

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138928.D
 Acq On : 12 Aug 2024 12:07
 Operator : RC/JU
 Sample : PB162605BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162605BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024

Quant Time: Aug 12 12:38:54 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	49606	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	200959	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	114175	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	195578	20.000	ng	0.00
76) Chrysene-d12	14.004	240	89281	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	91704	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	414234	128.902	ng	0.02
7) Phenol-d6	6.492	99	542975	125.848	ng	0.00
23) Nitrobenzene-d5	7.410	82	358529	87.227	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	127442	136.266	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	654031	86.068	ng	0.00
79) Terphenyl-d14	12.945	244	613590	115.065	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.693	88	45382	32.257	ng	97
3) Pyridine	3.446	79	118553	34.785	ng	96
4) n-Nitrosodimethylamine	3.410	42	104635	51.549	ng	82
6) Aniline	6.510	93	118122	30.699	ng	# 10
8) 2-Chlorophenol	6.634	128	164808	48.745	ng	98
9) Benzaldehyde	6.398	77	88291	34.137	ng	99
10) Phenol	6.504	94	208687	45.939	ng	80
11) bis(2-Chloroethyl)ether	6.581	93	152511	43.628	ng	99
12) 1,3-Dichlorobenzene	6.781	146	168475	44.515	ng	98
13) 1,4-Dichlorobenzene	6.857	146	170482	44.636	ng	98
14) 1,2-Dichlorobenzene	7.010	146	163143	45.705	ng	99
15) Benzyl Alcohol	6.992	79	155852	50.118	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	259968	43.212	ng	# 47
17) 2-Methylphenol	7.110	107	129691	46.453	ng	# 85
18) Hexachloroethane	7.345	117	66589	46.316	ng	99
19) n-Nitroso-di-n-propyla...	7.263	70	124867	47.917	ng	98
20) 3+4-Methylphenols	7.263	107	173418	48.413	ng	# 80
22) Acetophenone	7.257	105	220850	44.884	ng	98
24) Nitrobenzene	7.428	77	186383	44.562	ng	99
25) Isophorone	7.669	82	329348	46.925	ng	98
26) 2-Nitrophenol	7.745	139	84547	46.985	ng	94
27) 2,4-Dimethylphenol	7.787	122	108661	50.470	ng	97
28) bis(2-Chloroethoxy)met...	7.875	93	188529	44.110	ng	99
29) 2,4-Dichlorophenol	7.992	162	133004	48.075	ng	100
30) 1,2,4-Trichlorobenzene	8.063	180	144604	45.292	ng	99
31) Naphthalene	8.145	128	475484	44.951	ng	99
32) Benzoic acid	7.939	122	57845	34.179	ng	95
33) 4-Chloroaniline	8.198	127	78121	22.001	ng	96
34) Hexachlorobutadiene	8.251	225	90190	46.639	ng	98
35) Caprolactam	8.586	113	37894m	45.904	ng	
36) 4-Chloro-3-methylphenol	8.698	107	154084	48.733	ng	100
37) 2-Methylnaphthalene	8.833	142	311563	46.638	ng	100
38) 1-Methylnaphthalene	8.933	142	287958	43.988	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	134261	42.332	ng	99
41) Hexachlorocyclopentadiene	8.981	237	82365	96.536	ng	100
43) 2,4,6-Trichlorophenol	9.122	196	85803	44.370	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	91127	43.106	ng	100
46) 1,1'-Biphenyl	9.298	154	372682	41.678	ng	99
47) 2-Chloronaphthalene	9.328	162	291284	43.799	ng	100
48) 2-Nitroaniline	9.433	65	104759	46.465	ng	100
49) Acenaphthylene	9.739	152	461854	48.965	ng	99
50) Dimethylphthalate	9.604	163	351254	48.114	ng	100
51) 2,6-Dinitrotoluene	9.675	165	77001	46.736	ng	95
52) Acenaphthene	9.910	154	277737	43.803	ng	99
53) 3-Nitroaniline	9.845	138	52432	30.784	ng	96
54) 2,4-Dinitrophenol	9.963	184	65855	86.830	ng	91
55) Dibenzofuran	10.086	168	413921	46.246	ng	98
56) 4-Nitrophenol	10.028	139	73345	71.609	ng	90
57) 2,4-Dinitrotoluene	10.080	165	102246	48.641	ng #	81
58) Fluorene	10.428	166	340711	47.802	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	75715	46.847	ng	94
60) Diethylphthalate	10.298	149	347012	50.131	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	165314	47.159	ng	96
62) 4-Nitroaniline	10.463	138	69241	42.778	ng	89
63) Azobenzene	10.575	77	358157	46.651	ng	96
65) 4,6-Dinitro-2-methylph...	10.492	198	55844	46.802	ng	96
66) n-Nitrosodiphenylamine	10.539	169	285296	46.668	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	95893	45.286	ng	97
68) Hexachlorobenzene	10.975	284	99566	45.540	ng	99
69) Atrazine	11.069	200	84417	53.522	ng	98
70) Pentachlorophenol	11.180	266	72648	73.719	ng	99
71) Phenanthrene	11.392	178	478911	47.555	ng	99
72) Anthracene	11.439	178	481422	48.525	ng	100
73) Carbazole	11.598	167	401931	46.958	ng	99
74) Di-n-butylphthalate	11.916	149	499285	51.889	ng	100
75) Fluoranthene	12.580	202	439113	46.706	ng	98
77) Benzidine	12.704	184	31027	14.530	ng	98
78) Pyrene	12.804	202	434181	51.651	ng	100
80) Butylbenzylphthalate	13.416	149	137232	50.980	ng	98
81) Benzo(a)anthracene	13.992	228	283608	46.130	ng	100
82) 3,3'-Dichlorobenzidine	13.957	252	53577	34.053	ng	98
83) Chrysene	14.027	228	266108	47.975	ng	99
84) Bis(2-ethylhexyl)phtha...	13.968	149	166631	42.273	ng	99
85) Di-n-octyl phthalate	14.580	149	292690	40.133	ng	100
87) Indeno(1,2,3-cd)pyrene	16.951	276	314038	47.785	ng	97
88) Benzo(b)fluoranthene	15.039	252	280632	49.366	ng	99
89) Benzo(k)fluoranthene	15.068	252	237312	48.215	ng	98
90) Benzo(a)pyrene	15.410	252	248942	52.061	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	254752	47.223	ng	97
92) Benzo(g,h,i)perylene	17.392	276	241447	43.131	ng	97

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 80
Delta R.T. -0.005 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

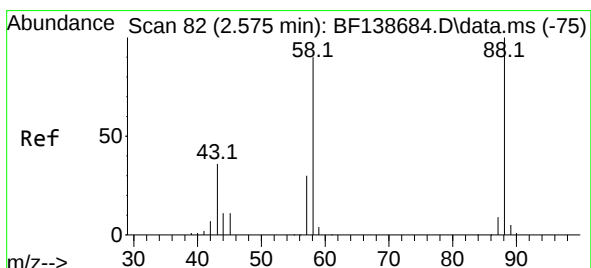
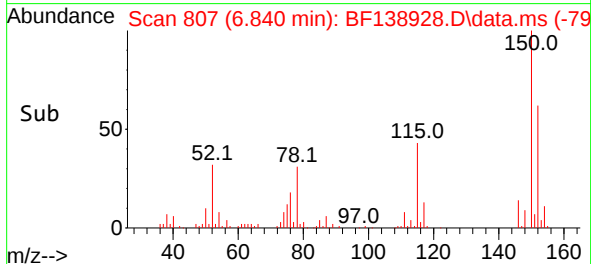
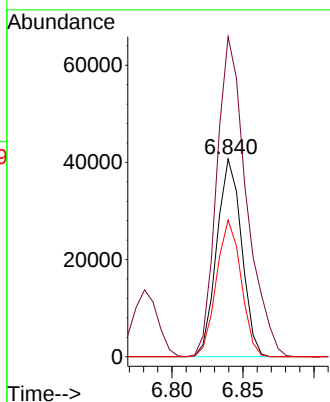
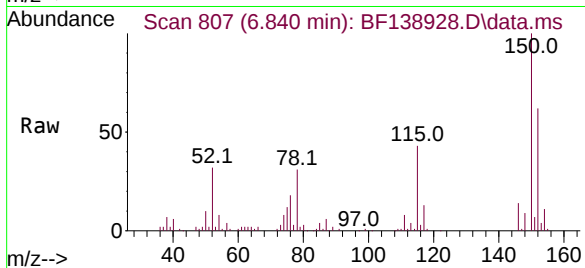
PB162605BS

Tgt Ion:152 Resp: 49600
Ion Ratio Lower Upper
152 100
150 161.8 126.0 189.0
115 69.1 51.7 77.5

Manual Integrations

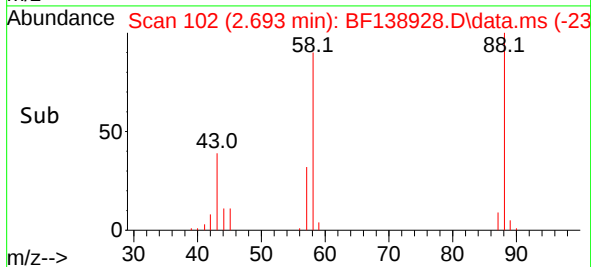
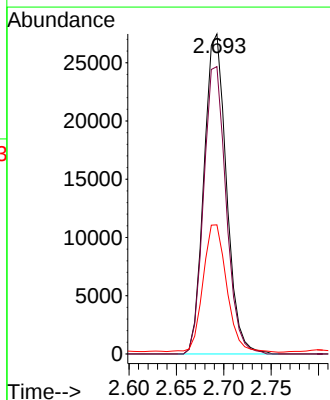
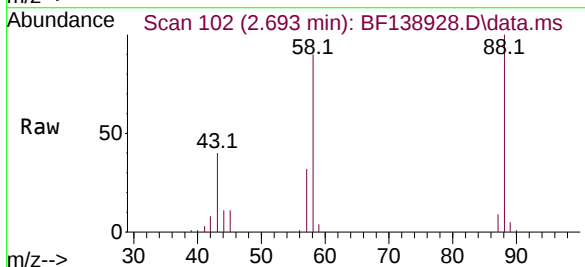
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Supervised By :mohammad ahmed 08/13/2024



#2
1,4-Dioxane
Concen: 32.257 ng
RT: 2.693 min Scan# 102
Delta R.T. 0.118 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 88 Resp: 45382
Ion Ratio Lower Upper
88 100
58 89.8 71.6 107.4
43 41.9 28.7 43.1





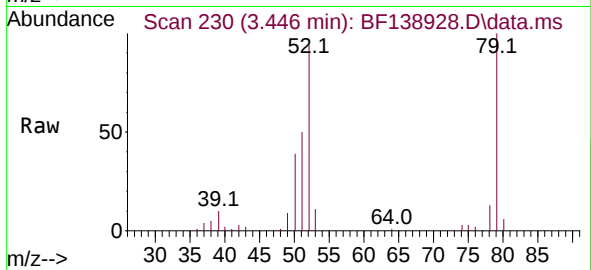
#3
Pyridine
Concen: 34.785 ng
RT: 3.446 min Scan# 211
Delta R.T. 0.112 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

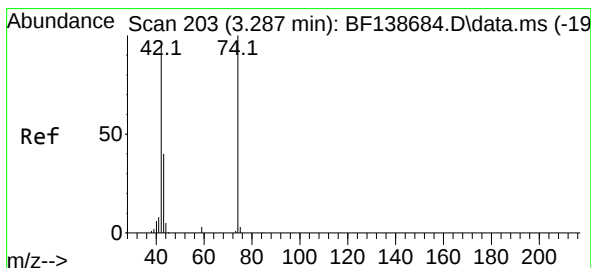
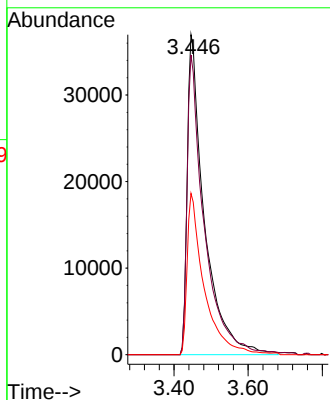
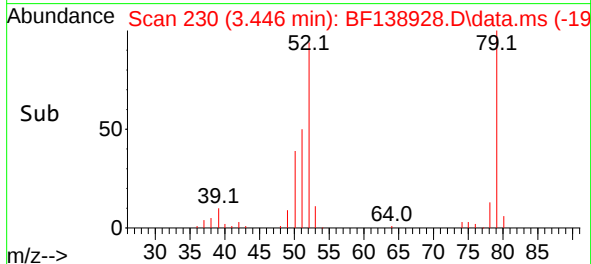


Tgt Ion: 79 Resp: 11855
Ion Ratio Lower Upper
79 100
52 93.6 74.7 112.1
51 50.4 34.6 51.8

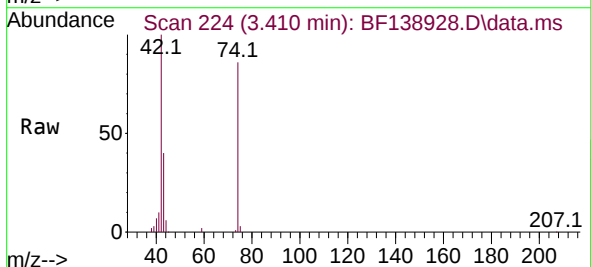
Manual Integrations

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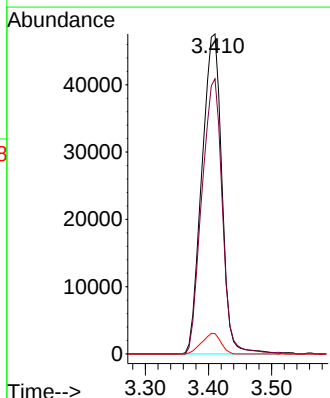
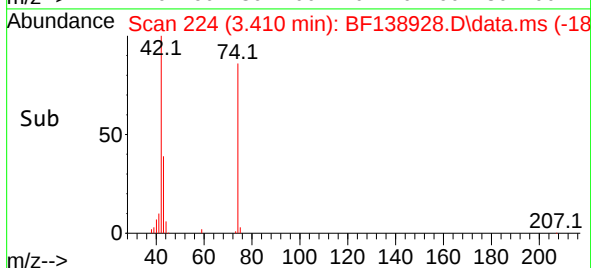
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#4
n-Nitrosodimethylamine
Concen: 51.549 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.123 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion: 42 Resp: 104635
Ion Ratio Lower Upper
42 100
74 86.0 84.2 126.4
44 6.4 4.9 7.3





#5
2-Fluorophenol
Concen: 128.902 ng
RT: 5.487 min Scan# 512
Delta R.T. 0.018 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

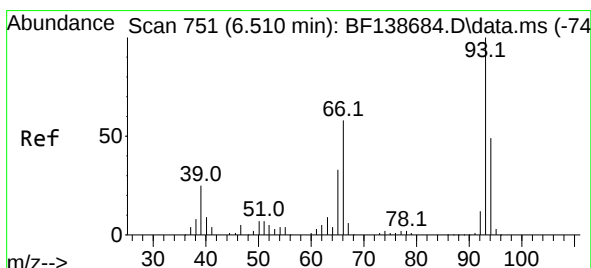
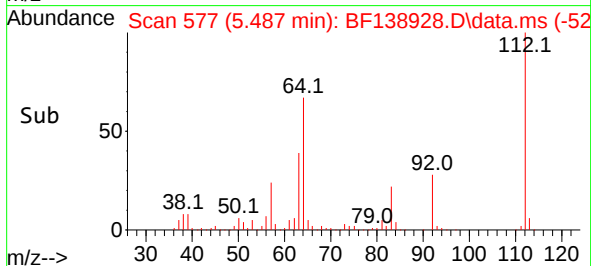
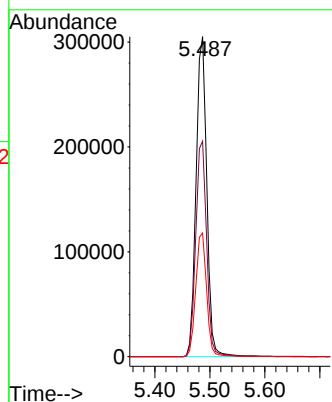
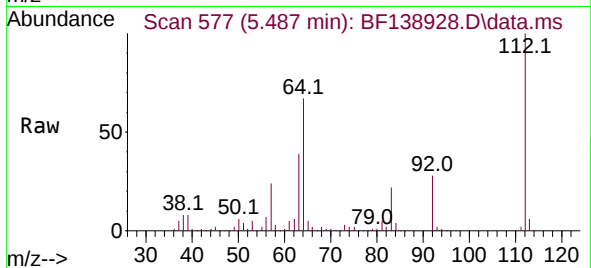
PB162605BS

Tgt Ion:112 Resp: 414234
Ion Ratio Lower Upper
112 100
64 67.4 54.2 81.4
63 38.6 28.7 43.1

Manual Integrations

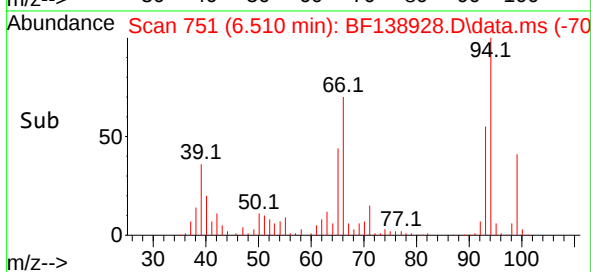
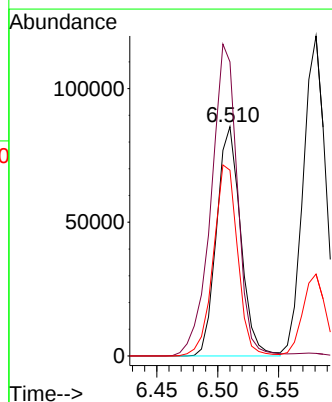
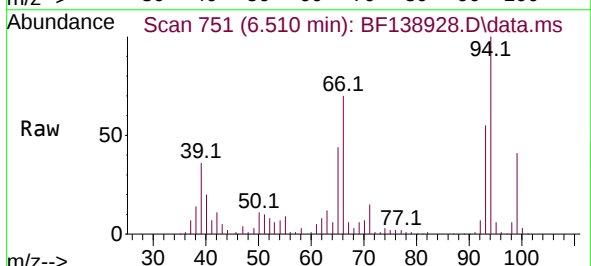
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Supervised By :mohammad ahmed 08/13/2024



#6
Aniline
Concen: 30.699 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 93 Resp: 118122
Ion Ratio Lower Upper
93 100
66 128.2 46.9 70.3#
65 81.0 26.5 39.7#





#7

Phenol-d6

Concen: 125.848 ng

RT: 6.492 min Scan# 747

Delta R.T. 0.006 min

Lab File: BF138928.D

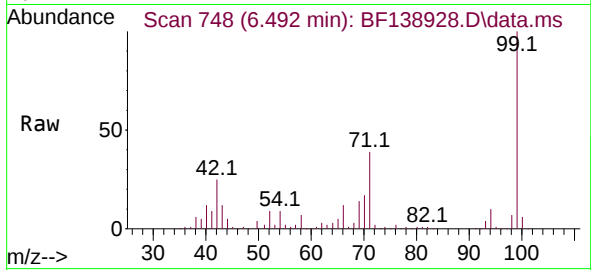
Acq: 12 Aug 2024 12:07

Instrument :

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Tgt Ion: 99 Resp: 542975

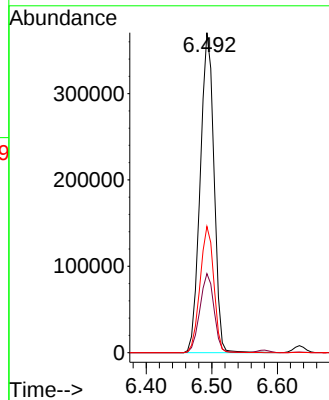
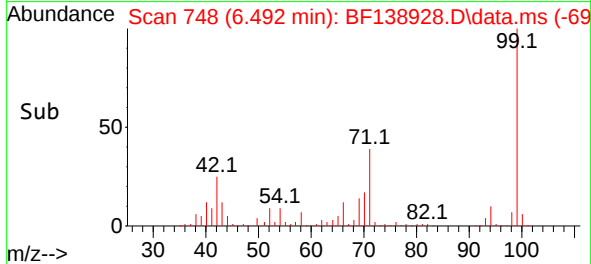
Ion	Ratio	Lower	Upper
99	100		
42	24.7	17.4	26.0
71	39.5	28.1	42.1

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#8

2-Chlorophenol

Concen: 48.745 ng

RT: 6.634 min Scan# 772

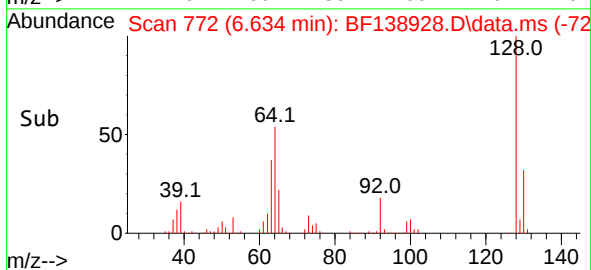
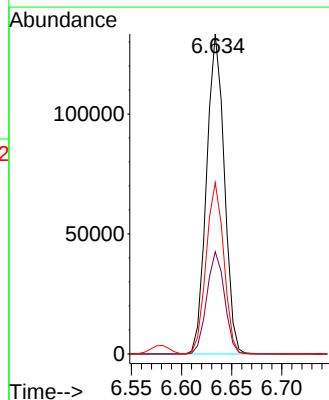
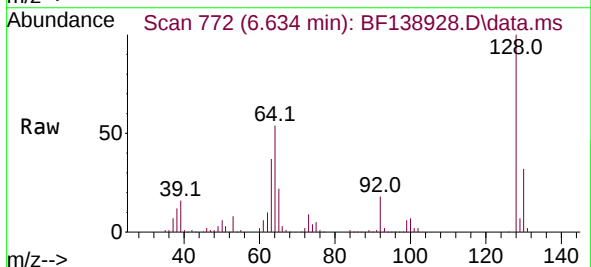
Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:128 Resp: 164808

Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	53.6	36.3	76.3





#9

Benzaldehyde

Concen: 34.137 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF138928.D

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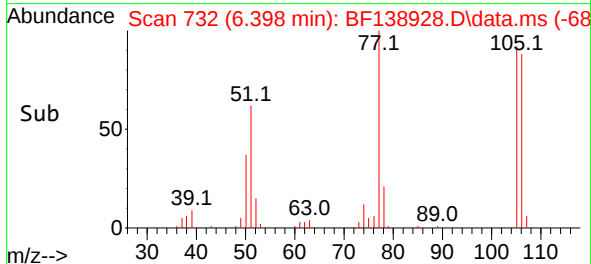
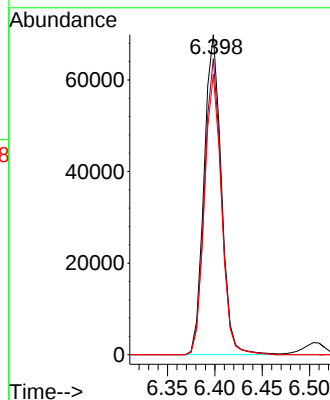
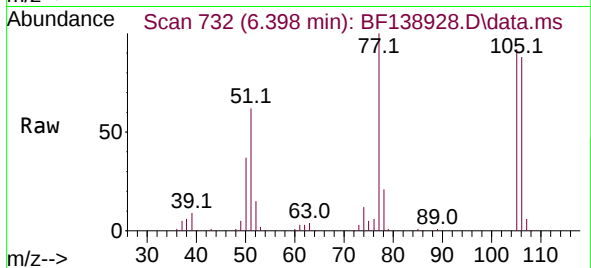
Tgt Ion:	77	Resp:	8829
Ion Ratio	Lower	Upper	
77	100		
105	92.5	72.9	112.9
106	87.6	68.4	108.4

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#10

Phenol

Concen: 45.939 ng

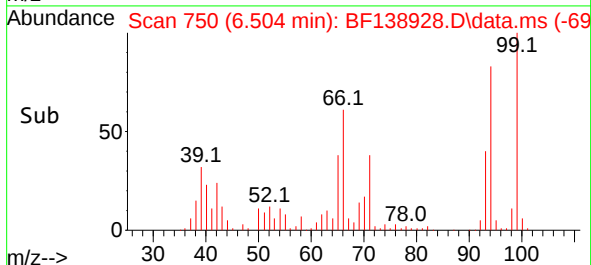
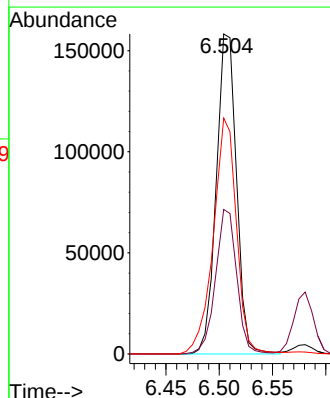
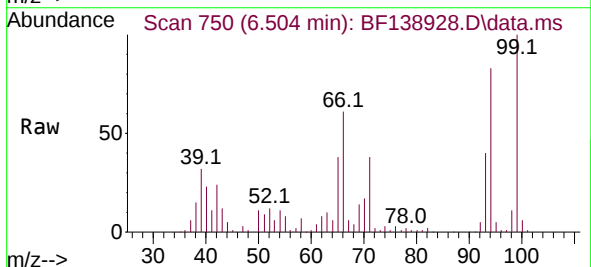
RT: 6.504 min Scan# 750

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:	94	Resp:	208687
Ion Ratio	Lower	Upper	
94	100		
65	45.1	16.9	56.9
66	73.7	36.5	76.5





#11

bis(2-Chloroethyl)ether

Concen: 43.628 ng

RT: 6.581 min Scan# 764

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

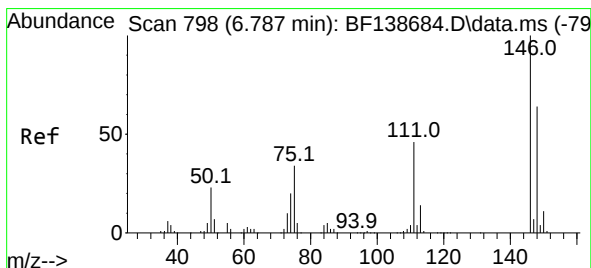
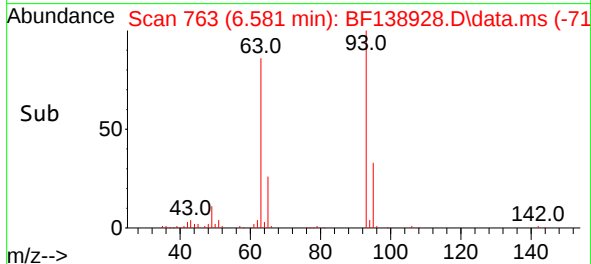
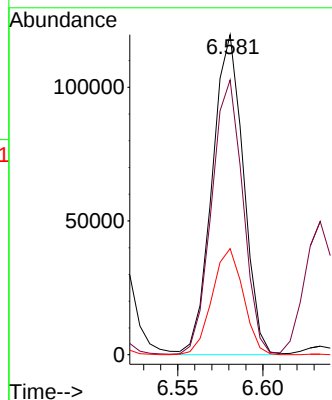
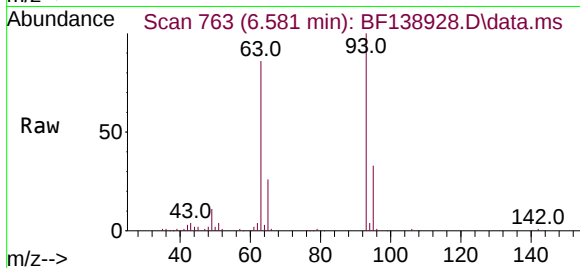
Tgt Ion:	93	Resp:	15251
Ion	Ratio	Lower	Upper
93	100		
63	85.8	65.3	105.3
95	33.1	12.4	52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#12

1,3-Dichlorobenzene

Concen: 44.515 ng

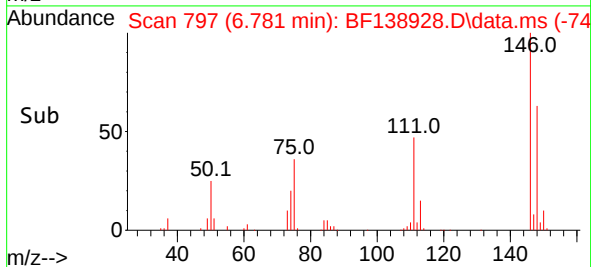
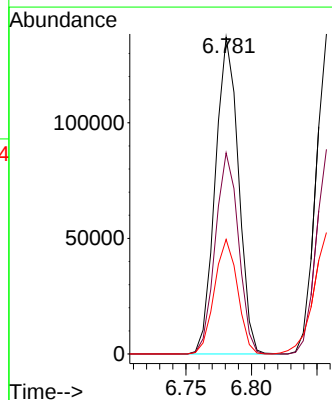
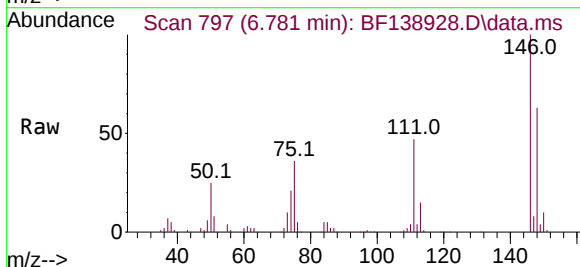
RT: 6.781 min Scan# 797

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:	146	Resp:	168475
Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	36.1	27.4	41.2





#13

1,4-Dichlorobenzene

Concen: 44.636 ng

RT: 6.857 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

Tgt Ion:146 Resp: 17048

Ion Ratio Lower Upper

146 100

148 63.9 50.2 75.2

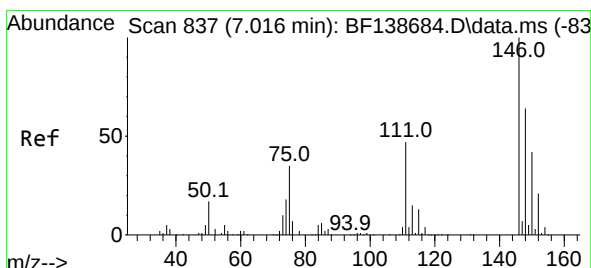
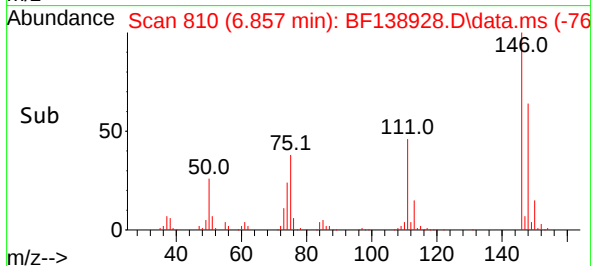
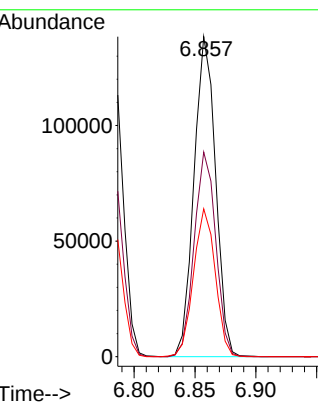
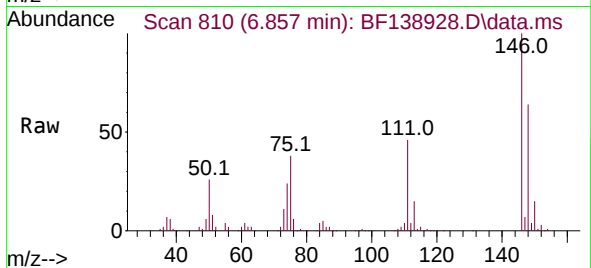
111 46.2 35.9 53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#14

1,2-Dichlorobenzene

Concen: 45.705 ng

RT: 7.010 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

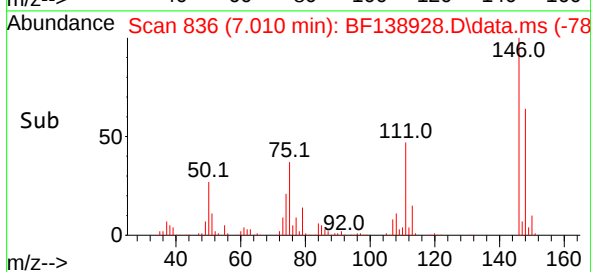
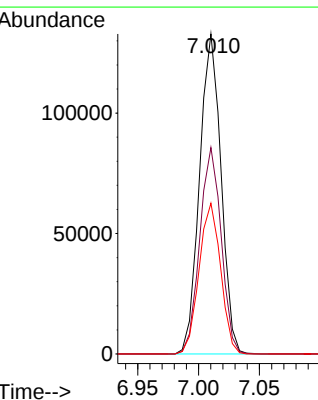
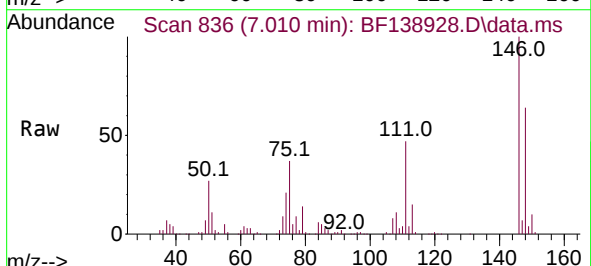
Tgt Ion:146 Resp: 163143

Ion Ratio Lower Upper

146 100

148 64.5 50.8 76.2

111 47.1 37.4 56.2





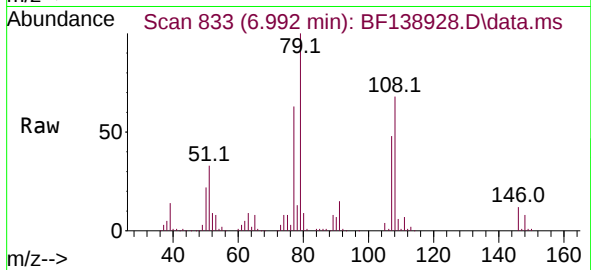
#15
Benzyl Alcohol
Concen: 50.118 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

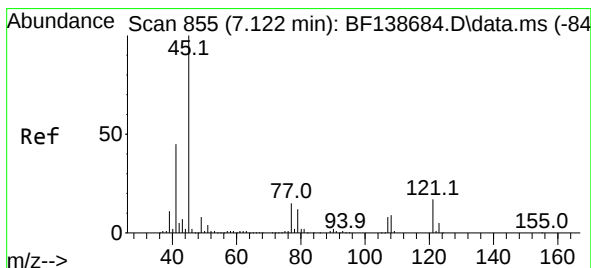
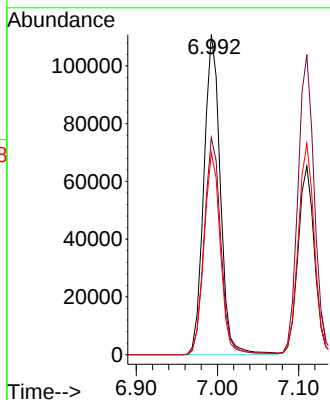
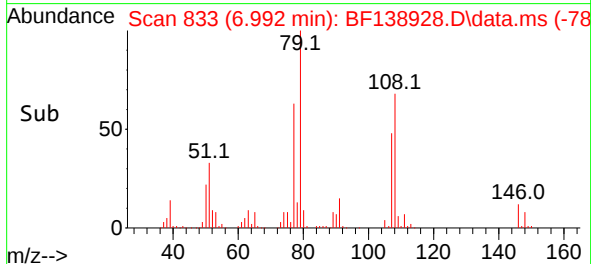
PB162605BS



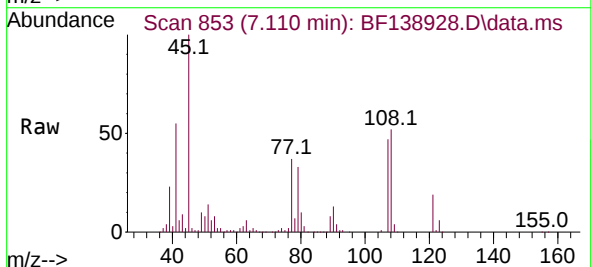
Tgt Ion: 79 Resp: 155852
Ion Ratio Lower Upper
79 100
108 67.8 56.6 85.0
77 63.1 50.3 75.5

Manual Integrations
APPROVED

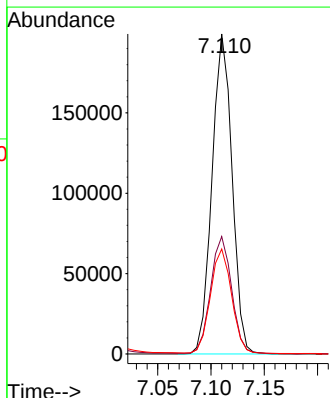
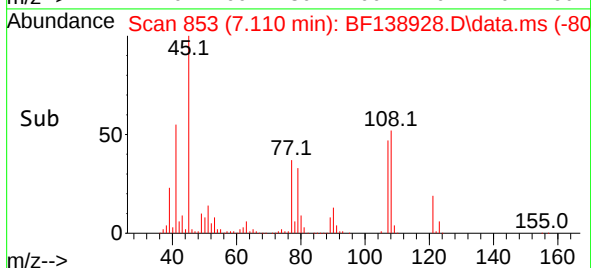
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

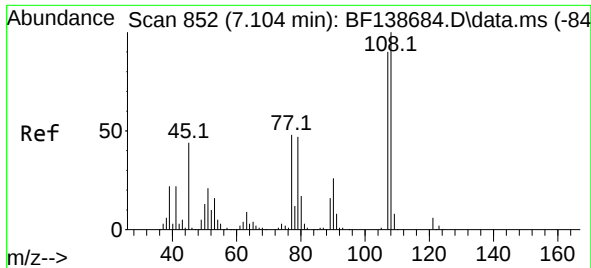


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.212 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion: 45 Resp: 259968
Ion Ratio Lower Upper
45 100
77 36.7 0.0 34.9#
79 32.8 0.0 32.2#





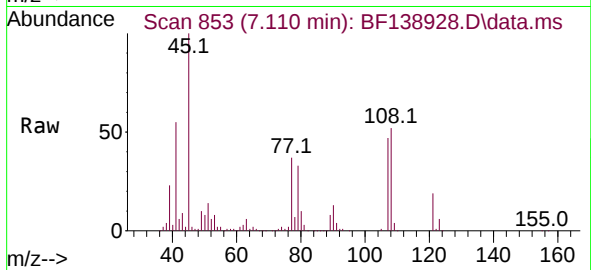
#17
2-Methylphenol
Concen: 46.453 ng
RT: 7.110 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

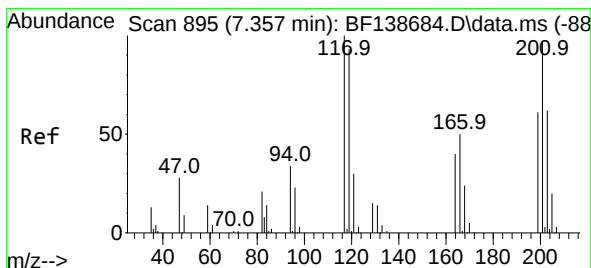
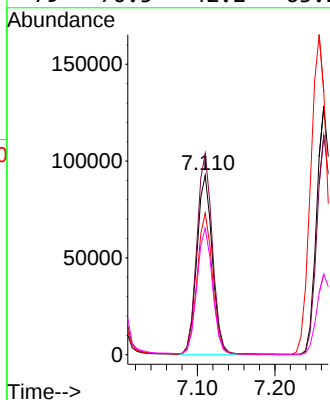
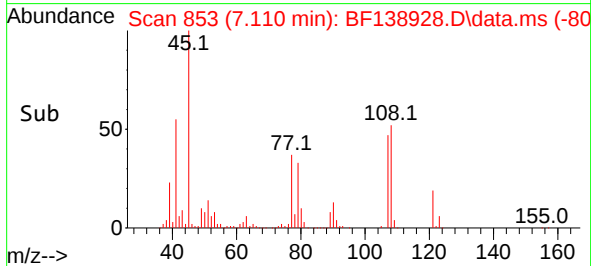


Tgt Ion:107 Resp: 12969
Ion Ratio Lower Upper
107 100
108 112.2 89.2 133.8
77 78.9 43.0 64.4
79 70.5 42.2 63.2

Manual Integrations

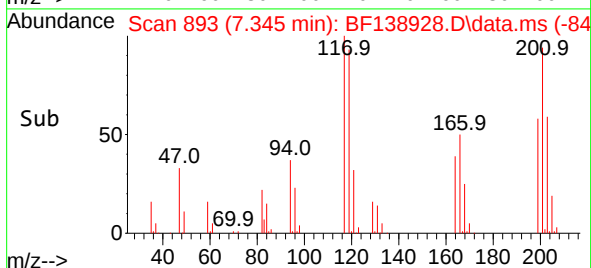
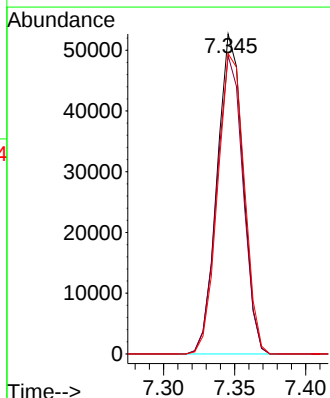
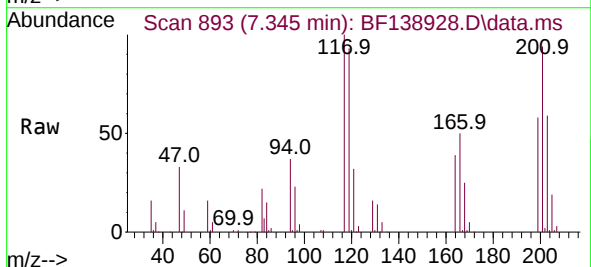
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 46.316 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:117 Resp: 66589
Ion Ratio Lower Upper
117 100
119 93.2 74.6 111.8
201 93.8 77.2 115.8





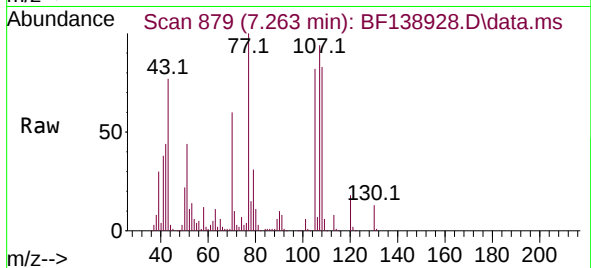
#19
n-Nitroso-di-n-propylamine
Concen: 47.917 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

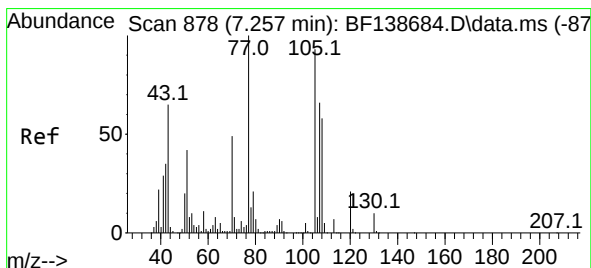
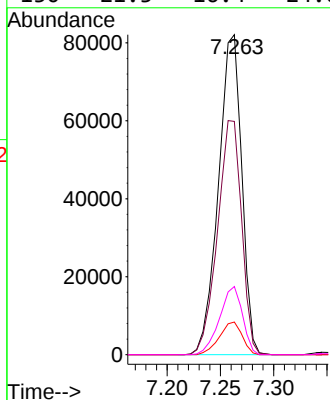
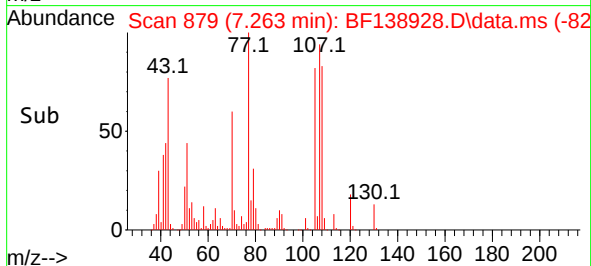


Tgt Ion: 70 Resp: 12486
Ion Ratio Lower Upper
70 100
42 72.9 57.4 86.0
101 10.2 7.5 11.3
130 21.3 16.4 24.6

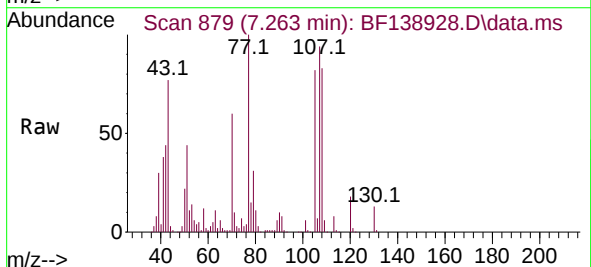
Manual Integrations

APPROVED

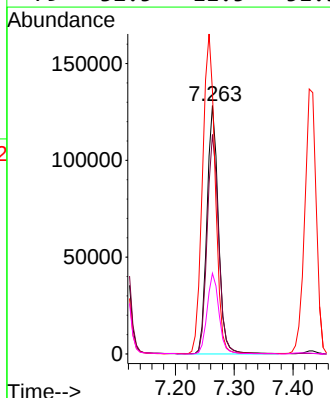
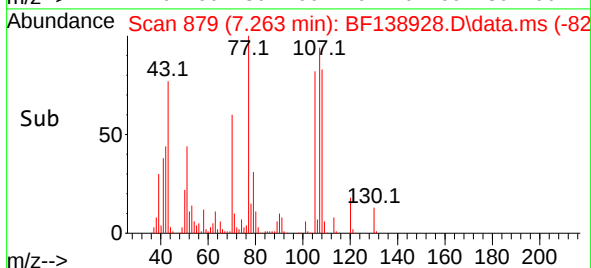
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

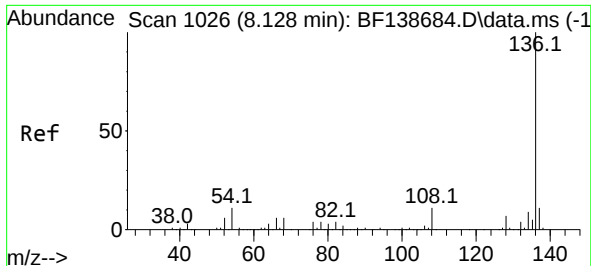


#20
3+4-Methylphenols
Concen: 48.413 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:107 Resp: 173418
Ion Ratio Lower Upper
107 100
108 88.3 68.2 108.2
77 105.9 132.1 172.1#
79 32.5 11.5 51.5





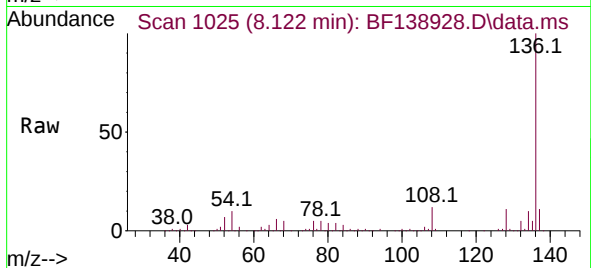
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

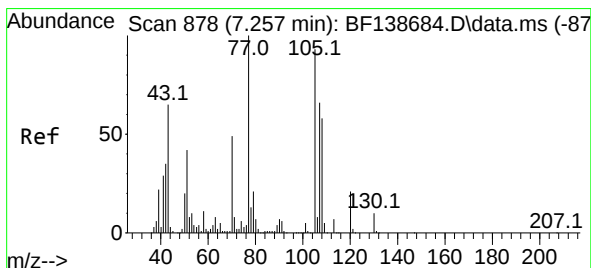
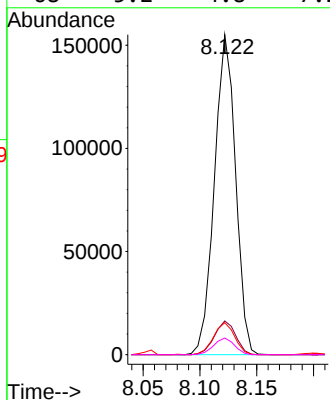
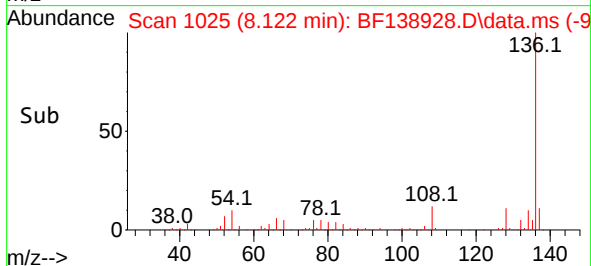


Tgt Ion:136 Resp: 200959
Ion Ratio Lower Upper
136 100
137 10.5 8.9 13.3
54 10.0 8.6 12.8
68 5.2 4.8 7.2

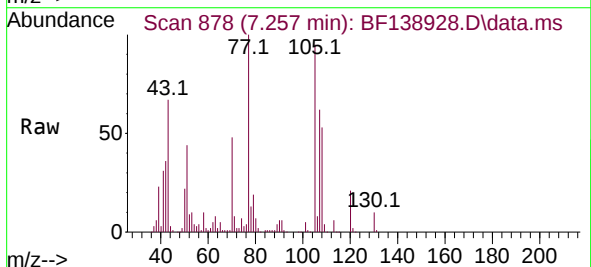
Manual Integrations

APPROVED

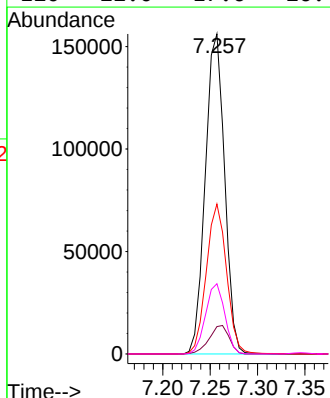
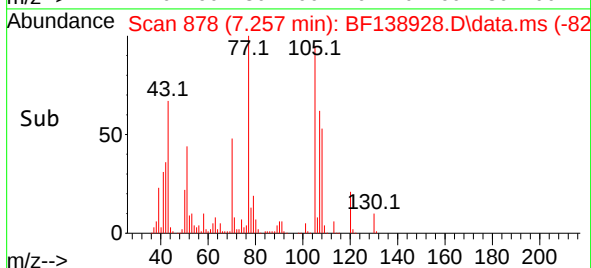
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Acetophenone
Concen: 44.884 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:105 Resp: 220850
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 46.9 35.9 53.9
120 22.0 17.6 26.4





#23

Nitrobenzene-d5

Concen: 87.227 ng

RT: 7.410 min Scan# 904

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

Tgt Ion: 82 Resp: 358529

Ion Ratio Lower Upper

82 100

128 40.2 32.8 49.2

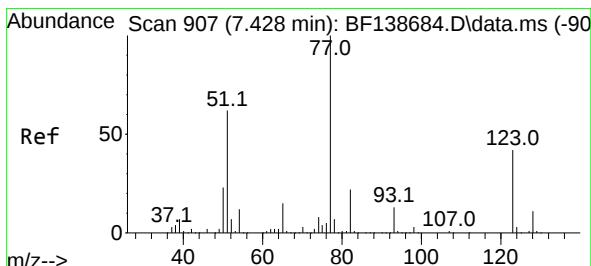
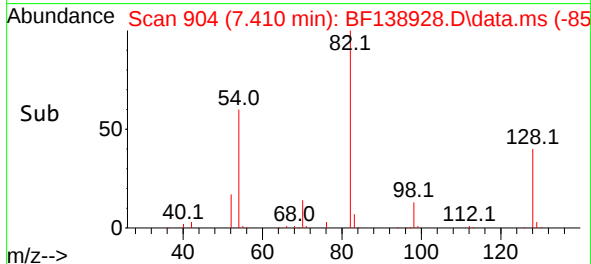
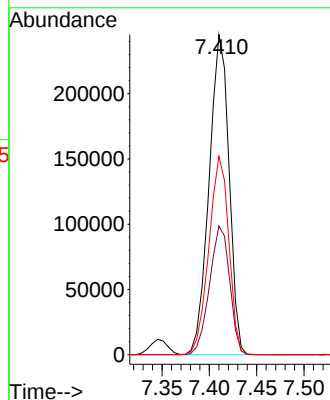
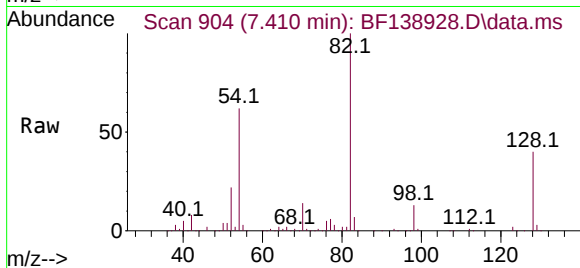
54 62.0 48.3 72.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#24

Nitrobenzene

Concen: 44.562 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

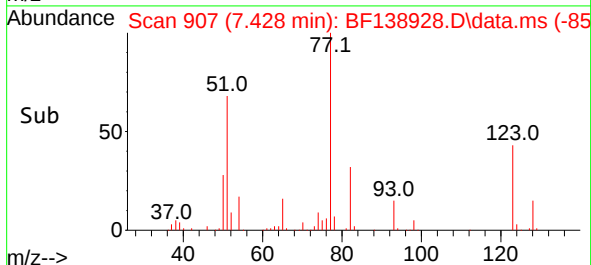
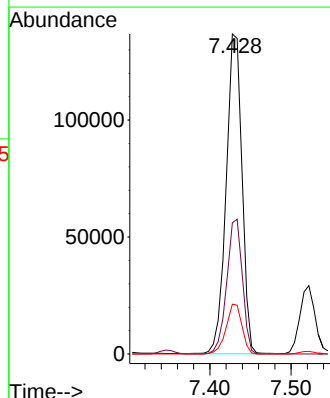
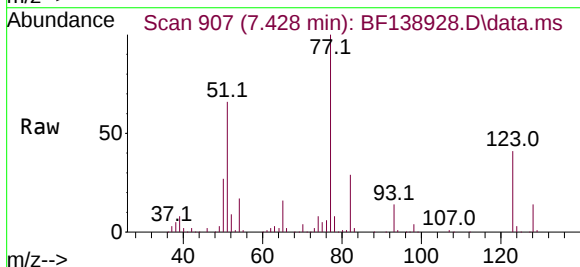
Tgt Ion: 77 Resp: 186383

Ion Ratio Lower Upper

77 100

123 41.0 33.3 49.9

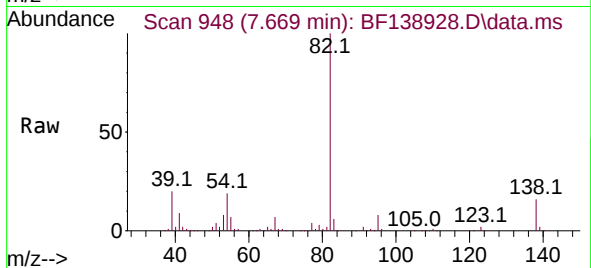
65 15.5 11.9 17.9





#25
Isophorone
Concen: 46.925 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

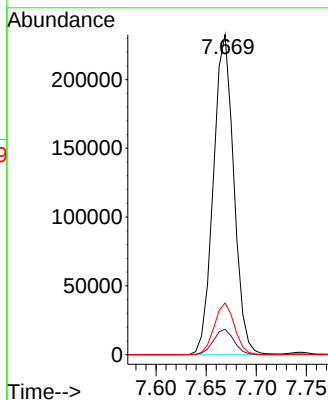
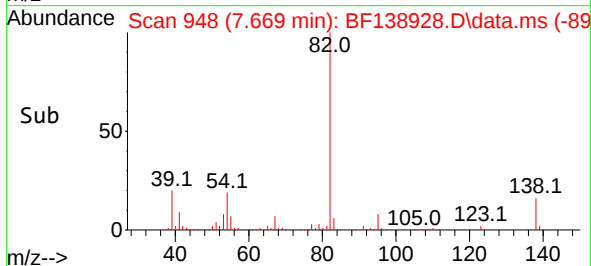
Instrument :
BNA_F
Client Sample Id :
PB162605BS



Tgt Ion: 82 Resp: 329348
Ion Ratio Lower Upper
82 100
95 8.0 5.7 8.5
138 16.2 13.7 20.5

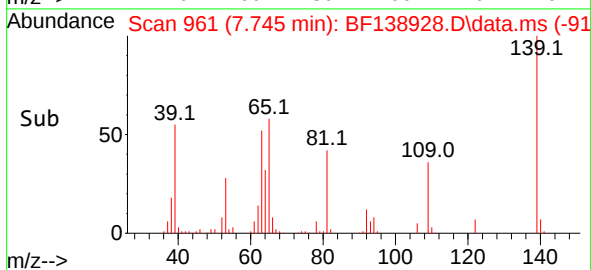
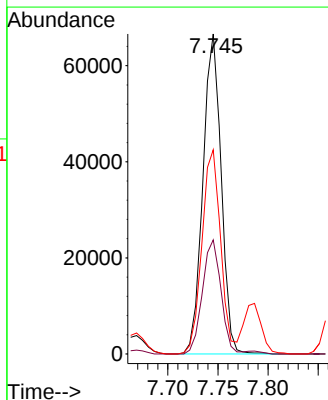
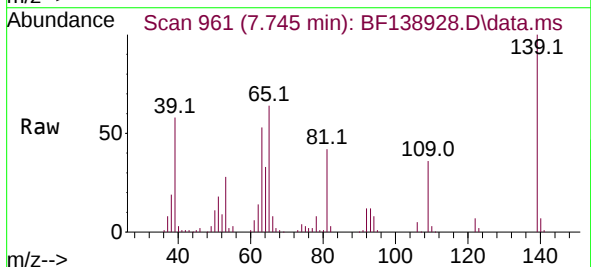
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#26
2-Nitrophenol
Concen: 46.985 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:139 Resp: 84547
Ion Ratio Lower Upper
139 100
109 35.6 25.9 38.9
65 63.8 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 50.470 ng
RT: 7.787 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

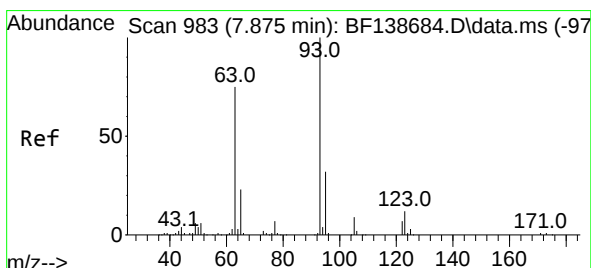
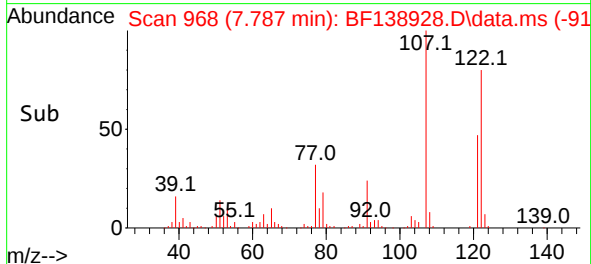
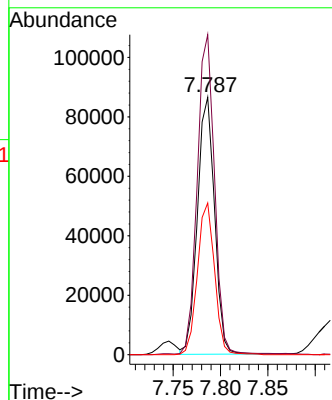
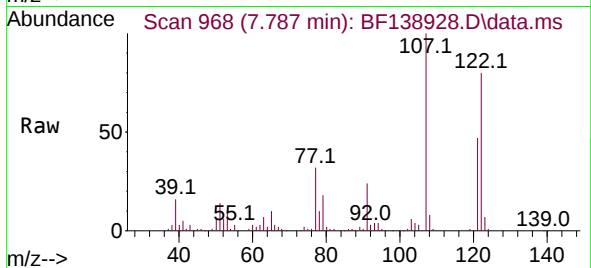
ClientSampleId :

PB162605BS

Tgt Ion:122 Resp: 10866
Ion Ratio Lower Upper
122 100
107 124.3 95.0 142.6
121 58.9 47.3 70.9

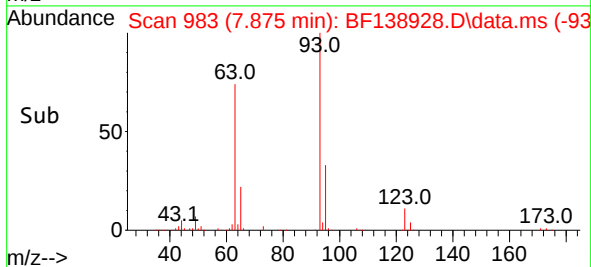
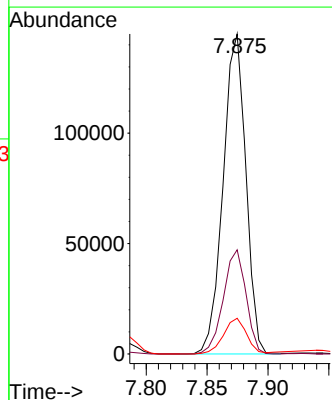
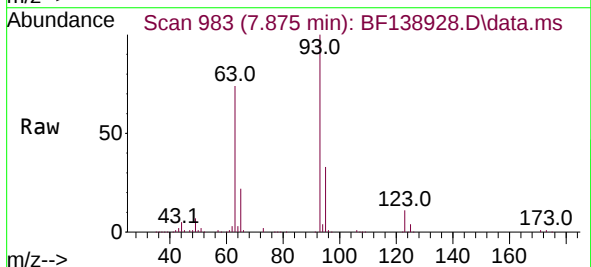
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 44.110 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion: 93 Resp: 188529
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 11.2 9.4 14.0





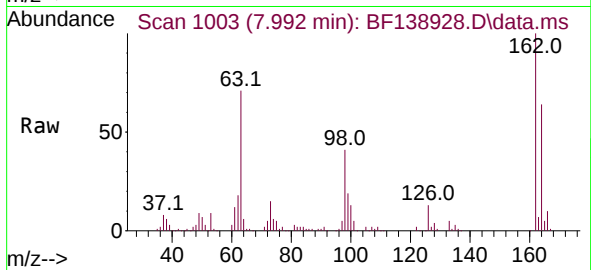
#29
2,4-Dichlorophenol
Concen: 48.075 ng
RT: 7.992 min Scan# 1003
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



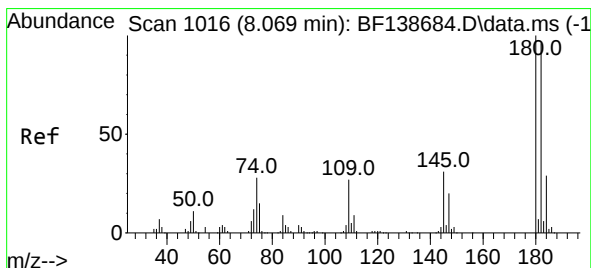
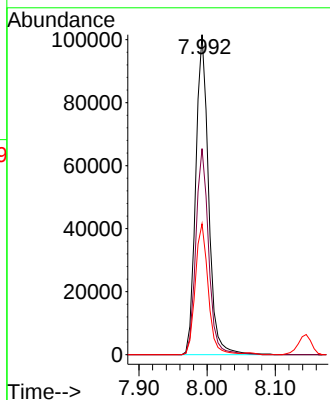
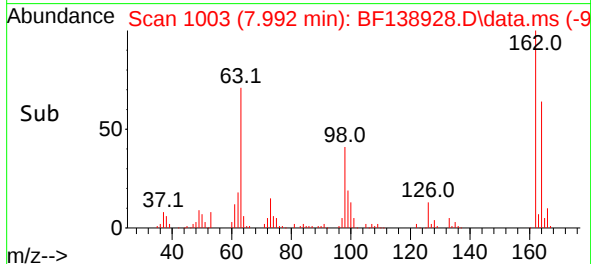
Tgt Ion:162 Resp: 133004
Ion Ratio Lower Upper
162 100
164 64.4 44.7 84.7
98 40.9 20.8 60.8

Manual Integrations

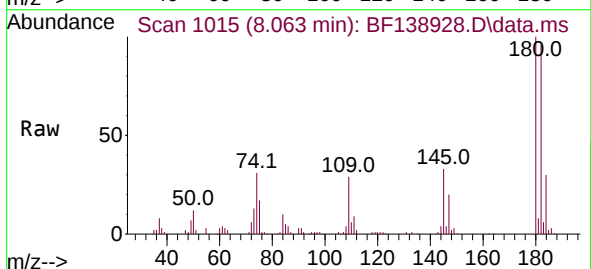
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

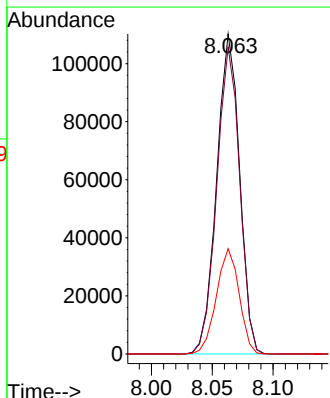
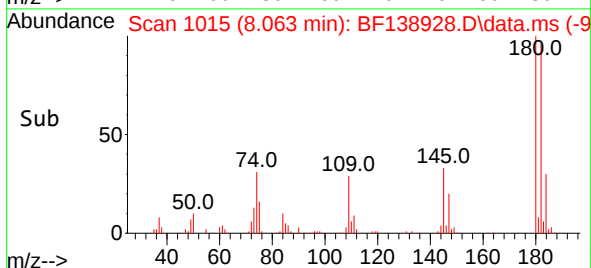
Supervised By :mohammad ahmed 08/13/2024

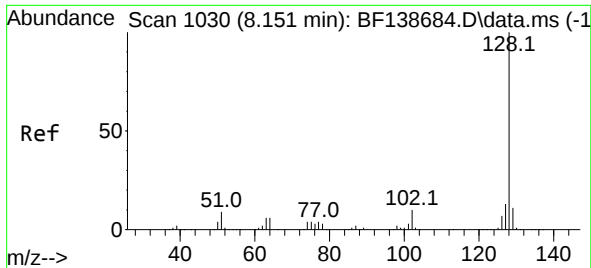


#30
1,2,4-Trichlorobenzene
Concen: 45.292 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:180 Resp: 144604
Ion Ratio Lower Upper
180 100
182 95.8 76.9 115.3
145 32.9 25.0 37.4





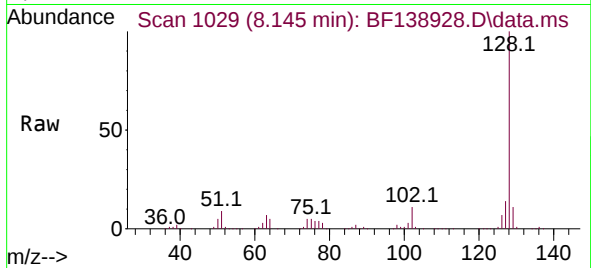
#31
Naphthalene
Concen: 44.951 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



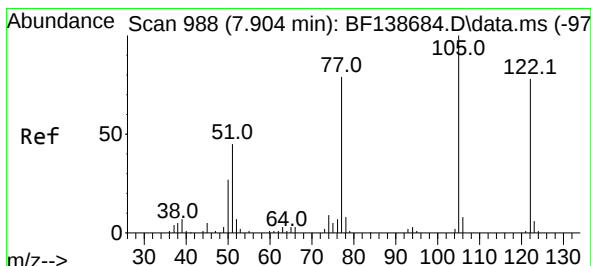
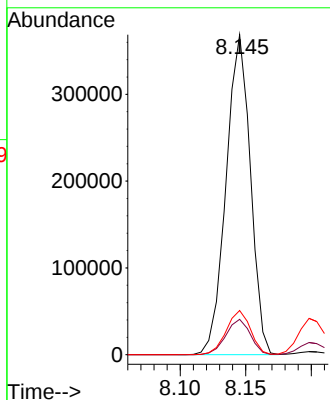
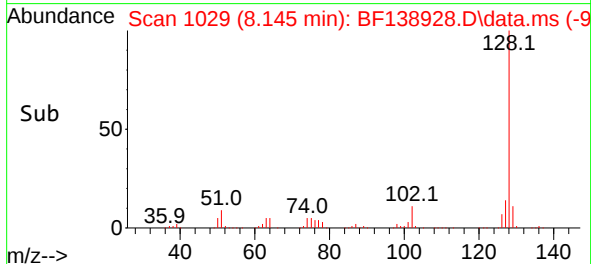
Tgt Ion:128 Resp: 475484
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.8 10.6 16.0

Manual Integrations

APPROVED

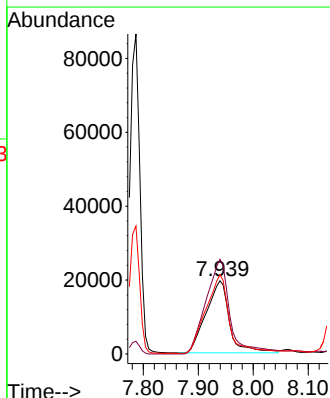
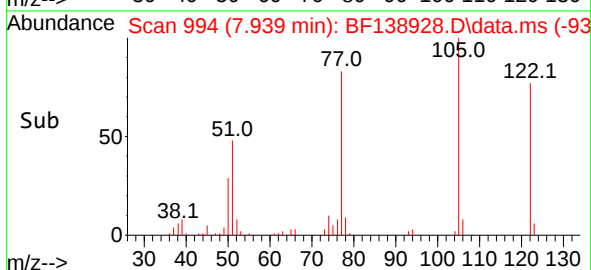
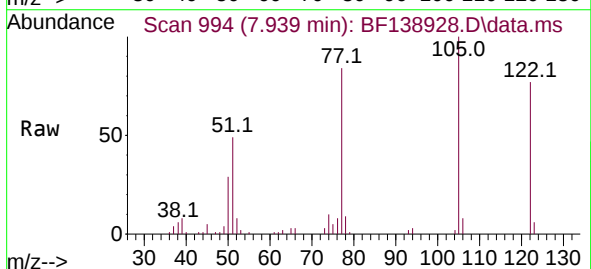
Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#32
Benzoic acid
Concen: 34.179 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.035 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:122 Resp: 57845
Ion Ratio Lower Upper
122 100
105 129.4 106.7 146.7
77 108.5 81.1 121.1





#33
4-Chloroaniline
Concen: 22.001 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

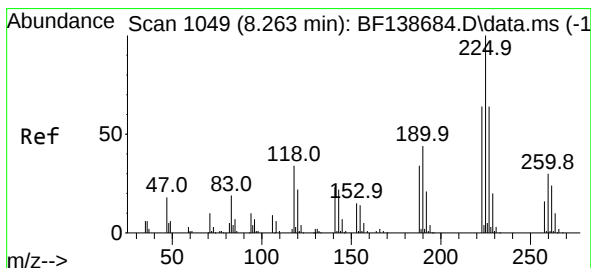
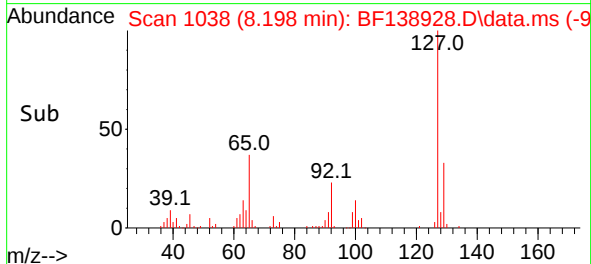
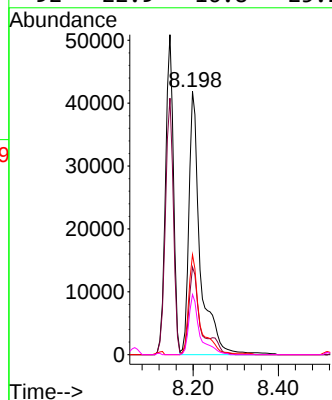
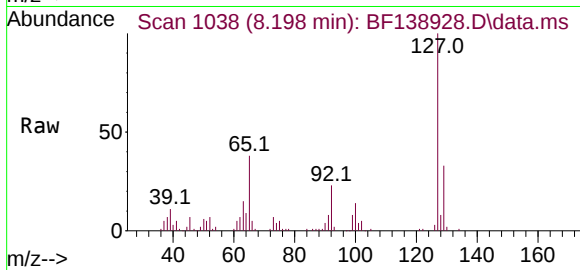
ClientSampleId :

PB162605BS

Tgt Ion:127 Resp: 7812
Ion Ratio Lower Upper
127 100
129 33.3 25.9 38.9
65 38.0 27.6 41.4
92 22.9 16.8 25.2

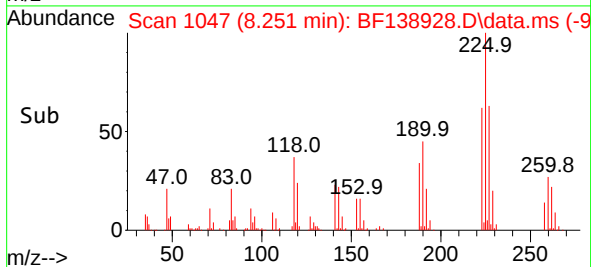
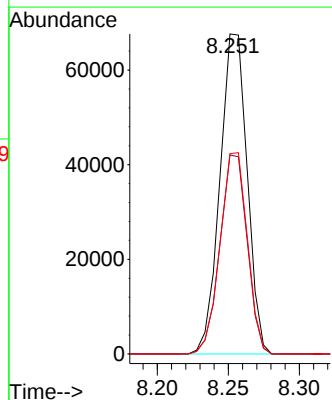
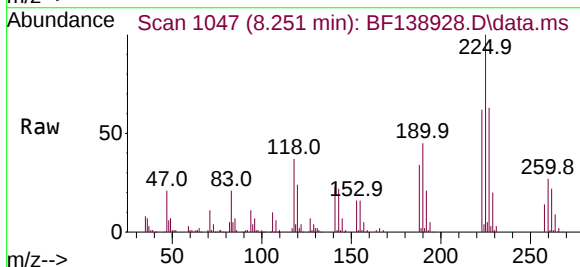
Manual Integrations
APPROVED

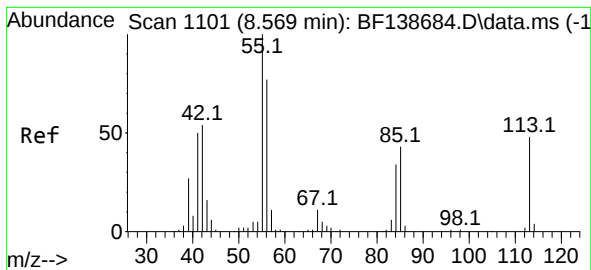
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#34
Hexachlorobutadiene
Concen: 46.639 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:225 Resp: 90190
Ion Ratio Lower Upper
225 100
223 62.2 51.2 76.8
227 62.6 51.1 76.7





#35

Caprolactam

Concen: 45.904 ng m

RT: 8.586 min Scan# 1101

Delta R.T. 0.018 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

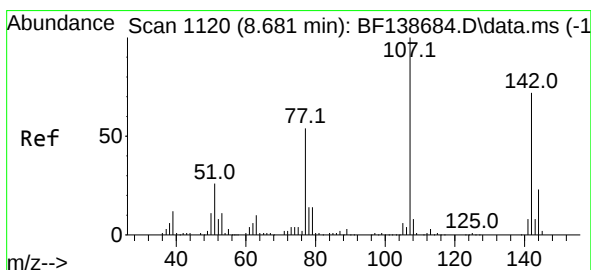
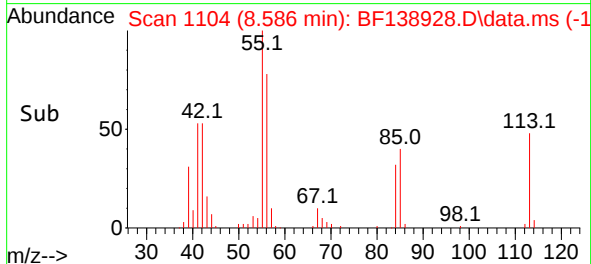
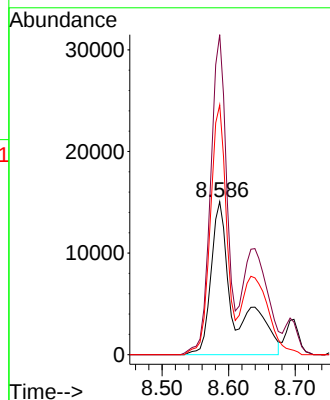
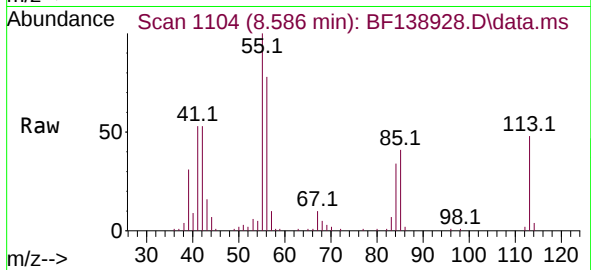
Tgt Ion:	113	Resp:	37894
Ion Ratio	Lower	Upper	
113	100		
55	209.1	186.7	226.7
56	163.2	138.9	178.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#36

4-Chloro-3-methylphenol

Concen: 48.733 ng

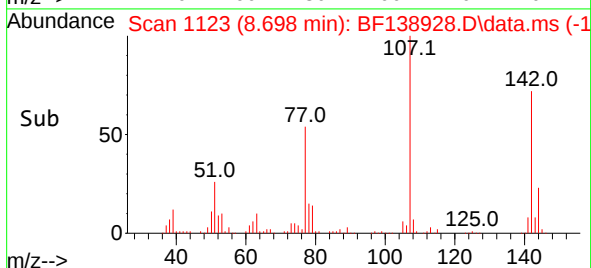
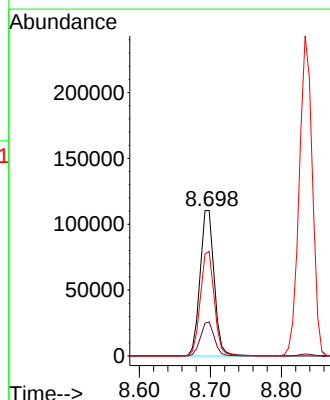
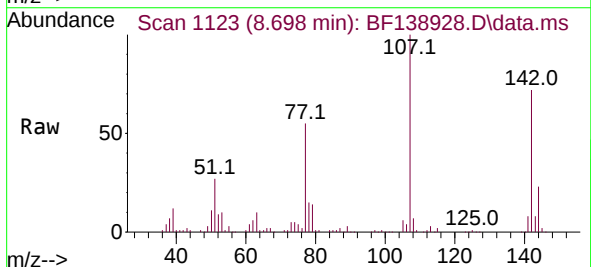
RT: 8.698 min Scan# 1123

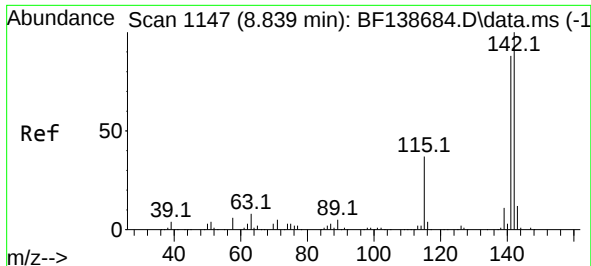
Delta R.T. 0.018 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

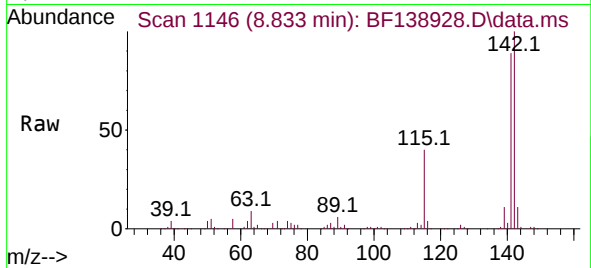
Tgt Ion:	107	Resp:	154084
Ion Ratio	Lower	Upper	
107	100		
144	23.4	18.2	27.2
142	71.9	57.4	86.2





#37
2-Methylnaphthalene
Concen: 46.638 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

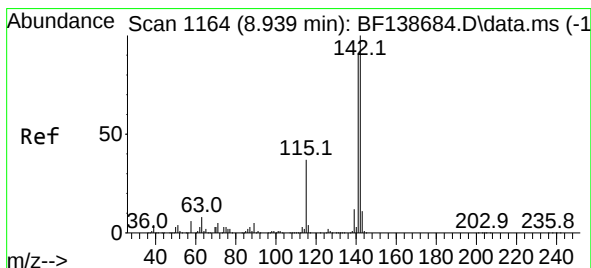
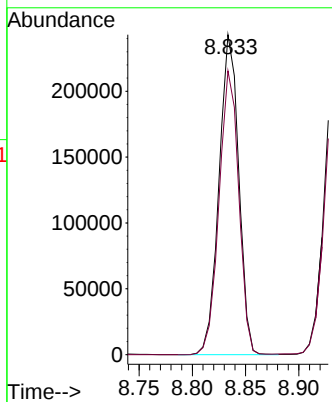
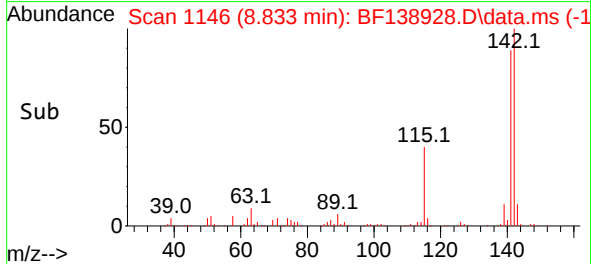
Instrument :
BNA_F
ClientSampleId :
PB162605BS



Tgt Ion:142 Resp: 31156
Ion Ratio Lower Upper
142 100
141 88.7 70.8 106.2

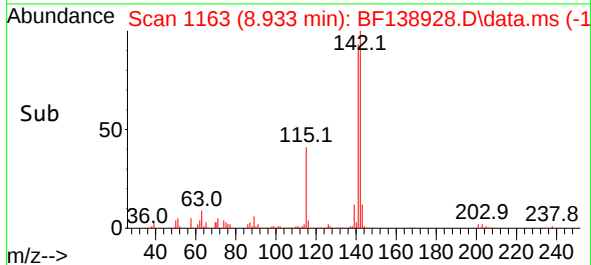
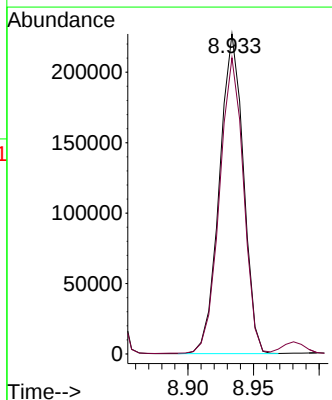
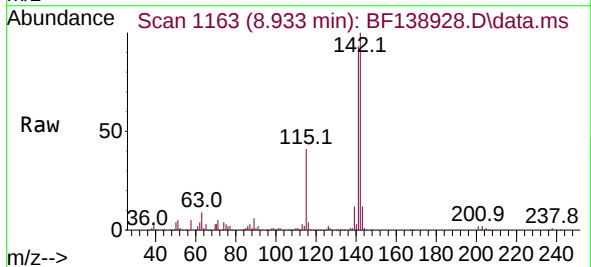
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#38
1-Methylnaphthalene
Concen: 43.988 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:142 Resp: 287958
Ion Ratio Lower Upper
142 100
141 92.5 73.1 109.7





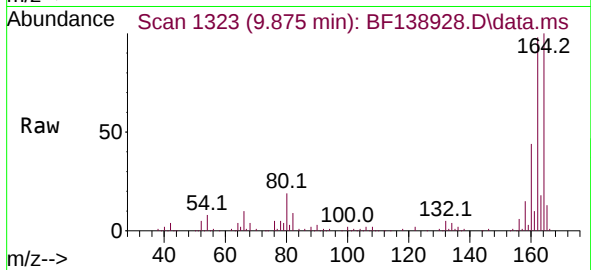
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1174
Delta R.T. -0.005 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



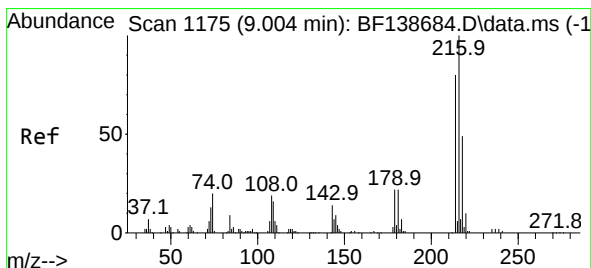
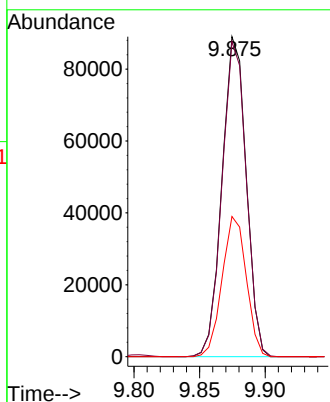
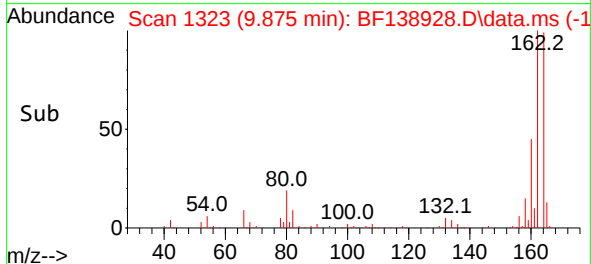
Tgt Ion:164 Resp: 114175
Ion Ratio Lower Upper
164 100
162 98.5 79.4 119.0
160 43.8 35.1 52.7

Manual Integrations

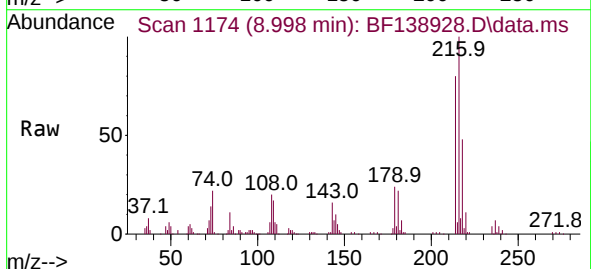
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

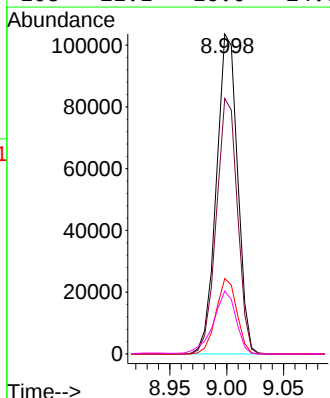
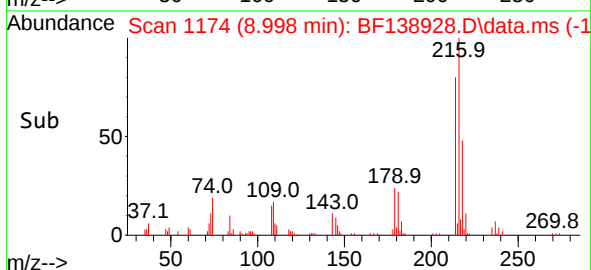
Supervised By :mohammad ahmed 08/13/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.332 ng
RT: 8.998 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:216 Resp: 134261
Ion Ratio Lower Upper
216 100
214 79.3 63.9 95.9
179 23.2 17.8 26.6
108 21.1 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 96.536 ng
RT: 8.981 min Scan# 1172
Delta R.T. -0.005 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

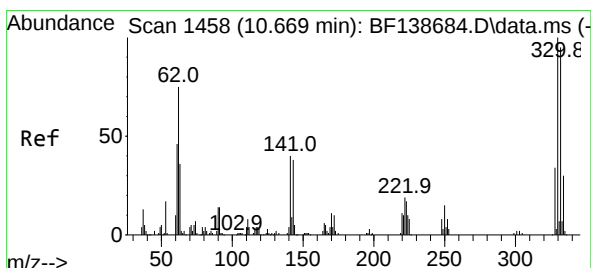
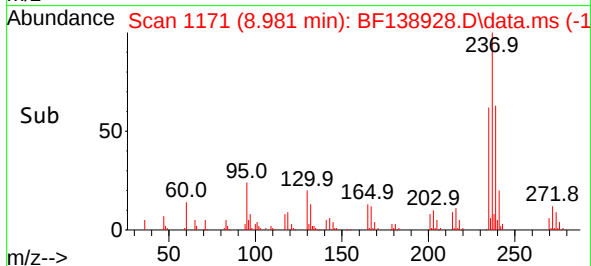
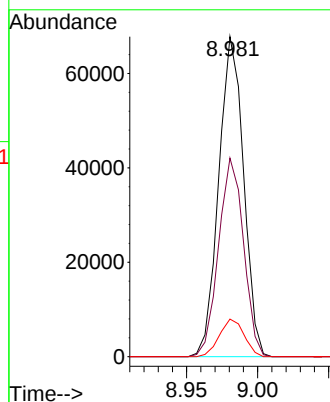
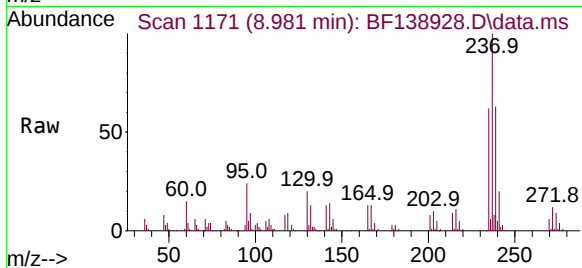
PB162605BS

Tgt Ion:237 Resp: 8236
Ion Ratio Lower Upper
237 100
235 62.1 41.8 81.8
272 11.8 0.0 32.2

Manual Integrations

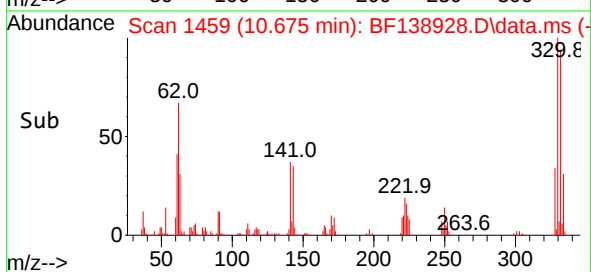
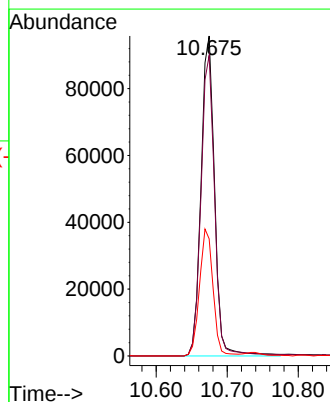
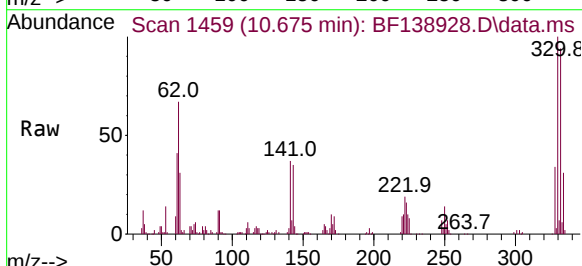
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#42
2,4,6-Tribromophenol
Concen: 136.266 ng
RT: 10.675 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

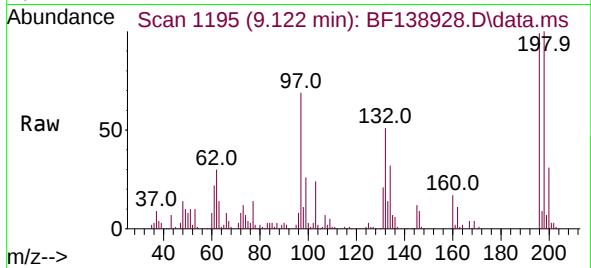
Tgt Ion:330 Resp: 127442
Ion Ratio Lower Upper
330 100
332 95.6 76.4 114.6
141 39.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 44.370 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

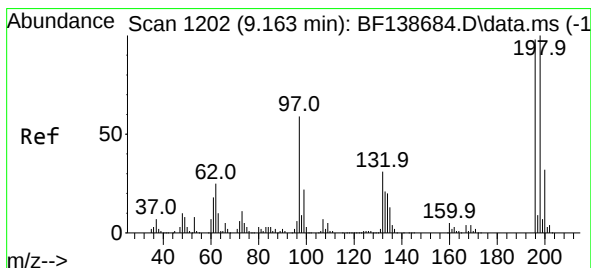
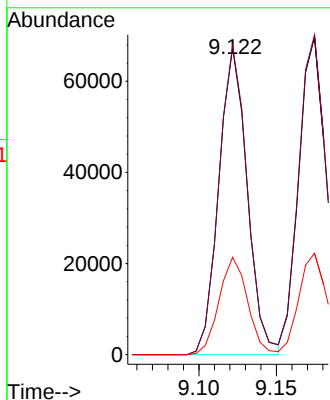
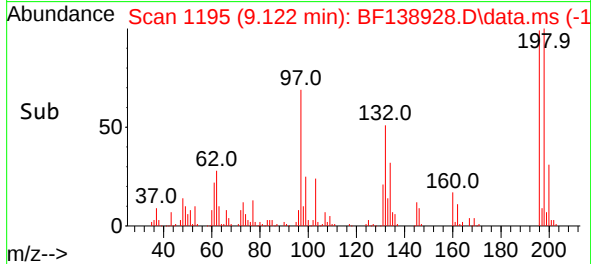
Instrument :
BNA_F
ClientSampleId :
PB162605BS



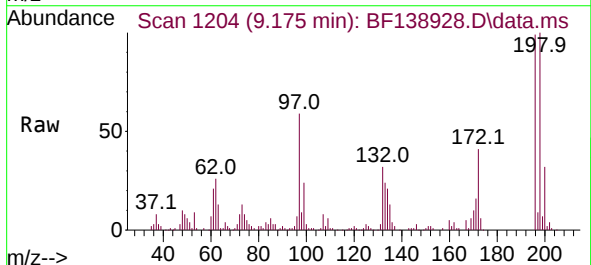
Tgt Ion:196 Resp: 8580
Ion Ratio Lower Upper
196 100
198 100.8 80.5 120.7
200 31.7 25.9 38.9

Manual Integrations
APPROVED

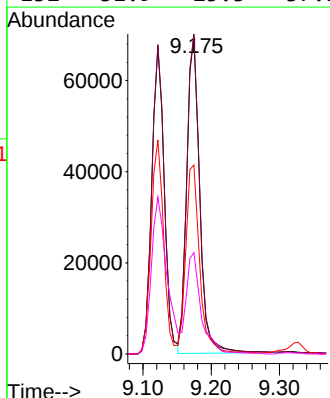
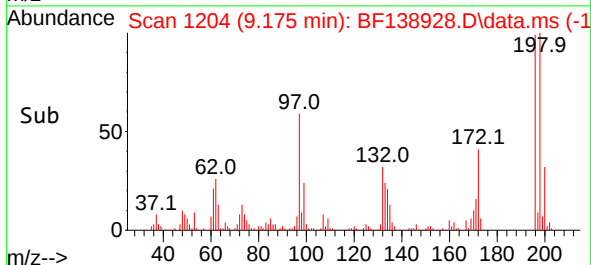
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

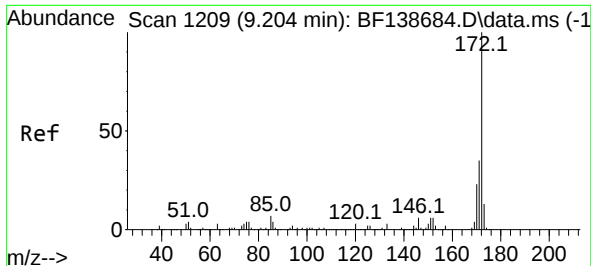


#44
2,4,5-Trichlorophenol
Concen: 43.106 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:196 Resp: 91127
Ion Ratio Lower Upper
196 100
198 100.9 81.2 121.8
97 59.6 47.8 71.6
132 31.9 25.3 37.9





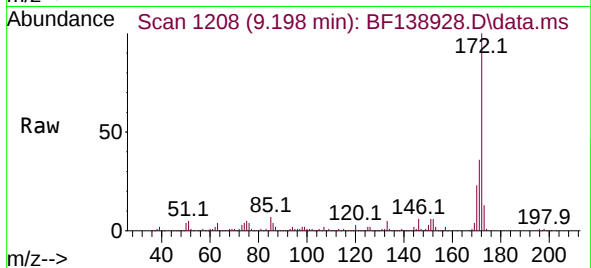
#45
2-Fluorobiphenyl
Concen: 86.068 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

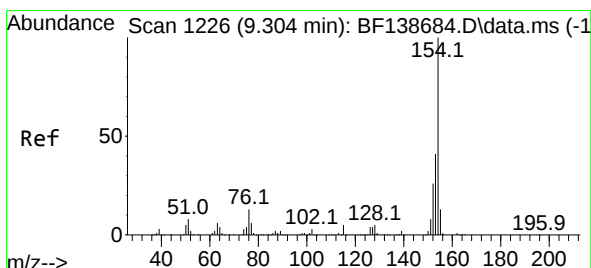
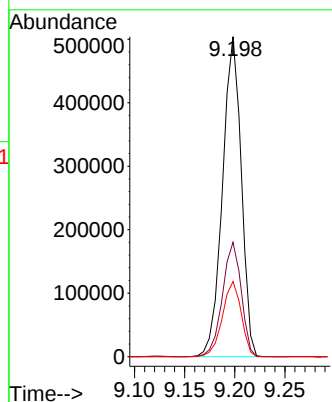
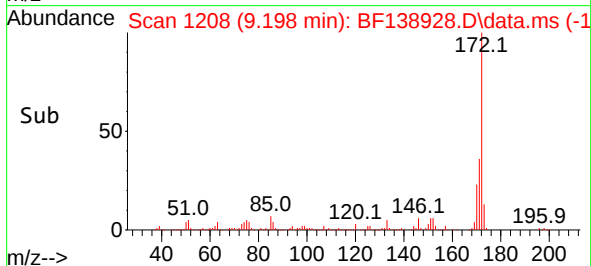


Tgt Ion:172 Resp: 65403
Ion Ratio Lower Upper
172 100
171 35.7 28.3 42.5
170 23.5 18.8 28.2

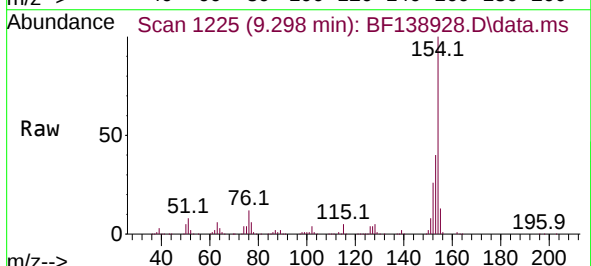
Manual Integrations

APPROVED

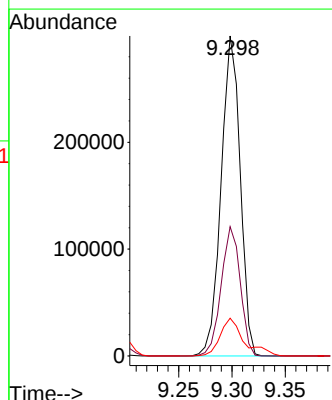
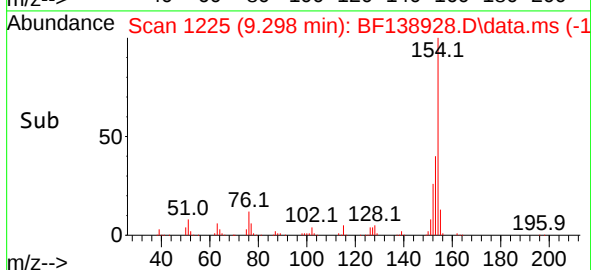
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

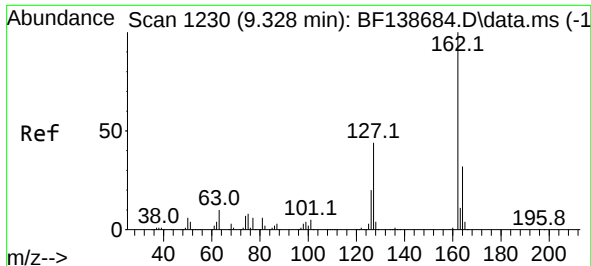


#46
1,1'-Biphenyl
Concen: 41.678 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:154 Resp: 372682
Ion Ratio Lower Upper
154 100
153 40.4 20.8 60.8
76 11.8 0.0 32.8





#47

2-Chloronaphthalene

Concen: 43.799 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF138928.D

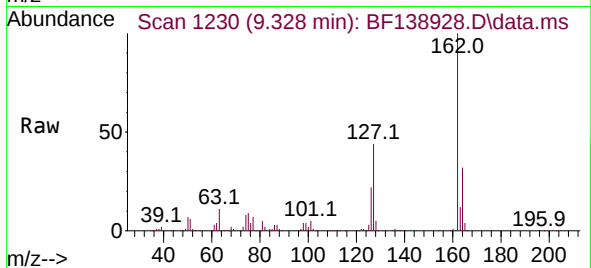
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



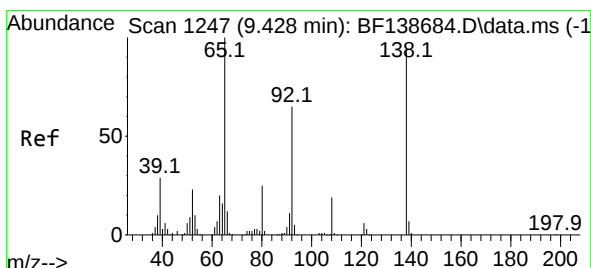
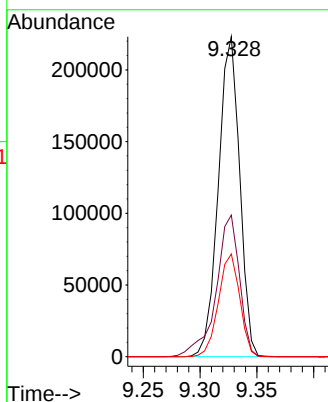
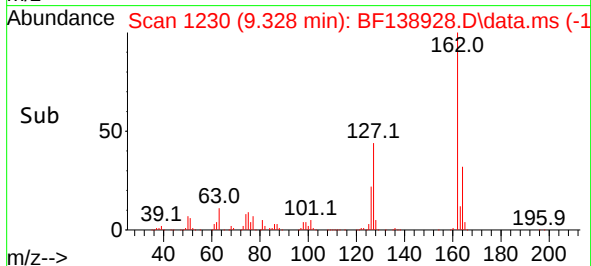
Tgt Ion:	162	Resp:	291284
Ion Ratio	Lower	Upper	
162	100		
127	44.2	35.4	53.2
164	32.1	25.6	38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#48

2-Nitroaniline

Concen: 46.465 ng

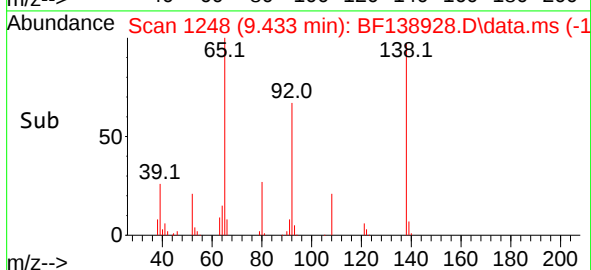
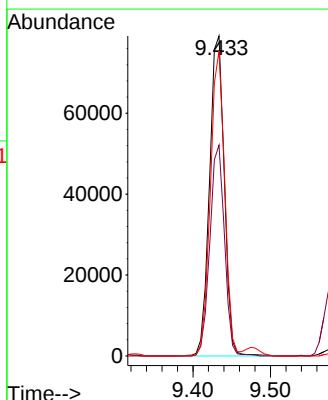
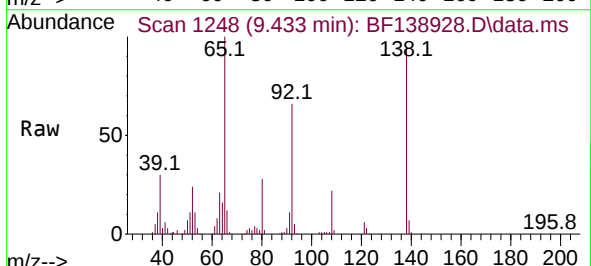
RT: 9.433 min Scan# 1248

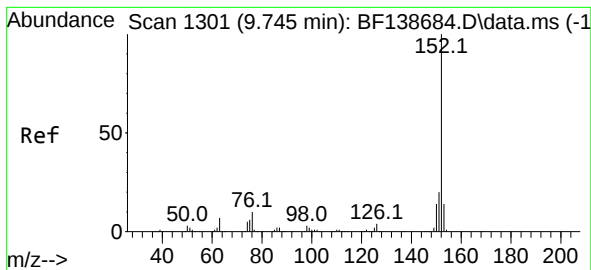
Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:	65	Resp:	104759
Ion Ratio	Lower	Upper	
65	100		
92	65.9	52.0	78.0
138	95.3	76.2	114.4





#49

Acenaphthylene

Concen: 48.965 ng

RT: 9.739 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

Tgt Ion:152 Resp: 461854

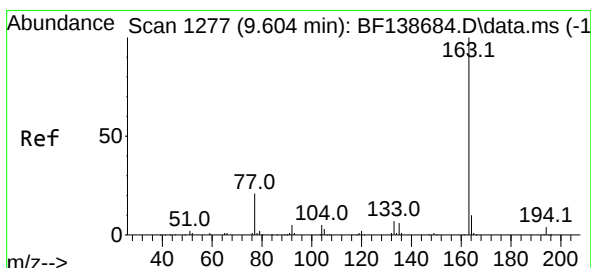
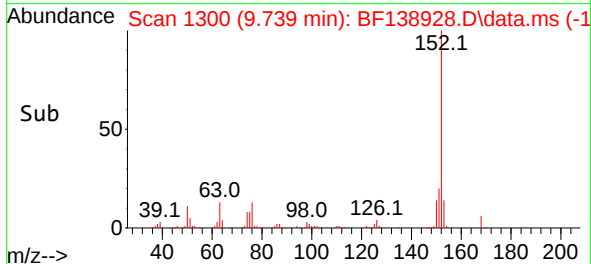
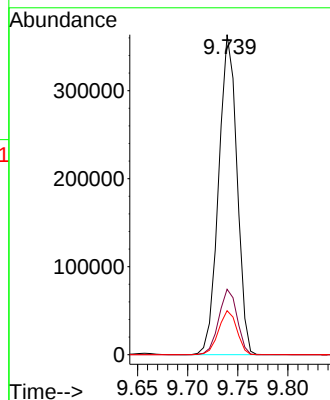
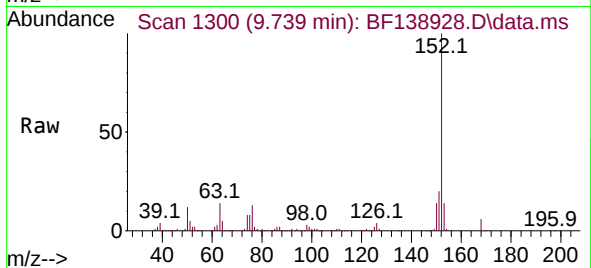
Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	13.8	11.0	16.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#50

Dimethylphthalate

Concen: 48.114 ng

RT: 9.604 min Scan# 1277

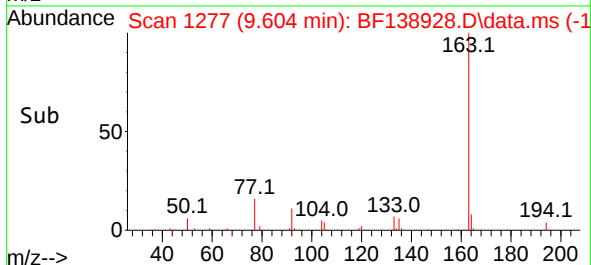
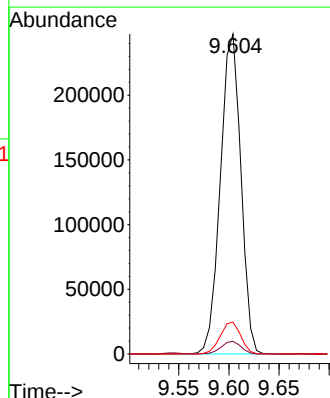
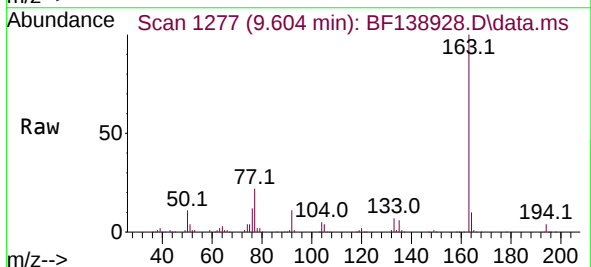
Delta R.T. -0.000 min

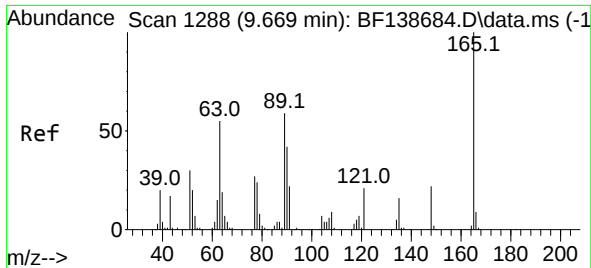
Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:163 Resp: 351254

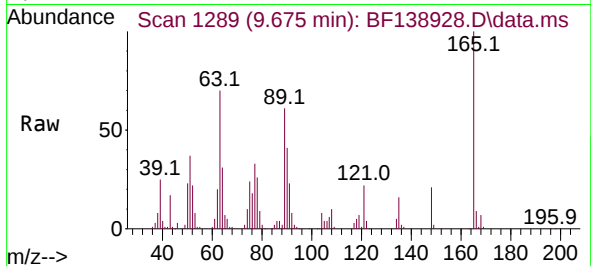
Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.1	4.7
164	9.9	7.8	11.8





#51
2,6-Dinitrotoluene
Concen: 46.736 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

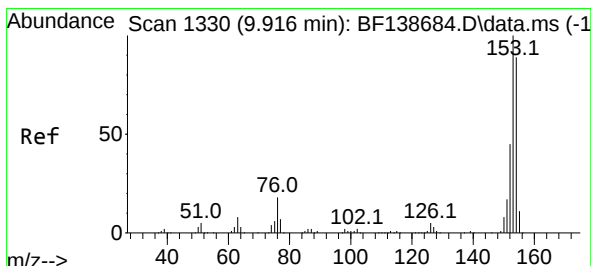
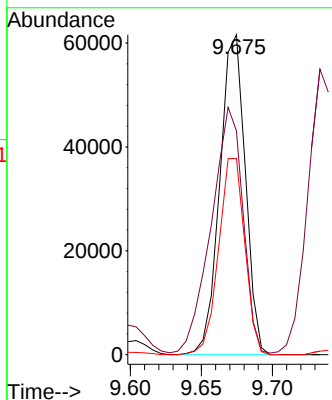
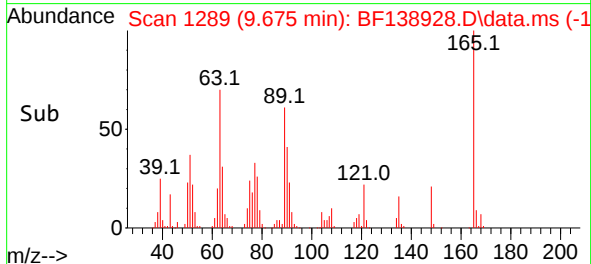
Instrument :
BNA_F
ClientSampleId :
PB162605BS



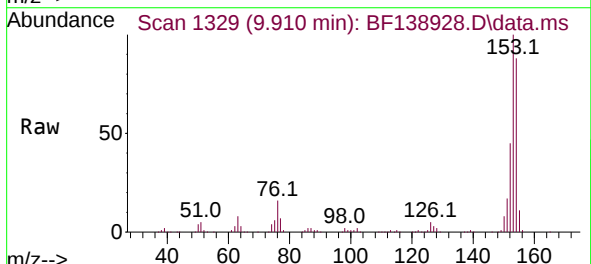
Tgt Ion:165 Resp: 77000
Ion Ratio Lower Upper
165 100
63 70.0 52.0 78.0
89 61.4 47.0 70.6

Manual Integrations
APPROVED

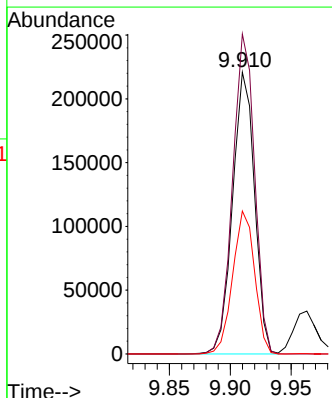
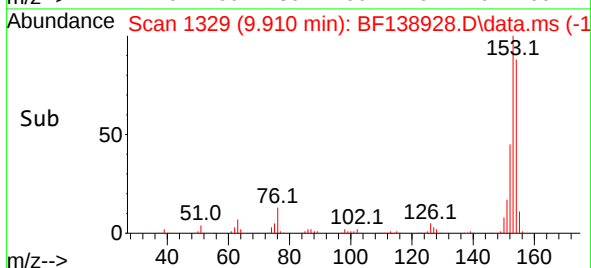
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

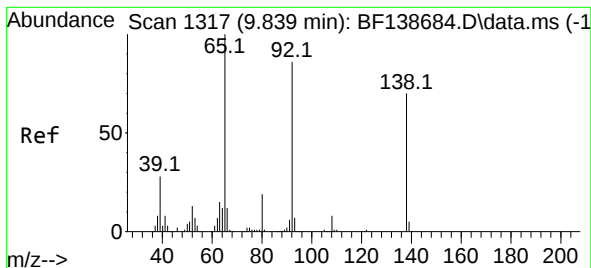


#52
Acenaphthene
Concen: 43.803 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:154 Resp: 277737
Ion Ratio Lower Upper
154 100
153 113.6 89.9 134.9
152 50.7 40.6 60.8





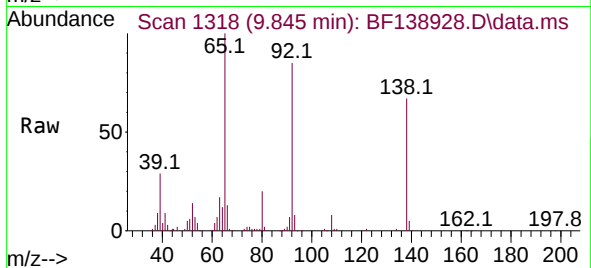
#53
3-Nitroaniline
Concen: 30.784 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

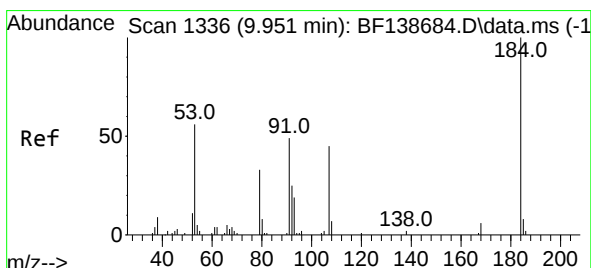
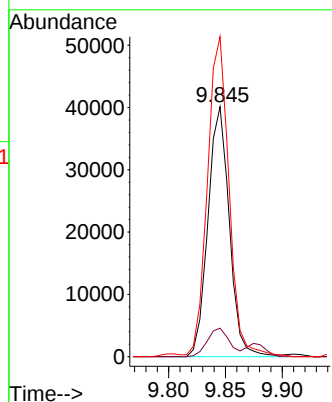
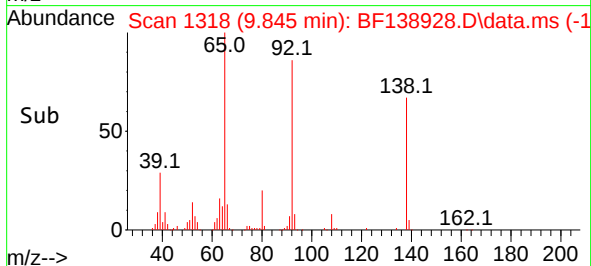


Tgt Ion:138 Resp: 5243
Ion Ratio Lower Upper
138 100
108 11.4 9.1 13.7
92 128.0 98.7 148.1

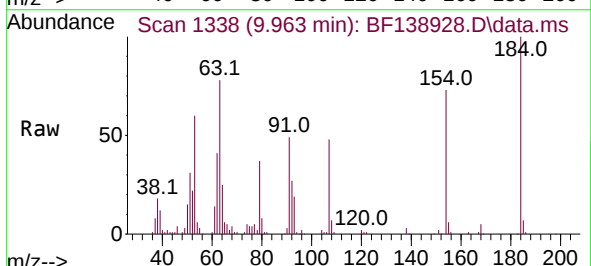
Manual Integrations

APPROVED

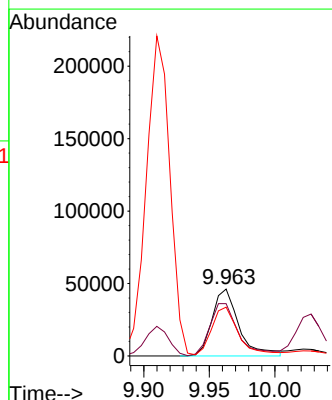
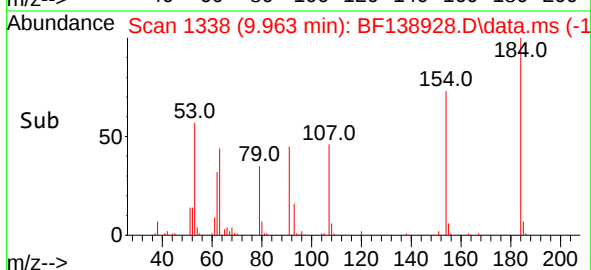
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#54
2,4-Dinitrophenol
Concen: 86.830 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



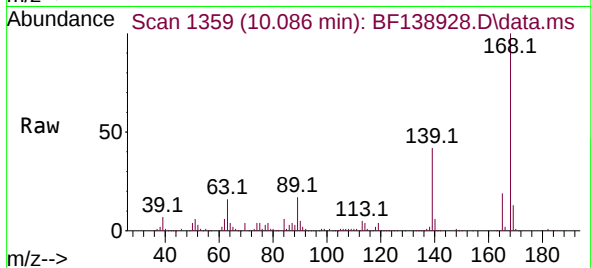
Tgt Ion:184 Resp: 65855
Ion Ratio Lower Upper
184 100
63 78.2 57.5 86.3
154 72.9 51.7 77.5





#55
Dibenzenofuran
Concen: 46.246 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

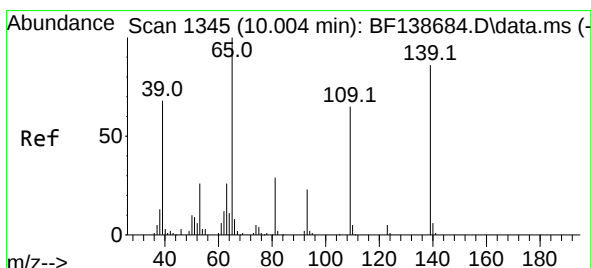
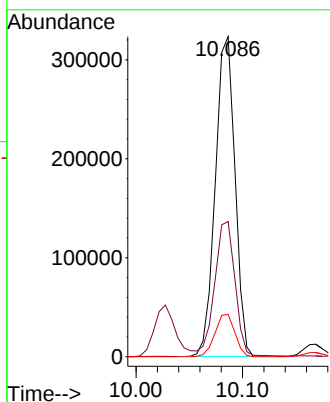
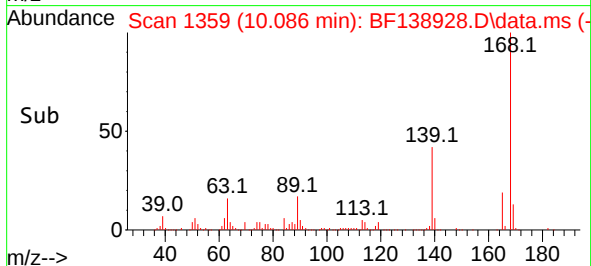
Instrument :
BNA_F
ClientSampleId :
PB162605BS



Tgt Ion:168 Resp: 41392
Ion Ratio Lower Upper
168 100
139 42.2 32.6 49.0
169 13.2 10.7 16.1

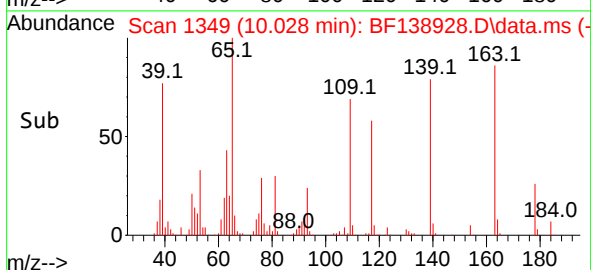
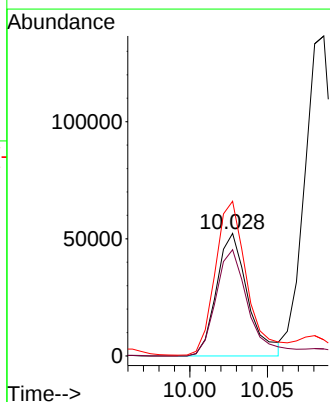
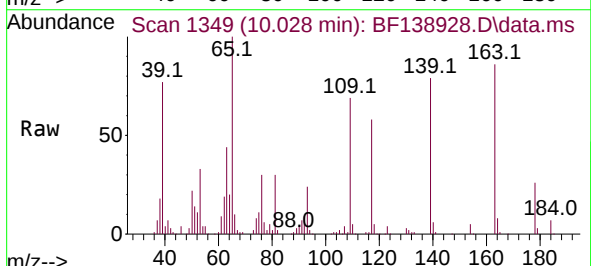
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 71.609 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.024 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:139 Resp: 73345
Ion Ratio Lower Upper
139 100
109 86.7 55.5 95.5
65 126.2 96.7 136.7





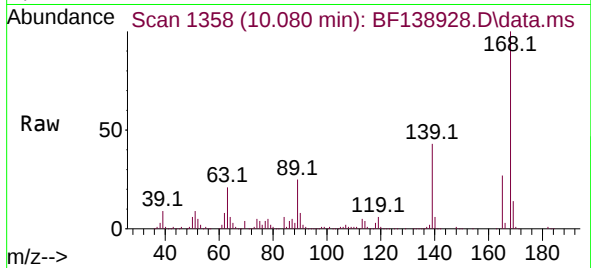
#57
2,4-Dinitrotoluene
Concen: 48.641 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



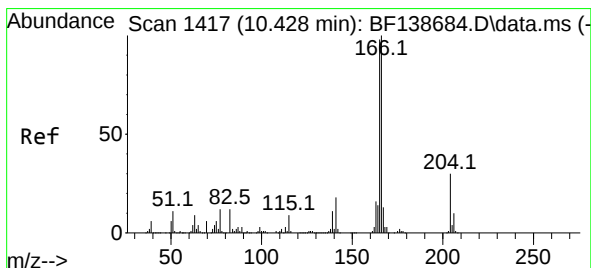
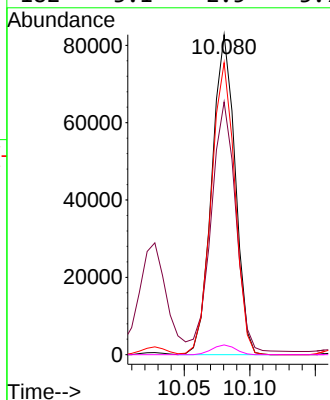
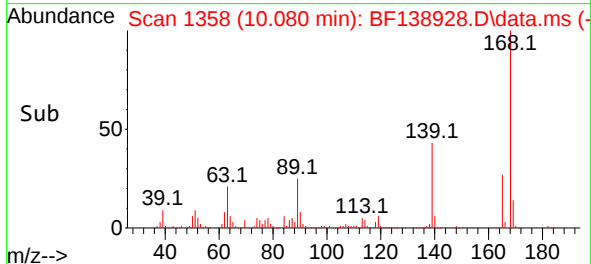
Tgt Ion:165 Resp: 102240
Ion Ratio Lower Upper
165 100
63 79.0 46.3 69.5
89 91.2 64.2 96.4
182 3.1 2.5 3.7

Manual Integrations

APPROVED

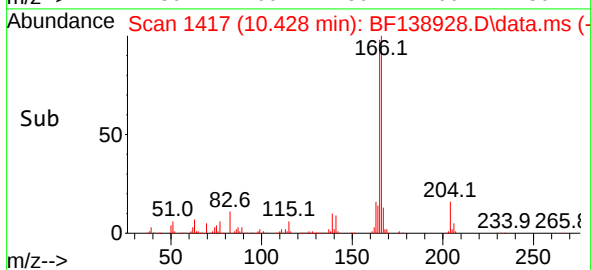
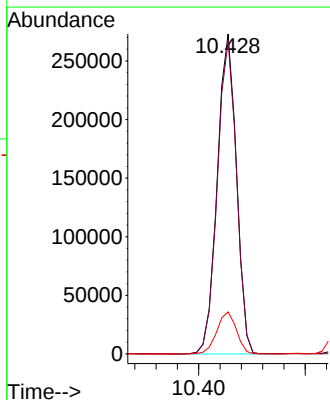
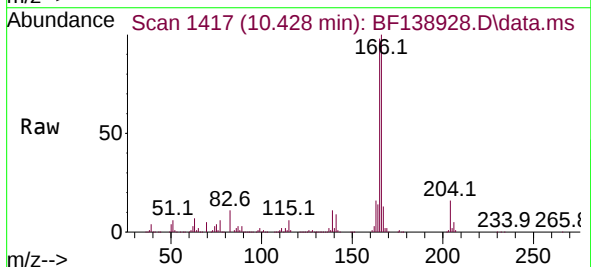
Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#58
Fluorene
Concen: 47.802 ng
RT: 10.428 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

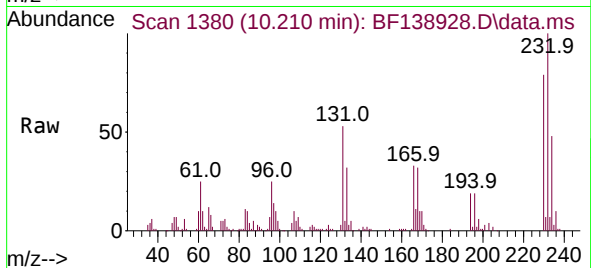
Tgt Ion:166 Resp: 340711
Ion Ratio Lower Upper
166 100
165 97.7 78.4 117.6
167 13.2 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.847 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

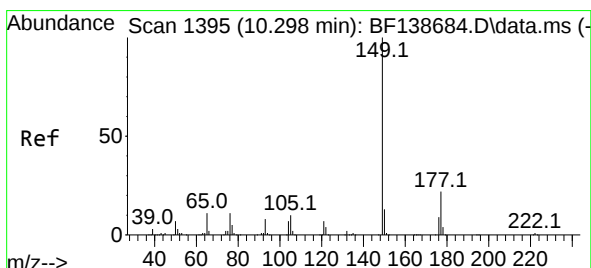
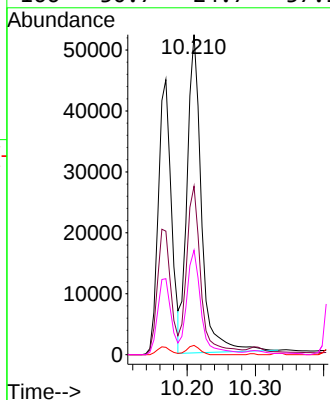
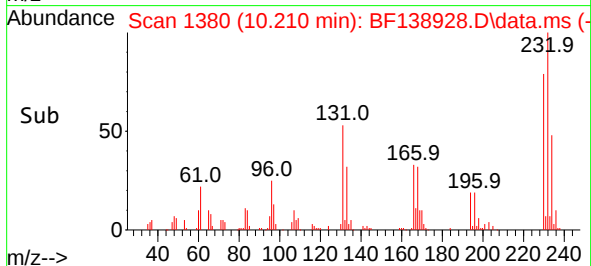
Instrument :
BNA_F
ClientSampleId :
PB162605BS



Tgt Ion:232 Resp: 7571
Ion Ratio Lower Upper
232 100
131 52.4 37.0 55.4
130 2.6 2.0 3.0
166 30.7 24.7 37.1

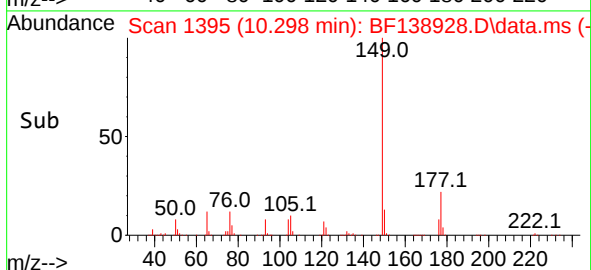
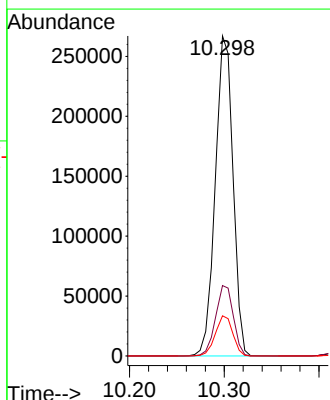
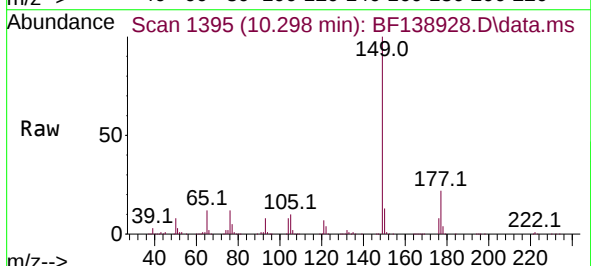
Manual Integrations
APPROVED

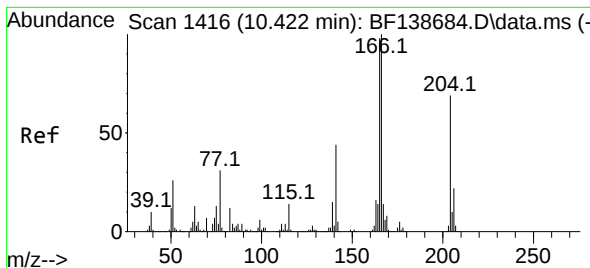
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#60
Diethylphthalate
Concen: 50.131 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

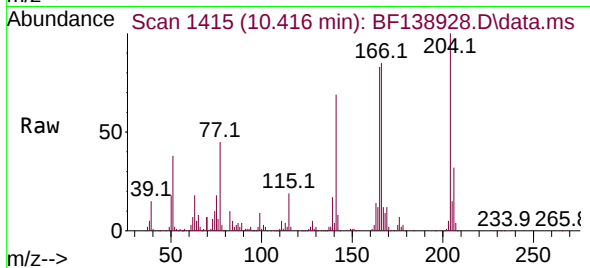
Tgt Ion:149 Resp: 347012
Ion Ratio Lower Upper
149 100
177 22.0 17.8 26.8
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.159 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

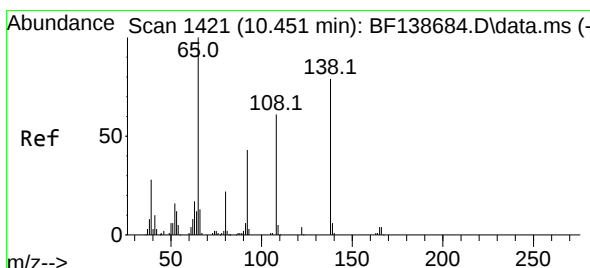
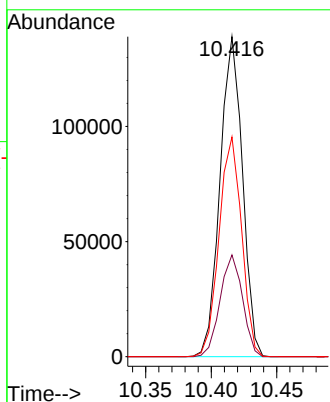
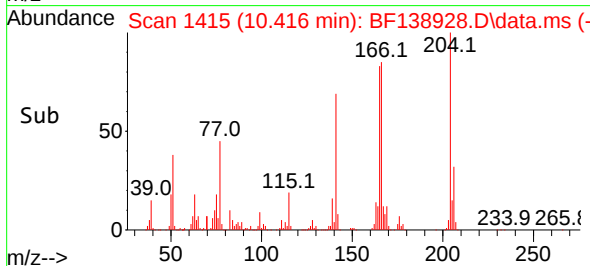
Instrument :
BNA_F
ClientSampleId :
PB162605BS



Tgt Ion:204 Resp: 165314
Ion Ratio Lower Upper
204 100
206 31.8 26.1 39.1
141 68.7 51.4 77.0

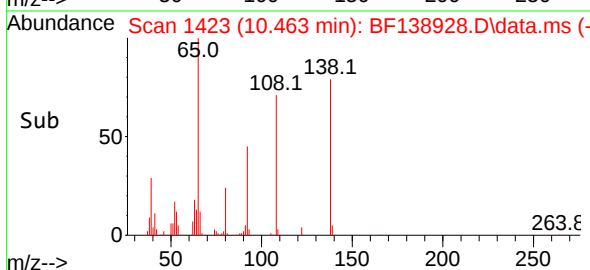
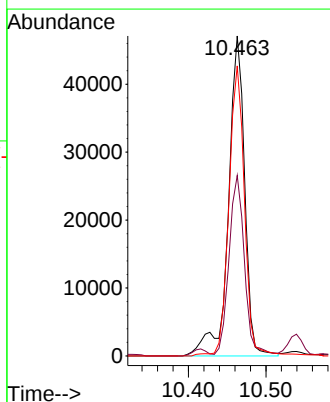
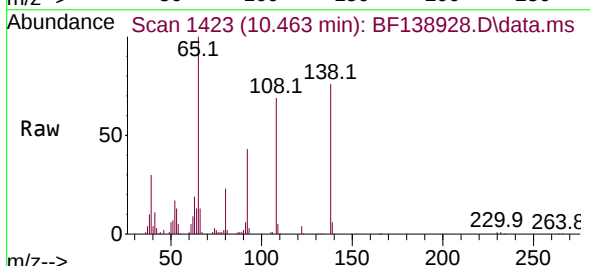
Manual Integrations
APPROVED

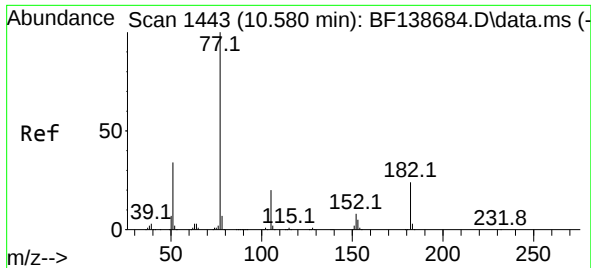
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 42.778 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:138 Resp: 69241
Ion Ratio Lower Upper
138 100
92 56.4 34.2 74.2
108 90.6 56.2 96.2





#63
Azobenzene
Concen: 46.651 ng
RT: 10.575 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

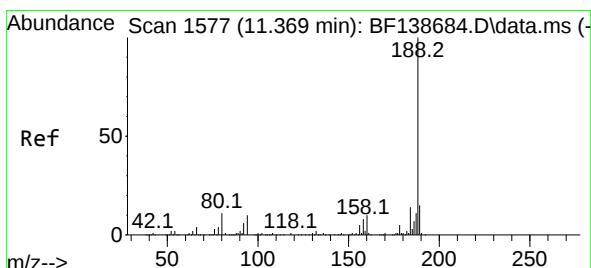
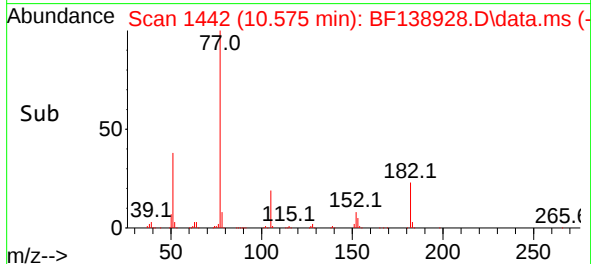
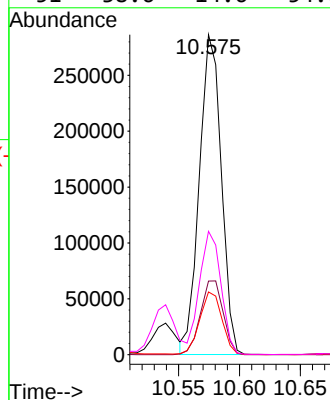
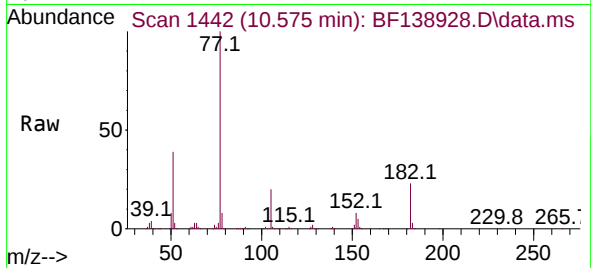
PB162605BS

Tgt Ion: 77 Resp: 35815
Ion Ratio Lower Upper
77 100
182 23.0 3.4 43.4
105 19.6 0.2 40.2
51 38.6 14.6 54.6

Manual Integrations

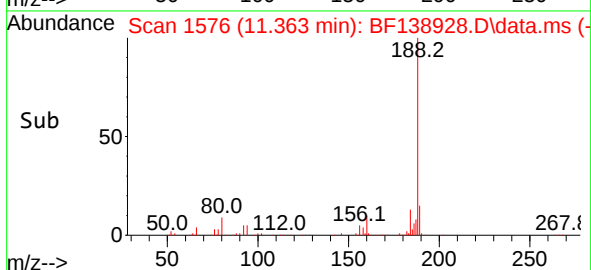
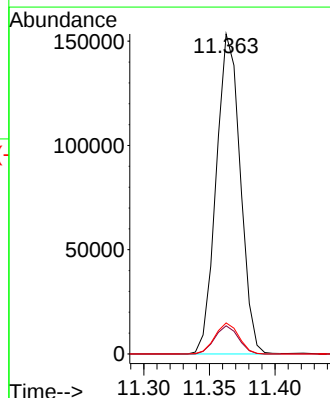
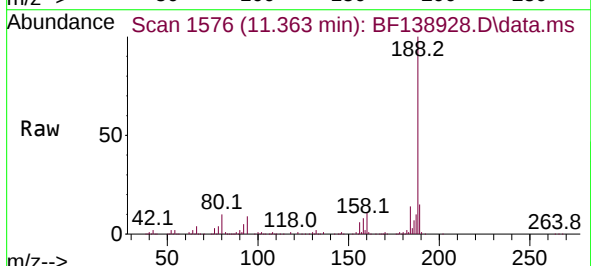
APPROVED

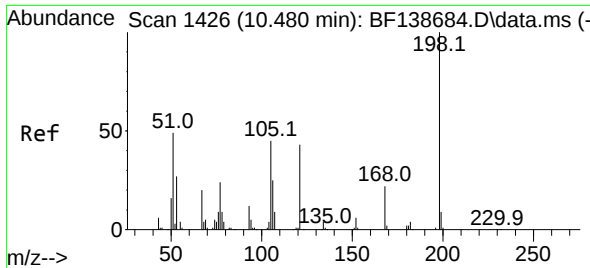
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

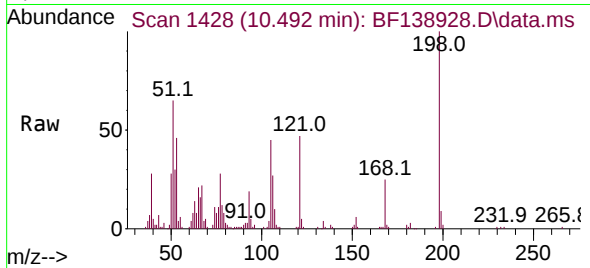
Tgt Ion:188 Resp: 195578
Ion Ratio Lower Upper
188 100
94 8.8 7.6 11.4
80 9.7 8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.802 ng
RT: 10.492 min Scan# 1426
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

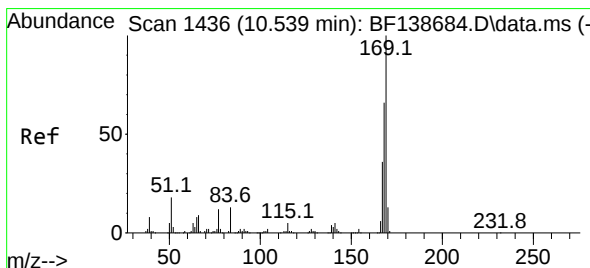
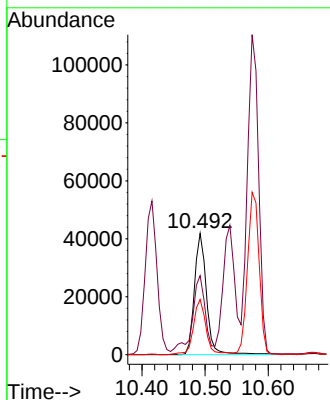
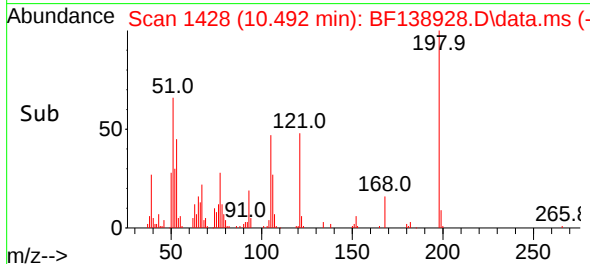
Instrument :
BNA_F
ClientSampleId :
PB162605BS



Tgt Ion:198 Resp: 5584
Ion Ratio Lower Upper
198 100
51 65.2 39.9 79.9
105 45.5 26.1 66.1

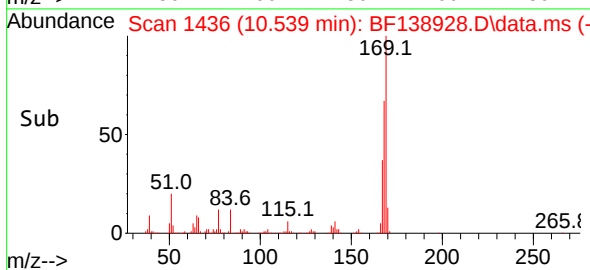
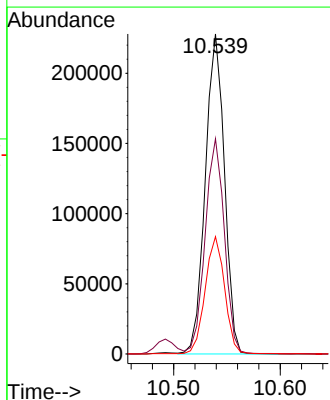
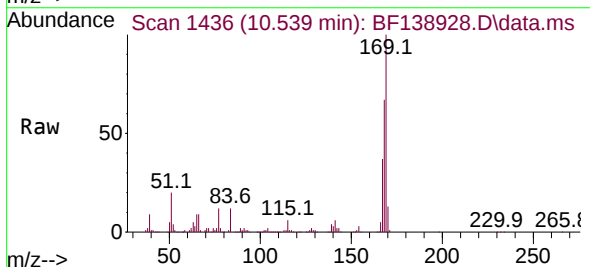
Manual Integrations
APPROVED

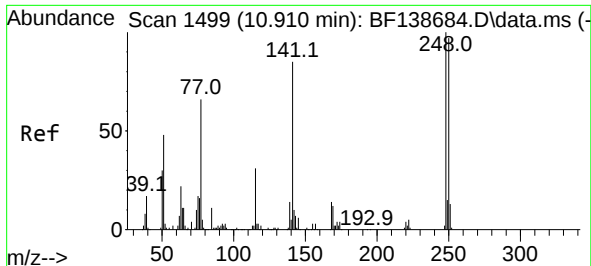
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#66
n-Nitrosodiphenylamine
Concen: 46.668 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

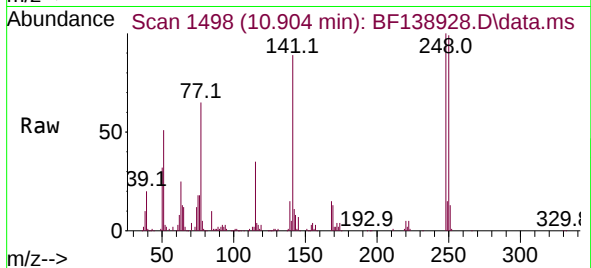
Tgt Ion:169 Resp: 285296
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 45.286 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

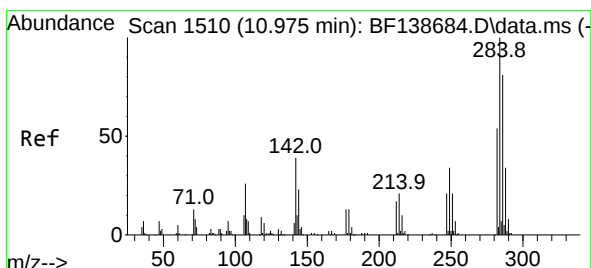
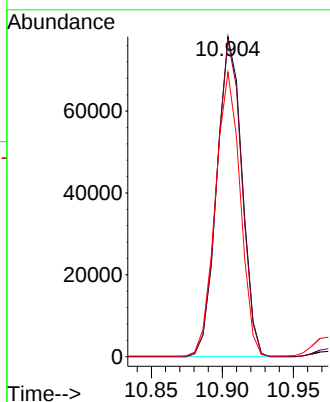
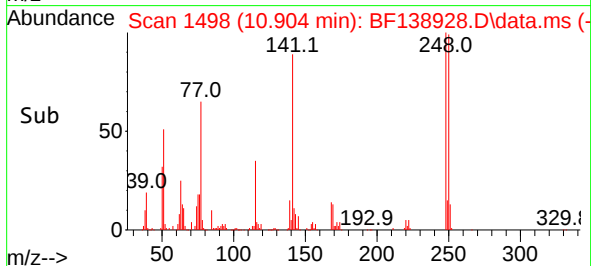
Instrument :
BNA_F
ClientSampleId :
PB162605BS



Tgt Ion:248 Resp: 9589
Ion Ratio Lower Upper
248 100
250 98.9 77.7 116.5
141 88.9 68.0 102.0

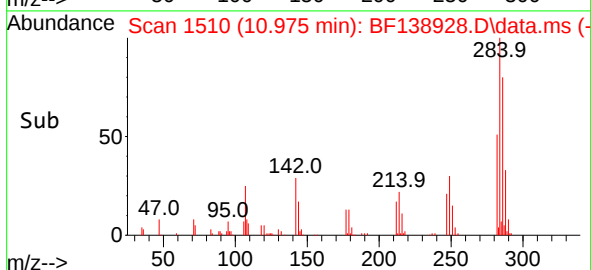
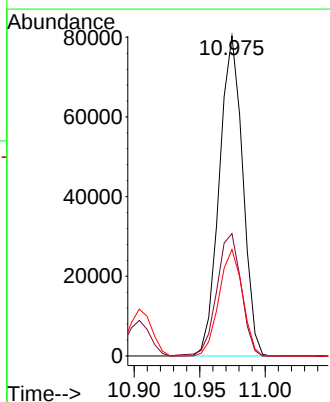
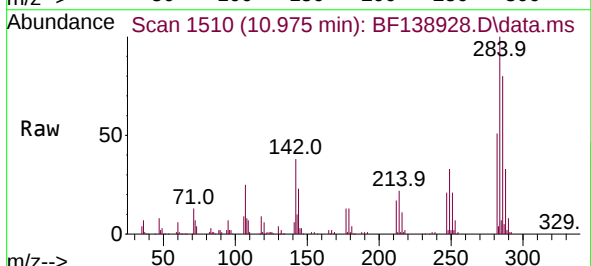
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#68
Hexachlorobenzene
Concen: 45.540 ng
RT: 10.975 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:284 Resp: 99566
Ion Ratio Lower Upper
284 100
142 38.3 31.3 46.9
249 33.3 27.2 40.8





#69

Atrazine

Concen: 53.522 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

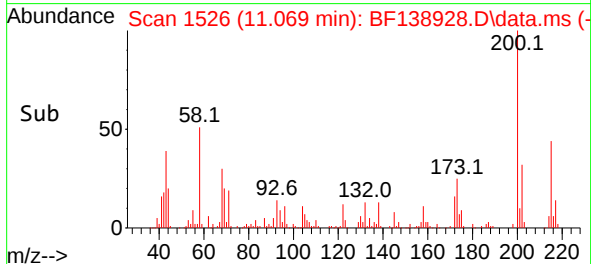
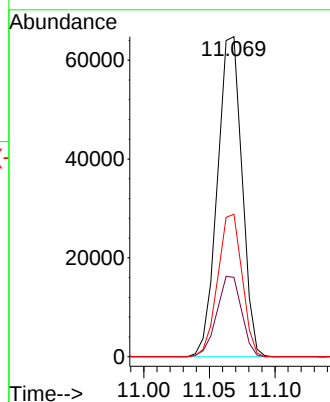
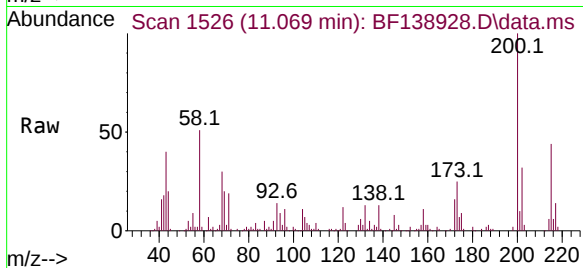
Tgt Ion:200 Resp: 8441
 Ion Ratio Lower Upper
 200 100
 173 24.8 6.0 46.0
 215 44.5 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 73.719 ng

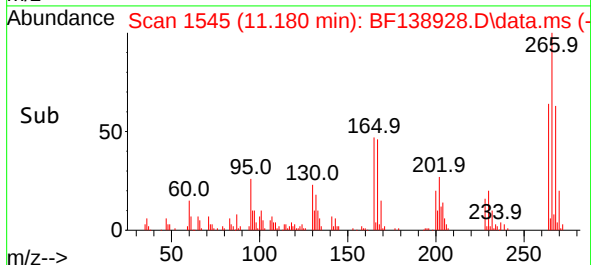
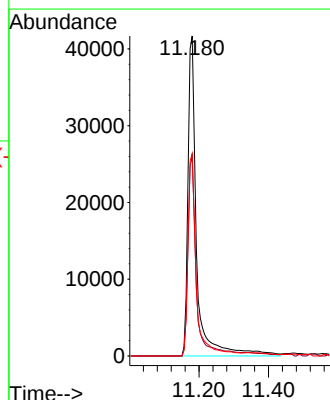
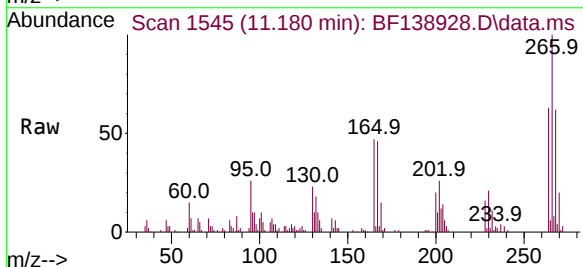
RT: 11.180 min Scan# 1545

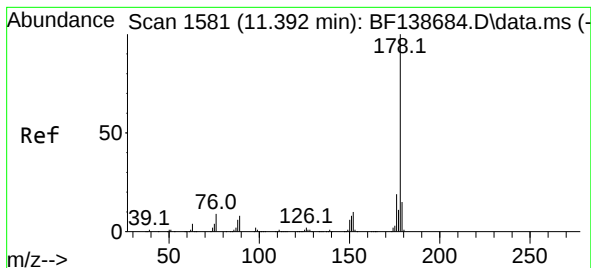
Delta R.T. 0.005 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:266 Resp: 72648
 Ion Ratio Lower Upper
 266 100
 268 62.4 49.2 73.8
 264 63.3 49.8 74.6





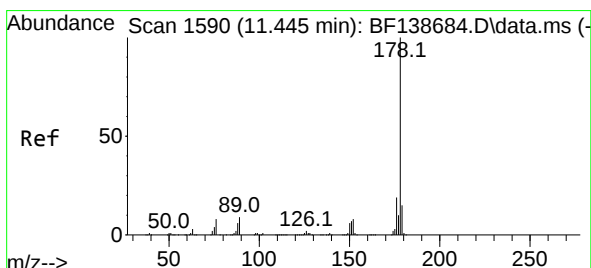
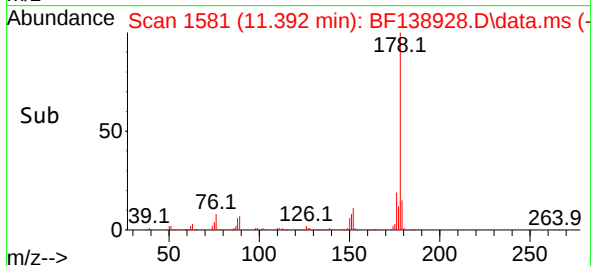
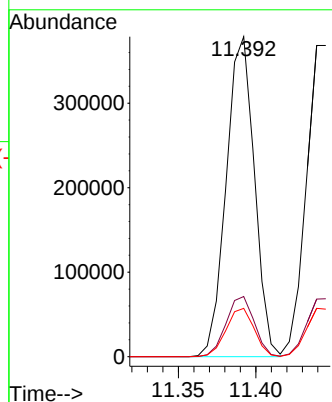
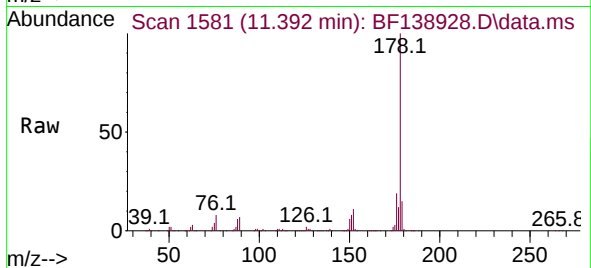
#71
Phenanthrene
Concen: 47.555 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :
BNA_F
ClientSampleId :
PB162605BS

Tgt Ion:178 Resp: 47891
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.1 12.2 18.2

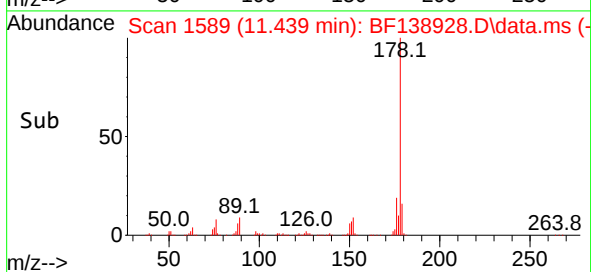
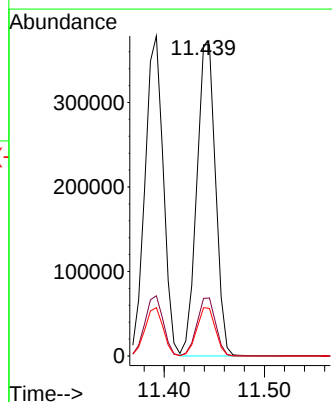
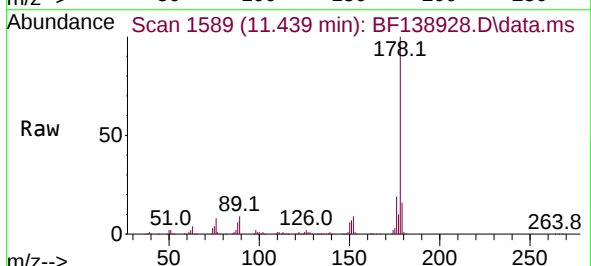
Manual Integrations
APPROVED

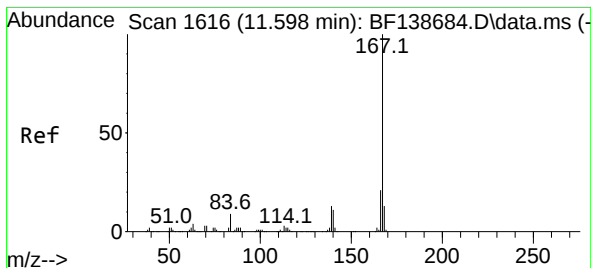
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#72
Anthracene
Concen: 48.525 ng
RT: 11.439 min Scan# 1589
Delta R.T. -0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:178 Resp: 481422
Ion Ratio Lower Upper
178 100
176 18.5 14.9 22.3
179 15.5 12.4 18.6





#73

Carbazole

Concen: 46.958 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138928.D

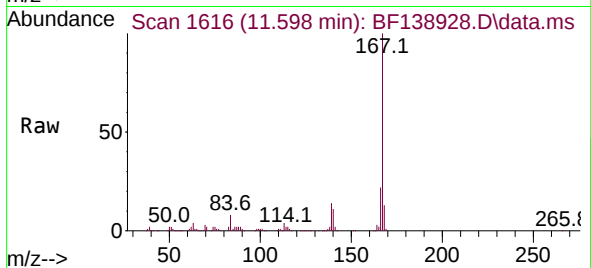
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



Tgt Ion:167 Resp: 40193

Ion Ratio Lower Upper

167 100

166 22.0 17.2 25.8

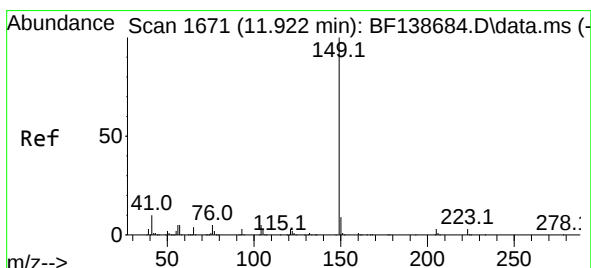
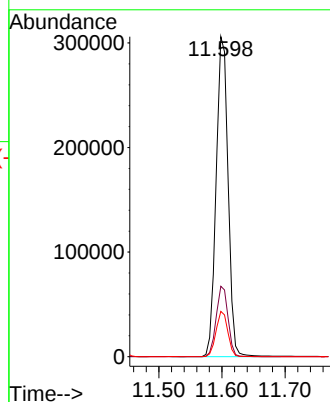
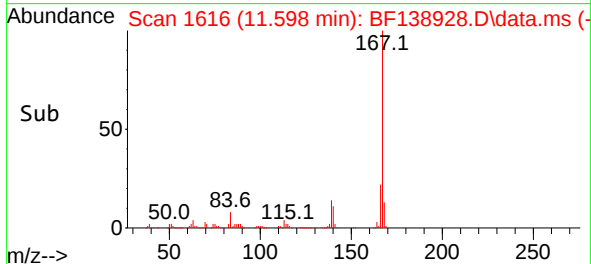
139 14.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#74

Di-n-butylphthalate

Concen: 51.889 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

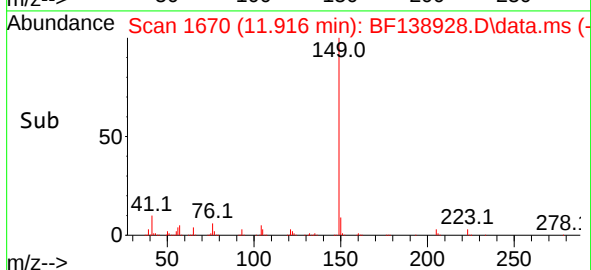
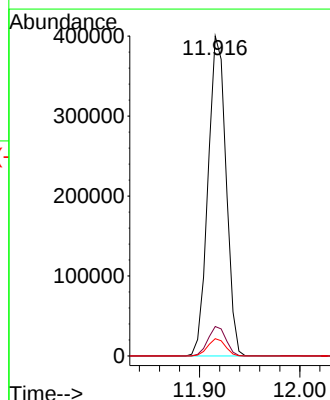
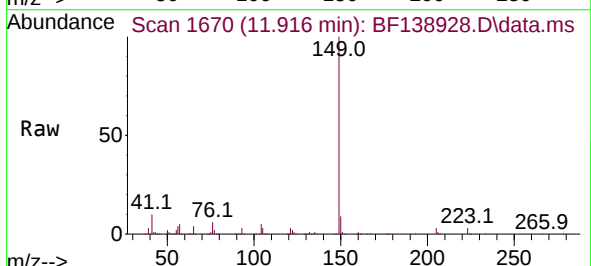
Tgt Ion:149 Resp: 499285

Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.4 4.1 6.1





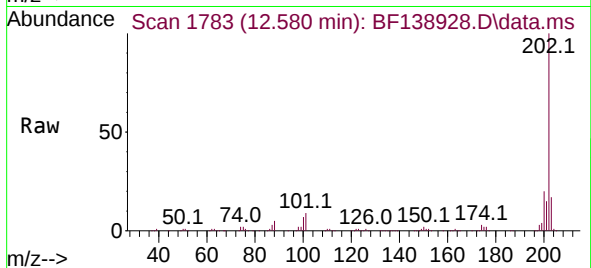
#75
Fluoranthene
Concen: 46.706 ng
RT: 12.580 min Scan# 1783
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



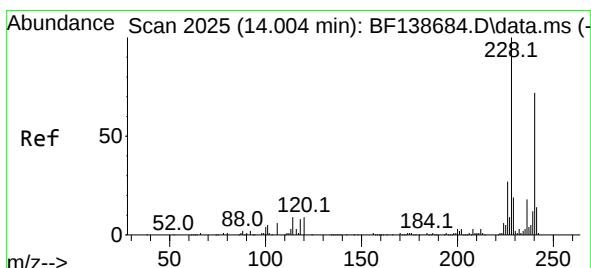
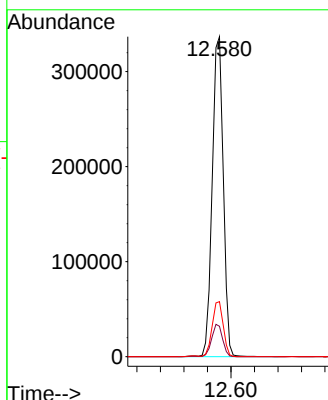
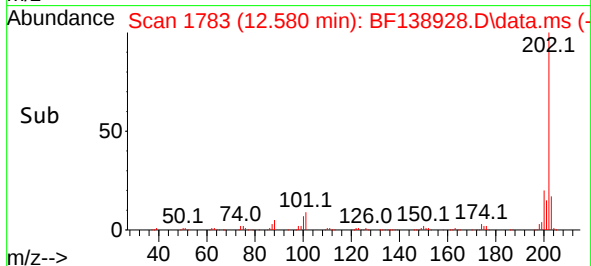
Tgt Ion:202 Resp: 43911
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.2
203 17.2 0.0 37.3

Manual Integrations

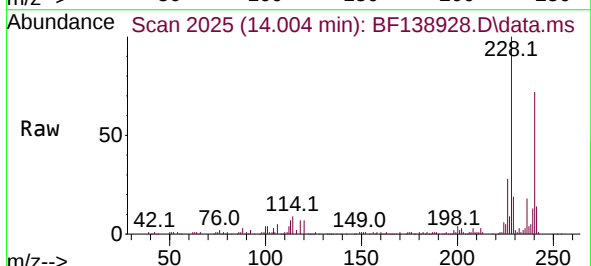
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

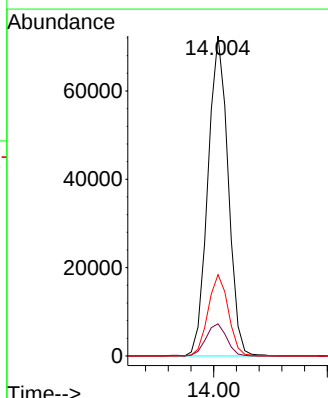
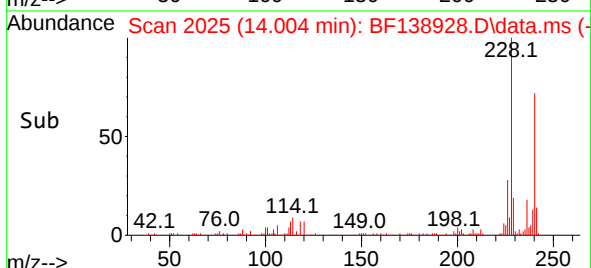
Supervised By :mohammad ahmed 08/13/2024

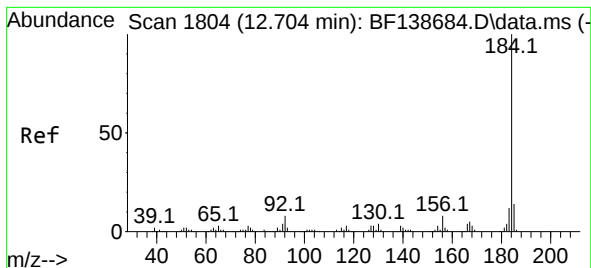


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.004 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:240 Resp: 89281
Ion Ratio Lower Upper
240 100
120 10.0 10.2 15.4#
236 25.4 19.8 29.8





#77

Benzidine

Concen: 14.530 ng

RT: 12.704 min Scan# 1804

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

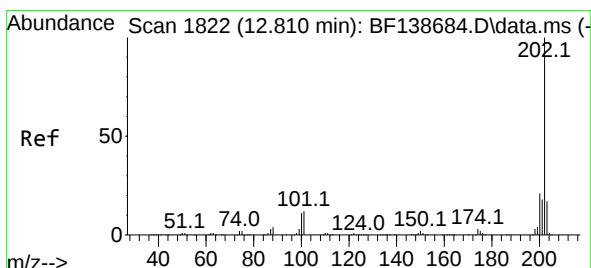
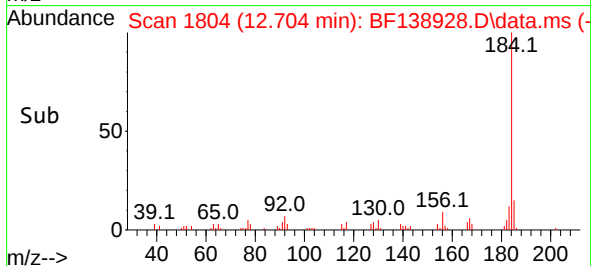
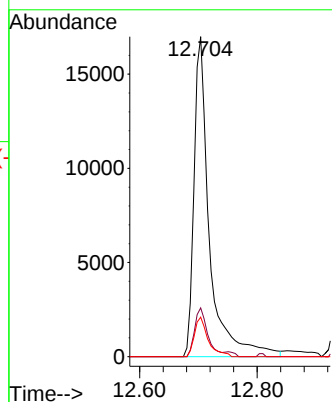
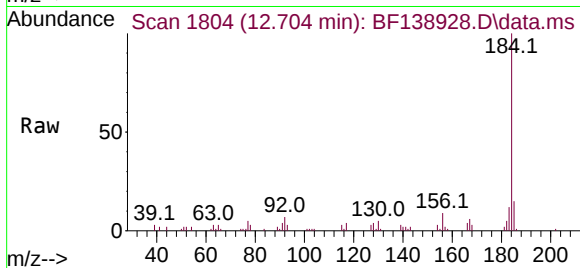
PB162605BS

Tgt Ion:184	Resp:	3102
Ion Ratio	Lower	Upper
184	100	
185	15.3	11.1 16.7
183	12.3	9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#78

Pyrene

Concen: 51.651 ng

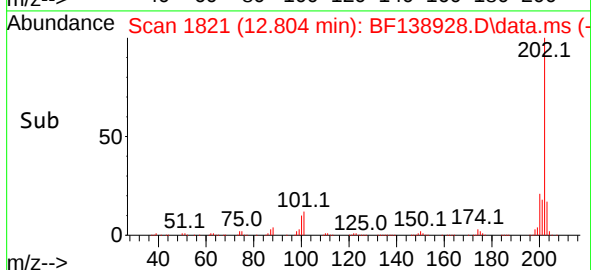
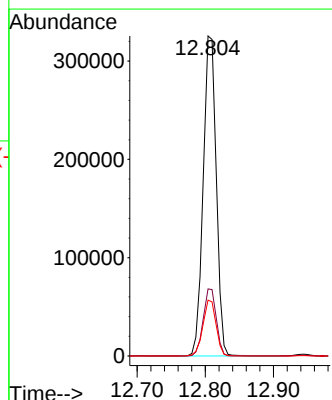
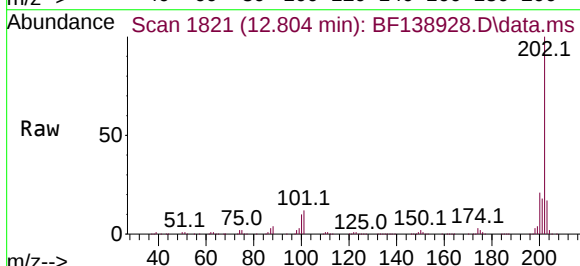
RT: 12.804 min Scan# 1821

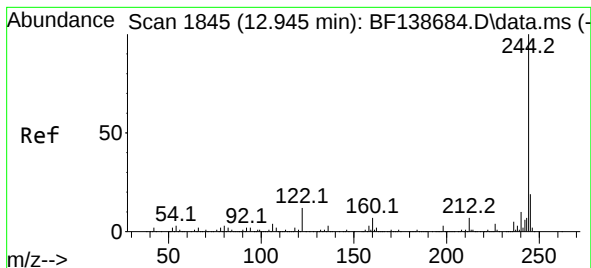
Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:202	Resp:	434181
Ion Ratio	Lower	Upper
202	100	
200	21.0	16.8 25.2
203	17.4	13.8 20.6





#79

Terphenyl-d14

Concen: 115.065 ng

RT: 12.945 min Scan# 1845

Delta R.T. -0.000 min

Lab File: BF138928.D

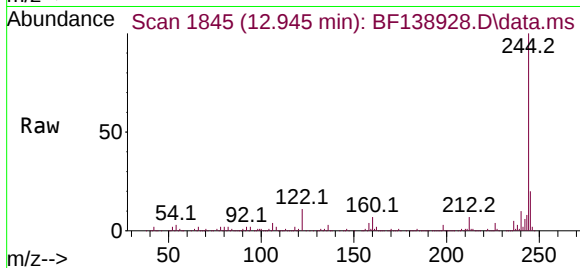
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



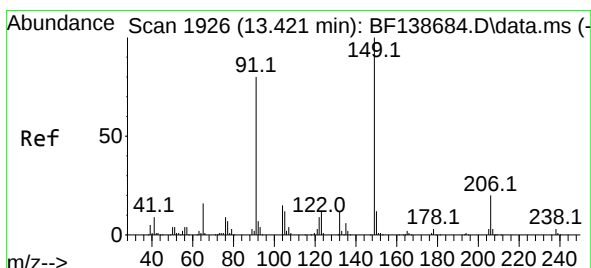
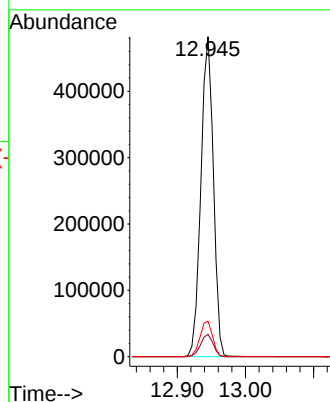
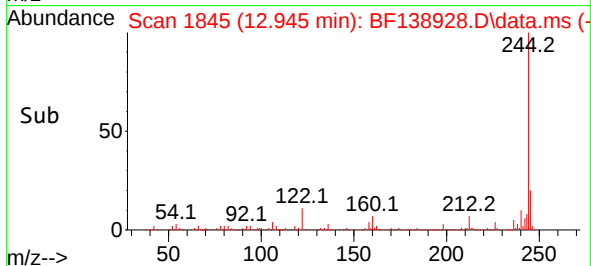
Tgt Ion:	244	Resp:	613590
Ion Ratio	Lower	Upper	
244	100		
212	6.9	5.4	8.2
122	11.1	9.6	14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#80

Butylbenzylphthalate

Concen: 50.980 ng

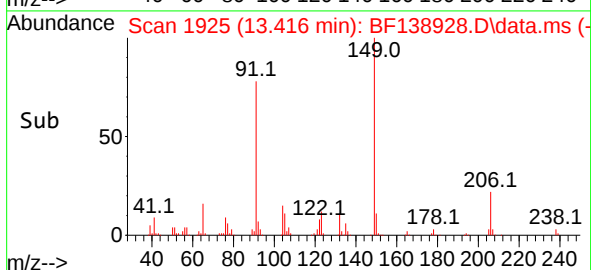
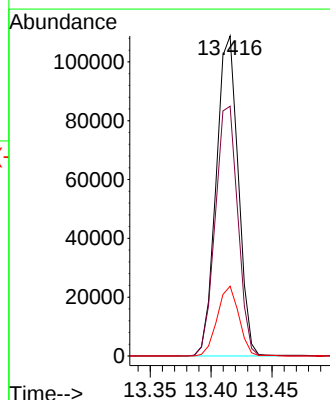
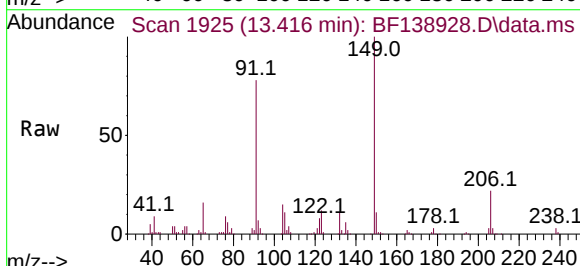
RT: 13.416 min Scan# 1925

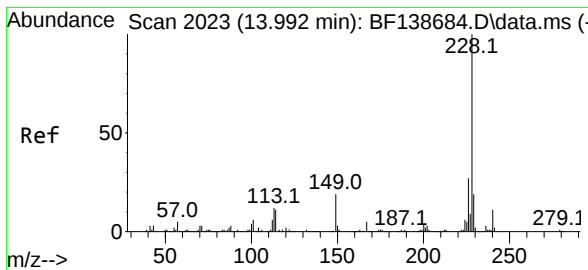
Delta R.T. -0.006 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Tgt Ion:	149	Resp:	137232
Ion Ratio	Lower	Upper	
149	100		
91	78.0	63.7	95.5
206	21.8	16.2	24.2





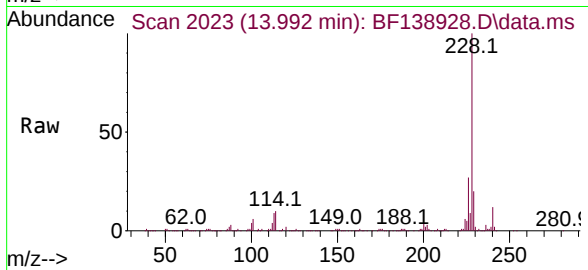
#81
Benzo(a)anthracene
Concen: 46.130 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

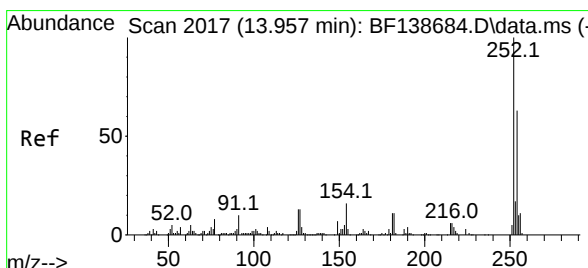
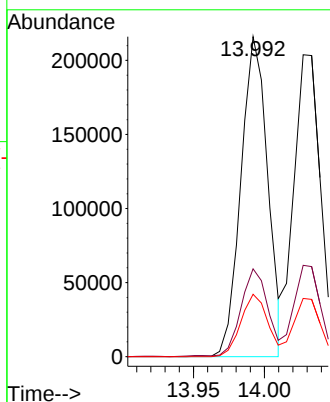
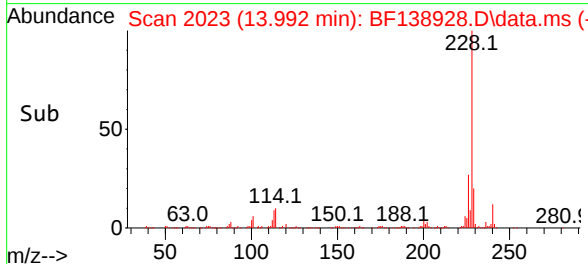


Tgt Ion:228 Resp: 283608
Ion Ratio Lower Upper
228 100
226 27.5 22.1 33.1
229 19.5 15.4 23.0

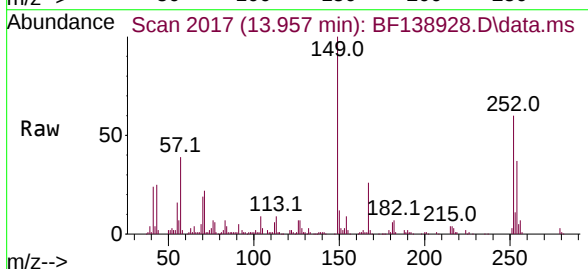
Manual Integrations

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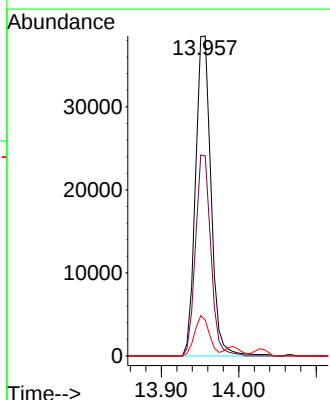
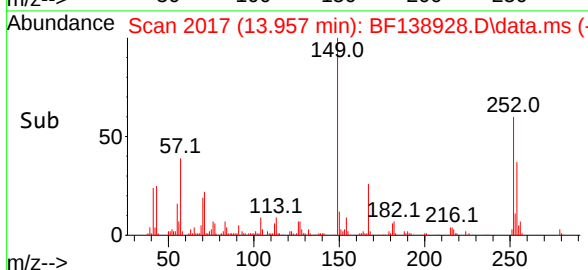
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

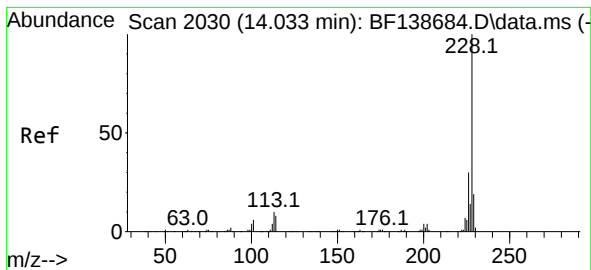


#82
3,3'-Dichlorobenzidine
Concen: 34.053 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:252 Resp: 53577
Ion Ratio Lower Upper
252 100
254 62.6 50.8 76.2
126 11.2 10.2 15.2





#83

Chrysene

Concen: 47.975 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF138928.D

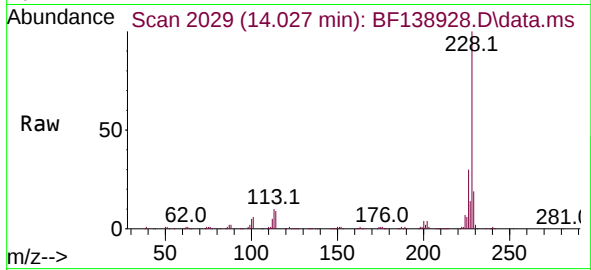
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS



Tgt Ion:228 Resp: 266108

Ion Ratio Lower Upper

228 100

226 30.3 23.7 35.5

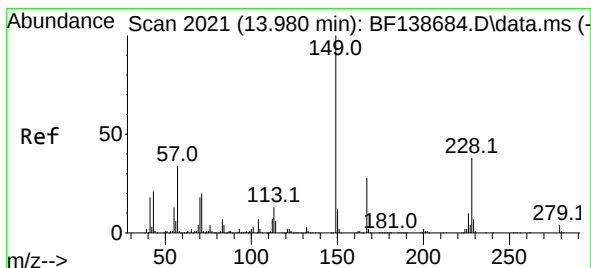
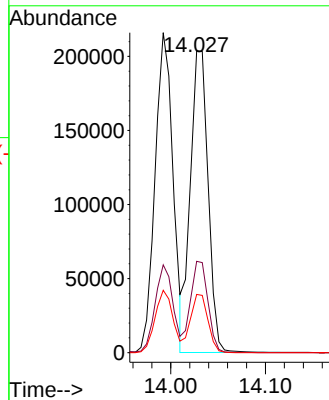
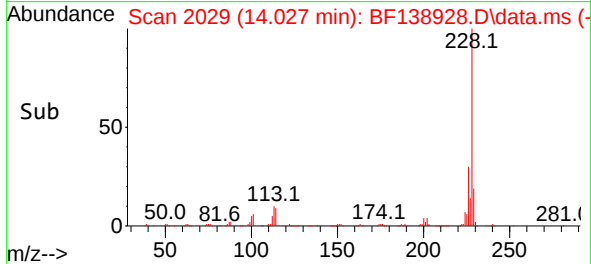
229 19.3 15.0 22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 42.273 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

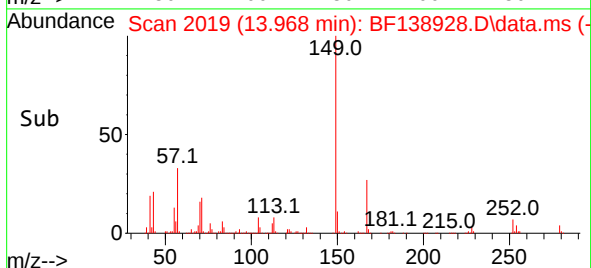
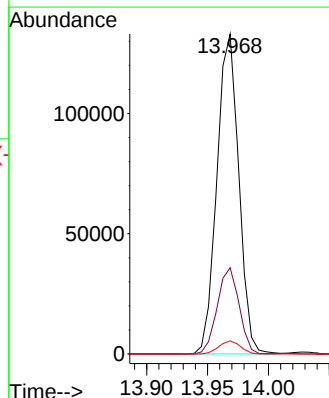
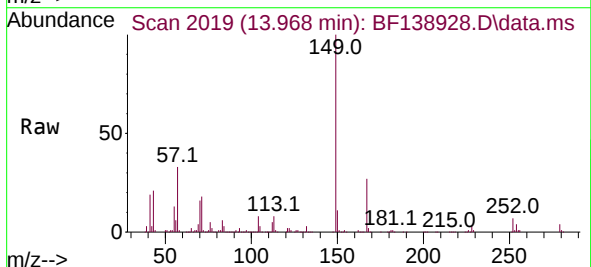
Tgt Ion:149 Resp: 166631

Ion Ratio Lower Upper

149 100

167 27.0 22.2 33.4

279 4.1 3.4 5.0





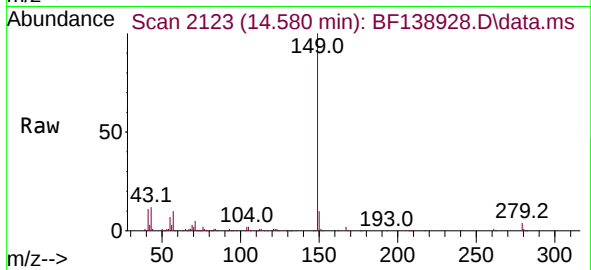
#85
Di-n-octyl phthalate
Concen: 40.133 ng
RT: 14.580 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

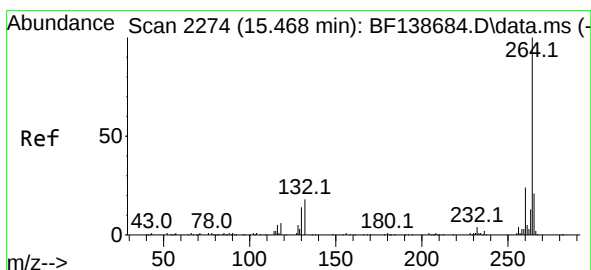
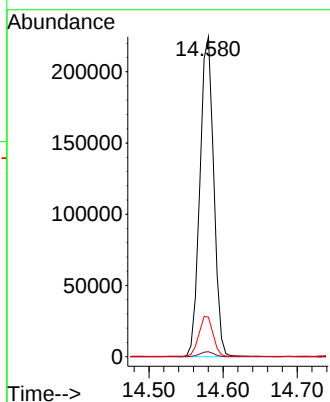
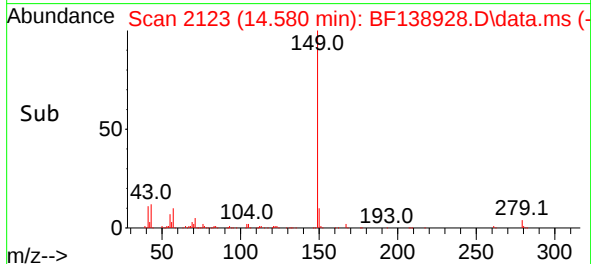


Tgt Ion:149 Resp: 292690
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 12.8 10.4 15.6

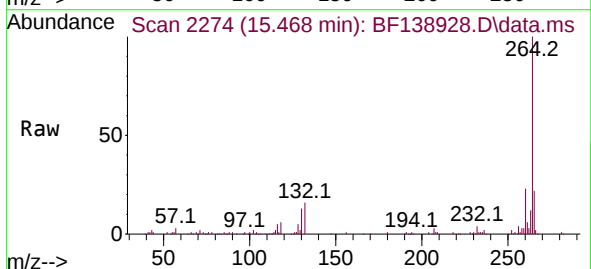
Manual Integrations

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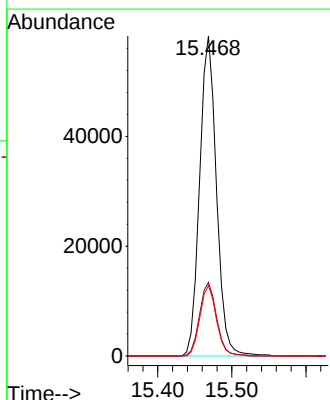
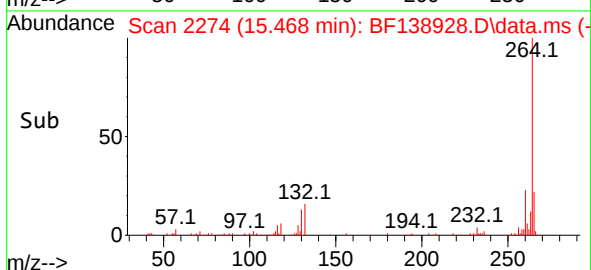
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2274
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:264 Resp: 91704
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 22.0 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.785 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

Tgt Ion:276 Resp: 314038

Ion Ratio Lower Upper

276 100

138 24.0 21.8 32.8

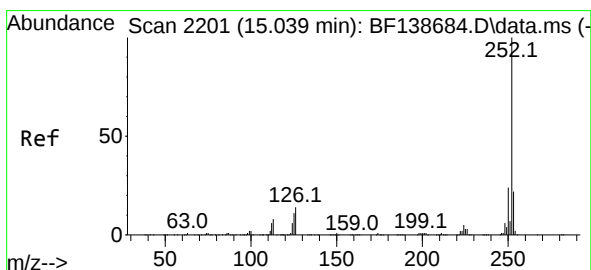
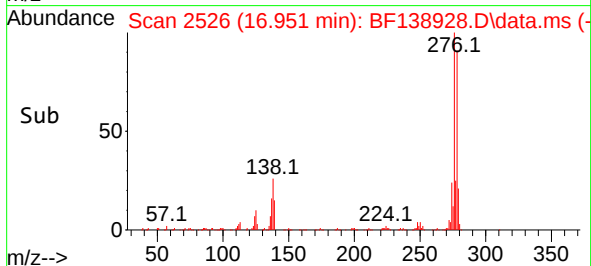
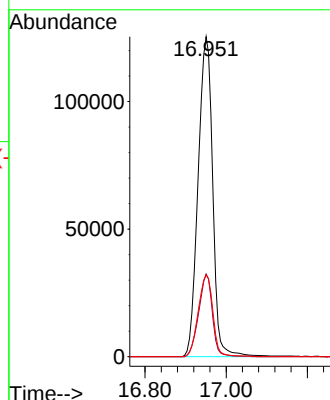
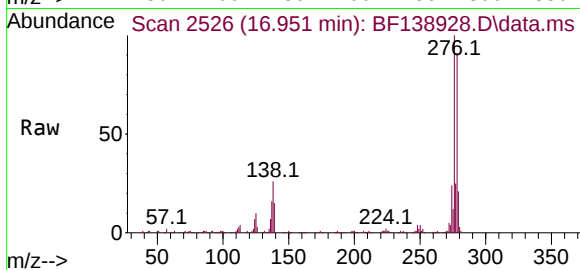
277 25.6 20.6 30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#88

Benzo(b)fluoranthene

Concen: 49.366 ng

RT: 15.039 min Scan# 2201

Delta R.T. -0.000 min

Lab File: BF138928.D

Acq: 12 Aug 2024 12:07

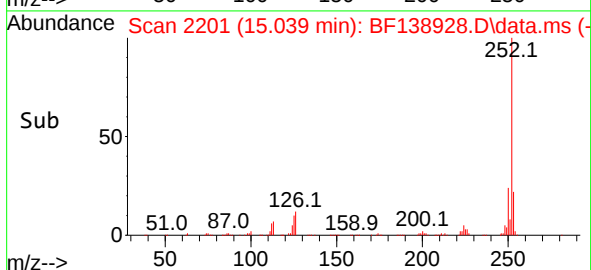
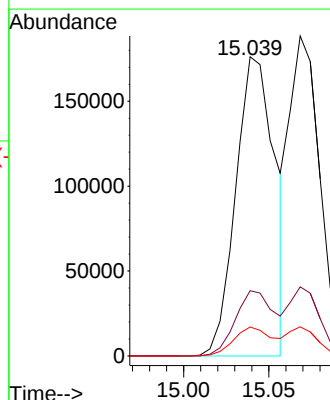
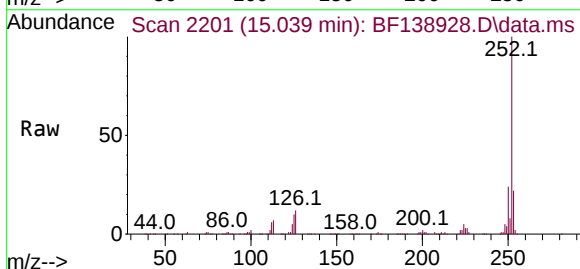
Tgt Ion:252 Resp: 280632

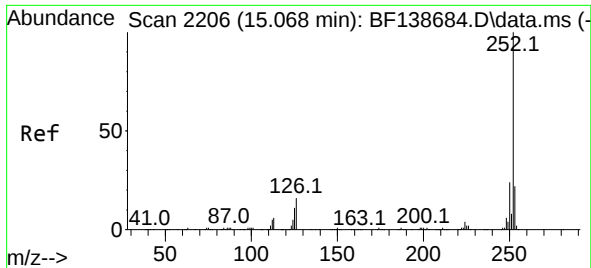
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 9.7 8.9 13.3





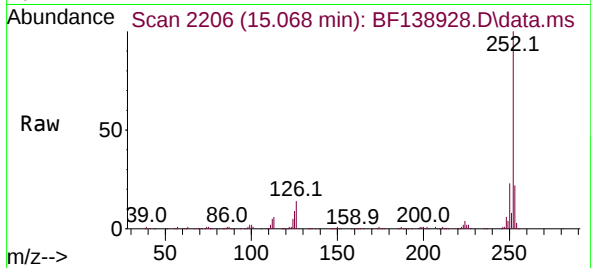
#89
Benzo(k)fluoranthene
Concen: 48.215 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

ClientSampleId :

PB162605BS

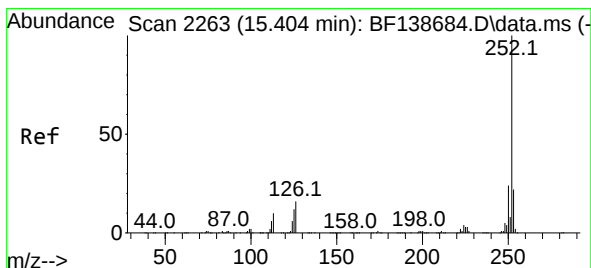
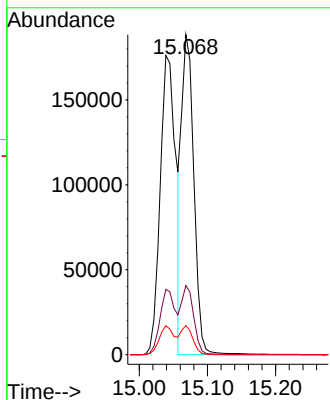
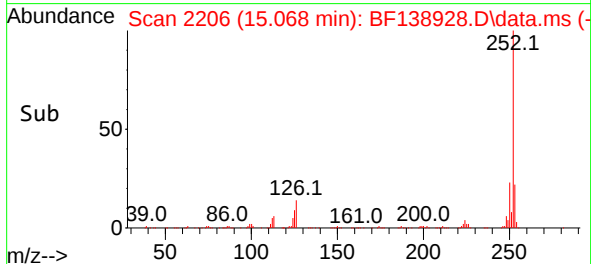


Tgt Ion:252 Resp: 237312
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 9.1 8.6 13.0

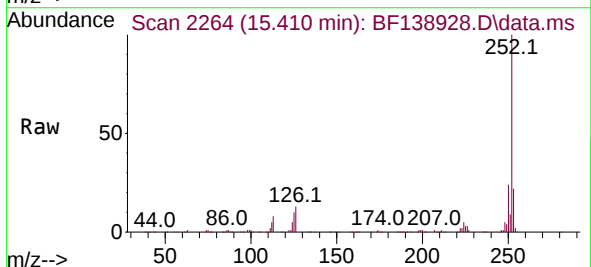
Manual Integrations

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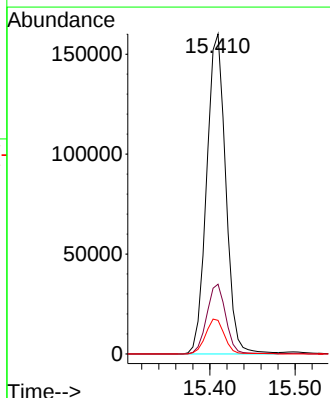
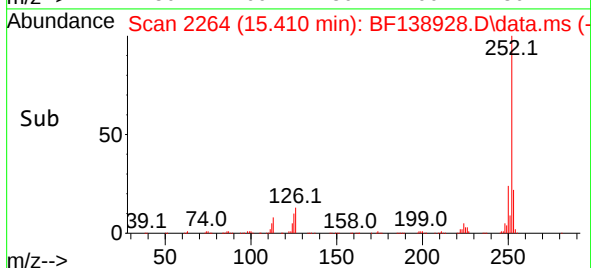
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#90
Benzo(a)pyrene
Concen: 52.061 ng
RT: 15.410 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07



Tgt Ion:252 Resp: 248942
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.5 9.5 14.3





#91
Dibenzo(a,h)anthracene
Concen: 47.223 ng
RT: 16.956 min Scan# 2526
Delta R.T. 0.006 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Instrument :

BNA_F

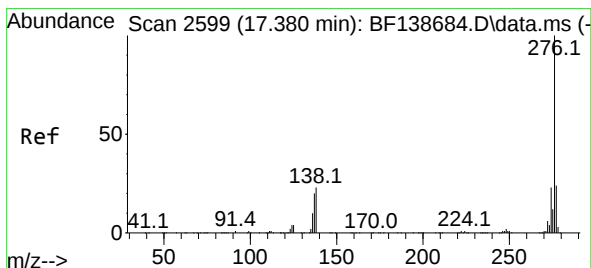
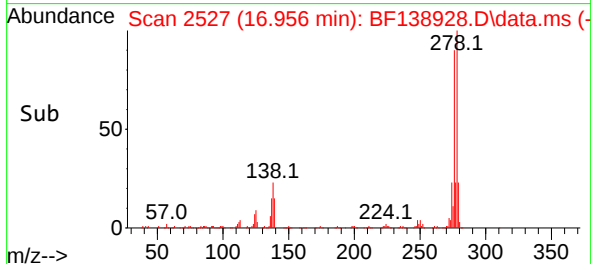
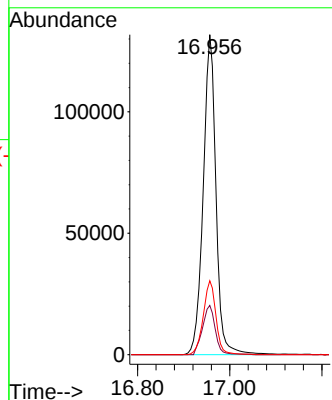
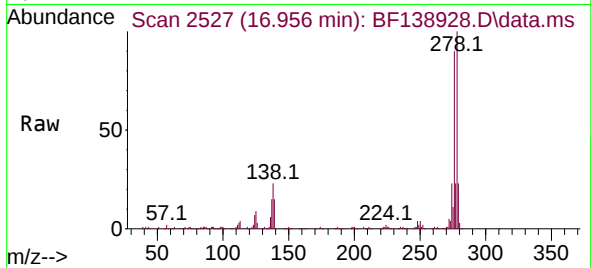
ClientSampleId :

PB162605BS

Tgt Ion:278 Resp: 254752
Ion Ratio Lower Upper
278 100
139 15.4 14.0 21.0
279 23.1 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#92
Benzo(g,h,i)perylene
Concen: 43.131 ng
RT: 17.392 min Scan# 2601
Delta R.T. 0.012 min
Lab File: BF138928.D
Acq: 12 Aug 2024 12:07

Tgt Ion:276 Resp: 241447
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.0 18.5 27.7

