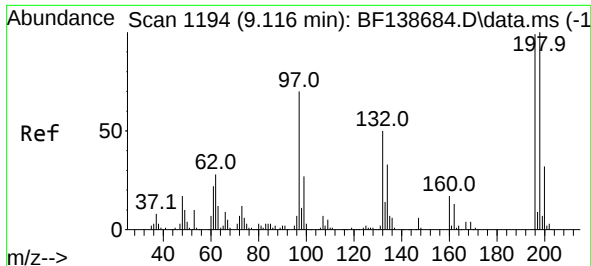
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#42
2,4,6-Tribromophenol
Concen: 138.707 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:330 Resp: 154182
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 38.5 31.1 46.7





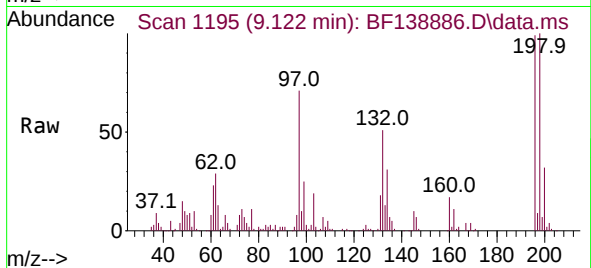
#43
2,4,6-Trichlorophenol
Concen: 45.594 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

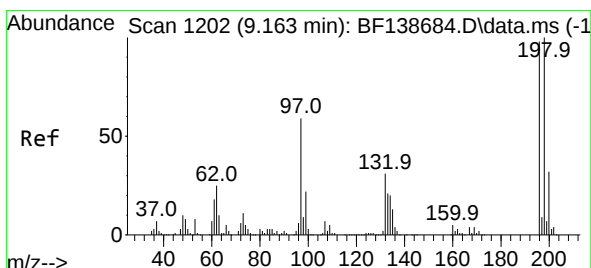
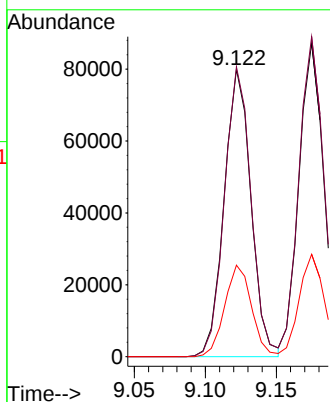
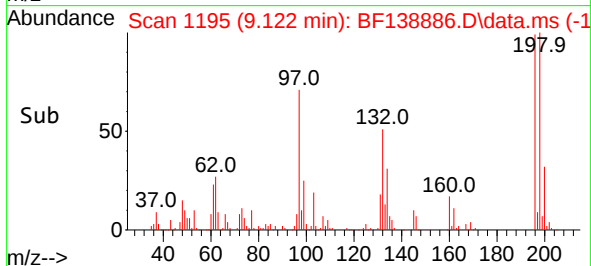


Tgt Ion:196 Resp: 104792
Ion Ratio Lower Upper
196 100
198 100.9 80.5 120.7
200 31.9 25.9 38.9

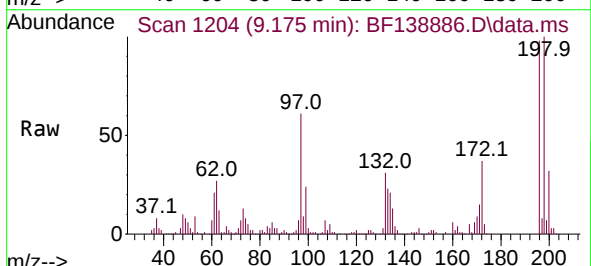
Manual Integrations

APPROVED

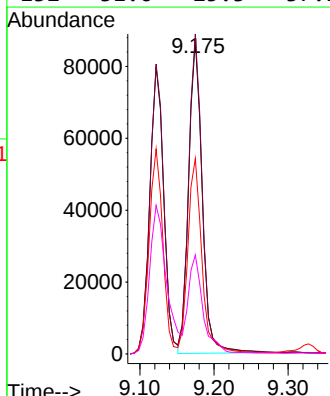
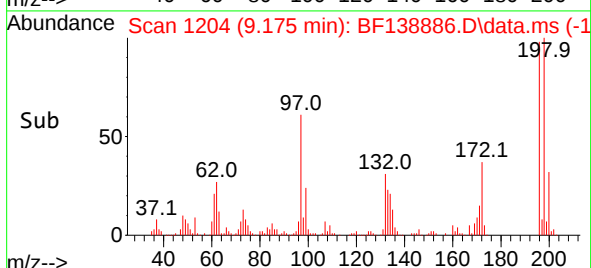
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

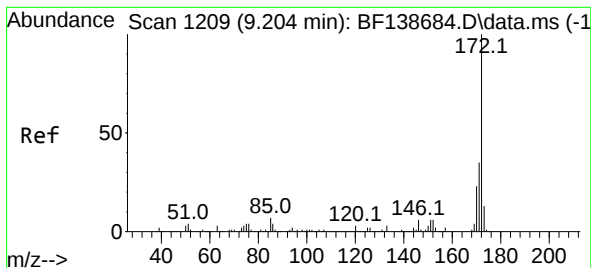


#44
2,4,5-Trichlorophenol
Concen: 44.209 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:196 Resp: 111079
Ion Ratio Lower Upper
196 100
198 102.0 81.2 121.8
97 62.3 47.8 71.6
132 31.6 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 86.902 ng

RT: 9.198 min Scan# 1208

Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

Tgt Ion:172 Resp: 784869

Ion Ratio Lower Upper

172 100

171 36.0 28.3 42.5

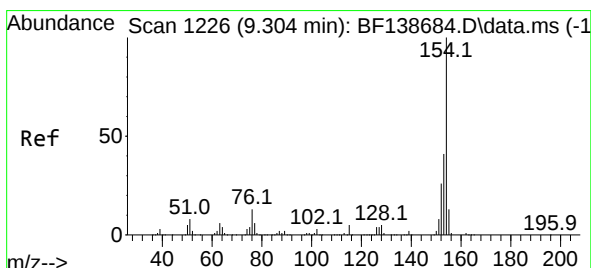
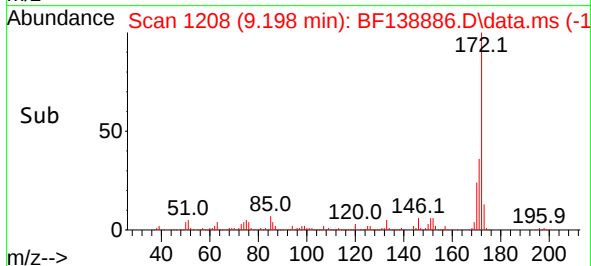
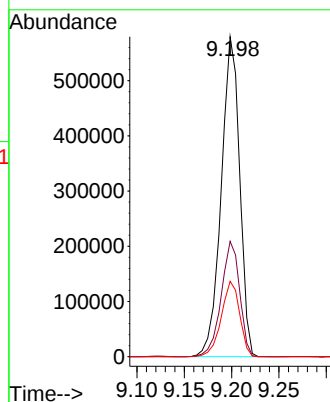
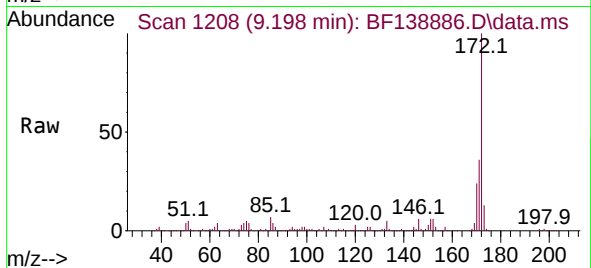
170 23.5 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#46

1,1'-Biphenyl

Concen: 41.343 ng

RT: 9.298 min Scan# 1225

Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

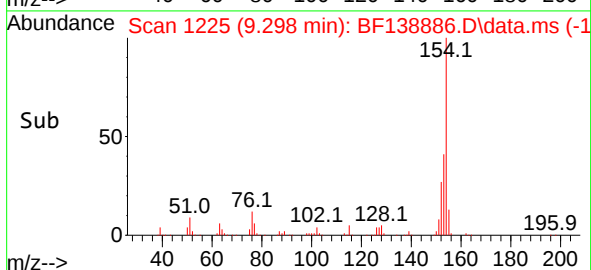
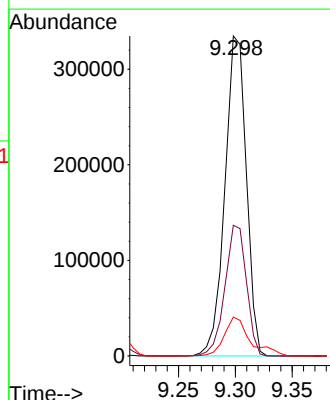
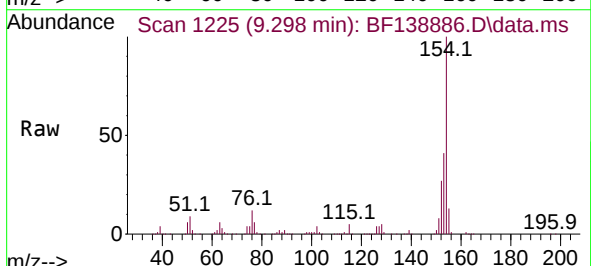
Tgt Ion:154 Resp: 439384

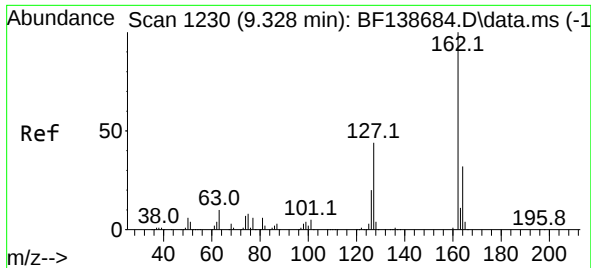
Ion Ratio Lower Upper

154 100

153 40.9 20.8 60.8

76 12.1 0.0 32.8





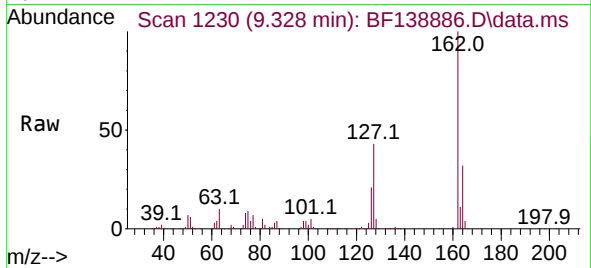
#47
2-Chloronaphthalene
Concen: 44.064 ng
RT: 9.328 min Scan# 1230
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

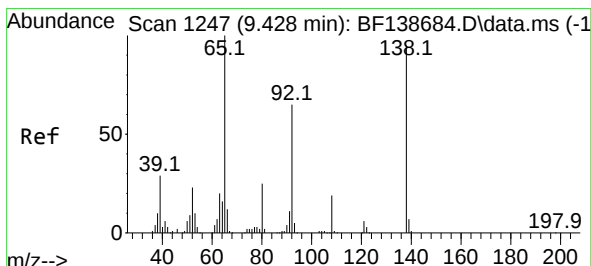
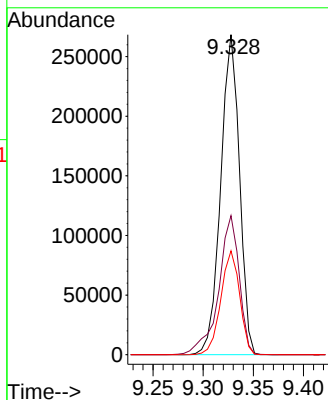
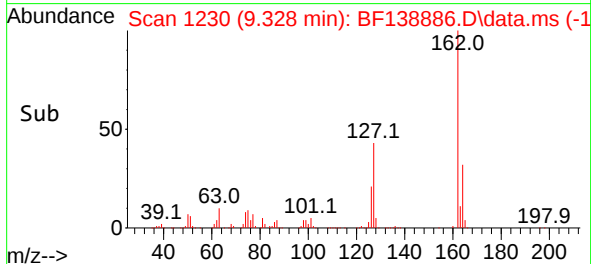
PB162489BS



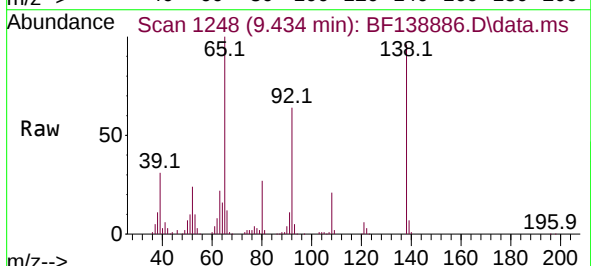
Tgt Ion:162 Resp: 348295
Ion Ratio Lower Upper
162 100
127 43.5 35.4 53.2
164 32.5 25.6 38.4

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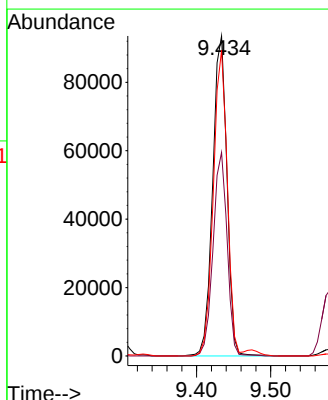
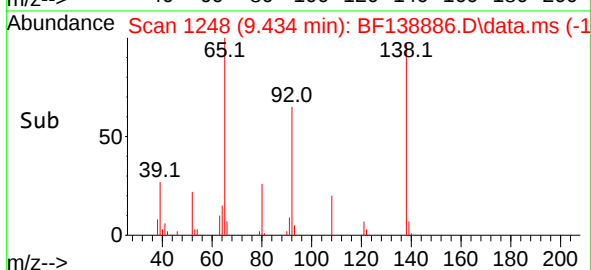
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

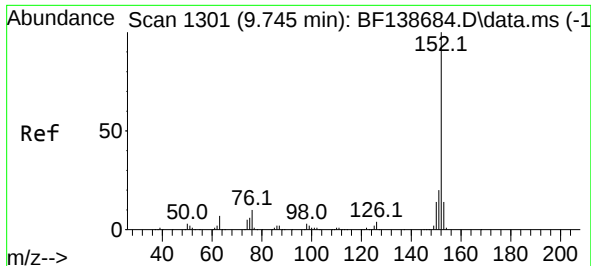


#48
2-Nitroaniline
Concen: 46.616 ng
RT: 9.434 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion: 65 Resp: 124915
Ion Ratio Lower Upper
65 100
92 63.6 52.0 78.0
138 95.5 76.2 114.4





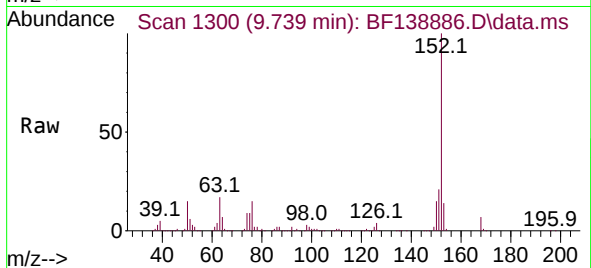
#49
Acenaphthylene
Concen: 48.356 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

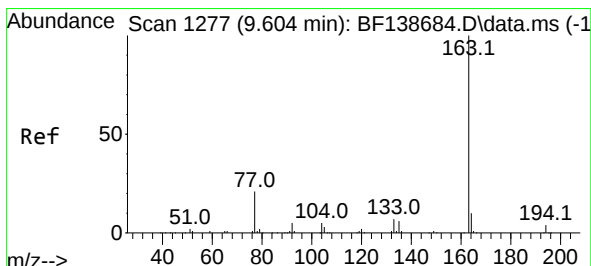
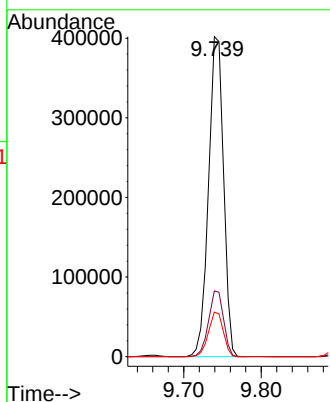
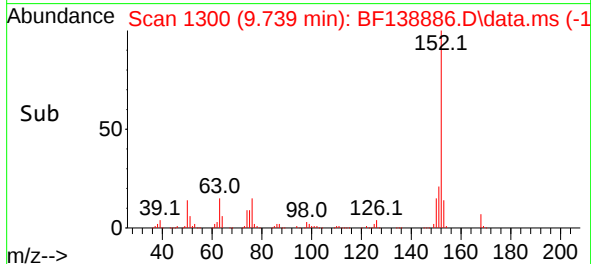
PB162489BS



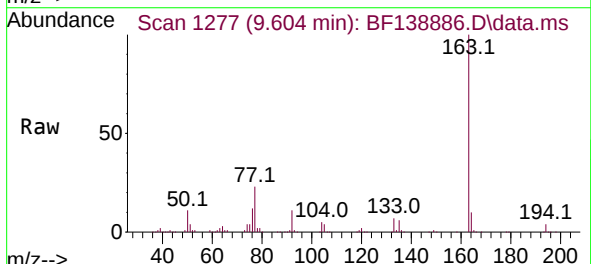
Tgt Ion:152 Resp: 542094
Ion Ratio Lower Upper
152 100
151 20.5 16.0 24.0
153 13.9 11.0 16.4

Manual Integrations
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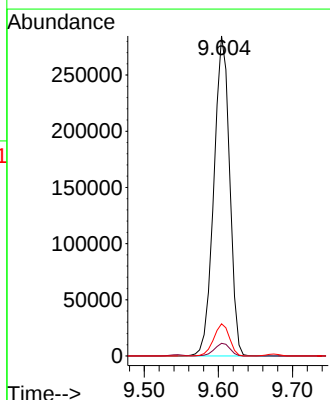
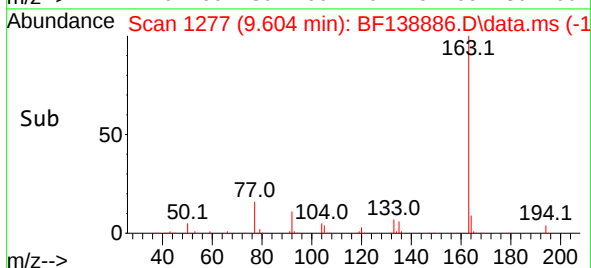
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

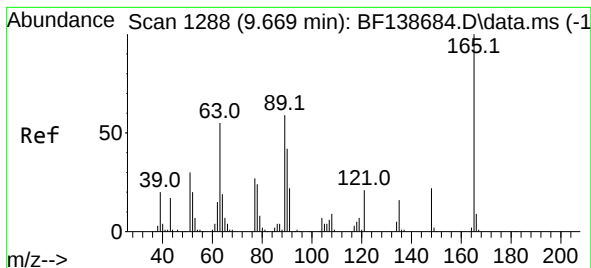


#50
Dimethylphthalate
Concen: 48.463 ng
RT: 9.604 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



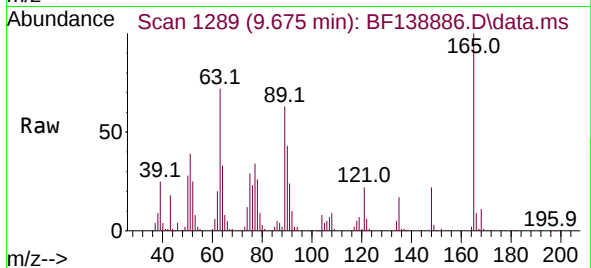
Tgt Ion:163 Resp: 420510
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.0 7.8 11.8





#51
2,6-Dinitrotoluene
Concen: 45.941 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

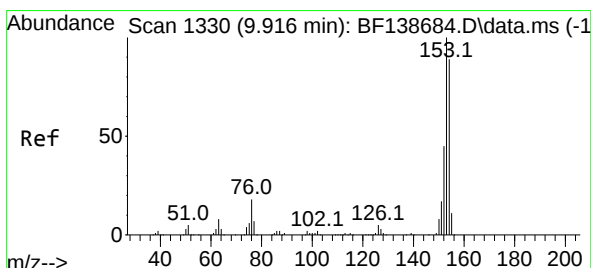
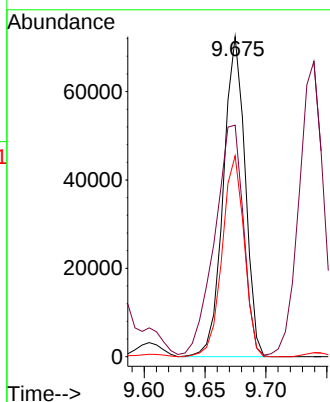
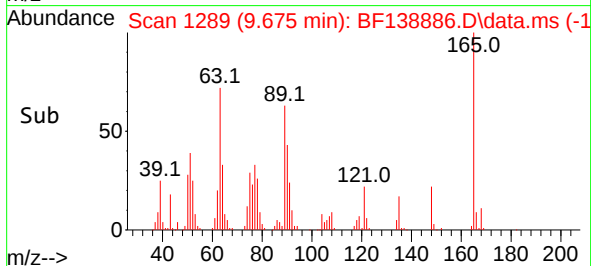
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion:165 Resp: 8996
Ion Ratio Lower Upper
165 100
63 72.3 52.0 78.0
89 62.8 47.0 70.6

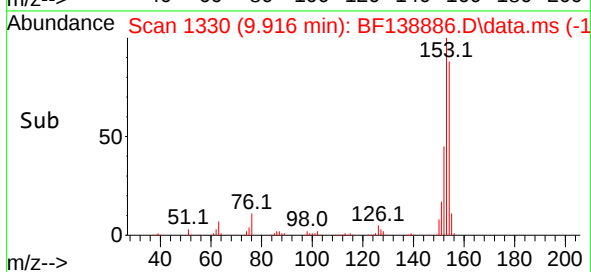
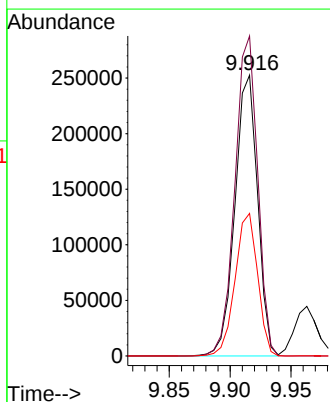
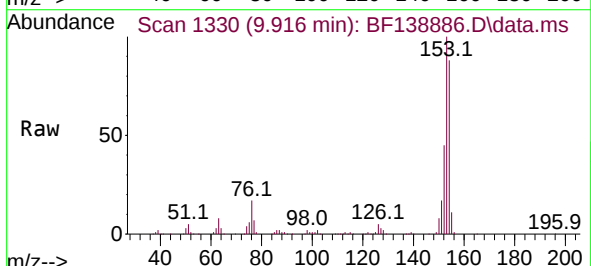
Manual Integrations
APPROVED

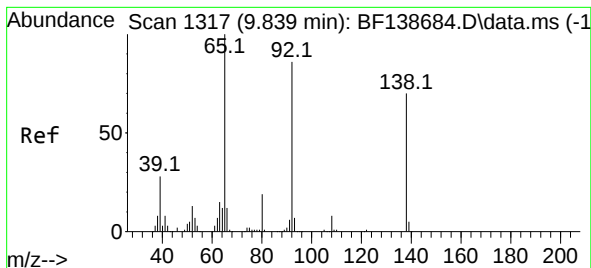
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#52
Acenaphthene
Concen: 43.472 ng
RT: 9.916 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:154 Resp: 327605
Ion Ratio Lower Upper
154 100
153 114.0 89.9 134.9
152 50.7 40.6 60.8





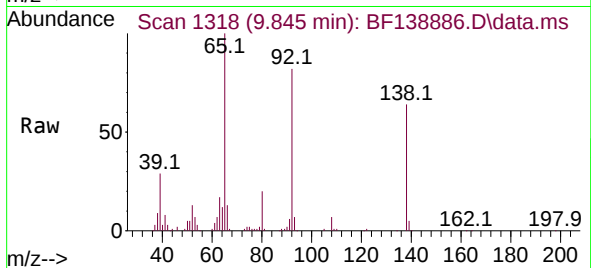
#53
3-Nitroaniline
Concen: 29.847 ng
RT: 9.845 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS



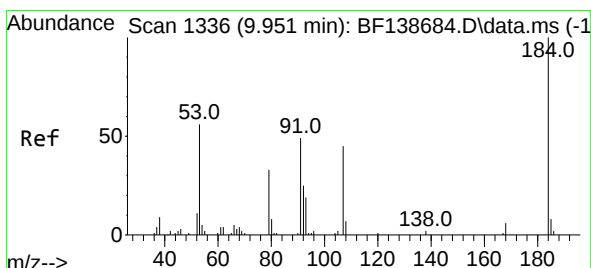
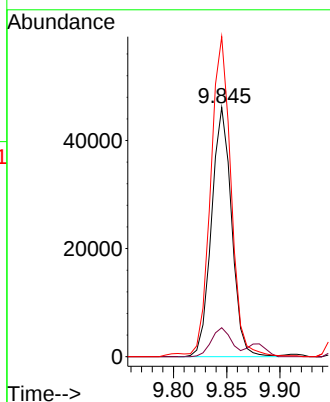
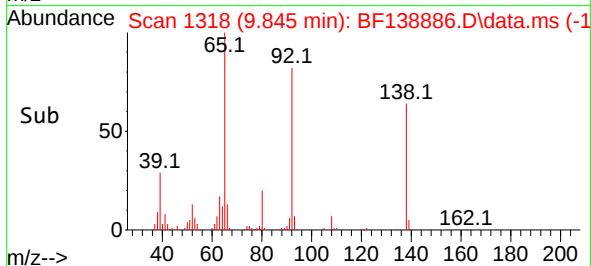
Tgt Ion:138 Resp: 6042
Ion Ratio Lower Upper
138 100
108 11.6 9.1 13.7
92 128.4 98.7 148.1

Manual Integrations

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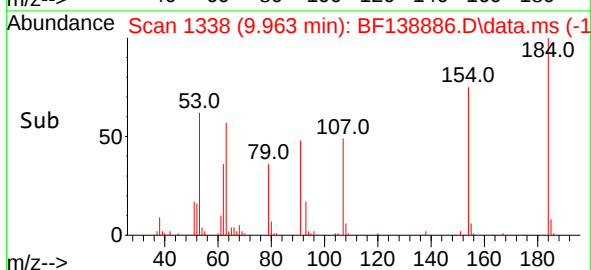
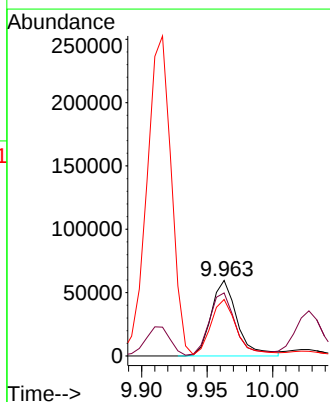
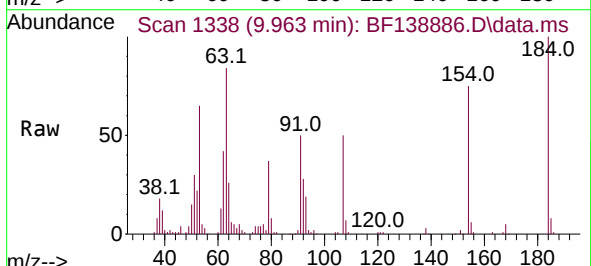
Reviewed By :Yogesh Patel 08/10/2024

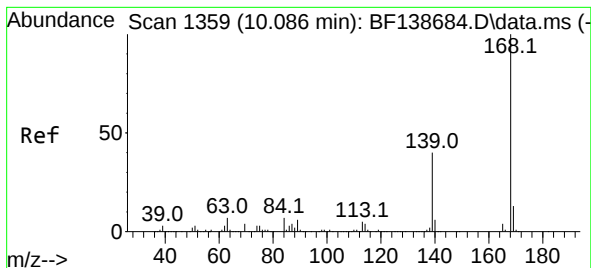
Supervised By :mohammad ahmed 08/12/2024



#54
2,4-Dinitrophenol
Concen: 91.337 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:184 Resp: 82333
Ion Ratio Lower Upper
184 100
63 83.6 57.5 86.3
154 74.8 51.7 77.5





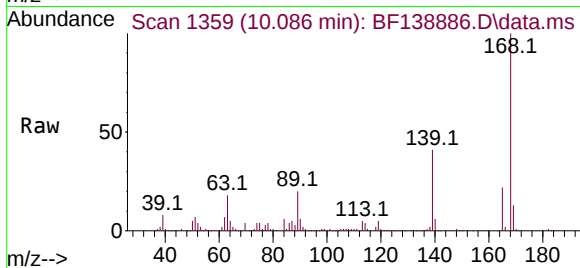
#55
Dibenzenofuran
Concen: 46.388 ng
RT: 10.086 min Scan# 1359
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS



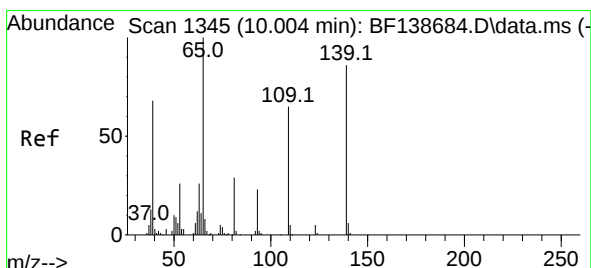
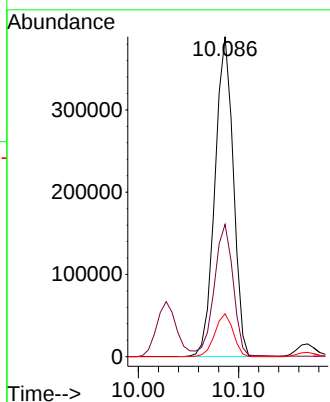
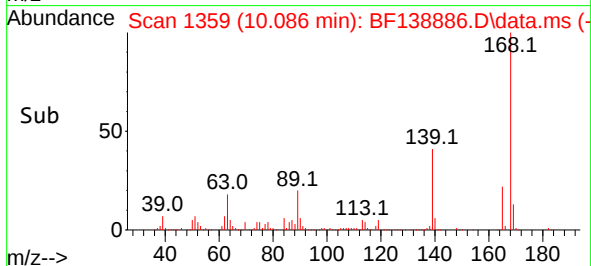
Tgt Ion:168 Resp: 49346
Ion Ratio Lower Upper
168 100
139 41.4 32.6 49.0
169 13.4 10.7 16.1

Manual Integrations

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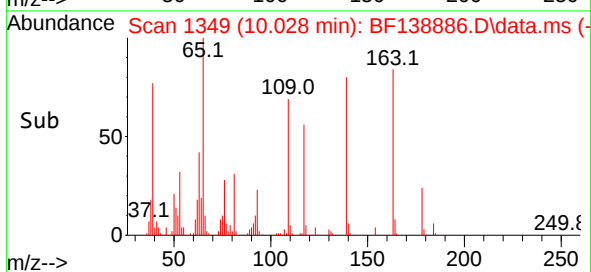
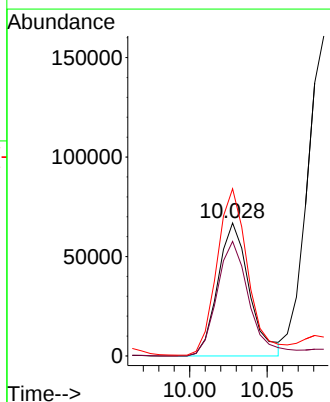
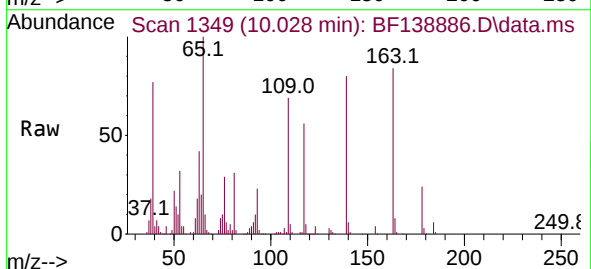
Reviewed By :Yogesh Patel 08/10/2024

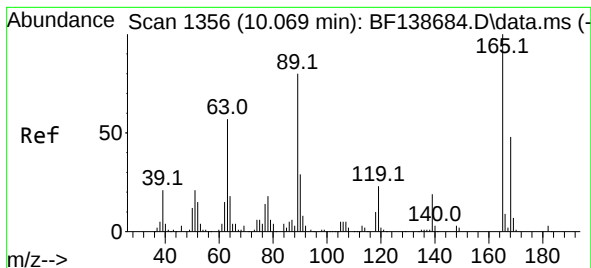
Supervised By :mohammad ahmed 08/12/2024



#56
4-Nitrophenol
Concen: 77.691 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:139 Resp: 94576
Ion Ratio Lower Upper
139 100
109 86.2 55.5 95.5
65 125.7 96.7 136.7





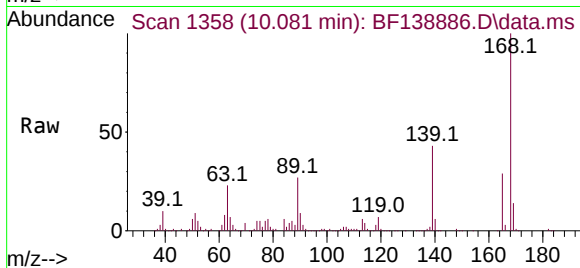
#57
2,4-Dinitrotoluene
Concen: 48.671 ng
RT: 10.081 min Scan# 1356
Delta R.T. 0.012 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

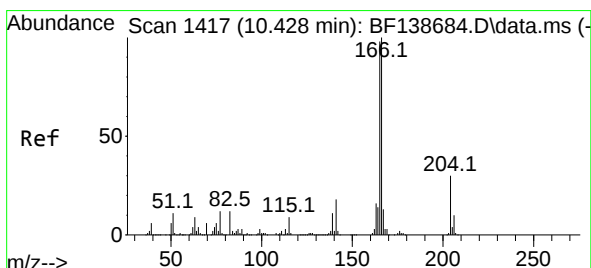
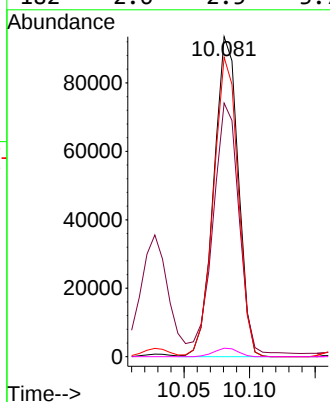
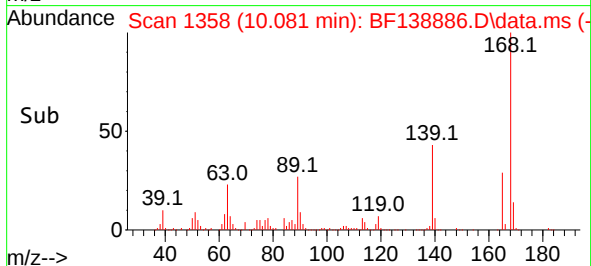


Tgt Ion:165 Resp: 121590
Ion Ratio Lower Upper
165 100
63 79.3 46.3 69.5
89 93.6 64.2 96.4
182 2.6 2.5 3.7

Manual Integrations

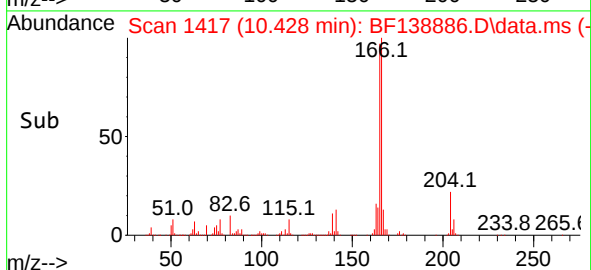
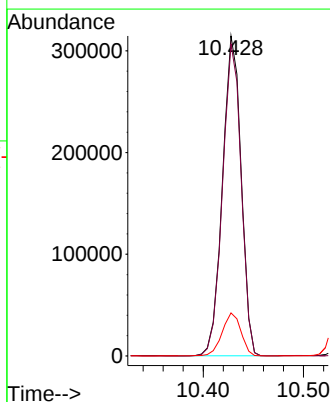
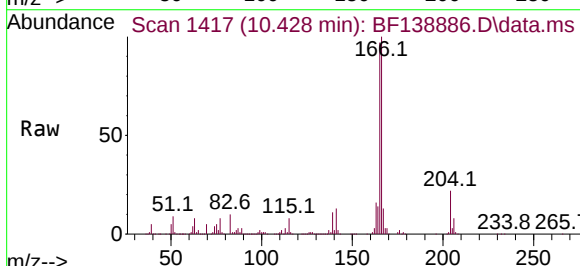
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#58
Fluorene
Concen: 47.764 ng
RT: 10.428 min Scan# 1417
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

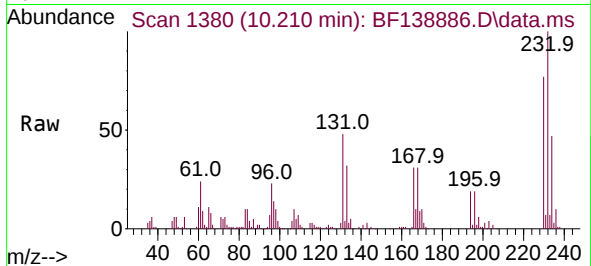
Tgt Ion:166 Resp: 404622
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.065 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

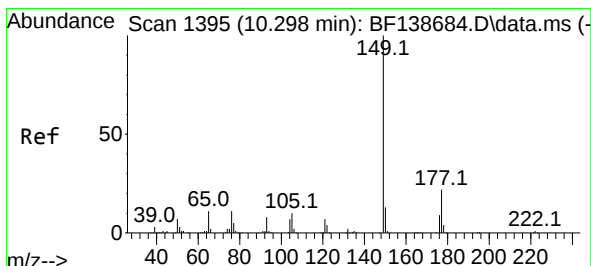
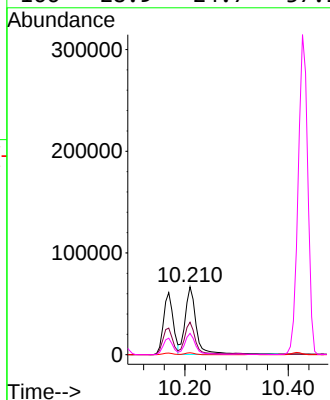
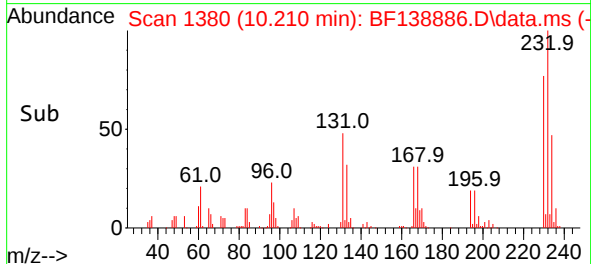
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion:232 Resp: 98092
Ion Ratio Lower Upper
232 100
131 46.8 37.0 55.4
130 2.5 2.0 3.0
166 28.9 24.7 37.1

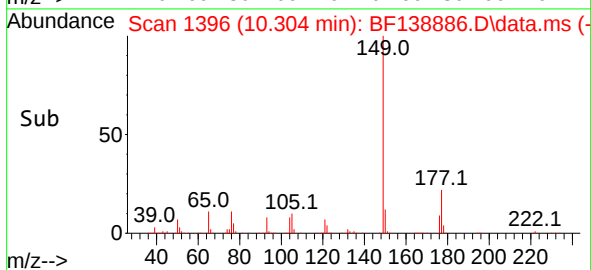
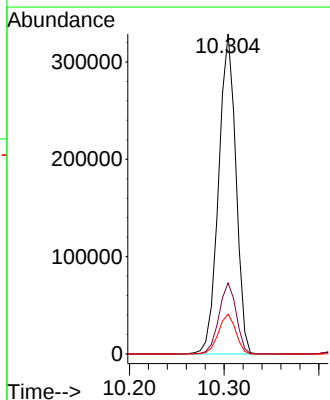
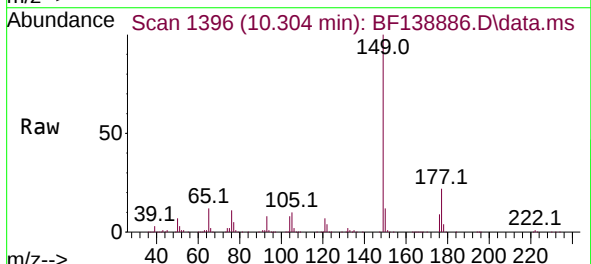
Manual Integrations
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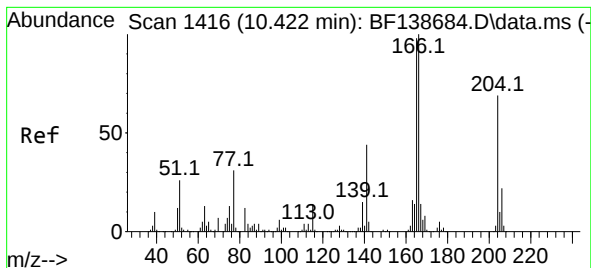
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#60
Diethylphthalate
Concen: 50.872 ng
RT: 10.304 min Scan# 1396
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:149 Resp: 418528
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.424 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

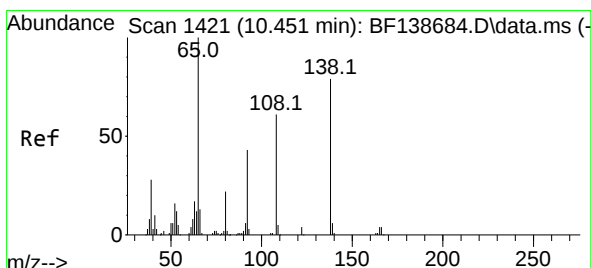
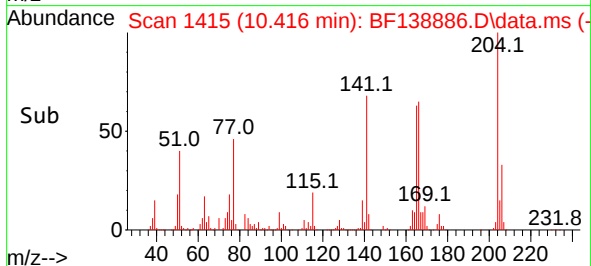
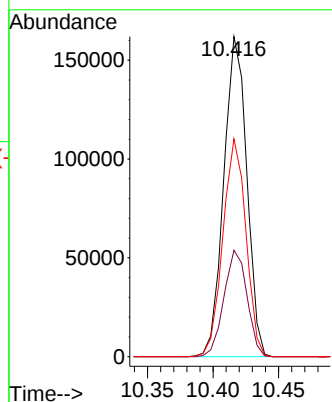
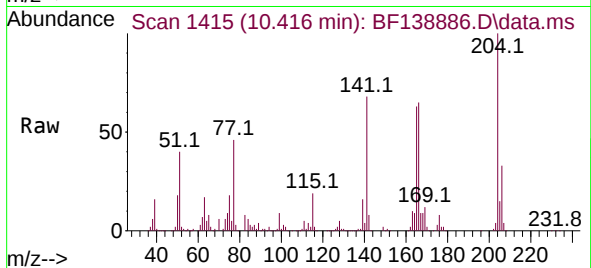
PB162489BS

Tgt Ion:204 Resp: 19758
Ion Ratio Lower Upper
204 100
206 33.3 26.1 39.1
141 68.1 51.4 77.0

Manual Integrations

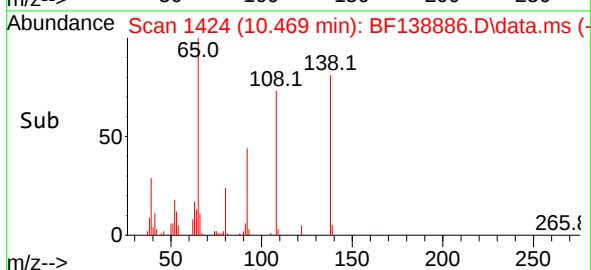
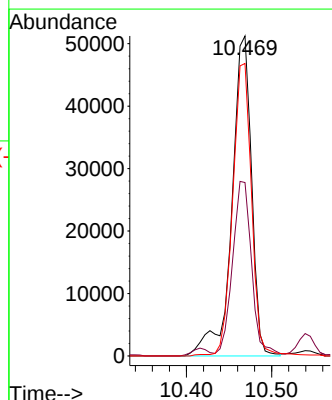
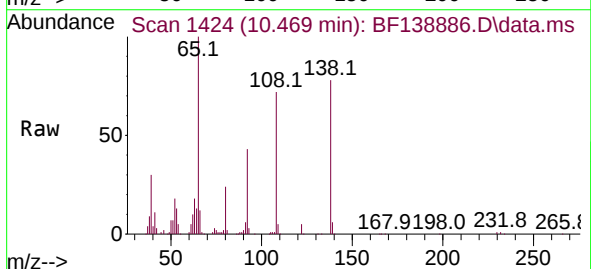
APPROVED

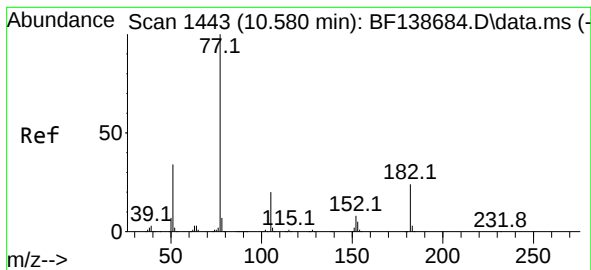
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#62
4-Nitroaniline
Concen: 42.815 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.018 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

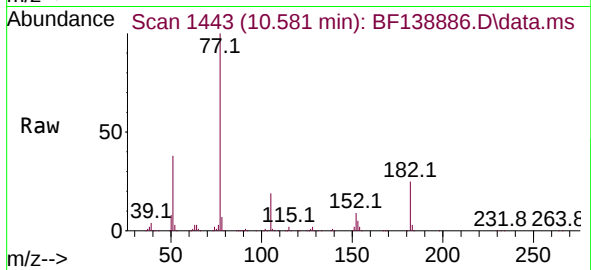
Tgt Ion:138 Resp: 82366
Ion Ratio Lower Upper
138 100
92 54.2 34.2 74.2
108 91.4 56.2 96.2





#63
Azobenzene
Concen: 47.562 ng
RT: 10.581 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

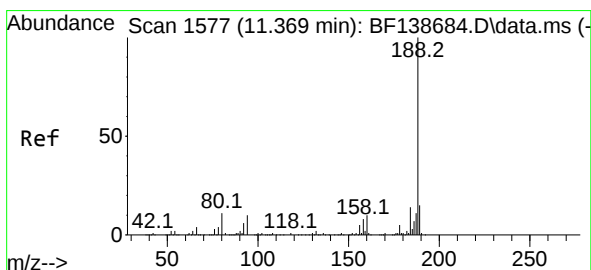
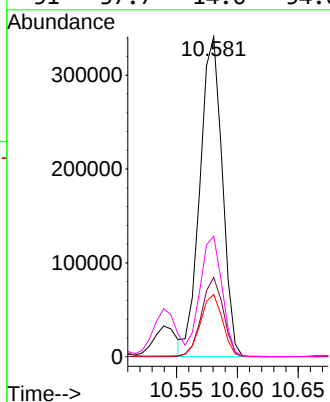
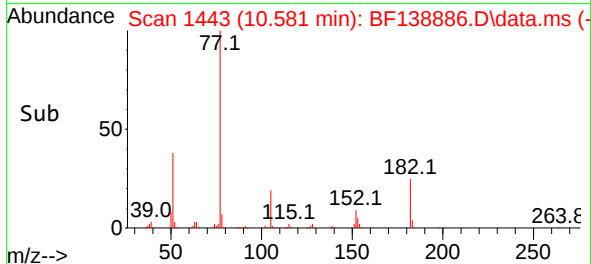
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion: 77 Resp: 433986
Ion Ratio Lower Upper
77 100
182 24.7 3.4 43.4
105 19.5 0.2 40.2
51 37.7 14.6 54.6

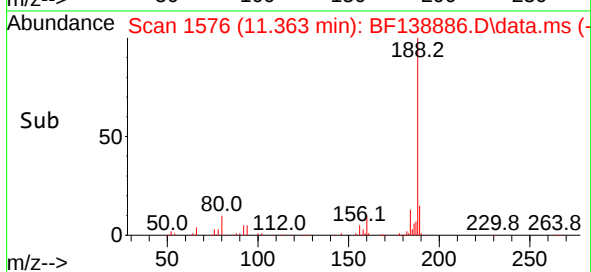
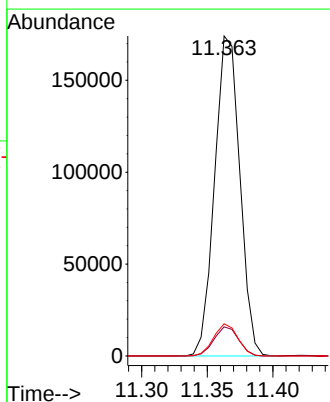
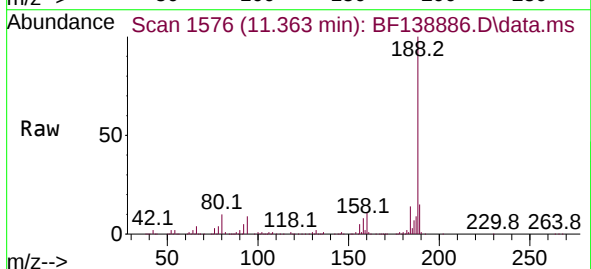
Manual Integrations
APPROVED

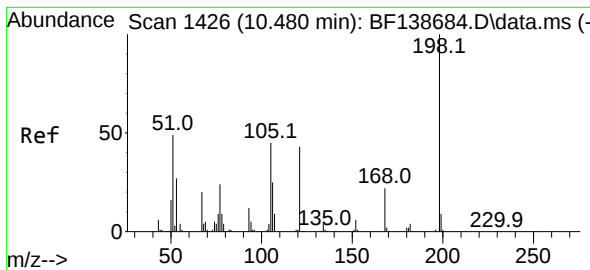
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

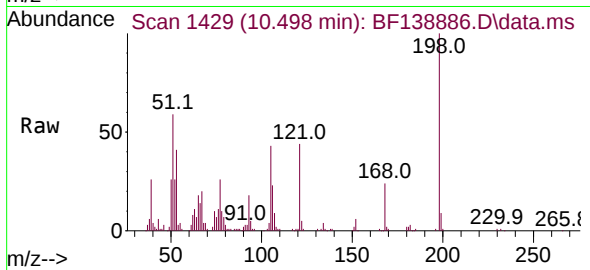
Tgt Ion:188 Resp: 232367
Ion Ratio Lower Upper
188 100
94 9.1 7.6 11.4
80 10.0 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.522 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

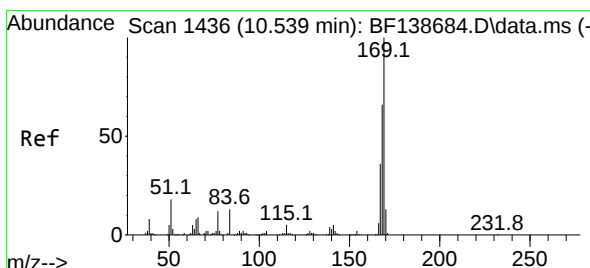
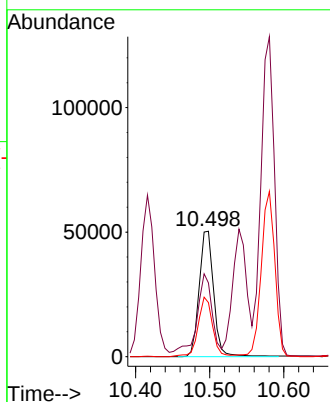
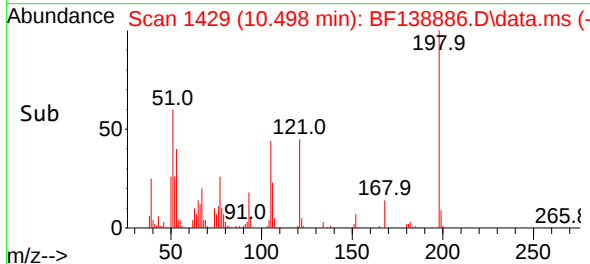
Instrument :
BNA_F
ClientSampleId :
PB162489BS



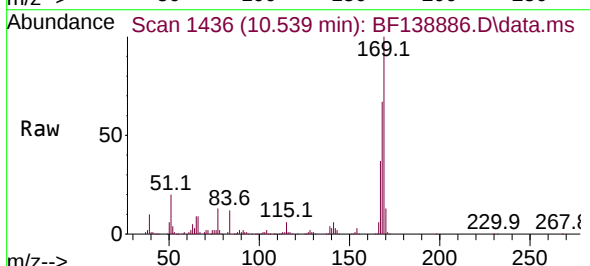
Tgt Ion:198 Resp: 68780
Ion Ratio Lower Upper
198 100
51 58.8 39.9 79.9
105 43.1 26.1 66.1

Manual Integrations
APPROVED

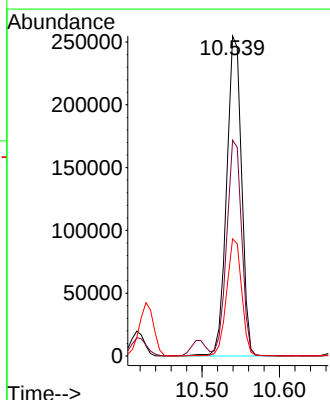
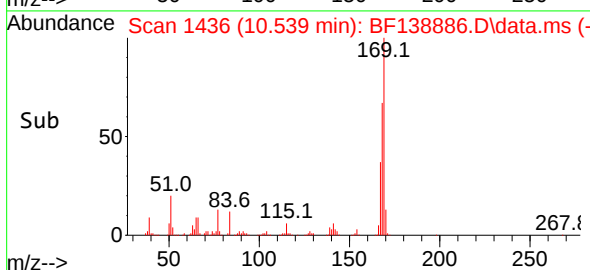
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

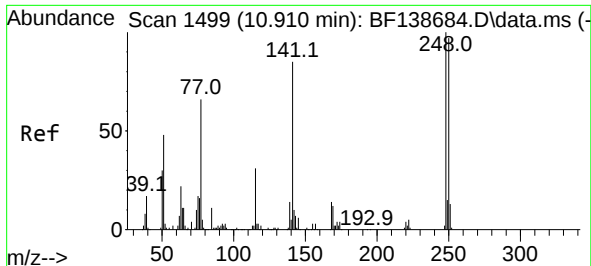


#66
n-Nitrosodiphenylamine
Concen: 47.026 ng
RT: 10.539 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



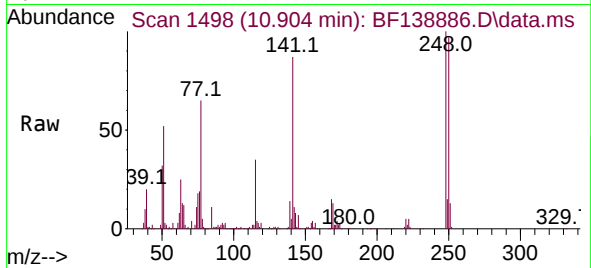
Tgt Ion:169 Resp: 341567
Ion Ratio Lower Upper
169 100
168 67.4 53.0 79.6
167 36.6 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 46.952 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

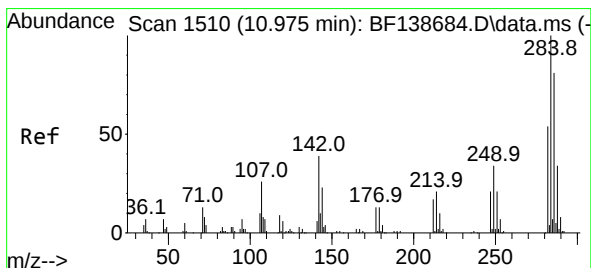
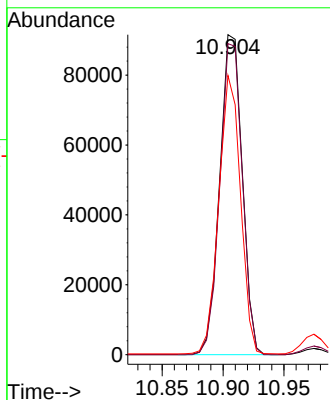
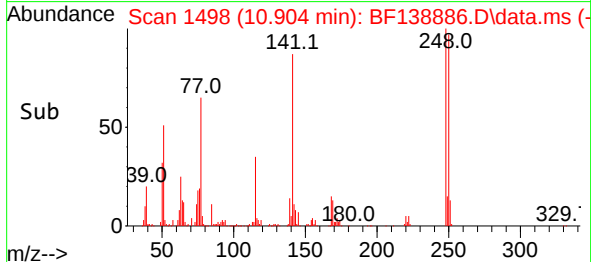
Instrument :
BNA_F
ClientSampleId :
PB162489BS



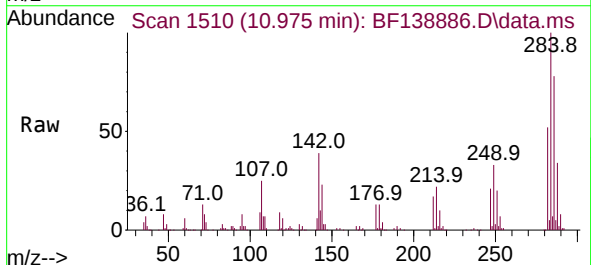
Tgt Ion:248 Resp: 11812
Ion Ratio Lower Upper
248 100
250 97.2 77.7 116.5
141 87.3 68.0 102.0

Manual Integrations
APPROVED

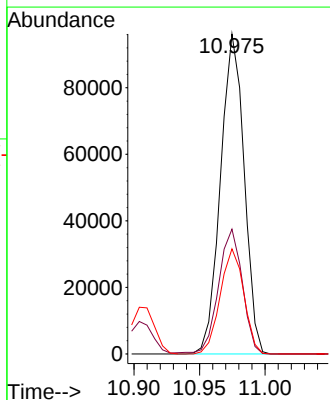
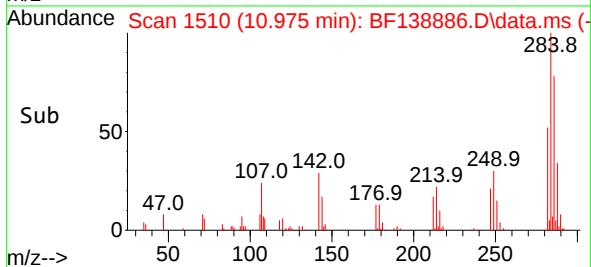
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

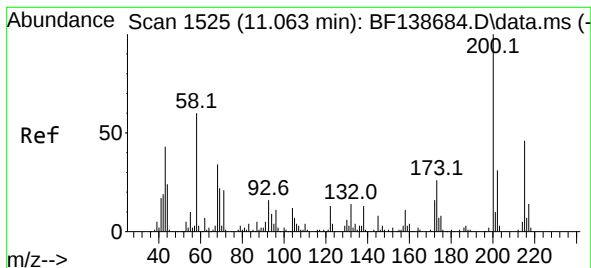


#68
Hexachlorobenzene
Concen: 46.353 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:284 Resp: 120407
Ion Ratio Lower Upper
284 100
142 39.0 31.3 46.9
249 32.8 27.2 40.8





#69

Atrazine

Concen: 54.788 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

Tgt Ion:200 Resp: 102669

Ion Ratio Lower Upper

200 100

173 26.4 6.0 46.0

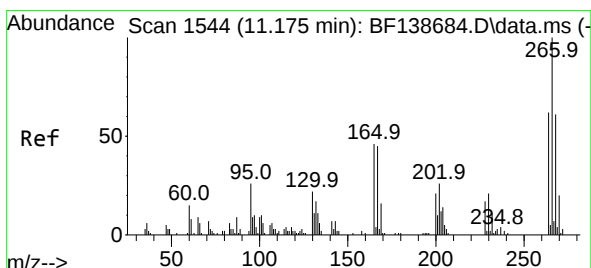
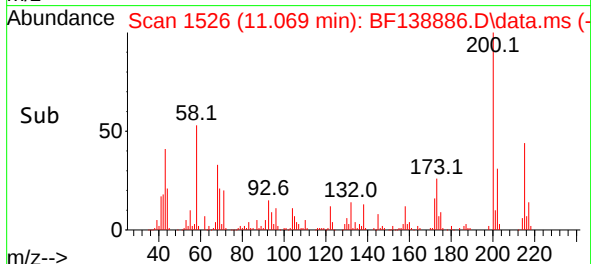
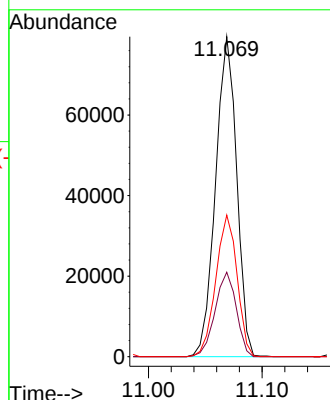
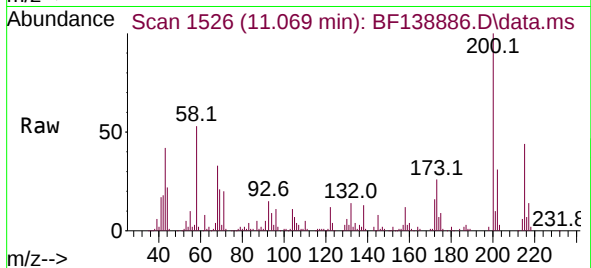
215 44.2 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#70

Pentachlorophenol

Concen: 75.124 ng

RT: 11.181 min Scan# 1545

Delta R.T. 0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

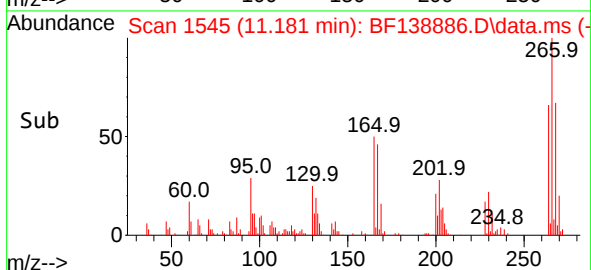
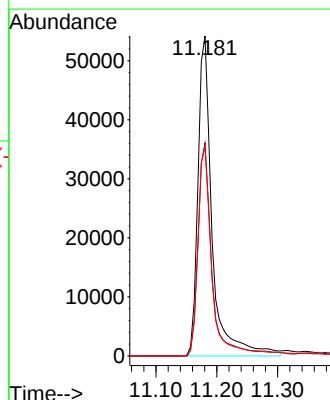
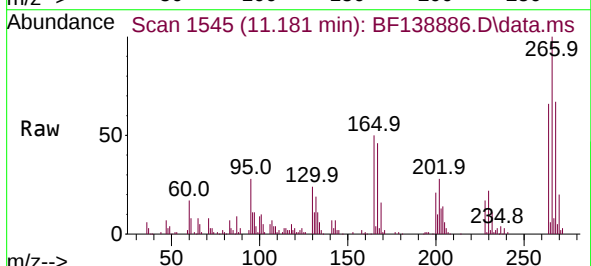
Tgt Ion:266 Resp: 87959

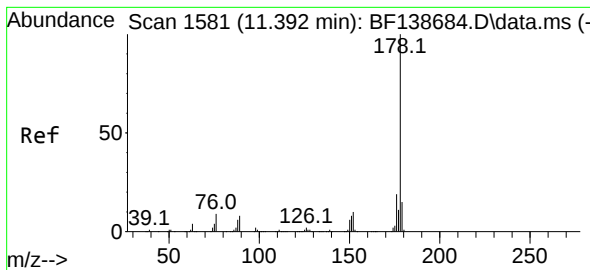
Ion Ratio Lower Upper

266 100

268 66.6 49.2 73.8

264 65.5 49.8 74.6





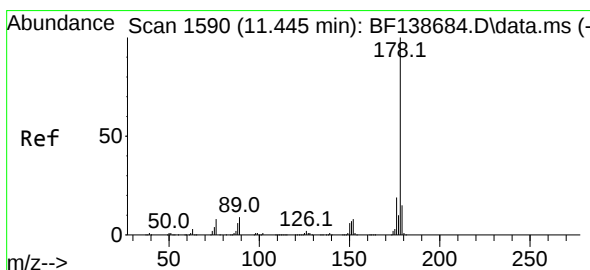
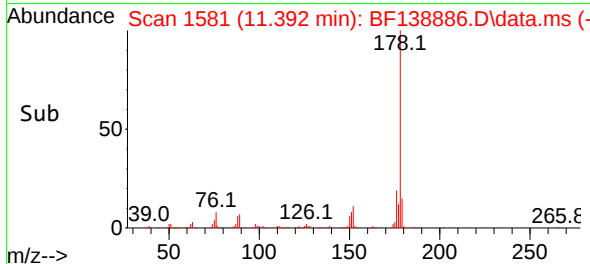
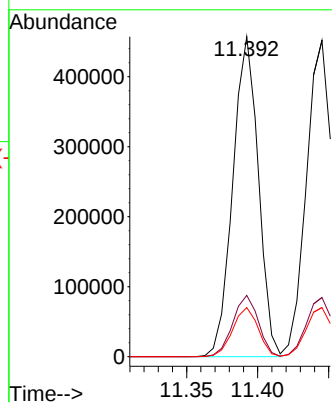
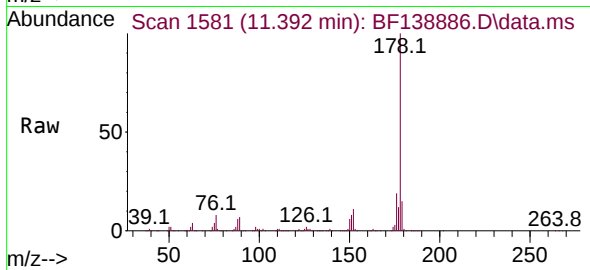
#71
Phenanthrene
Concen: 47.817 ng
RT: 11.392 min Scan# 1581
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :
BNA_F
ClientSampleId :
PB162489BS

Tgt Ion:178 Resp: 57213
Ion Ratio Lower Upper
178 100
176 19.1 15.4 23.0
179 15.3 12.2 18.2

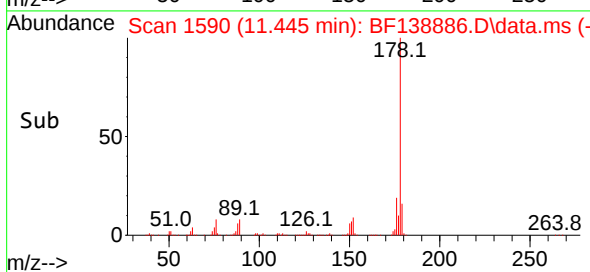
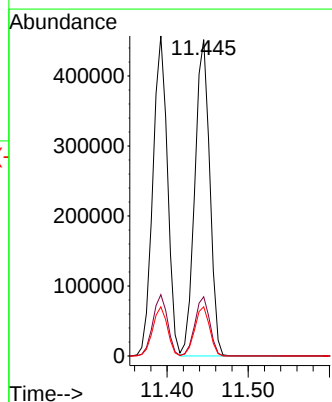
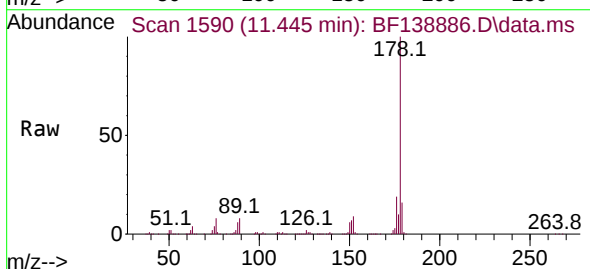
Manual Integrations
APPROVED

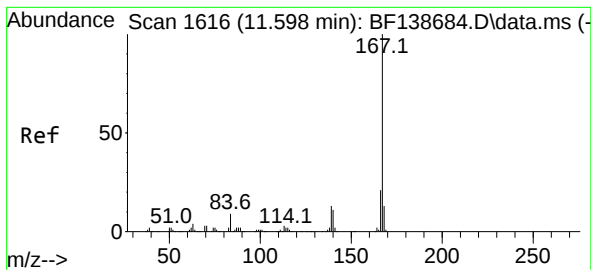
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#72
Anthracene
Concen: 48.989 ng
RT: 11.445 min Scan# 1590
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:178 Resp: 577450
Ion Ratio Lower Upper
178 100
176 18.7 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.729 ng

RT: 11.598 min Scan# 1616

Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

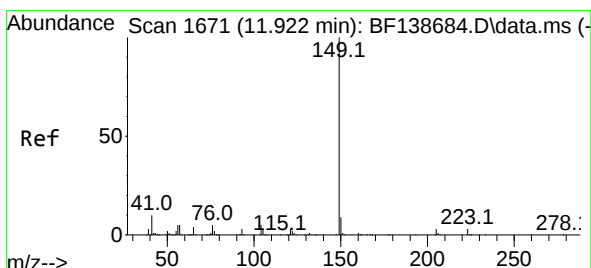
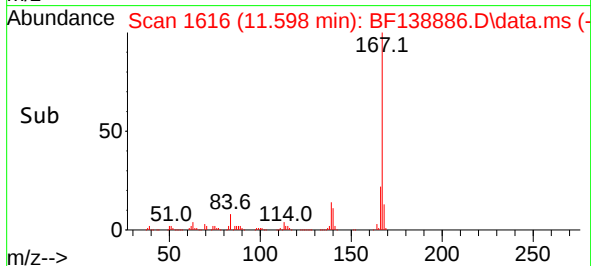
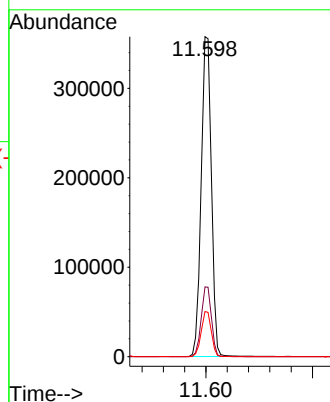
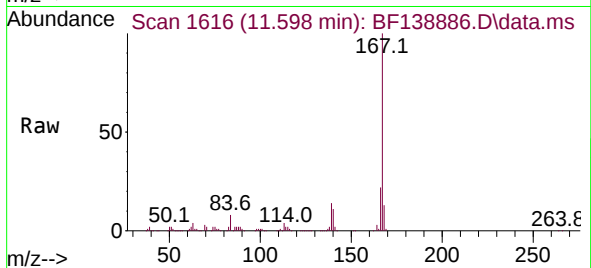
Tgt Ion:167	Resp: 475209
Ion Ratio	Lower Upper
167 100	
166 21.8	17.2 25.8
139 14.1	10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#74

Di-n-butylphthalate

Concen: 55.806 ng

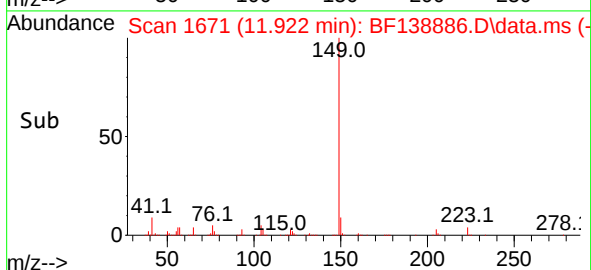
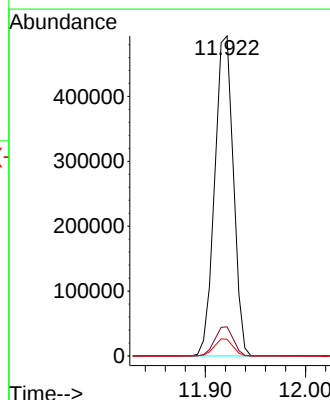
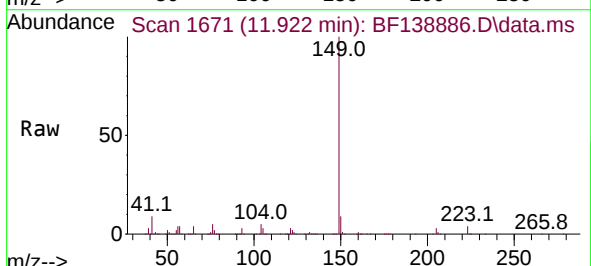
RT: 11.922 min Scan# 1671

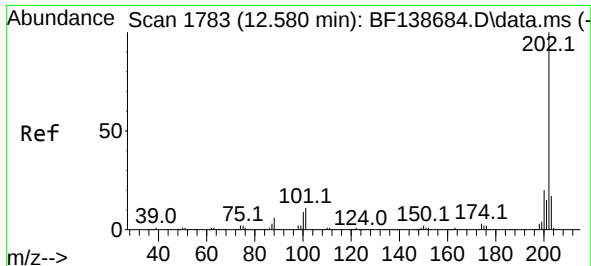
Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

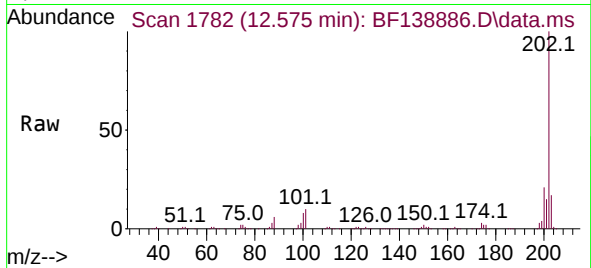
Tgt Ion:149	Resp: 637976
Ion Ratio	Lower Upper
149 100	
150 9.1	7.4 11.0
104 5.2	4.1 6.1





#75
Fluoranthene
Concen: 48.844 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

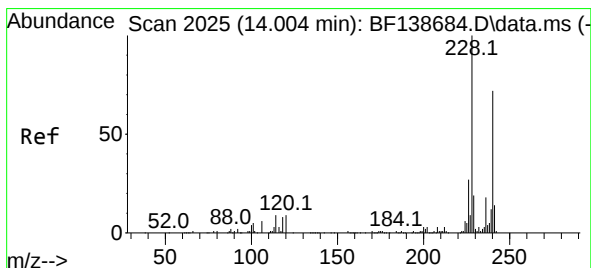
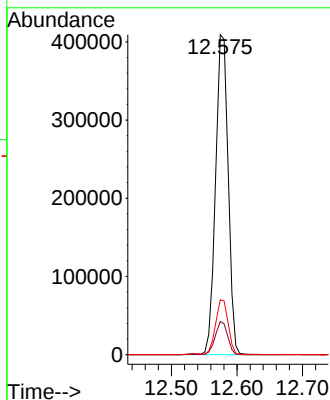
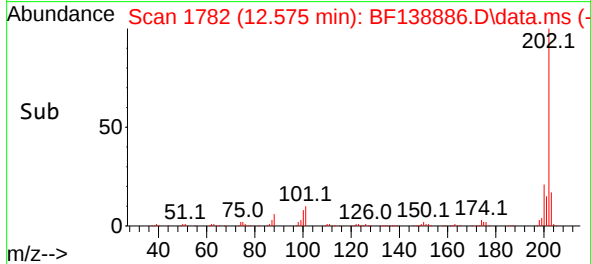
Instrument :
BNA_F
ClientSampleId :
PB162489BS



Tgt Ion:202 Resp: 54559
Ion Ratio Lower Upper
202 100
101 10.3 0.0 31.2
203 17.1 0.0 37.3

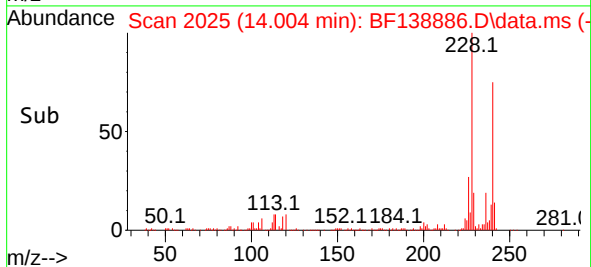
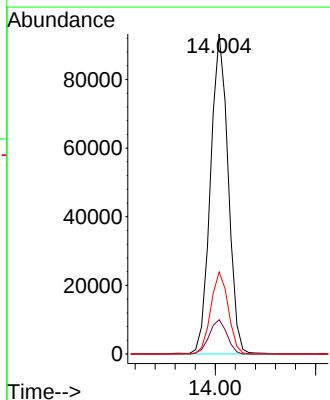
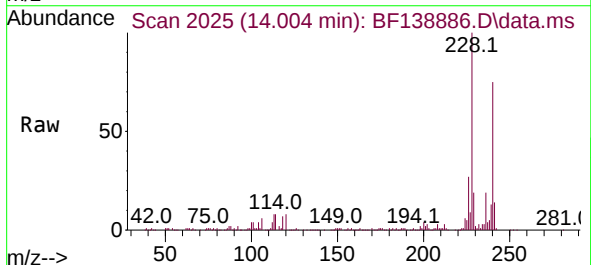
Manual Integrations
APPROVED

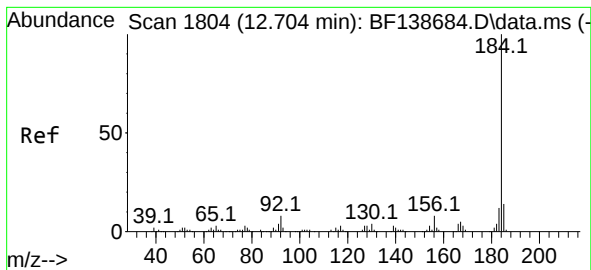
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:240 Resp: 113862
Ion Ratio Lower Upper
240 100
120 10.7 10.2 15.4
236 25.6 19.8 29.8





#77

Benzidine

Concen: 13.101 ng

RT: 12.698 min Scan# 1803

Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

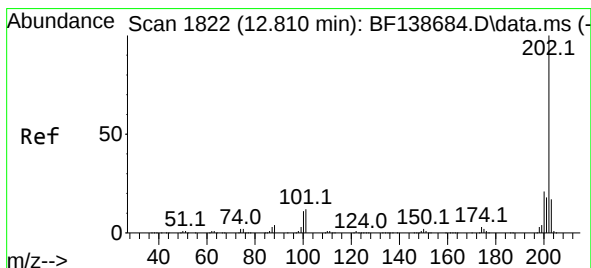
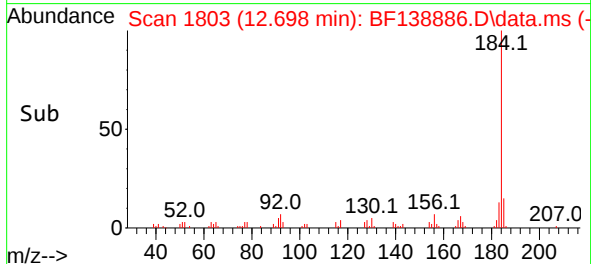
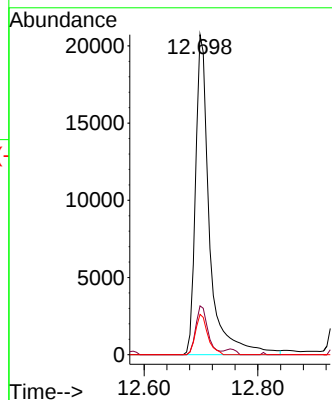
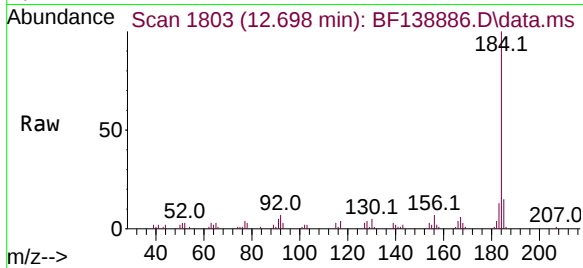
Tgt Ion:184	Resp:	35679
Ion Ratio	Lower	Upper
184	100	
185	15.3	11.1 16.7
183	12.6	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#78

Pyrene

Concen: 50.108 ng

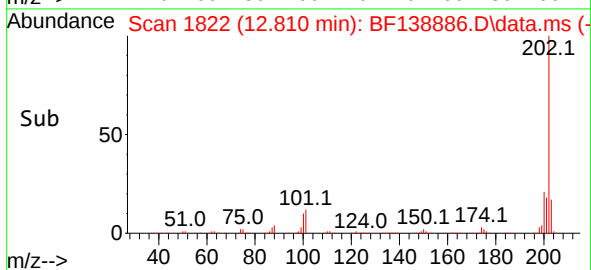
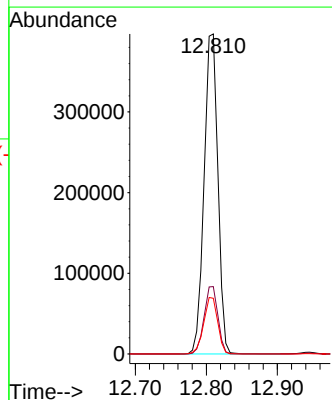
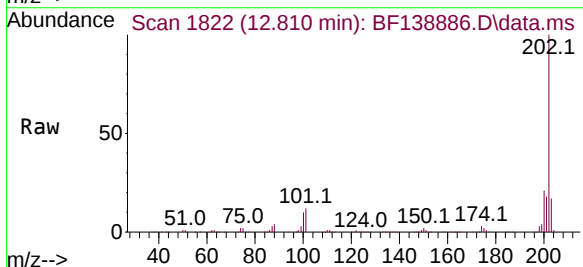
RT: 12.810 min Scan# 1822

Delta R.T. 0.000 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Tgt Ion:202	Resp:	537177
Ion Ratio	Lower	Upper
202	100	
200	21.1	16.8 25.2
203	17.4	13.8 20.6





#79

Terphenyl-d14

Concen: 116.392 ng

RT: 12.945 min Scan# 1845

Delta R.T. 0.000 min

Lab File: BF138886.D

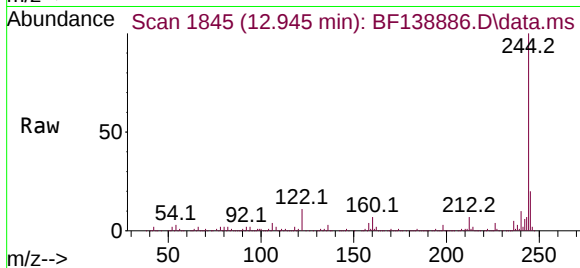
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS



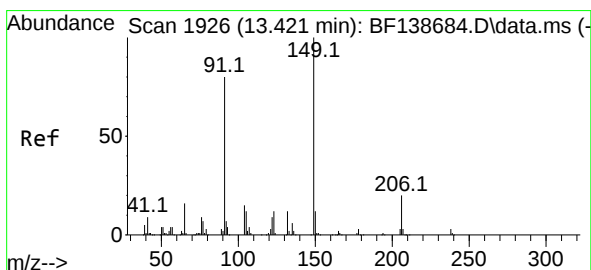
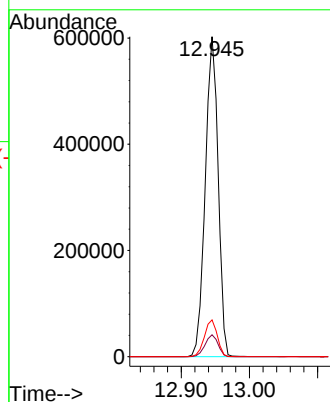
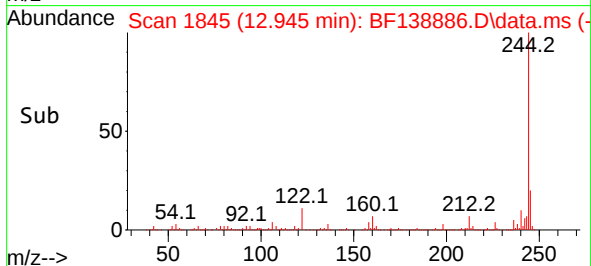
Tgt Ion:	244	Resp:	791548
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.2
122	11.5	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#80

Butylbenzylphthalate

Concen: 56.722 ng

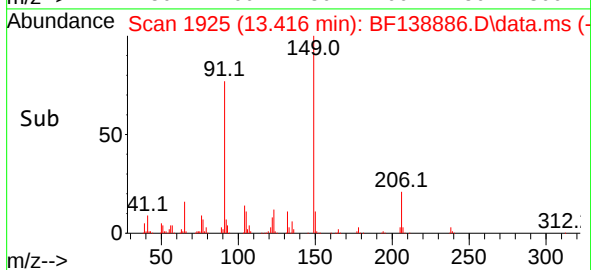
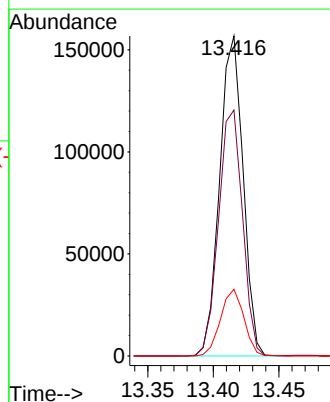
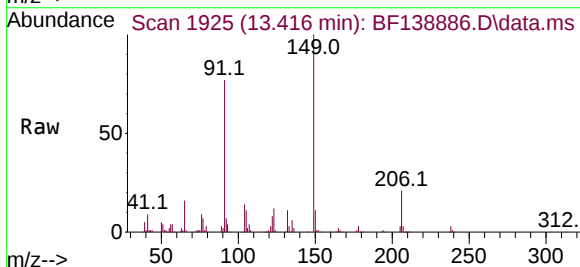
RT: 13.416 min Scan# 1925

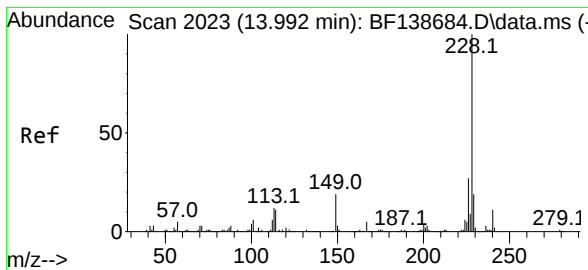
Delta R.T. -0.006 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

Tgt Ion:	149	Resp:	194726
Ion Ratio	Lower	Upper	
149	100		
91	76.8	63.7	95.5
206	20.8	16.2	24.2





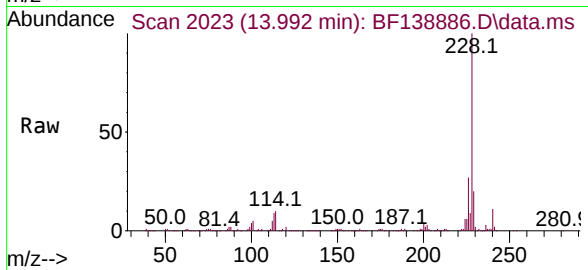
#81
Benzo(a)anthracene
Concen: 46.931 ng
RT: 13.992 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS

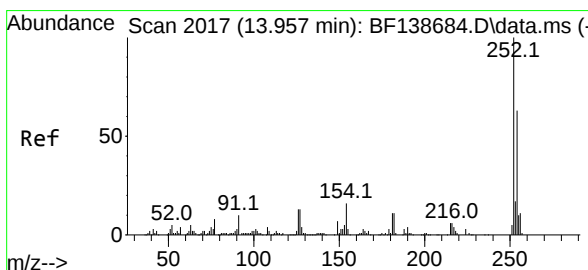
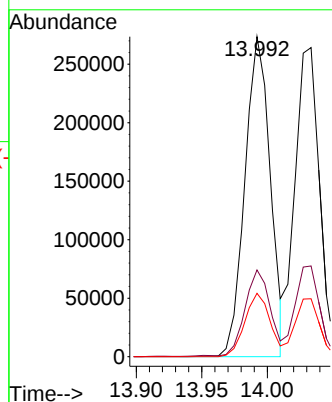
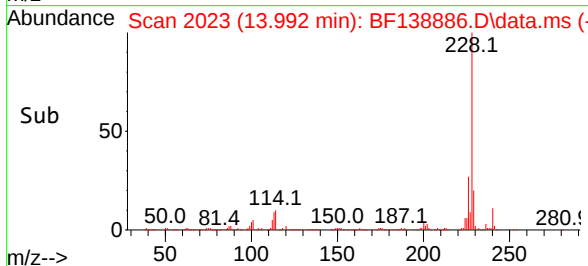


Tgt Ion:228 Resp: 367979
Ion Ratio Lower Upper
228 100
226 27.1 22.1 33.1
229 19.8 15.4 23.0

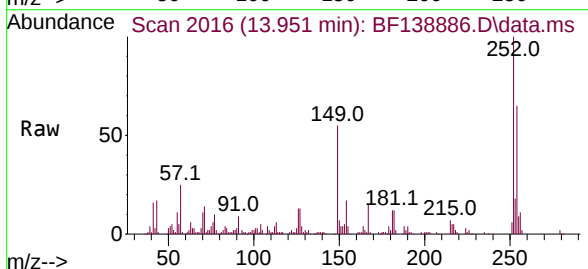
Manual Integrations

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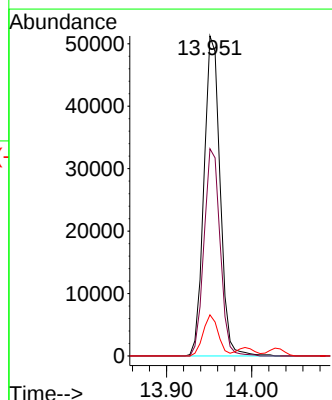
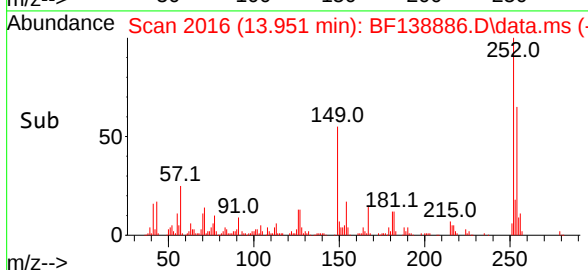
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024

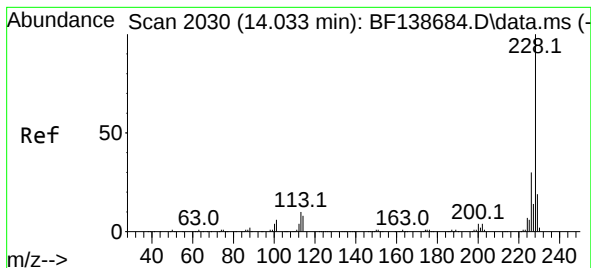


#82
3,3'-Dichlorobenzidine
Concen: 33.568 ng
RT: 13.951 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:252 Resp: 67353
Ion Ratio Lower Upper
252 100
254 64.8 50.8 76.2
126 12.8 10.2 15.2





#83

Chrysene

Concen: 48.235 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF138886.D

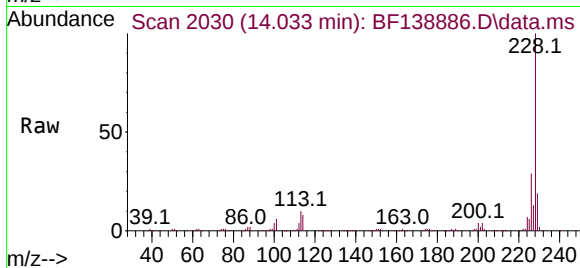
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS



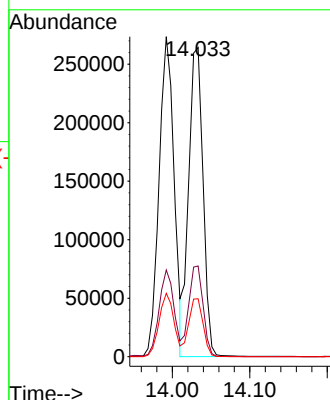
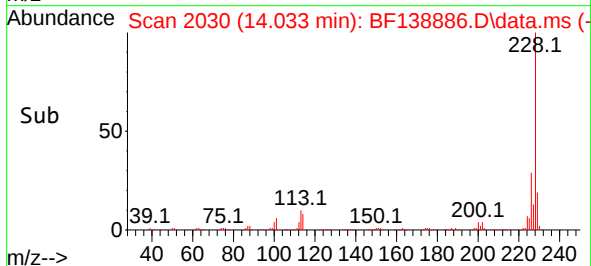
Tgt Ion:	228	Resp:	34121
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.7	35.5
229	18.8	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/10/2024

Supervised By :mohammad ahmed 08/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.482 ng

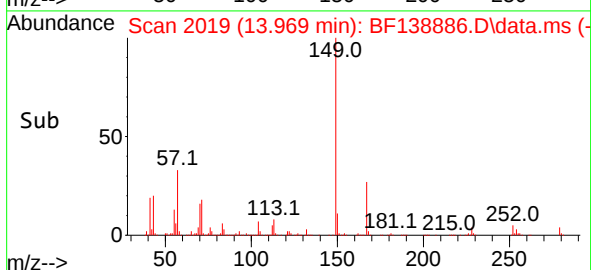
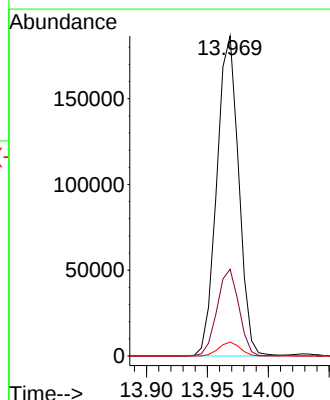
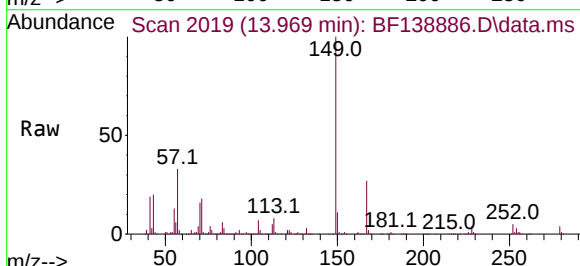
RT: 13.969 min Scan# 2019

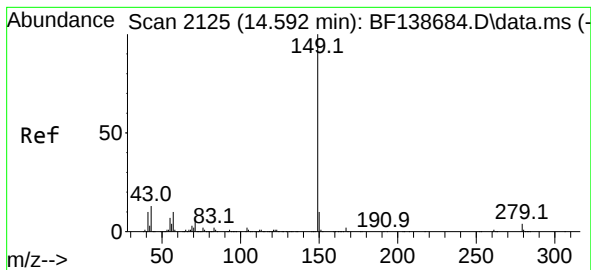
Delta R.T. -0.012 min

Lab File: BF138886.D

Acq: 09 Aug 2024 13:25

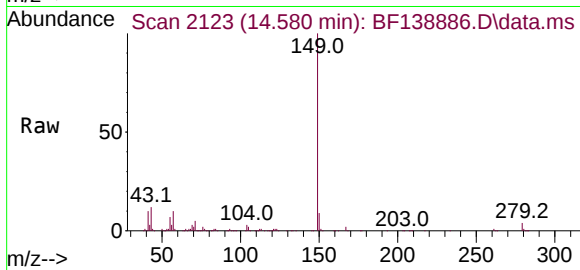
Tgt Ion:	149	Resp:	233665
Ion Ratio	Lower	Upper	
149	100		
167	27.1	22.2	33.4
279	4.4	3.4	5.0





#85
Di-n-octyl phthalate
Concen: 38.907 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

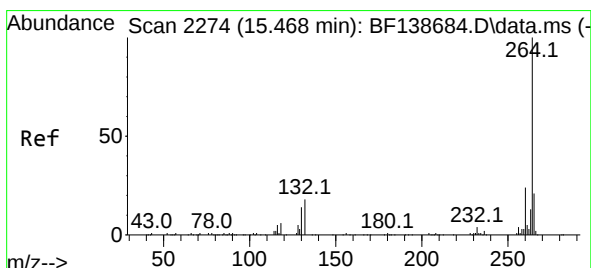
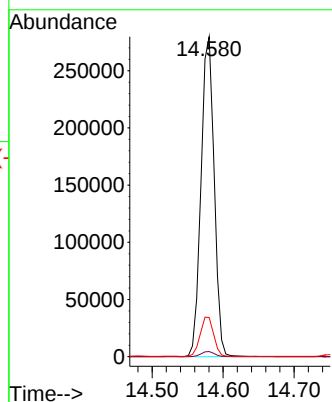
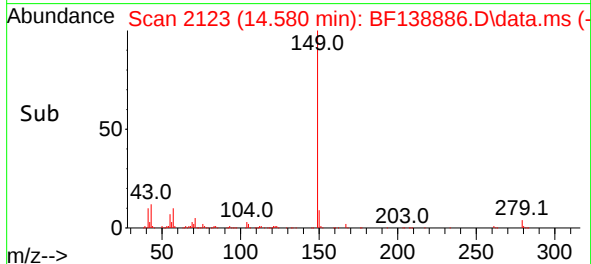
Instrument :
BNA_F
ClientSampleId :
PB162489BS



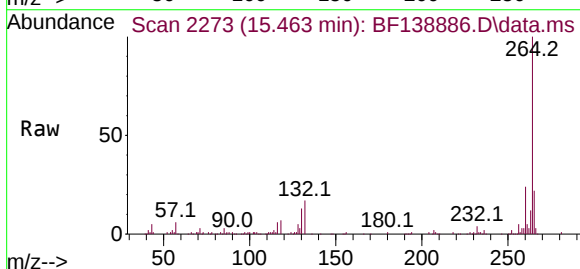
Tgt Ion:149 Resp: 361869
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 12.6 10.4 15.6

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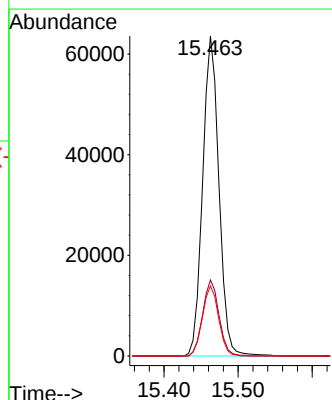
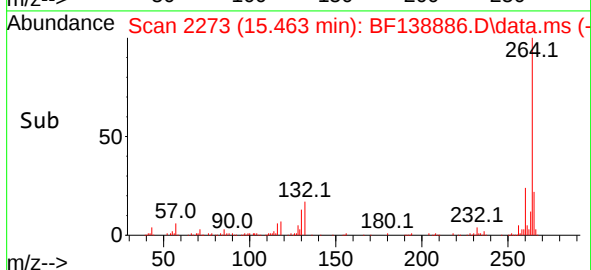
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2273
Delta R.T. -0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:264 Resp: 96864
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 21.9 17.0 25.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.180 ng
RT: 16.945 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

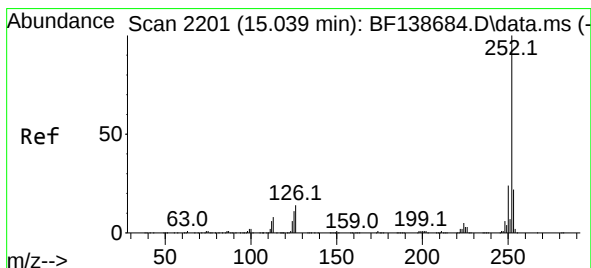
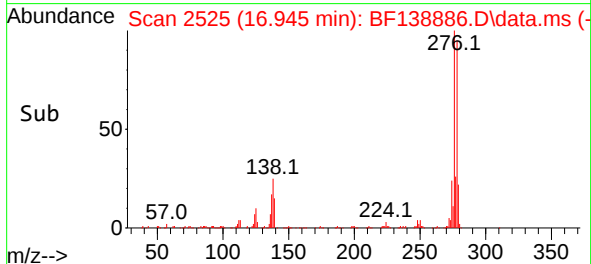
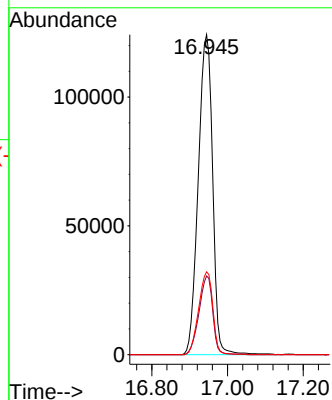
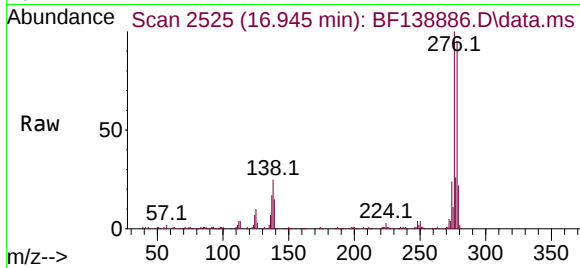
ClientSampleId :

PB162489BS

Tgt Ion:276 Resp: 327500
Ion Ratio Lower Upper
276 100
138 23.4 21.8 32.8
277 25.5 20.6 30.8

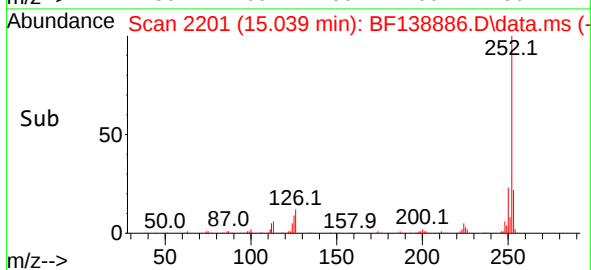
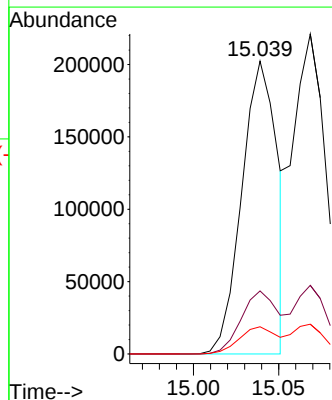
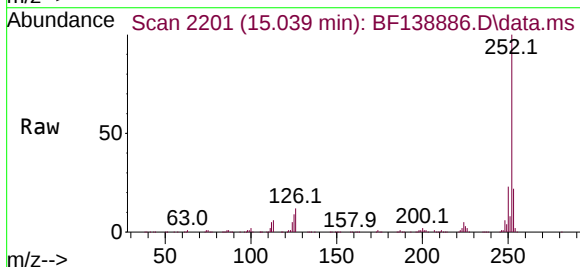
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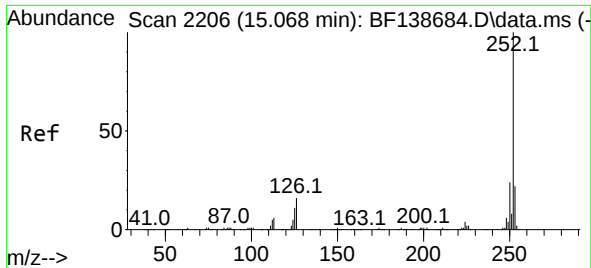
Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#88
Benzo(b)fluoranthene
Concen: 48.734 ng
RT: 15.039 min Scan# 2201
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:252 Resp: 292630
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.3 8.9 13.3





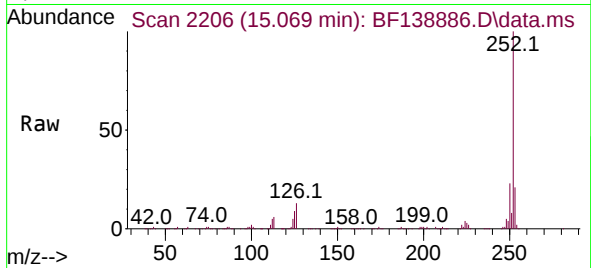
#89
Benzo(k)fluoranthene
Concen: 57.454 ng
RT: 15.069 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

ClientSampleId :

PB162489BS



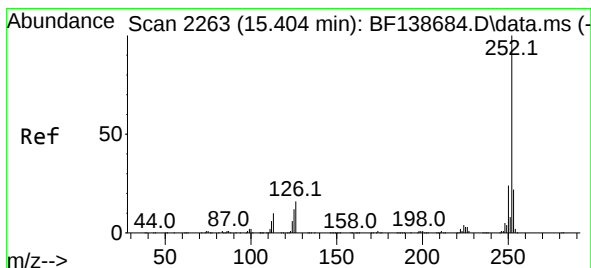
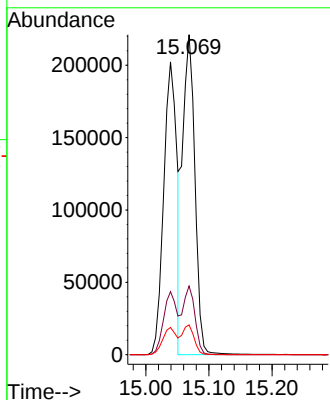
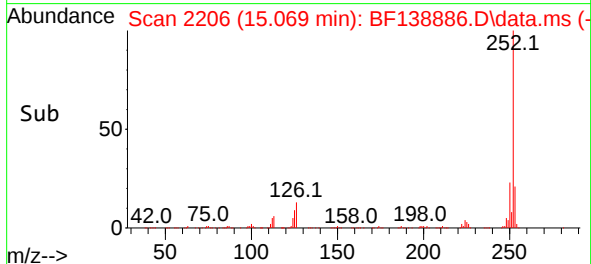
Tgt Ion:252 Resp: 298698
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 9.3 8.6 13.0

Manual Integrations

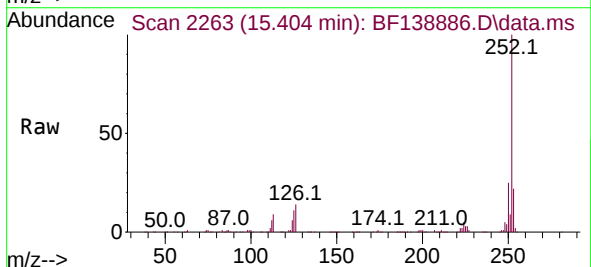
APPROVED

Reviewed By :Yogesh Patel 08/10/2024

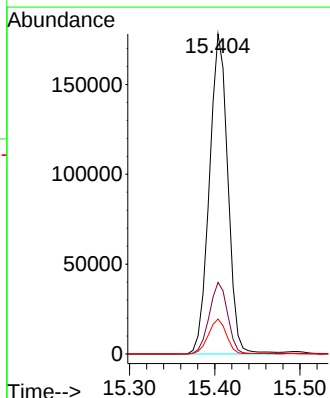
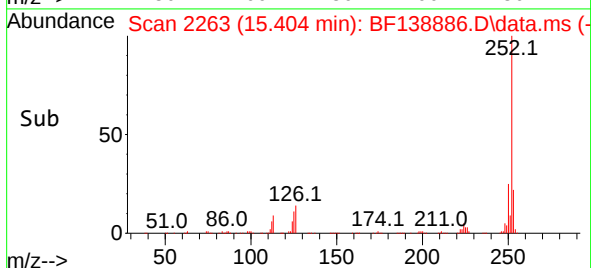
Supervised By :mohammad ahmed 08/12/2024

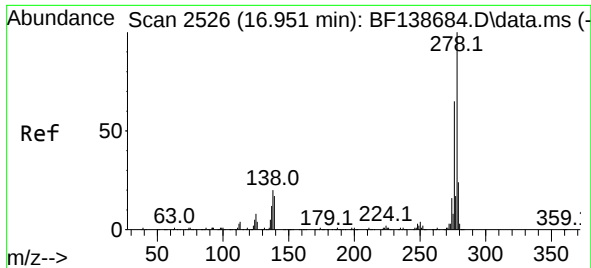


#90
Benzo(a)pyrene
Concen: 53.042 ng
RT: 15.404 min Scan# 2263
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25



Tgt Ion:252 Resp: 267903
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 10.9 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 46.690 ng
RT: 16.951 min Scan# 2100
Delta R.T. 0.000 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Instrument :

BNA_F

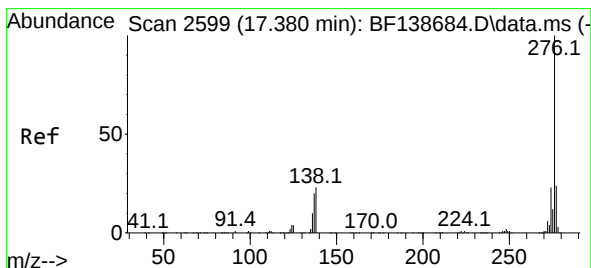
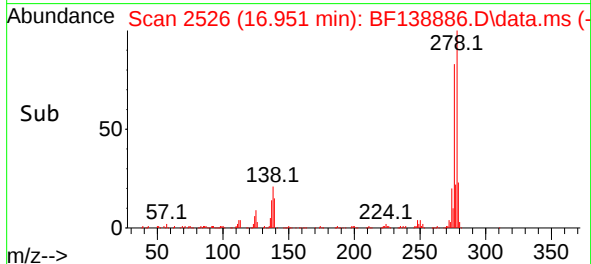
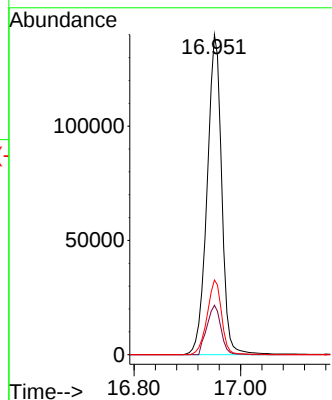
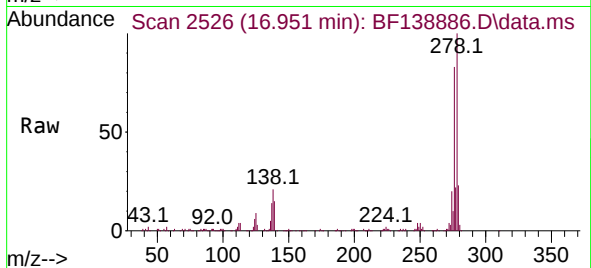
ClientSampleId :

PB162489BS

Tgt Ion:278 Resp: 266048
Ion Ratio Lower Upper
278 100
139 15.4 14.0 21.0
279 23.4 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/10/2024
Supervised By :mohammad ahmed 08/12/2024



#92
Benzo(g,h,i)perylene
Concen: 41.158 ng
RT: 17.386 min Scan# 2600
Delta R.T. 0.006 min
Lab File: BF138886.D
Acq: 09 Aug 2024 13:25

Tgt Ion:276 Resp: 243369
Ion Ratio Lower Upper
276 100
277 22.5 19.0 28.4
138 19.5 18.5 27.7

