

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
 Data File : BF138926.D
 Acq On : 12 Aug 2024 11:08
 Operator : RC/JU
 Sample : PB162487BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162487BS

Manual Integrations
 APPROVED

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

Quant Time: Aug 12 11:42:07 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	6.839	152	49261	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	201466	20.000	ng	0.00
39) Acenaphthene-d10	9.874	164	113454	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	194377	20.000	ng	0.00
76) Chrysene-d12	14.004	240	101916	20.000	ng	# 0.00
86) Perylene-d12	15.468	264	92387	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	414141	129.776	ng	0.02
7) Phenol-d6	6.492	99	539792	125.987	ng	0.00
23) Nitrobenzene-d5	7.410	82	357062	86.651	ng	0.00
42) 2,4,6-Tribromophenol	10.674	330	122841	132.181	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	651390	86.265	ng	0.00
79) Terphenyl-d14	12.945	244	629713	103.449	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.698	88	45809	32.788	ng	95
3) Pyridine	3.451	79	116677	34.475	ng	97
4) n-Nitrosodimethylamine	3.410	42	104799	51.991	ng	82
6) Aniline	6.510	93	123929	32.434	ng	# 17
8) 2-Chlorophenol	6.634	128	158821	47.303	ng	99
9) Benzaldehyde	6.398	77	84653	32.960	ng	99
10) Phenol	6.510	94	212466	47.099	ng	87
11) bis(2-Chloroethyl)ether	6.581	93	150948	43.483	ng	99
12) 1,3-Dichlorobenzene	6.781	146	168862	44.930	ng	97
13) 1,4-Dichlorobenzene	6.857	146	172822	45.565	ng	98
14) 1,2-Dichlorobenzene	7.010	146	165510	46.693	ng	99
15) Benzyl Alcohol	6.992	79	156097	50.549	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.110	45	257457	43.095	ng	# 48
17) 2-Methylphenol	7.110	107	129244	46.617	ng	# 86
18) Hexachloroethane	7.345	117	64131	44.919	ng	98
19) n-Nitroso-di-n-propyla...	7.263	70	124074	47.946	ng	98
20) 3+4-Methylphenols	7.263	107	172780	48.572	ng	# 79
22) Acetophenone	7.257	105	219647	44.527	ng	97
24) Nitrobenzene	7.428	77	189593	45.216	ng	99
25) Isophorone	7.669	82	325679	46.286	ng	98
26) 2-Nitrophenol	7.745	139	85439	47.361	ng	95
27) 2,4-Dimethylphenol	7.786	122	108473	50.256	ng	98
28) bis(2-Chloroethoxy)met...	7.875	93	187111	43.668	ng	99
29) 2,4-Dichlorophenol	7.992	162	132645	47.825	ng	98
30) 1,2,4-Trichlorobenzene	8.063	180	147307	46.023	ng	98
31) Naphthalene	8.145	128	479193	45.187	ng	100
32) Benzoic acid	7.939	122	58891	34.709	ng	97
33) 4-Chloroaniline	8.198	127	86385	24.268	ng	96
34) Hexachlorobutadiene	8.257	225	89665	46.250	ng	98
35) Caprolactam	8.586	113	38151m	46.099	ng	
36) 4-Chloro-3-methylphenol	8.692	107	153042	48.282	ng	98
37) 2-Methylnaphthalene	8.833	142	309722	46.246	ng	99
38) 1-Methylnaphthalene	8.933	142	286662	43.680	ng	98
40) 1,2,4,5-Tetrachloroben...	9.004	216	134156	42.567	ng	98
41) Hexachlorocyclopentadiene	8.980	237	79472	93.939	ng	99
43) 2,4,6-Trichlorophenol	9.122	196	83805	43.613	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF081224\
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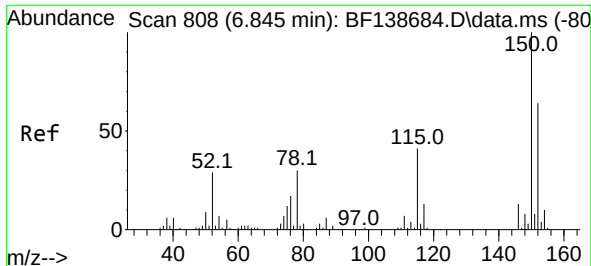
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 08/13/2024

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 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)
44) 2,4,5-Trichlorophenol	9.175	196	90396	43.032	ng	98
46) 1,1'-Biphenyl	9.298	154	368951	41.523	ng	99
47) 2-Chloronaphthalene	9.327	162	288042	43.587	ng	99
48) 2-Nitroaniline	9.433	65	104638	46.706	ng	99
49) Acenaphthylene	9.739	152	452132	48.239	ng	99
50) Dimethylphthalate	9.604	163	345706	47.655	ng	99
51) 2,6-Dinitrotoluene	9.675	165	73405	44.836	ng	90
52) Acenaphthene	9.910	154	273292	43.376	ng	99
53) 3-Nitroaniline	9.845	138	51898	30.664	ng	94
54) 2,4-Dinitrophenol	9.963	184	64454	85.523	ng	86
55) Dibenzofuran	10.086	168	412527	46.383	ng	99
56) 4-Nitrophenol	10.027	139	73410	72.128	ng	90
57) 2,4-Dinitrotoluene	10.080	165	103022	49.322	ng #	83
58) Fluorene	10.427	166	333040	47.023	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.210	232	76910	47.889	ng	97
60) Diethylphthalate	10.298	149	340833	49.551	ng	100
61) 4-Chlorophenyl-phenyle...	10.416	204	163080	46.817	ng	97
62) 4-Nitroaniline	10.463	138	69274	43.070	ng	85
63) Azobenzene	10.574	77	352911	46.260	ng	97
65) 4,6-Dinitro-2-methylph...	10.492	198	55648	46.926	ng	95
66) n-Nitrosodiphenylamine	10.539	169	282230	46.451	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	95942	45.589	ng	97
68) Hexachlorobenzene	10.974	284	98738	45.440	ng	99
69) Atrazine	11.069	200	83319	53.152	ng	99
70) Pentachlorophenol	11.180	266	70676	72.161	ng	99
71) Phenanthrene	11.392	178	473701	47.328	ng	100
72) Anthracene	11.445	178	480792	48.761	ng	99
73) Carbazole	11.598	167	403763	47.464	ng	99
74) Di-n-butylphthalate	11.916	149	507641	53.084	ng	99
75) Fluoranthene	12.580	202	451658	48.337	ng	98
77) Benzidine	12.704	184	32889	13.492	ng	99
78) Pyrene	12.810	202	447582	46.644	ng	100
80) Butylbenzylphthalate	13.415	149	155185	50.503	ng	97
81) Benzo(a)anthracene	13.992	228	341368	48.641	ng	99
82) 3,3'-Dichlorobenzidine	13.957	252	60120	33.475	ng	98
83) Chrysene	14.033	228	287894	45.469	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	183850	40.859	ng	100
85) Di-n-octyl phthalate	14.580	149	308852	37.099	ng	99
87) Indeno(1,2,3-cd)pyrene	16.951	276	316430	47.793	ng	96
88) Benzo(b)fluoranthene	15.039	252	283595	49.518	ng	98
89) Benzo(k)fluoranthene	15.068	252	252885	50.999	ng	99
90) Benzo(a)pyrene	15.409	252	253041	52.527	ng	98
91) Dibenzo(a,h)anthracene	16.956	278	255323	46.979	ng	98
92) Benzo(g,h,i)perylene	17.392	276	241314	42.788	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.839 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF138926.D
 Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

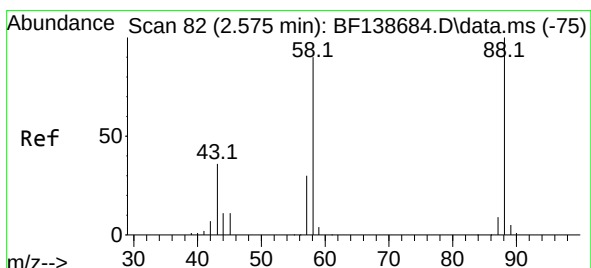
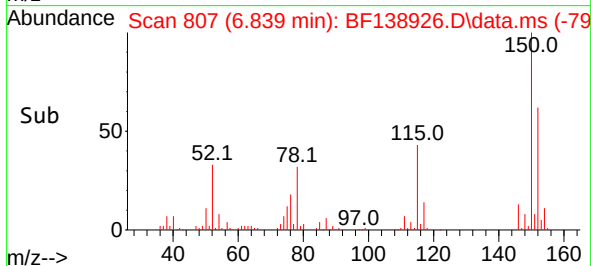
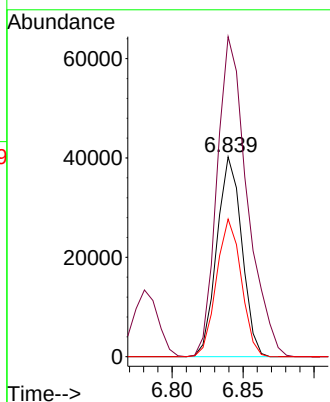
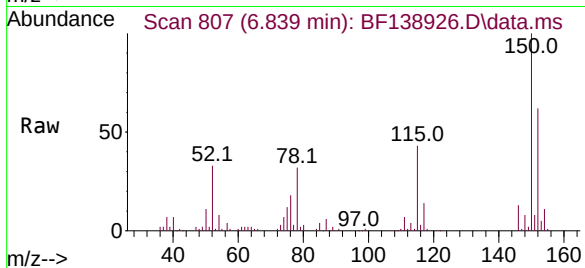
PB162487BS

Tgt Ion:152 Resp: 4926
 Ion Ratio Lower Upper
 152 100
 150 160.1 126.0 189.0
 115 68.8 51.7 77.5

Manual Integrations

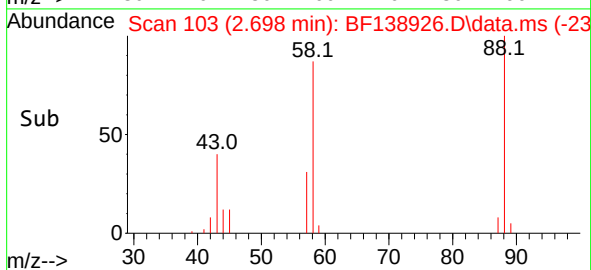
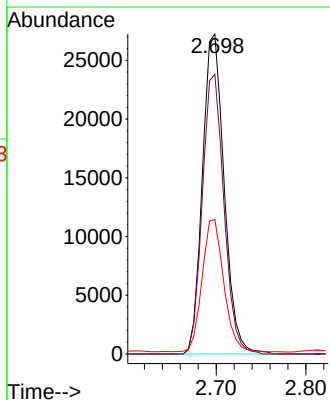
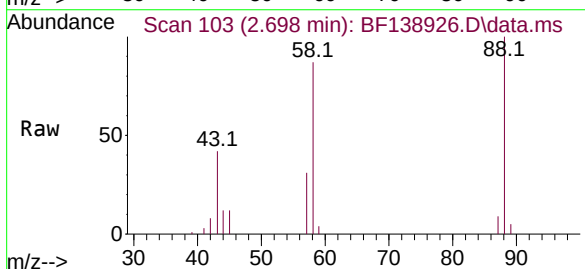
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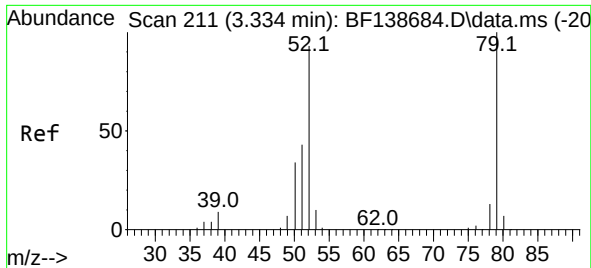
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#2
 1,4-Dioxane
 Concen: 32.788 ng
 RT: 2.698 min Scan# 103
 Delta R.T. 0.123 min
 Lab File: BF138926.D
 Acq: 12 Aug 2024 11:08

Tgt Ion: 88 Resp: 45809
 Ion Ratio Lower Upper
 88 100
 58 86.8 71.6 107.4
 43 41.5 28.7 43.1





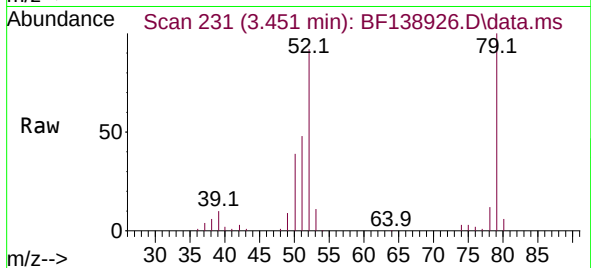
#3
Pyridine
Concen: 34.475 ng
RT: 3.451 min Scan# 211
Delta R.T. 0.118 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

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PB162487BS

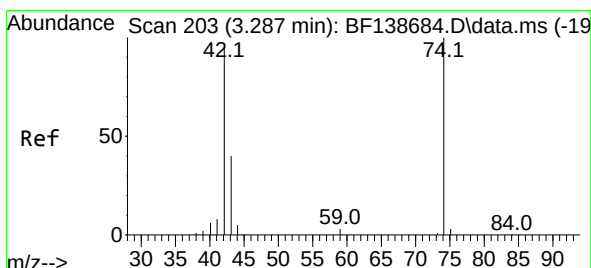
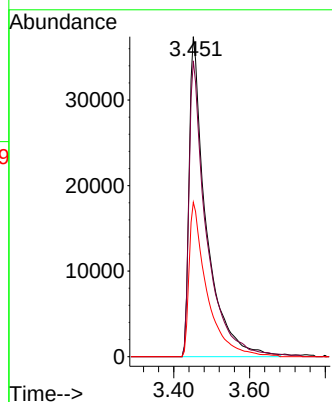
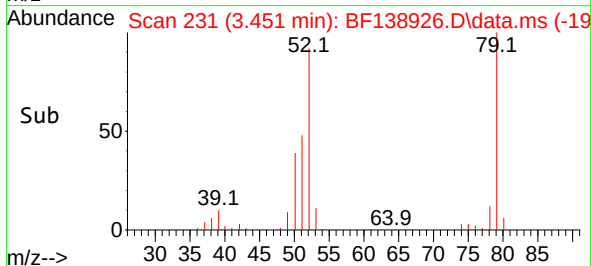


Tgt Ion: 79 Resp: 11667
Ion Ratio Lower Upper
79 100
52 92.5 74.7 112.1
51 48.2 34.6 51.8

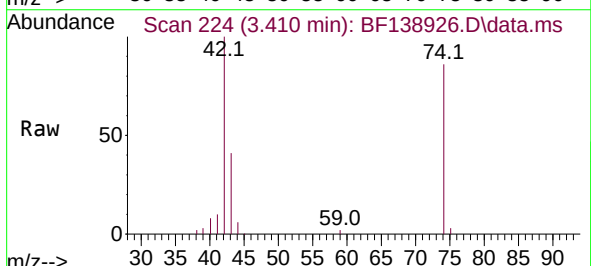
Manual Integrations

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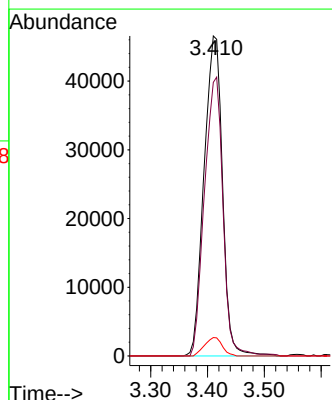
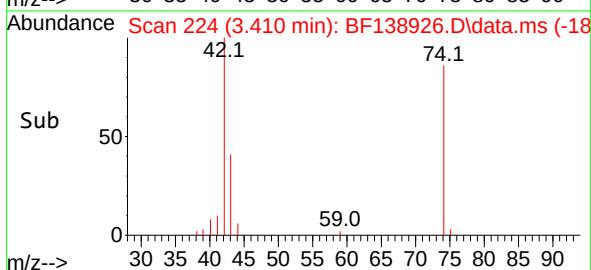
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

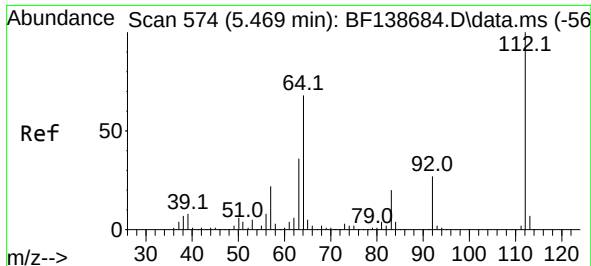


#4
n-Nitrosodimethylamine
Concen: 51.991 ng
RT: 3.410 min Scan# 224
Delta R.T. 0.123 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



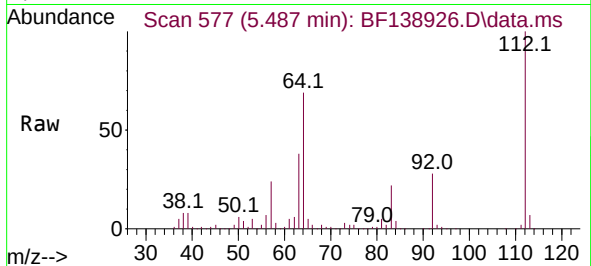
Tgt Ion: 42 Resp: 104799
Ion Ratio Lower Upper
42 100
74 85.5 84.2 126.4
44 5.7 4.9 7.3





#5
2-Fluorophenol
Concen: 129.776 ng
RT: 5.487 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

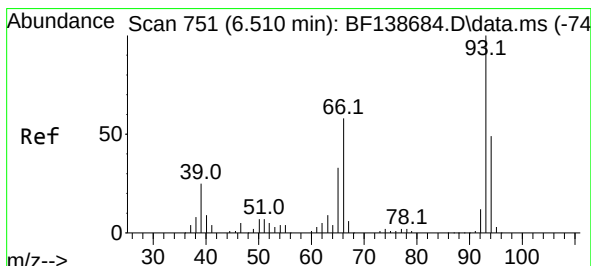
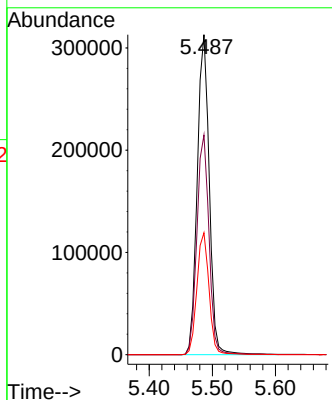
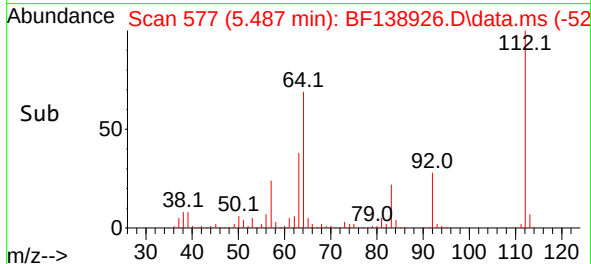
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion:112 Resp: 41414
Ion Ratio Lower Upper
112 100
64 68.7 54.2 81.4
63 38.1 28.7 43.1

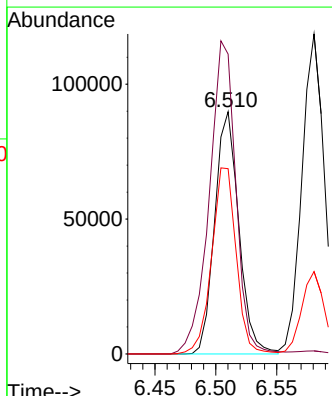
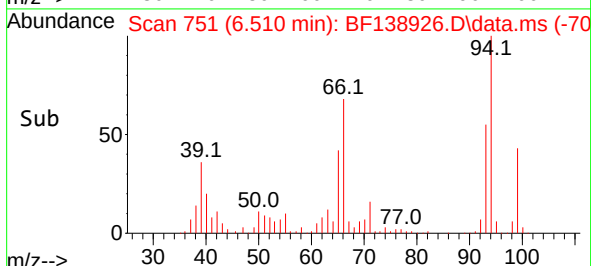
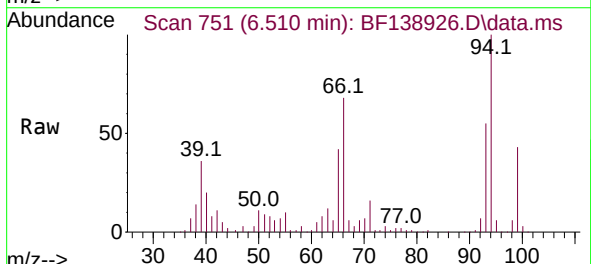
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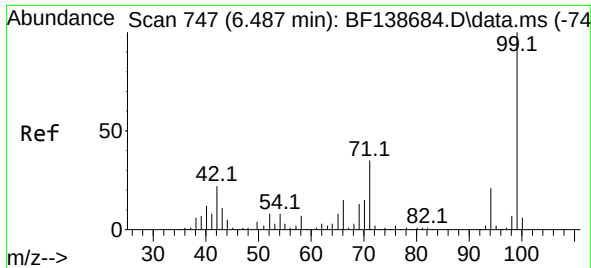
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#6
Aniline
Concen: 32.434 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

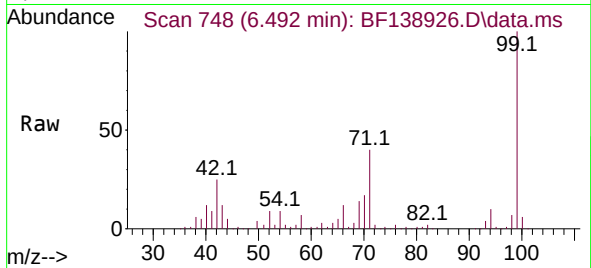
Tgt Ion: 93 Resp: 123929
Ion Ratio Lower Upper
93 100
66 123.8 46.9 70.3#
65 76.4 26.5 39.7#





#7
Phenol-d6
Concen: 125.987 ng
RT: 6.492 min Scan# 747
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

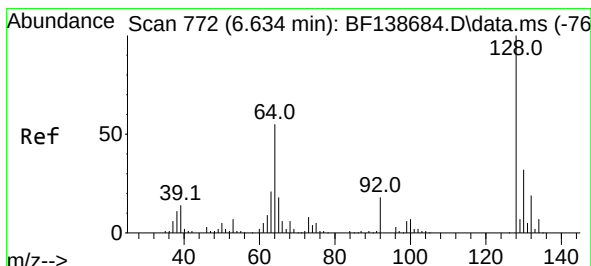
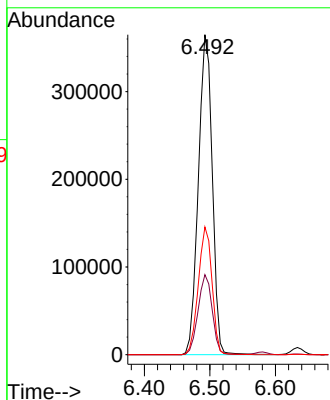
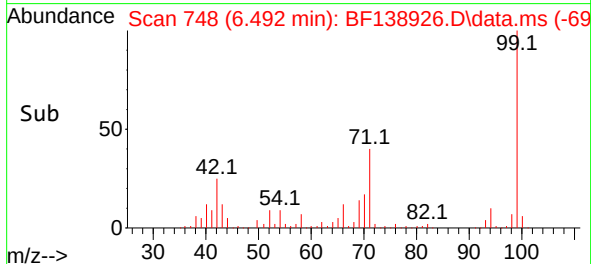
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion: 99 Resp: 539792
Ion Ratio Lower Upper
99 100
42 25.0 17.4 26.0
71 39.9 28.1 42.1

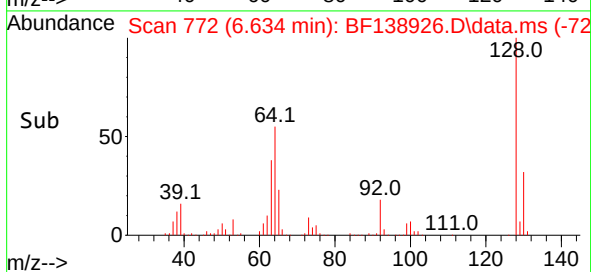
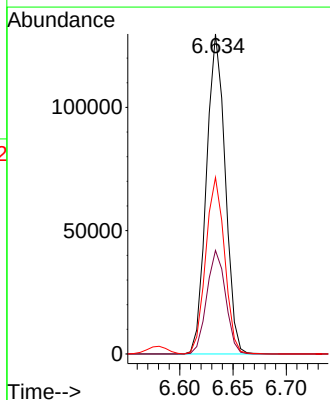
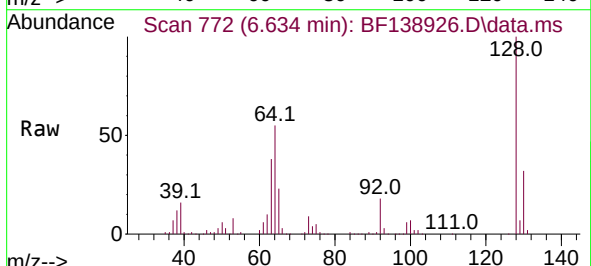
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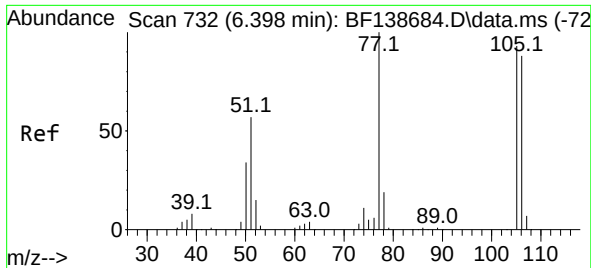
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#8
2-Chlorophenol
Concen: 47.303 ng
RT: 6.634 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:128 Resp: 158821
Ion Ratio Lower Upper
128 100
130 32.3 12.0 52.0
64 55.2 36.3 76.3





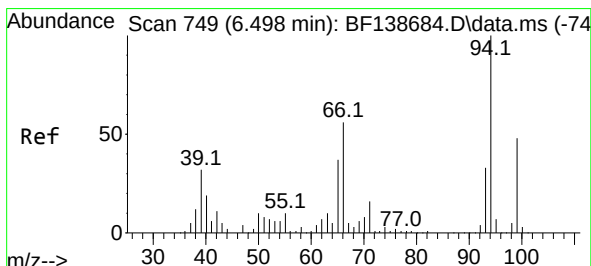
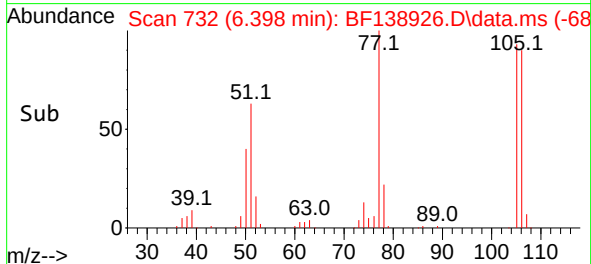
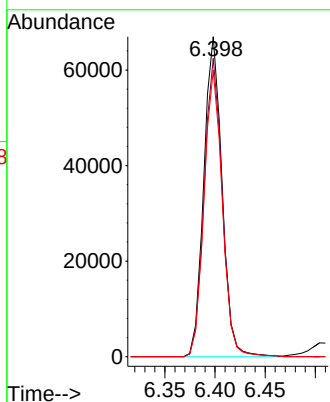
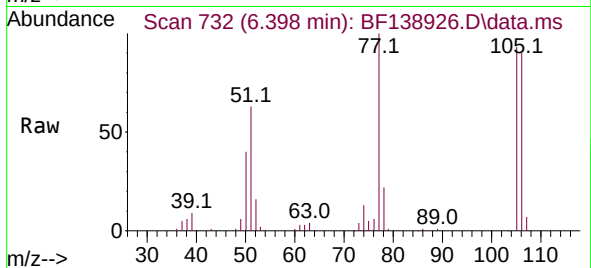
#9
Benzaldehyde
Concen: 32.960 ng
RT: 6.398 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162487BS

Tgt Ion: 77 Resp: 8465
Ion Ratio Lower Upper
77 100
105 93.2 72.9 112.9
106 89.5 68.4 108.4

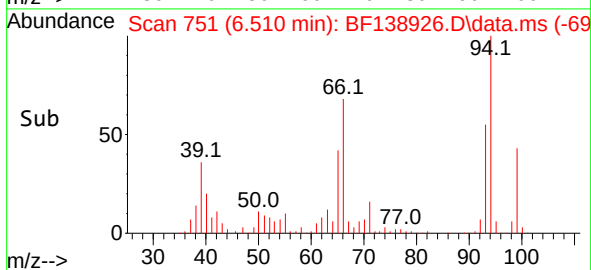
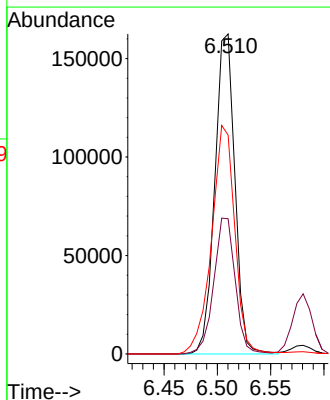
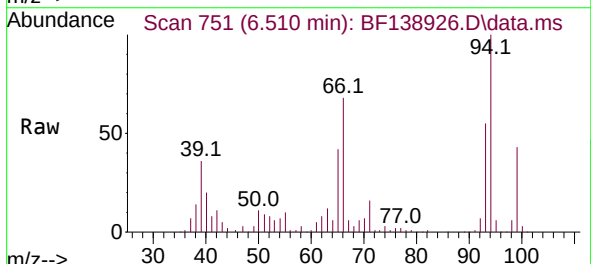
Manual Integrations
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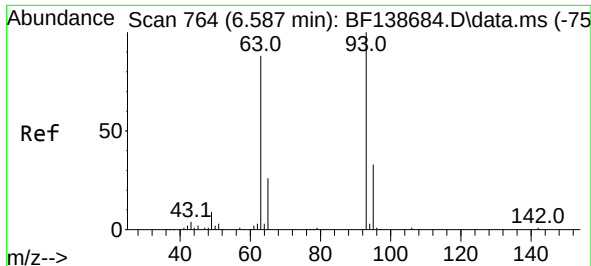
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#10
Phenol
Concen: 47.099 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

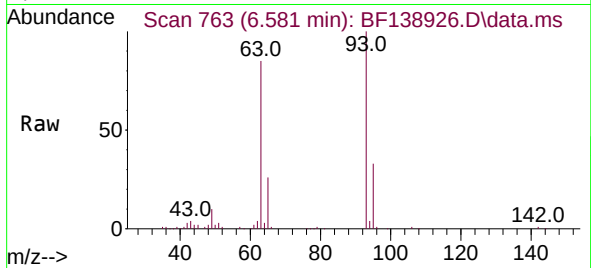
Tgt Ion: 94 Resp: 212466
Ion Ratio Lower Upper
94 100
65 42.3 16.9 56.9
66 68.4 36.5 76.5





#11
bis(2-Chloroethyl)ether
Concen: 43.483 ng
RT: 6.581 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

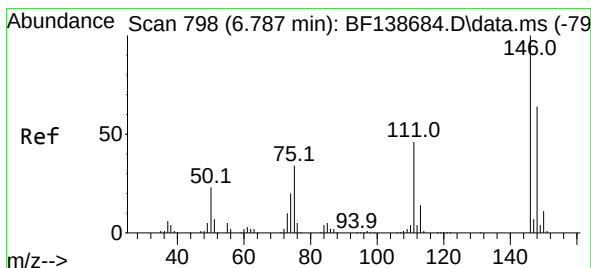
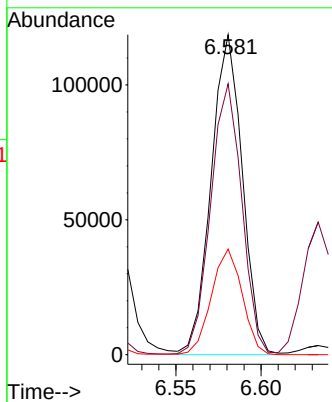
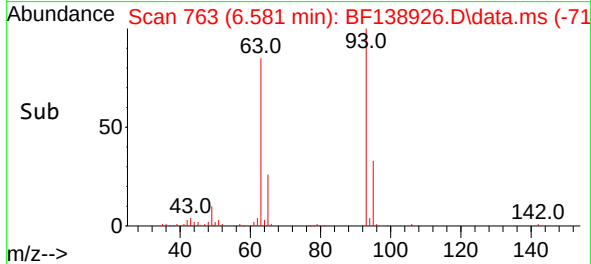
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion: 93 Resp: 150948
Ion Ratio Lower Upper
93 100
63 84.7 65.3 105.3
95 33.0 12.4 52.4

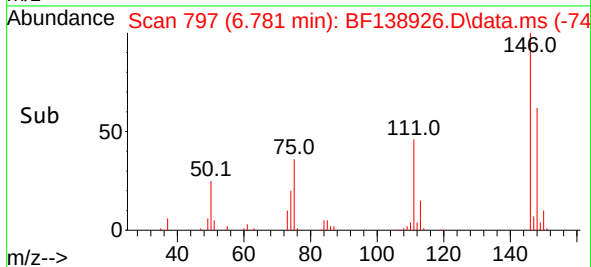
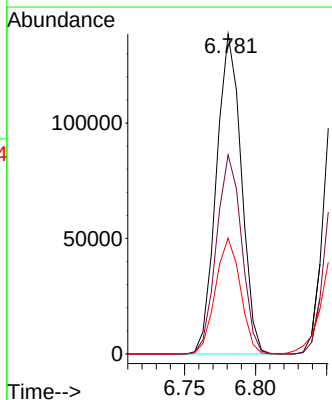
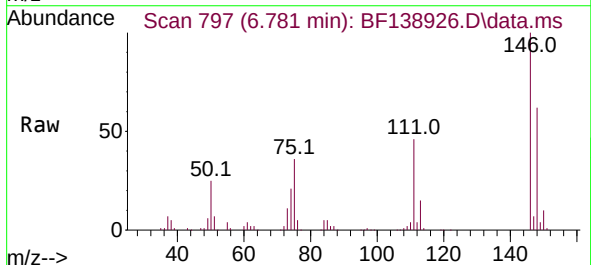
Manual Integrations
APPROVED

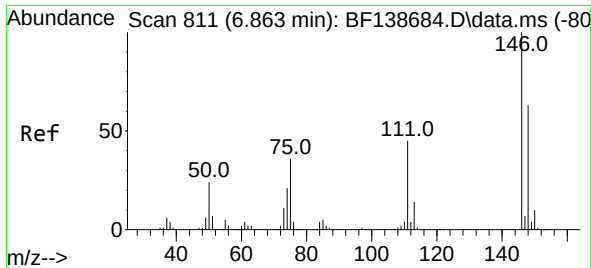
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#12
1,3-Dichlorobenzene
Concen: 44.930 ng
RT: 6.781 min Scan# 797
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:146 Resp: 168862
Ion Ratio Lower Upper
146 100
148 62.2 51.2 76.8
75 36.2 27.4 41.2





#13
1,4-Dichlorobenzene
Concen: 45.565 ng
RT: 6.857 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

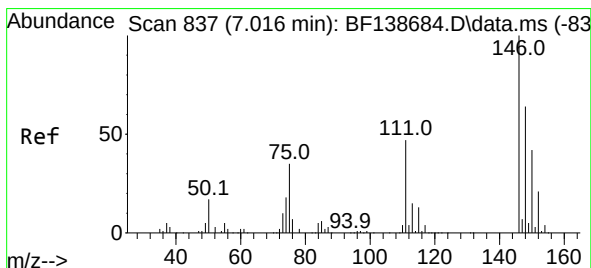
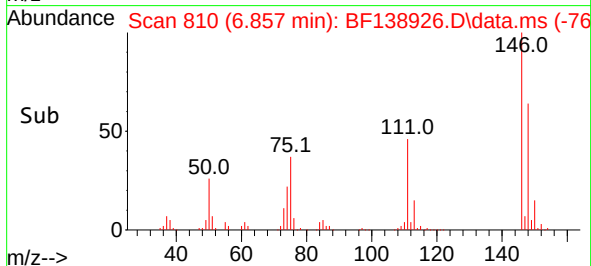
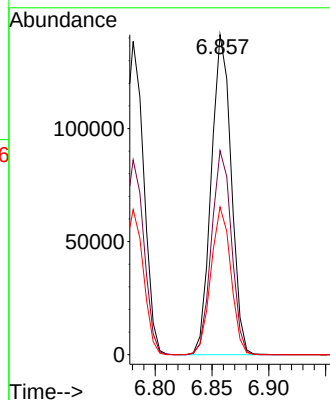
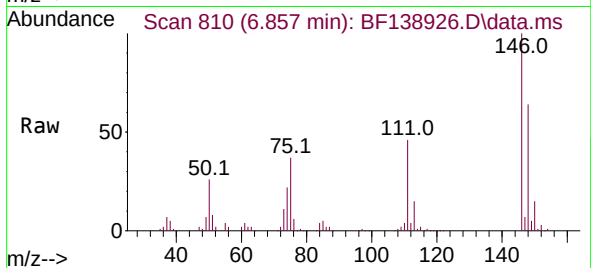
ClientSampleId :

PB162487BS

Tgt Ion:146 Resp: 17282
Ion Ratio Lower Upper
146 100
148 63.7 50.2 75.2
111 46.2 35.9 53.9

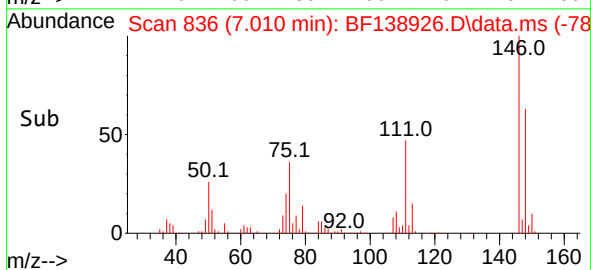
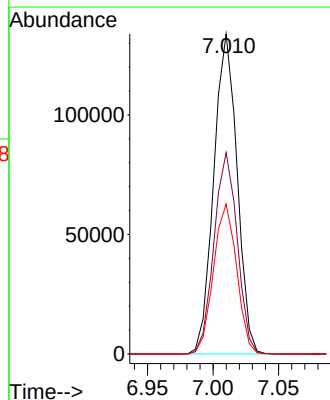
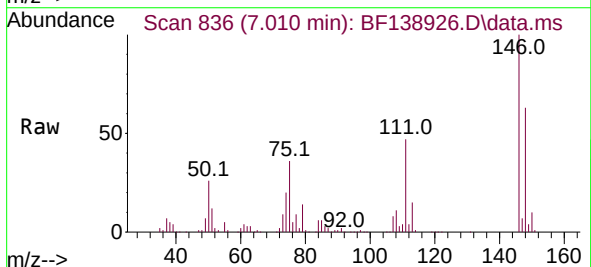
Manual Integrations
APPROVED

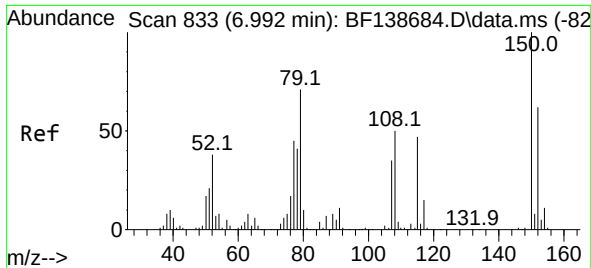
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#14
1,2-Dichlorobenzene
Concen: 46.693 ng
RT: 7.010 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

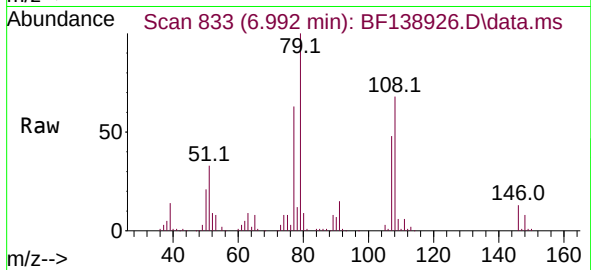
Tgt Ion:146 Resp: 165510
Ion Ratio Lower Upper
146 100
148 62.9 50.8 76.2
111 46.9 37.4 56.2





#15
Benzyl Alcohol
Concen: 50.549 ng
RT: 6.992 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

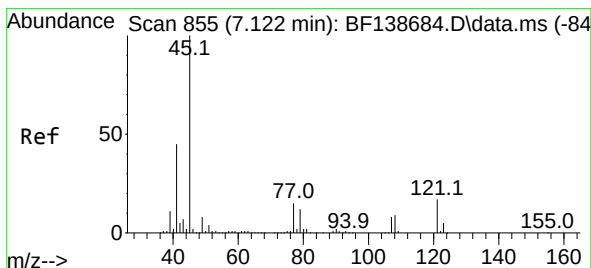
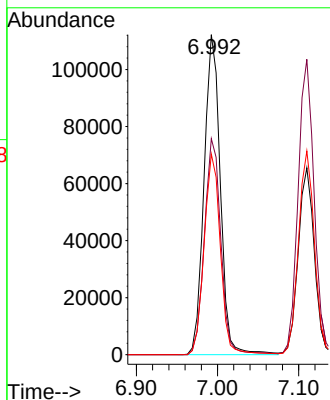
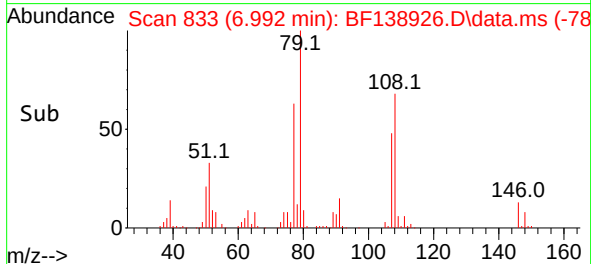
Instrument :
BNA_F
ClientSampleId :
PB162487BS



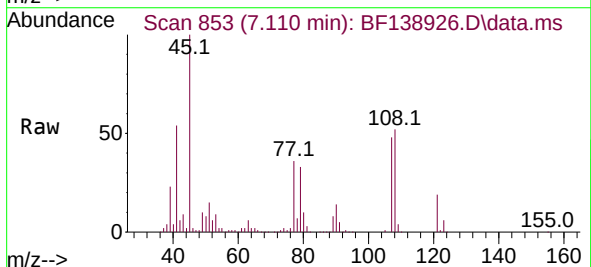
Tgt Ion: 79 Resp: 156097
Ion Ratio Lower Upper
79 100
108 67.5 56.6 85.0
77 62.7 50.3 75.5

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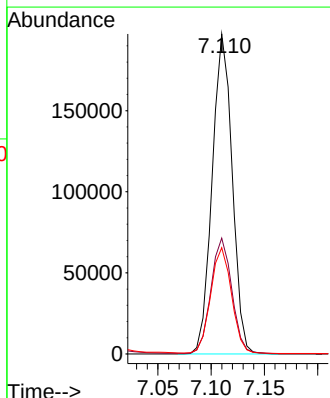
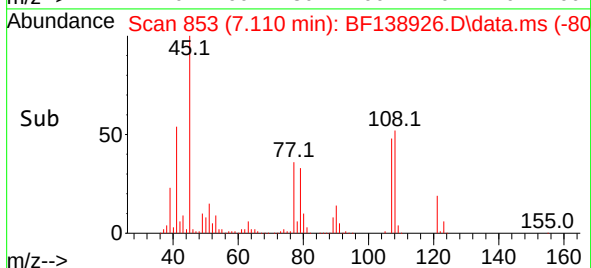
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

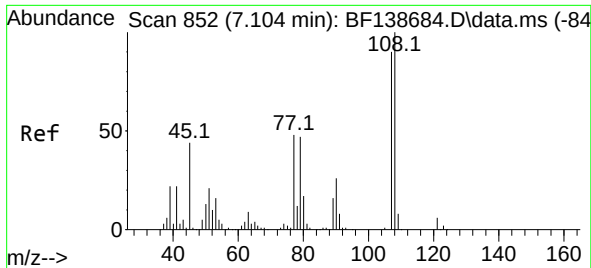


#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.095 ng
RT: 7.110 min Scan# 853
Delta R.T. -0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion: 45 Resp: 257457
Ion Ratio Lower Upper
45 100
77 36.2 0.0 34.9#
79 33.2 0.0 32.2#





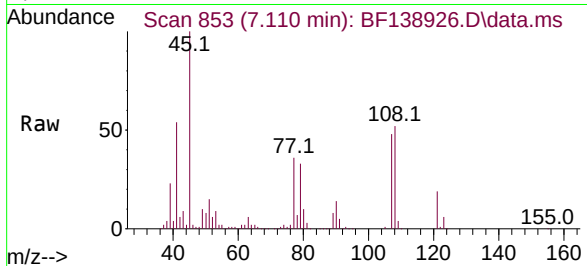
#17
2-Methylphenol
Concen: 46.617 ng
RT: 7.110 min Scan# 852
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



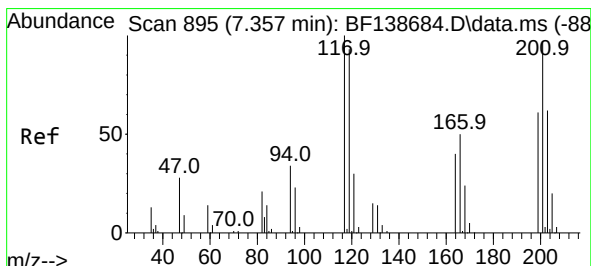
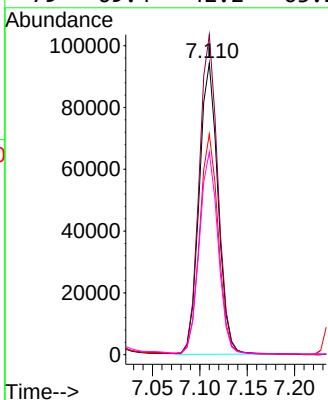
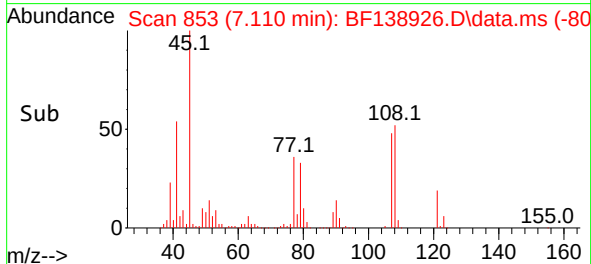
Tgt Ion:107 Resp: 129244
Ion Ratio Lower Upper
107 100
108 109.7 89.2 133.8
77 75.7 43.0 64.4
79 69.4 42.2 63.2#

Manual Integrations

APPROVED

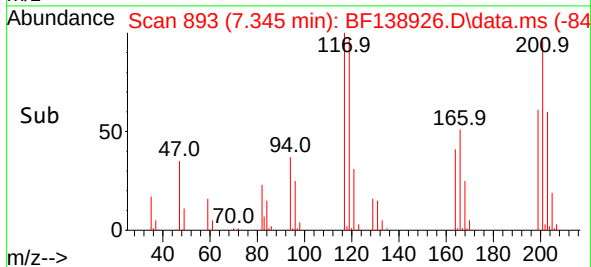
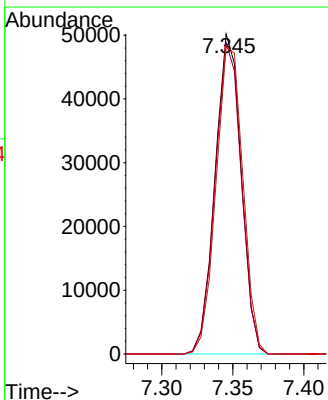
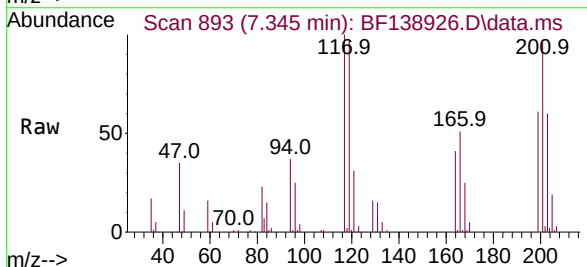
Reviewed By :Yogesh Patel 08/13/2024

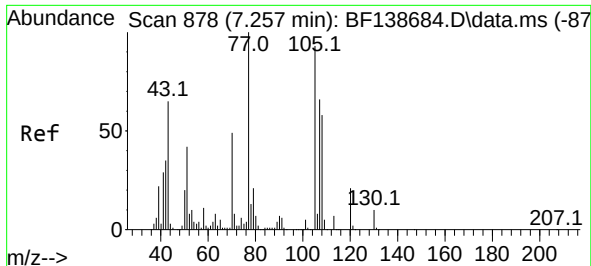
Supervised By :mohammad ahmed 08/13/2024



#18
Hexachloroethane
Concen: 44.919 ng
RT: 7.345 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

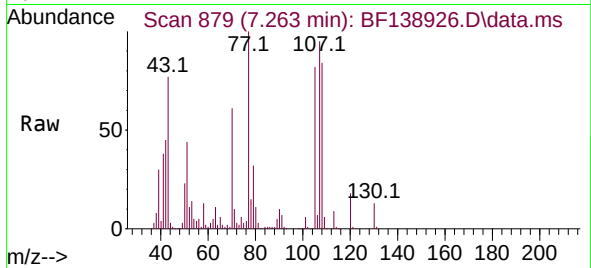
Tgt Ion:117 Resp: 64131
Ion Ratio Lower Upper
117 100
119 97.3 74.6 111.8
201 96.0 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 47.946 ng
RT: 7.263 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

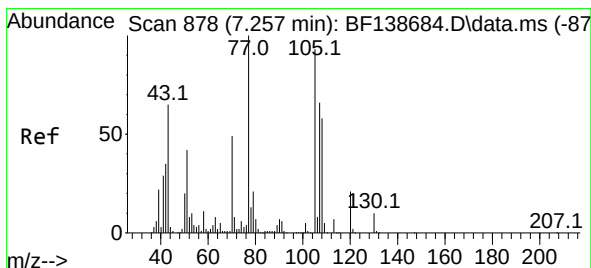
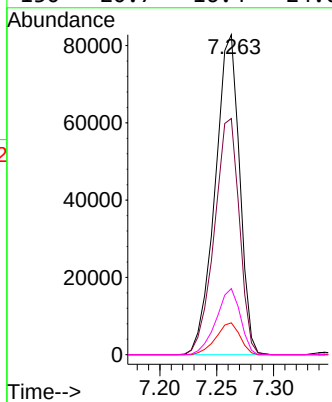
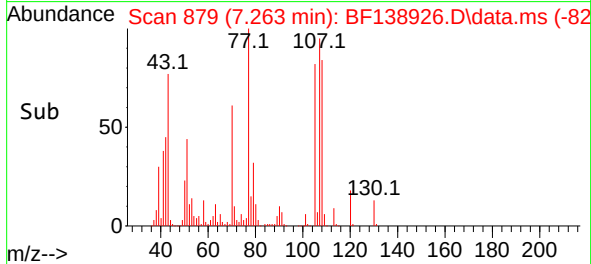
Instrument :
BNA_F
ClientSampleId :
PB162487BS



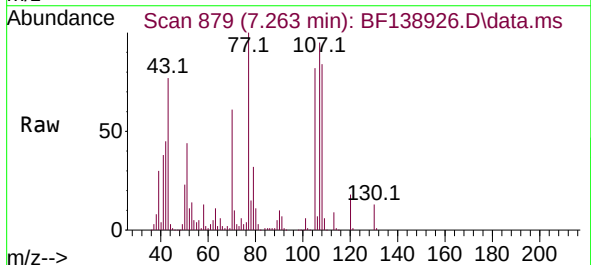
Tgt Ion: 70 Resp: 124074
Ion Ratio Lower Upper
70 100
42 73.8 57.4 86.0
101 10.0 7.5 11.3
130 20.7 16.4 24.6

Manual Integrations
APPROVED

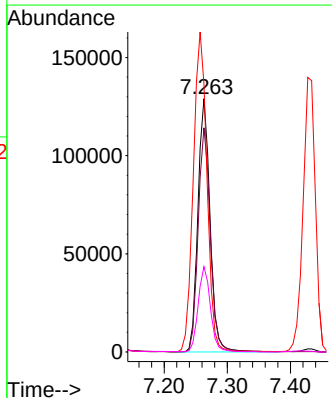
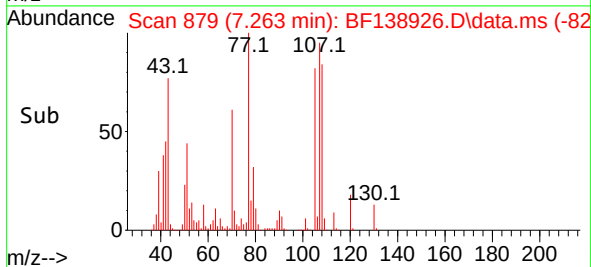
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

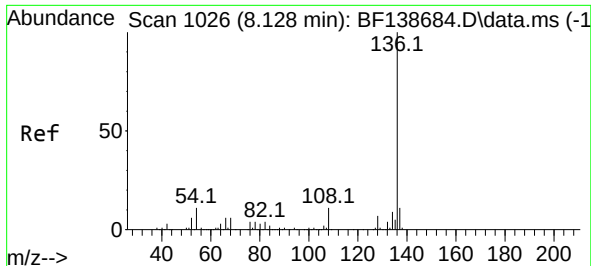


#20
3+4-Methylphenols
Concen: 48.572 ng
RT: 7.263 min Scan# 879
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:107 Resp: 172780
Ion Ratio Lower Upper
107 100
108 88.5 68.2 108.2
77 105.8 132.1 172.1#
79 33.7 11.5 51.5





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

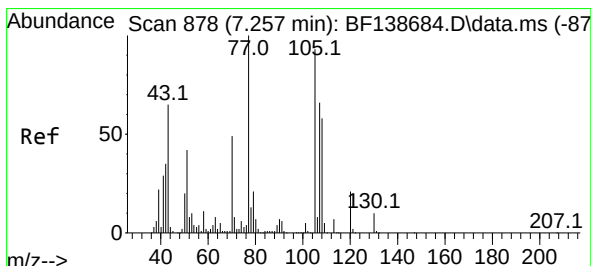
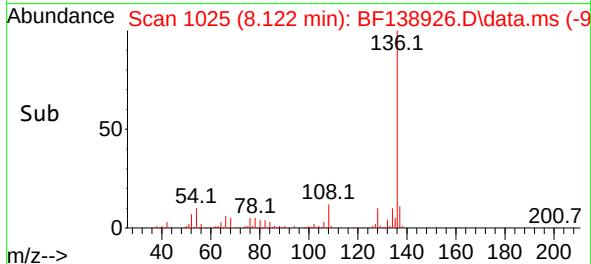
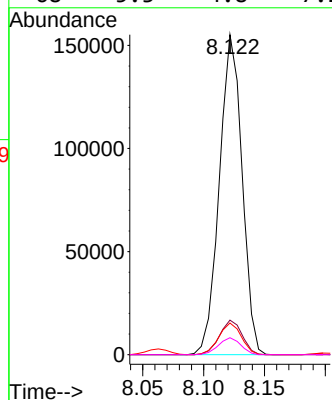
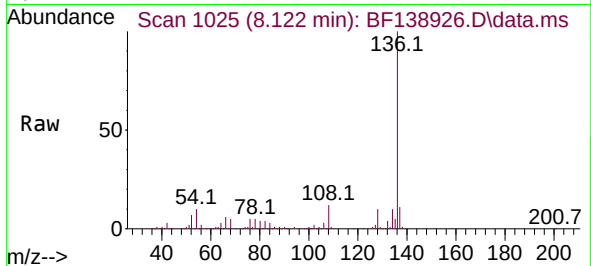
PB162487BS

Tgt Ion:136 Resp: 201460
Ion Ratio Lower Upper
136 100
137 10.8 8.9 13.3
54 9.9 8.6 12.8
68 5.3 4.8 7.2

Manual Integrations

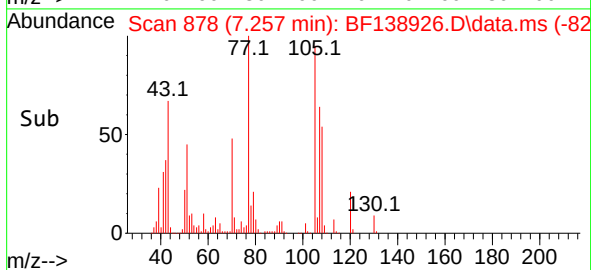
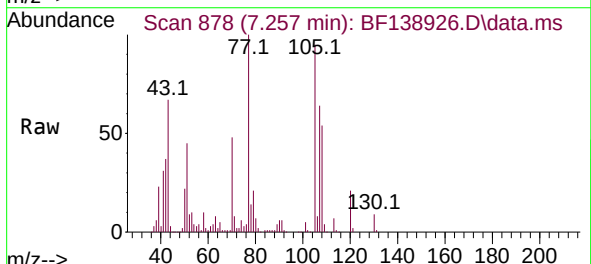
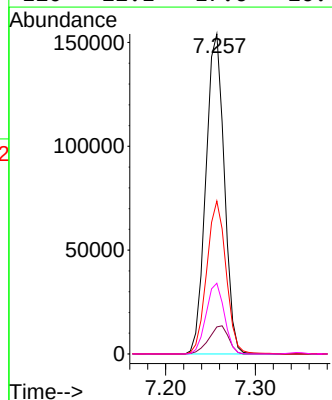
APPROVED

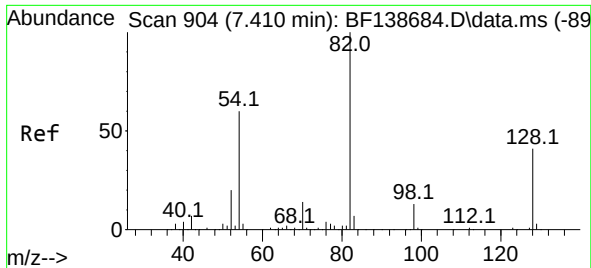
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#22
Acetophenone
Concen: 44.527 ng
RT: 7.257 min Scan# 878
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:105 Resp: 219647
Ion Ratio Lower Upper
105 100
71 8.5 7.2 10.8
51 47.8 35.9 53.9
120 22.1 17.6 26.4





#23
Nitrobenzene-d5
Concen: 86.651 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

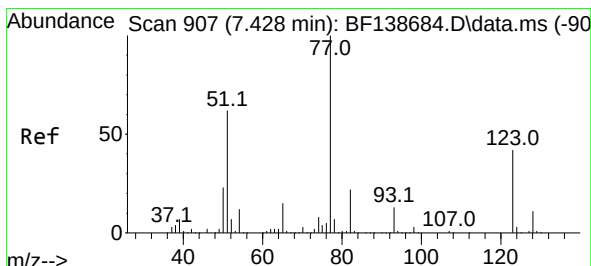
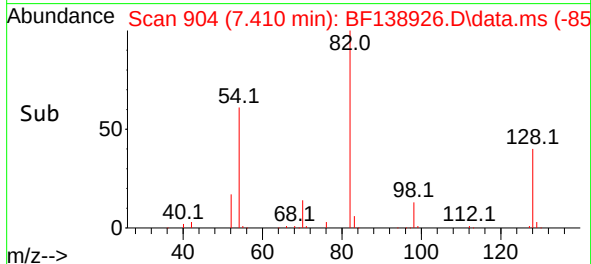
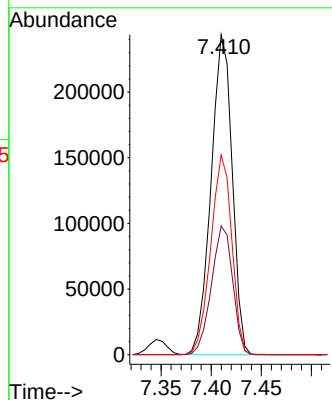
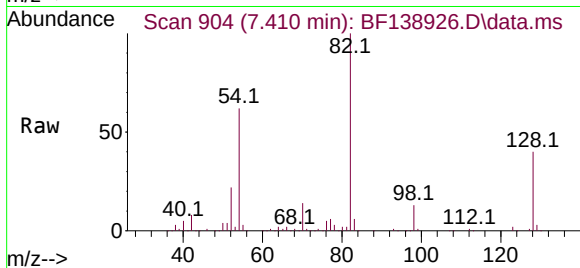
ClientSampleId :

PB162487BS

Tgt Ion: 82 Resp: 357062
Ion Ratio Lower Upper
82 100
128 40.2 32.8 49.2
54 62.3 48.3 72.5

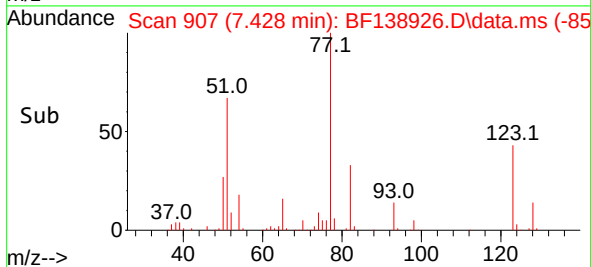
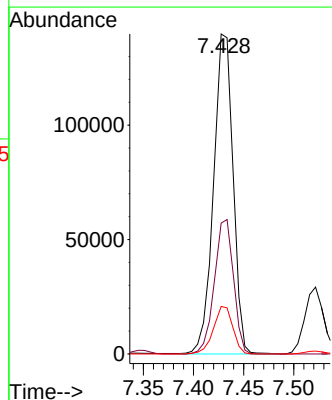
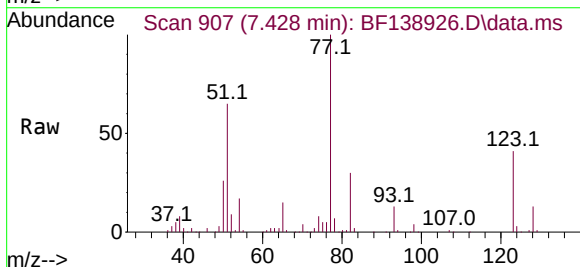
Manual Integrations
APPROVED

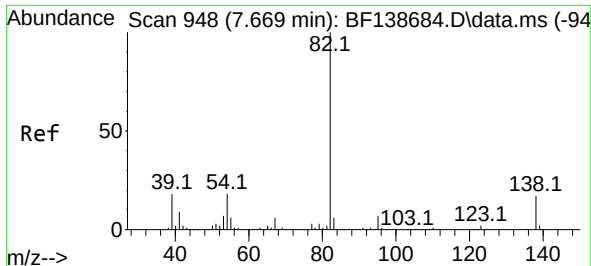
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#24
Nitrobenzene
Concen: 45.216 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

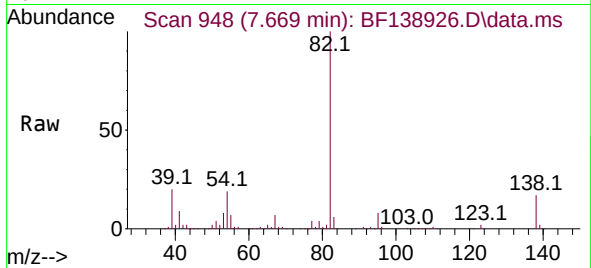
Tgt Ion: 77 Resp: 189593
Ion Ratio Lower Upper
77 100
123 40.9 33.3 49.9
65 14.9 11.9 17.9





#25
Isophorone
Concen: 46.286 ng
RT: 7.669 min Scan# 948
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

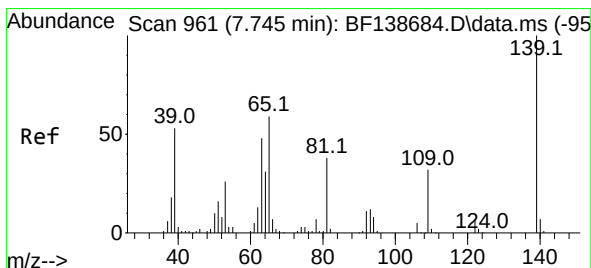
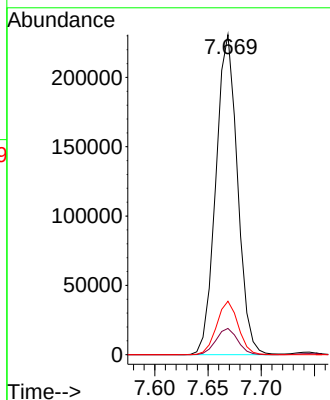
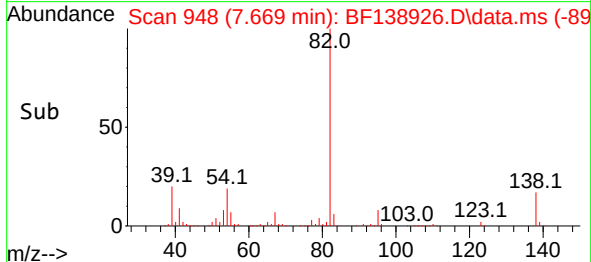
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion: 82 Resp: 325679
Ion Ratio Lower Upper
82 100
95 8.2 5.7 8.5
138 16.7 13.7 20.5

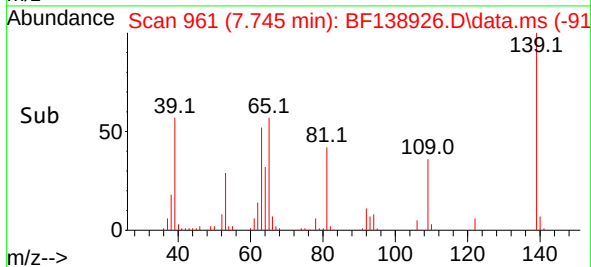
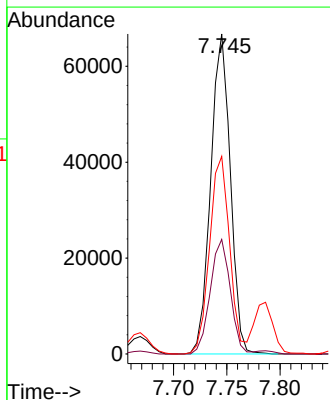
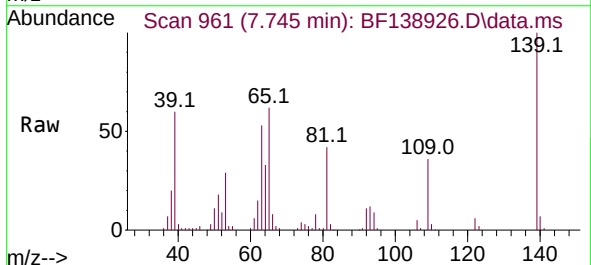
Manual Integrations
APPROVED

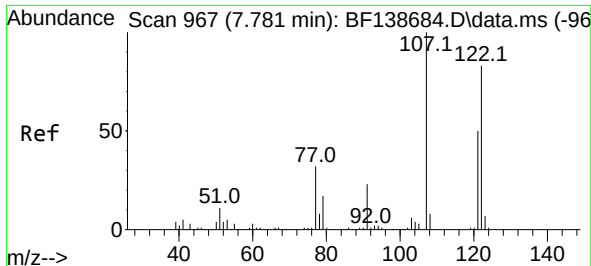
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#26
2-Nitrophenol
Concen: 47.361 ng
RT: 7.745 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:139 Resp: 85439
Ion Ratio Lower Upper
139 100
109 35.8 25.9 38.9
65 61.7 47.0 70.6





#27
2,4-Dimethylphenol
Concen: 50.256 ng
RT: 7.786 min Scan# 90
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

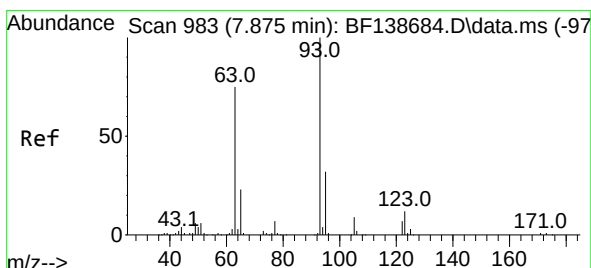
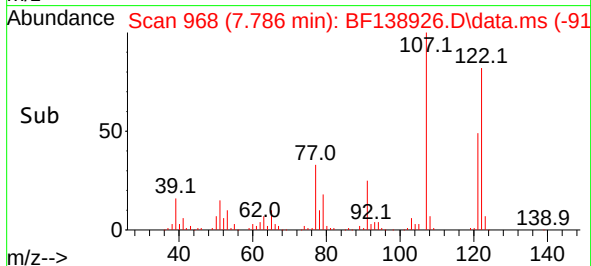
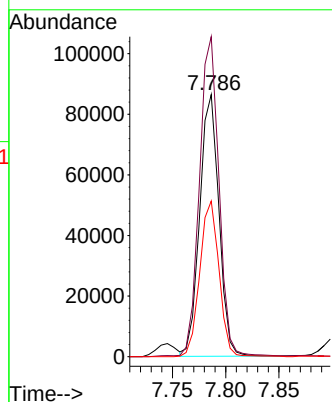
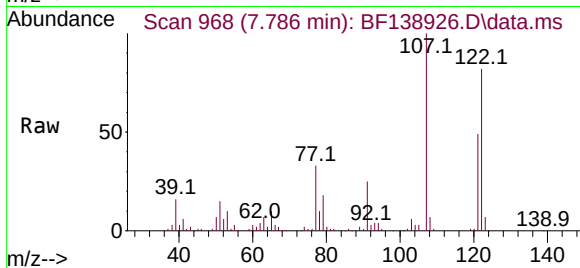
PB162487BS

Tgt Ion:122 Resp: 10847
Ion Ratio Lower Upper
122 100
107 122.1 95.0 142.6
121 59.4 47.3 70.9

Manual Integrations

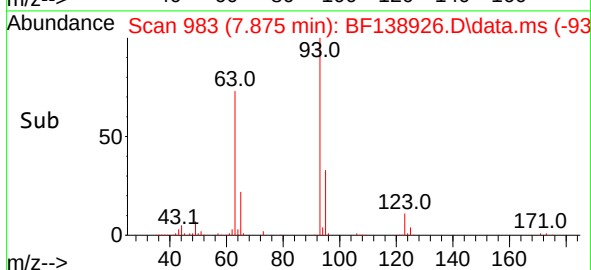
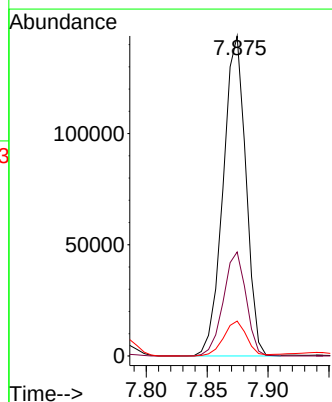
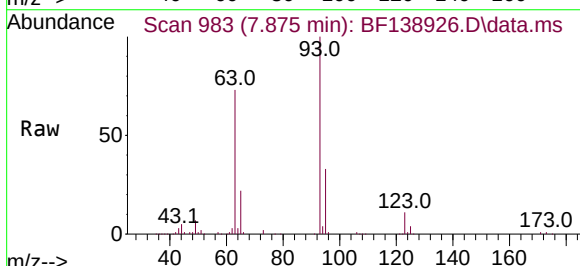
APPROVED

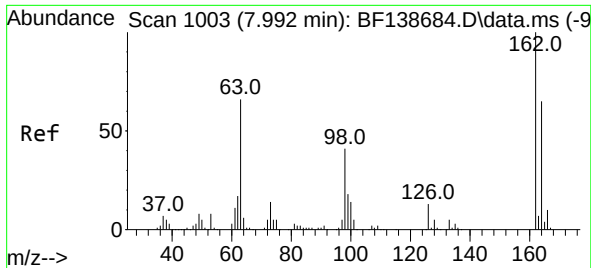
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#28
bis(2-Chloroethoxy)methane
Concen: 43.668 ng
RT: 7.875 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion: 93 Resp: 187111
Ion Ratio Lower Upper
93 100
95 32.5 25.8 38.8
123 10.9 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 47.825 ng

RT: 7.992 min Scan# 1003

Delta R.T. -0.000 min

Lab File: BF138926.D

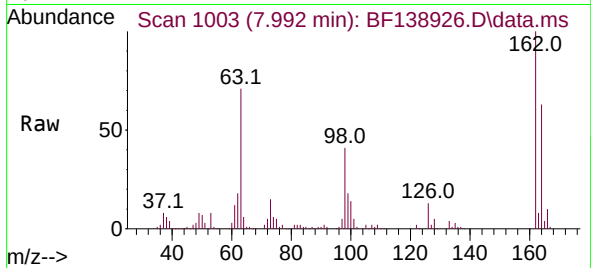
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



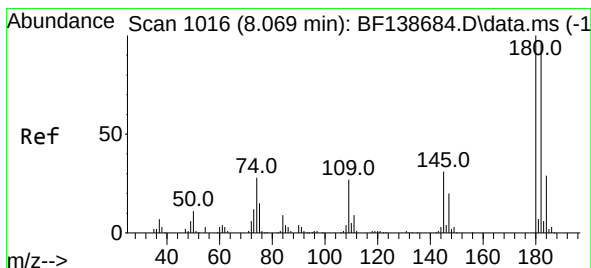
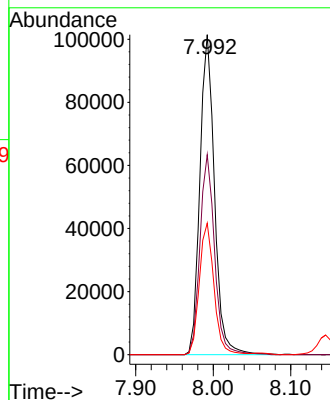
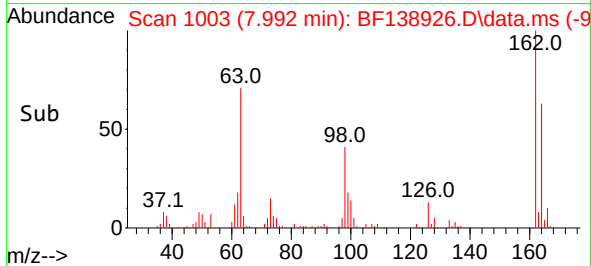
Tgt Ion:	162	Resp:	13264
Ion Ratio	Lower	Upper	
162	100		
164	62.5	44.7	84.7
98	41.1	20.8	60.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.023 ng

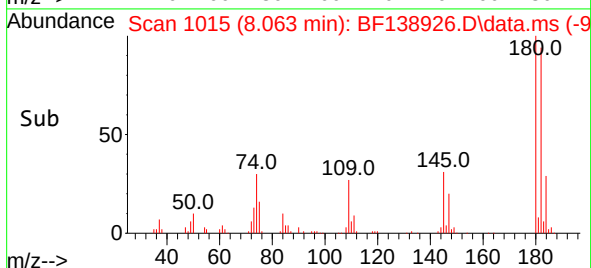
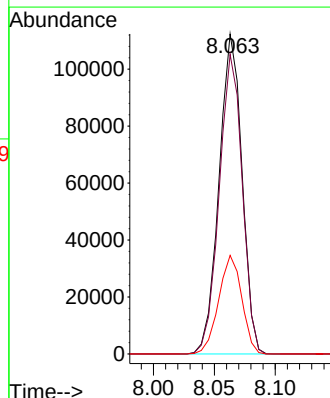
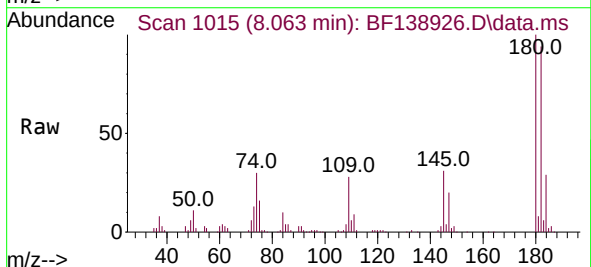
RT: 8.063 min Scan# 1015

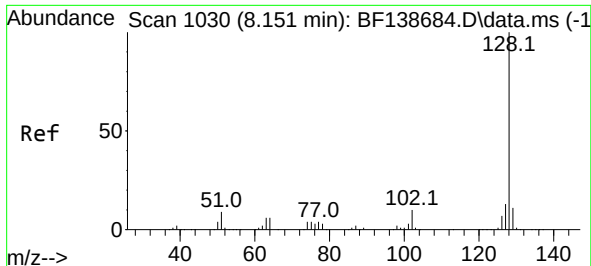
Delta R.T. -0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:	180	Resp:	147307
Ion Ratio	Lower	Upper	
180	100		
182	93.6	76.9	115.3
145	30.8	25.0	37.4





#31

Naphthalene

Concen: 45.187 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

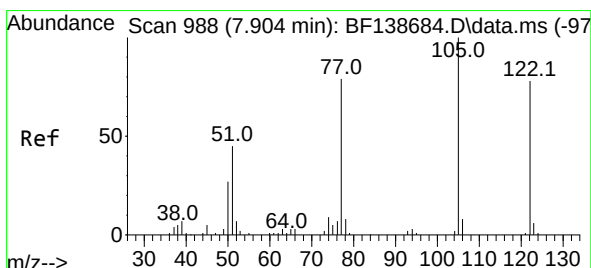
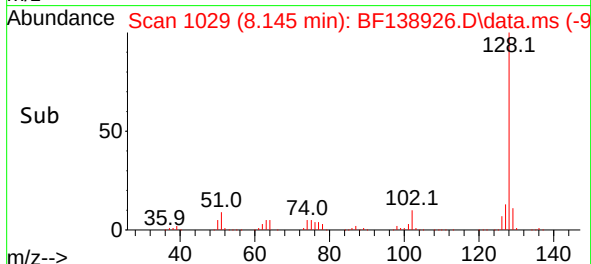
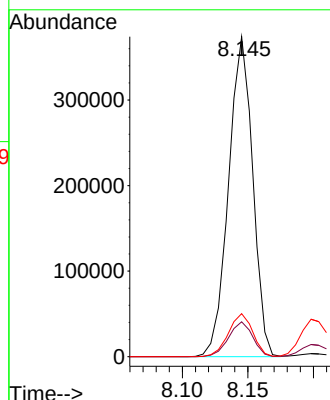
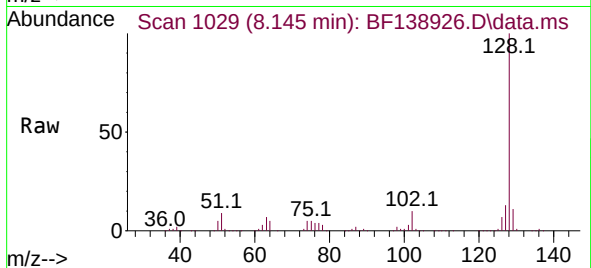
Tgt Ion:128 Resp: 47919

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.5	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: 34.709 ng

RT: 7.939 min Scan# 994

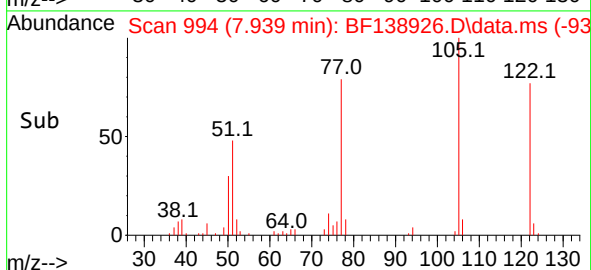
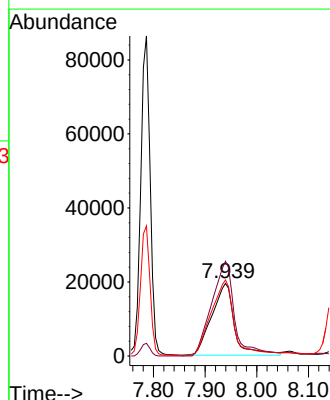
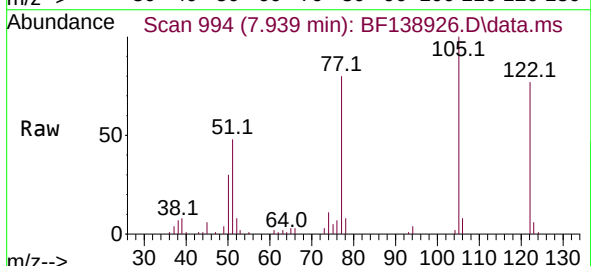
Delta R.T. 0.035 min

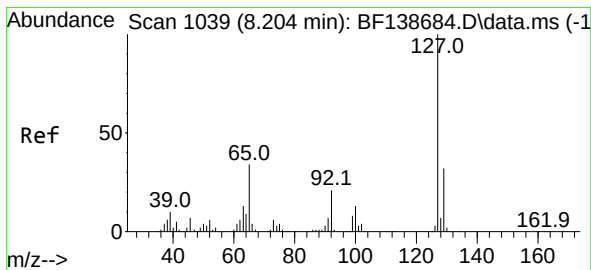
Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:122 Resp: 58891

Ion	Ratio	Lower	Upper
122	100		
105	130.3	106.7	146.7
77	104.5	81.1	121.1





#33

4-Chloroaniline

Concen: 24.268 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

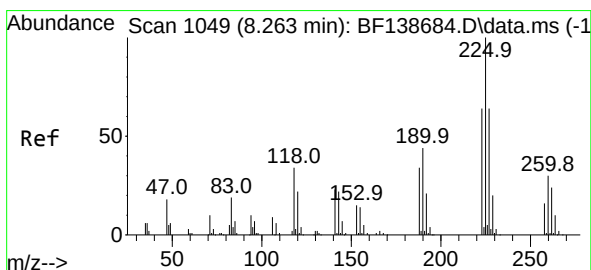
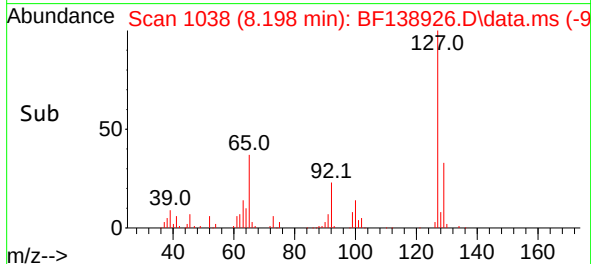
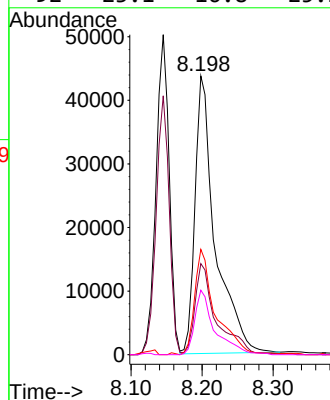
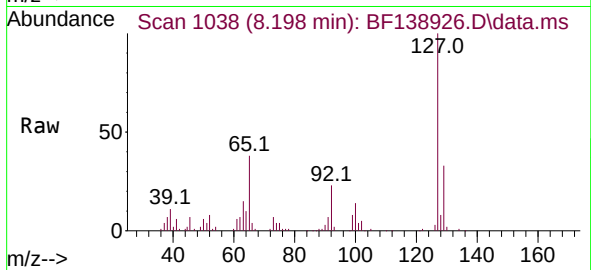
Tgt Ion:	127	Resp:	8638
Ion Ratio	Lower	Upper	
127	100		
129	32.7	25.9	38.9
65	37.8	27.6	41.4
92	23.1	16.8	25.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#34

Hexachlorobutadiene

Concen: 46.250 ng

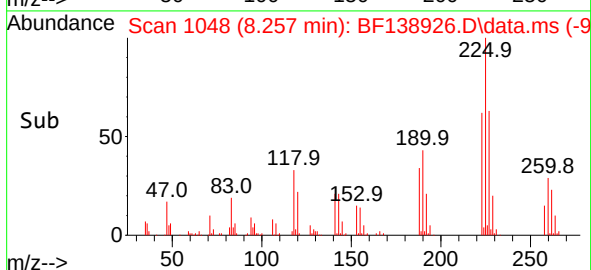
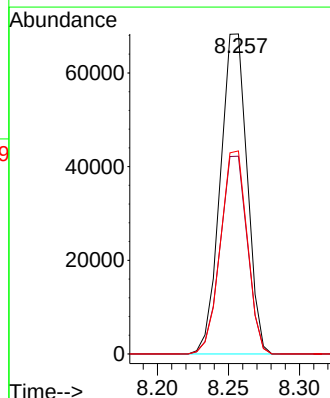
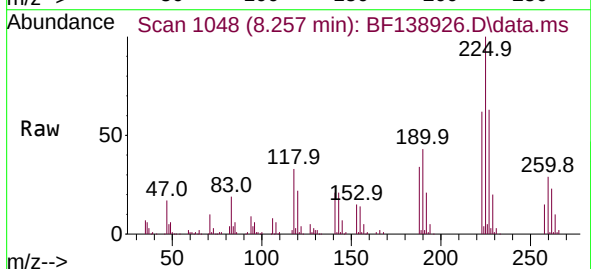
RT: 8.257 min Scan# 1048

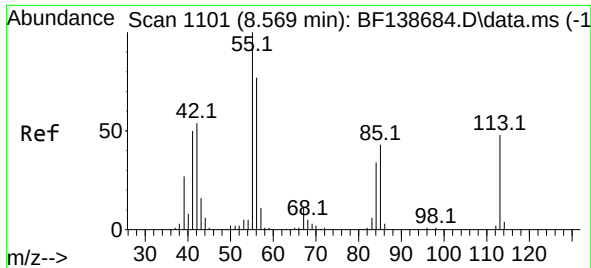
Delta R.T. -0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

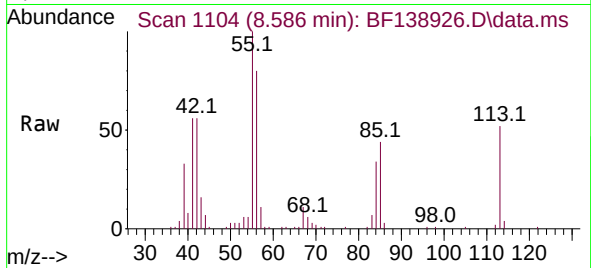
Tgt Ion:	225	Resp:	89665
Ion Ratio	Lower	Upper	
225	100		
223	61.8	51.2	76.8
227	63.5	51.1	76.7





#35
Caprolactam
Concen: 46.099 ng m
RT: 8.586 min Scan# 1101
Delta R.T. 0.018 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

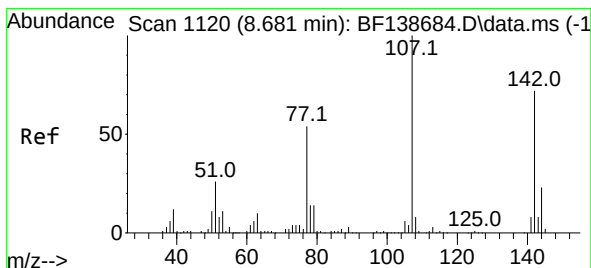
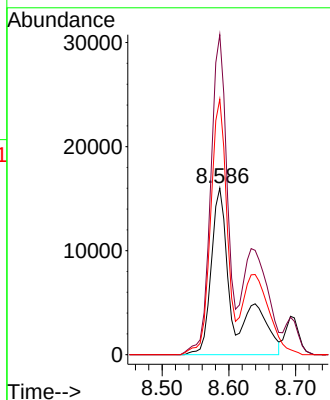
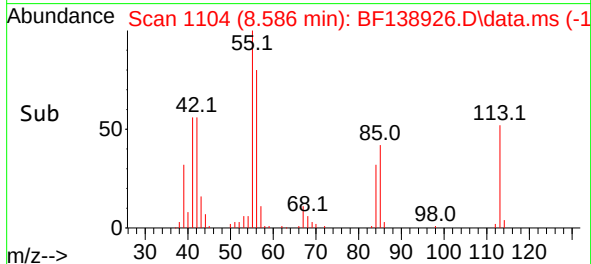
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion:113 Resp: 3815
Ion Ratio Lower Upper
113 100
55 192.1 186.7 226.7
56 153.5 138.9 178.9

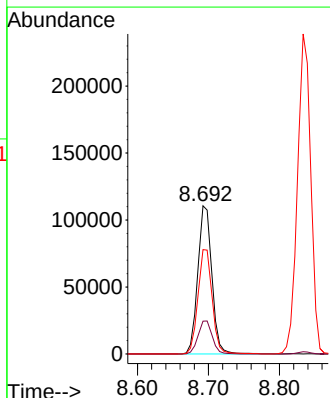
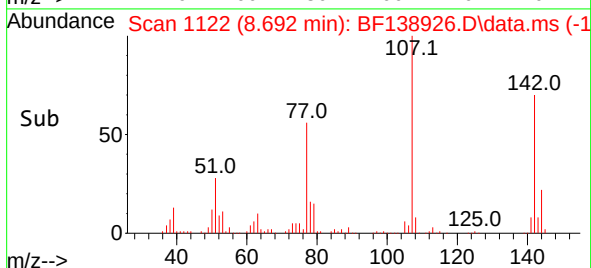
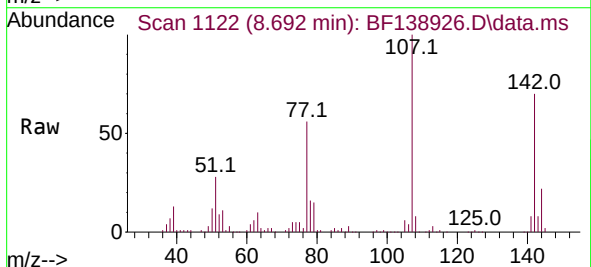
Manual Integrations
APPROVED

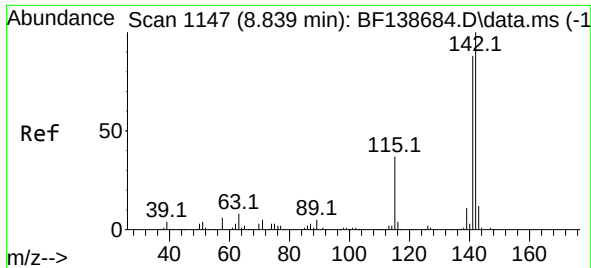
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#36
4-Chloro-3-methylphenol
Concen: 48.282 ng
RT: 8.692 min Scan# 1122
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:107 Resp: 153042
Ion Ratio Lower Upper
107 100
144 22.1 18.2 27.2
142 70.4 57.4 86.2





#37
2-Methylnaphthalene
Concen: 46.246 ng
RT: 8.833 min Scan# 1146
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

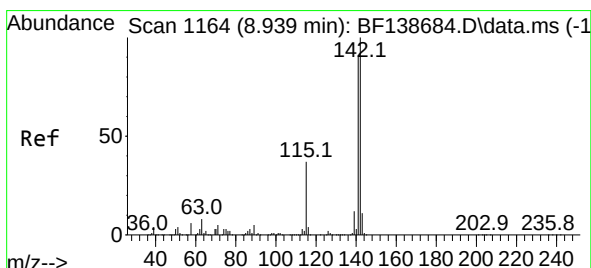
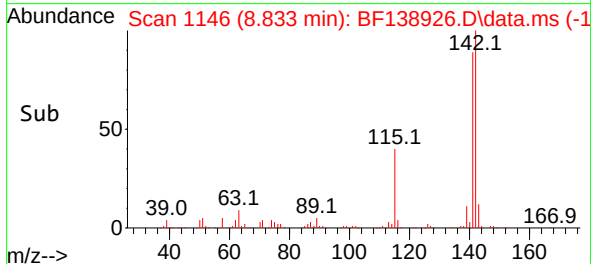
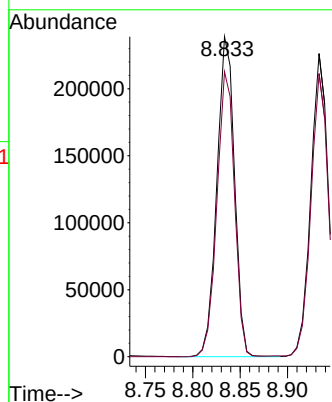
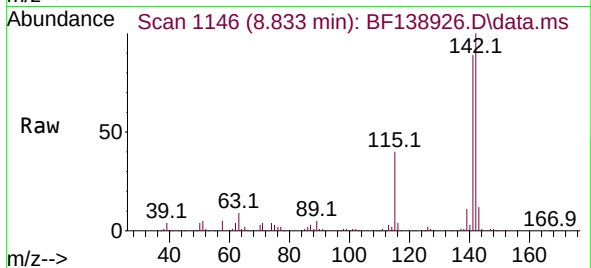
PB162487BS

Tgt Ion:142 Resp: 30972
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2

Manual Integrations

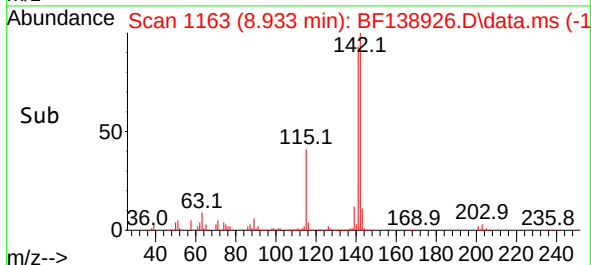
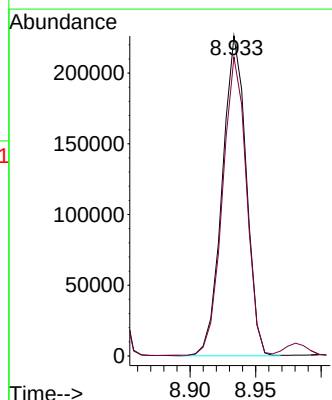
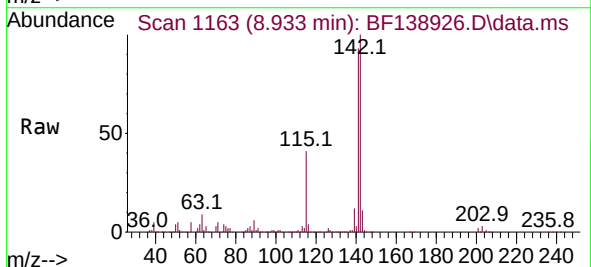
APPROVED

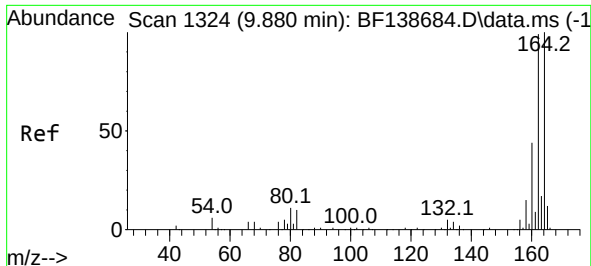
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#38
1-Methylnaphthalene
Concen: 43.680 ng
RT: 8.933 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:142 Resp: 286662
Ion Ratio Lower Upper
142 100
141 93.4 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.874 min Scan# 1134

Delta R.T. -0.006 min

Lab File: BF138926.D

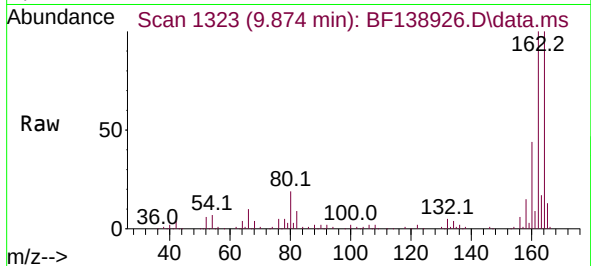
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



Tgt Ion:164 Resp: 113454

Ion Ratio Lower Upper

164 100

162 99.5 79.4 119.0

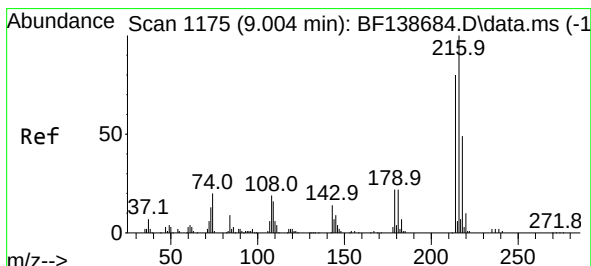
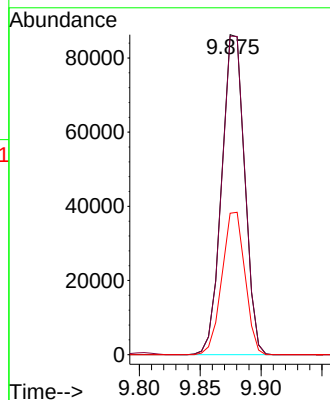
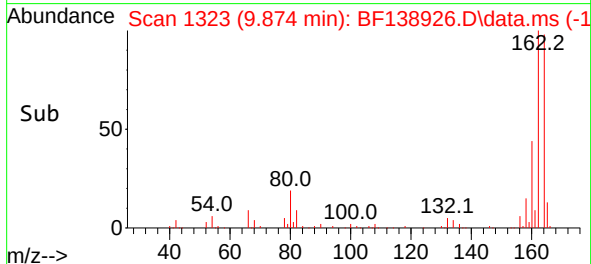
160 44.2 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.567 ng

RT: 9.004 min Scan# 1175

Delta R.T. -0.000 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:216 Resp: 134156

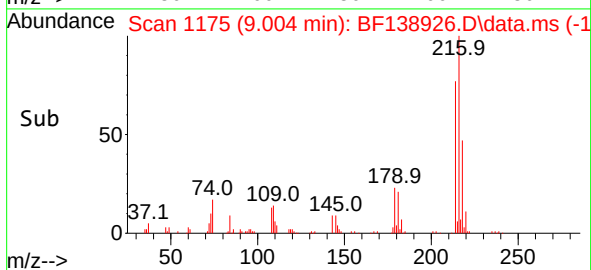
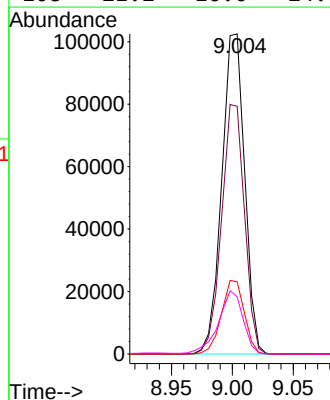
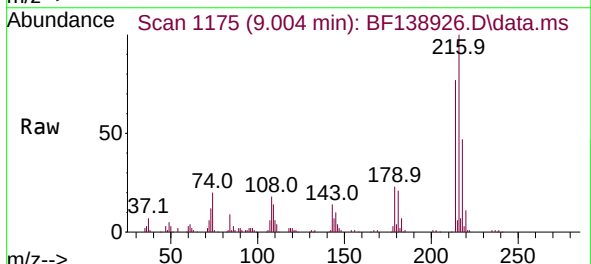
Ion Ratio Lower Upper

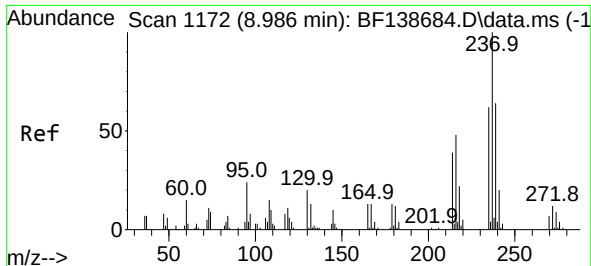
216 100

214 77.9 63.9 95.9

179 22.9 17.8 26.6

108 21.2 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 93.939 ng
RT: 8.980 min Scan# 1172
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

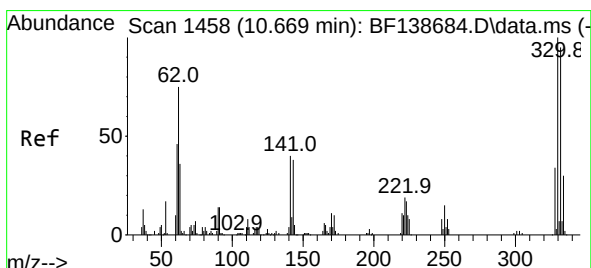
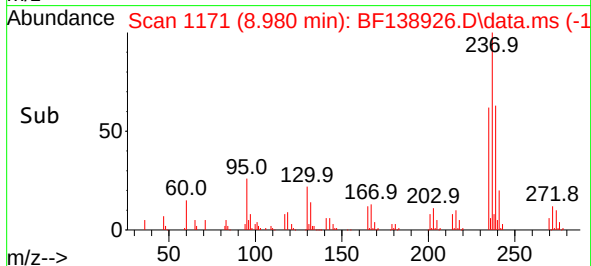
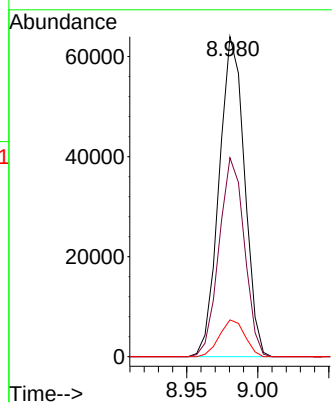
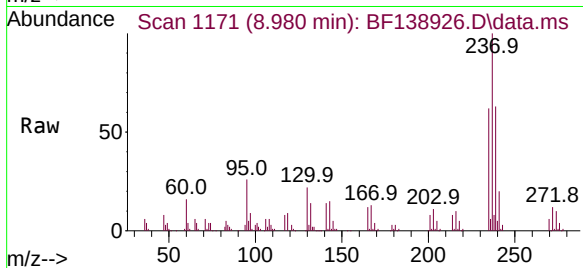
PB162487BS

Tgt Ion:237 Resp: 79472
Ion Ratio Lower Upper
237 100
235 62.1 41.8 81.8
272 11.5 0.0 32.2

Manual Integrations

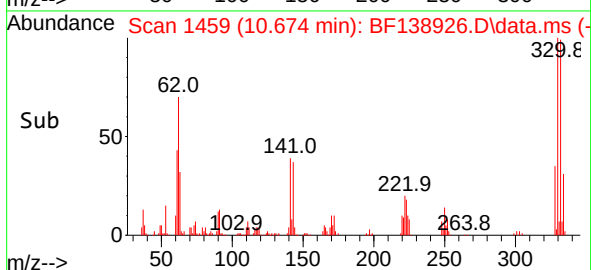
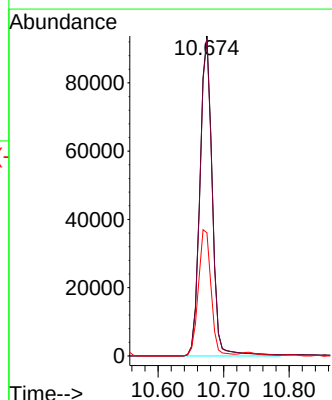
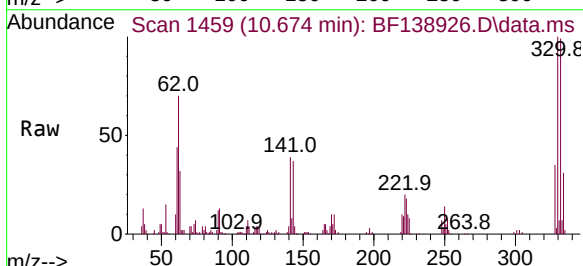
APPROVED

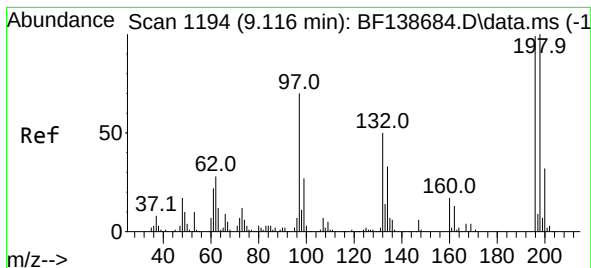
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#42
2,4,6-Tribromophenol
Concen: 132.181 ng
RT: 10.674 min Scan# 1459
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

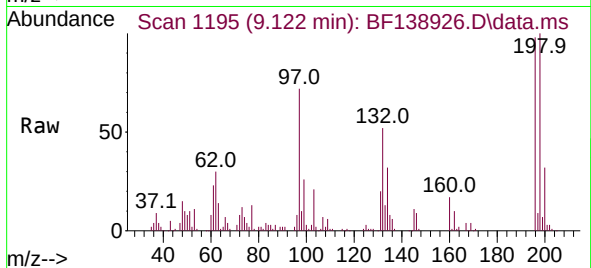
Tgt Ion:330 Resp: 122841
Ion Ratio Lower Upper
330 100
332 98.9 76.4 114.6
141 40.6 31.1 46.7





#43
2,4,6-Trichlorophenol
Concen: 43.613 ng
RT: 9.122 min Scan# 1194
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

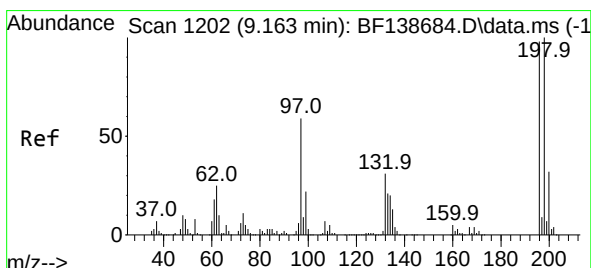
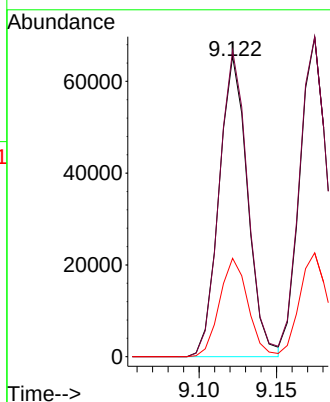
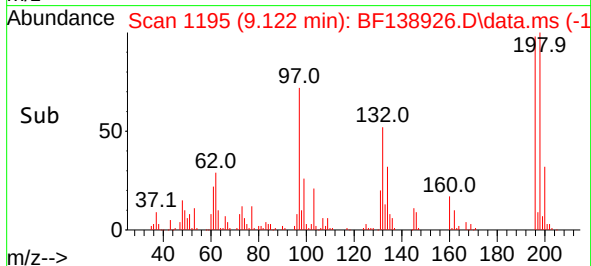
Instrument :
BNA_F
ClientSampleId :
PB162487BS



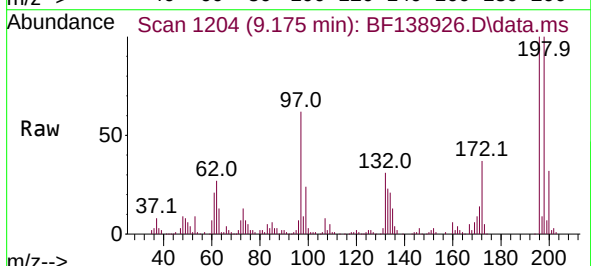
Tgt Ion:196 Resp: 8380
Ion Ratio Lower Upper
196 100
198 101.9 80.5 120.7
200 32.7 25.9 38.9

Manual Integrations
APPROVED

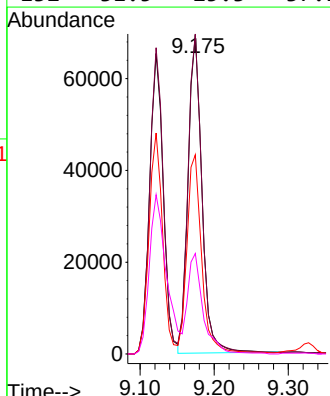
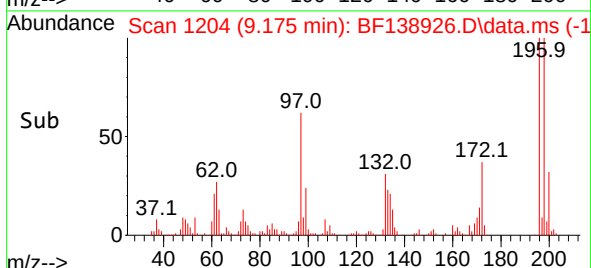
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

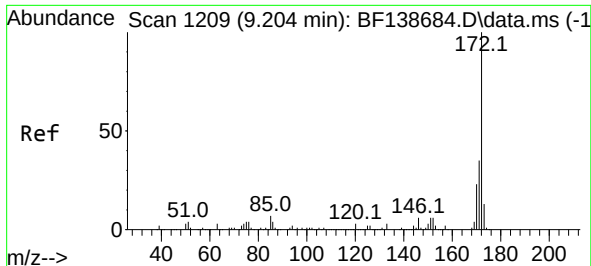


#44
2,4,5-Trichlorophenol
Concen: 43.032 ng
RT: 9.175 min Scan# 1204
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



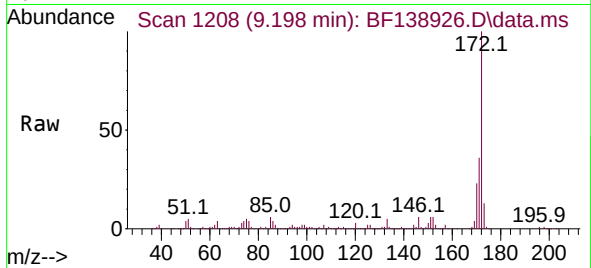
Tgt Ion:196 Resp: 90396
Ion Ratio Lower Upper
196 100
198 100.2 81.2 121.8
97 62.4 47.8 71.6
132 31.5 25.3 37.9





#45
2-Fluorobiphenyl
Concen: 86.265 ng
RT: 9.198 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

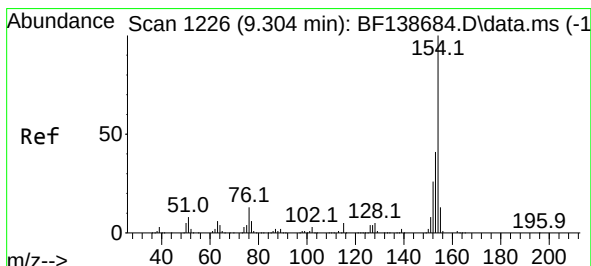
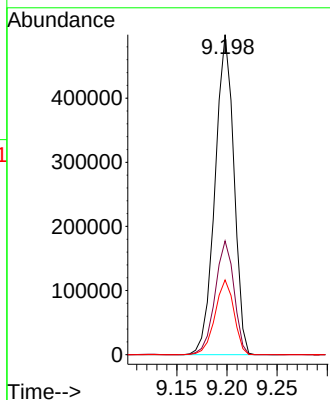
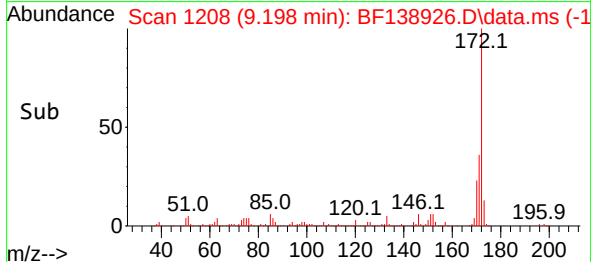
Instrument :
BNA_F
ClientSampleId :
PB162487BS



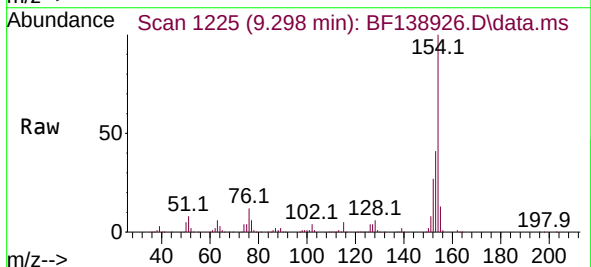
Tgt Ion:172 Resp: 651390
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.3 18.8 28.2

Manual Integrations
APPROVED

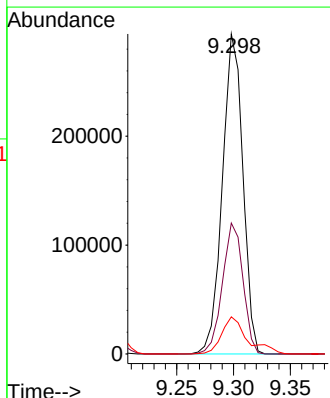
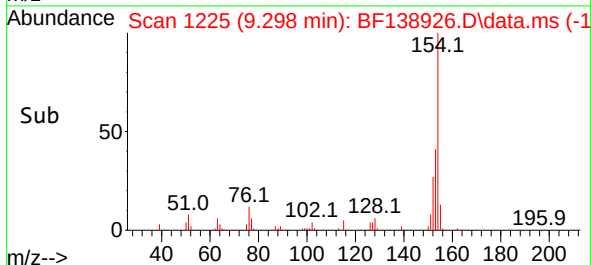
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

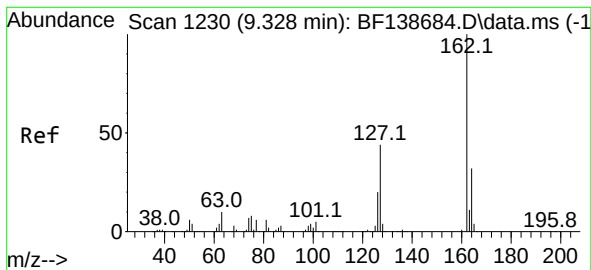


#46
1,1'-Biphenyl
Concen: 41.523 ng
RT: 9.298 min Scan# 1225
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:154 Resp: 368951
Ion Ratio Lower Upper
154 100
153 40.9 20.8 60.8
76 11.6 0.0 32.8





#47
2-Chloronaphthalene
Concen: 43.587 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

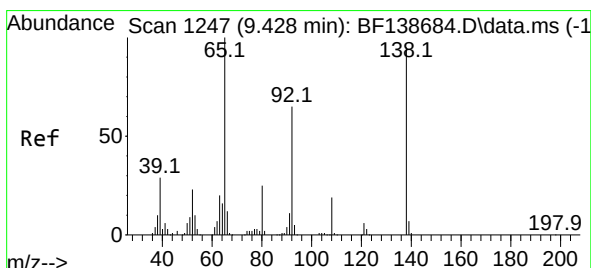
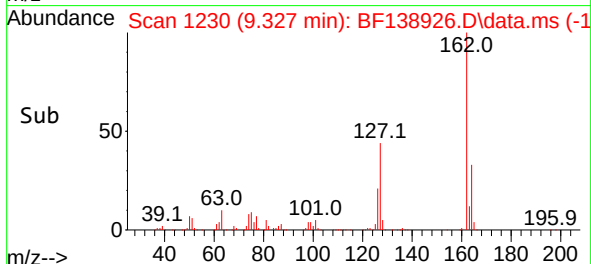
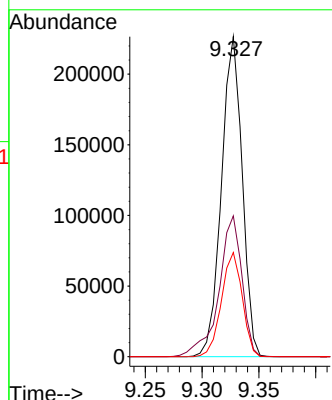
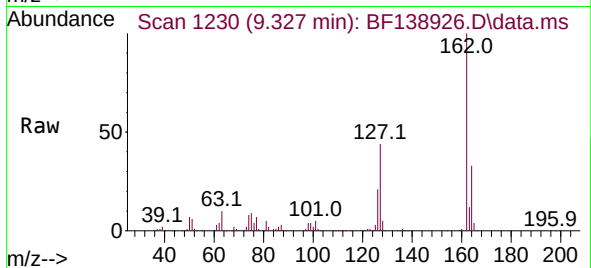
ClientSampleId :

PB162487BS

Tgt Ion:162 Resp: 28804
Ion Ratio Lower Upper
162 100
127 44.0 35.4 53.2
164 32.6 25.6 38.4

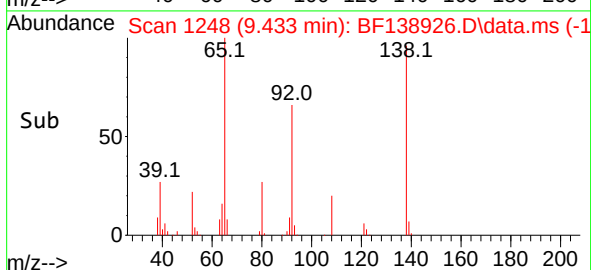
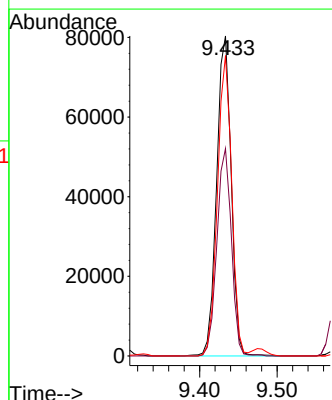
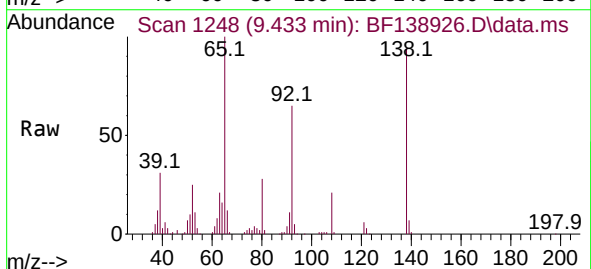
Manual Integrations
APPROVED

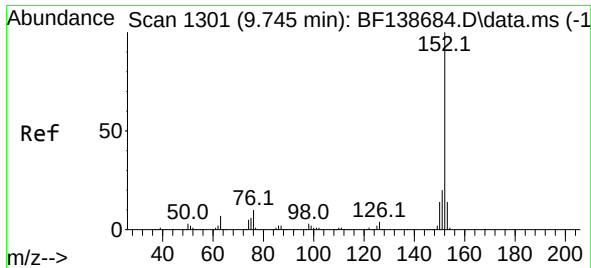
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#48
2-Nitroaniline
Concen: 46.706 ng
RT: 9.433 min Scan# 1248
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion: 65 Resp: 104638
Ion Ratio Lower Upper
65 100
92 64.8 52.0 78.0
138 93.9 76.2 114.4





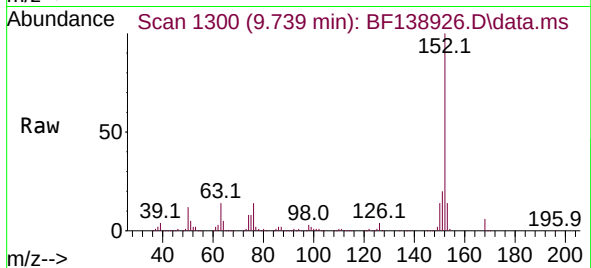
#49
Acenaphthylene
Concen: 48.239 ng
RT: 9.739 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

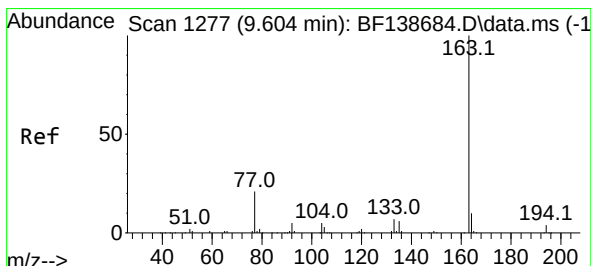
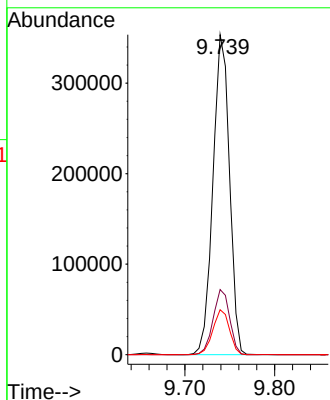
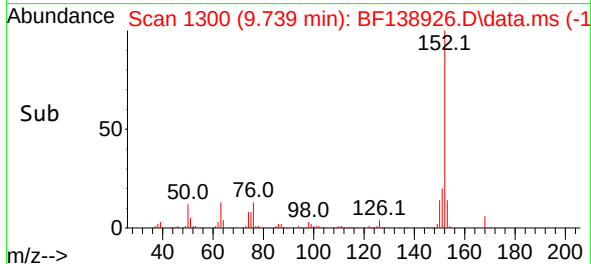


Tgt Ion:152 Resp: 45213
Ion Ratio Lower Upper
152 100
151 20.4 16.0 24.0
153 14.0 11.0 16.4

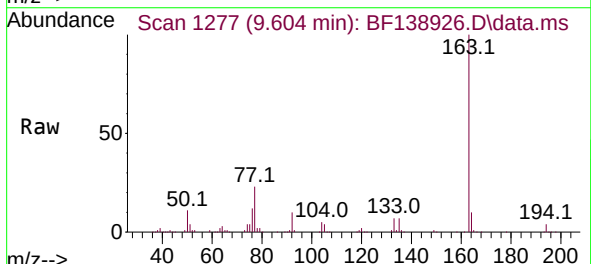
Manual Integrations

APPROVED

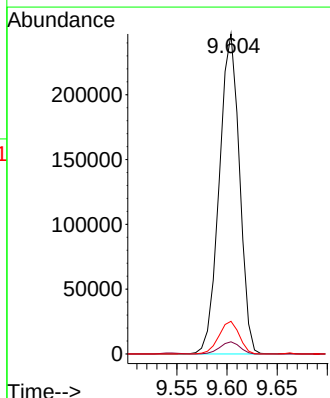
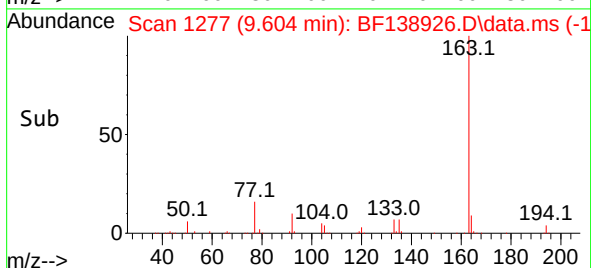
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

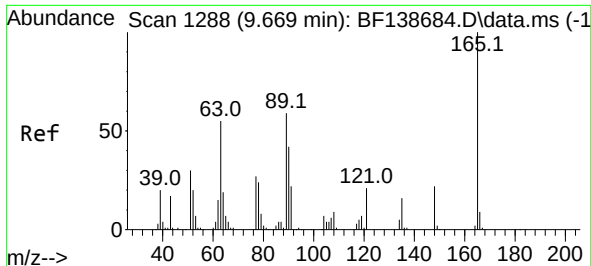


#50
Dimethylphthalate
Concen: 47.655 ng
RT: 9.604 min Scan# 1277
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:163 Resp: 345706
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 7.8 11.8





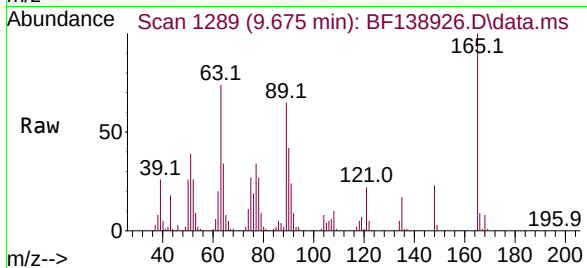
#51
2,6-Dinitrotoluene
Concen: 44.836 ng
RT: 9.675 min Scan# 1288
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

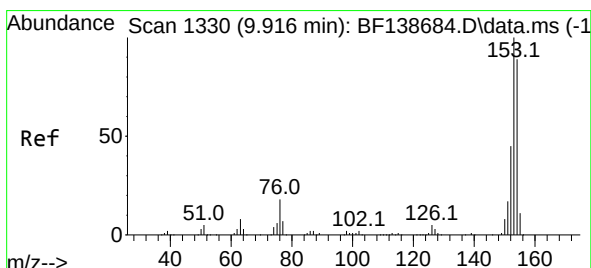
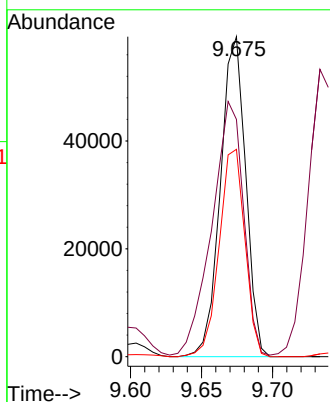
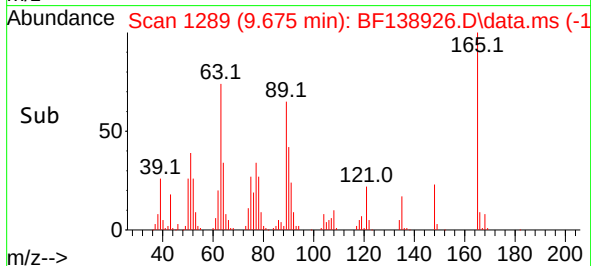


Tgt Ion:165 Resp: 7340
Ion Ratio Lower Upper
165 100
63 74.2 52.0 78.0
89 64.8 47.0 70.6

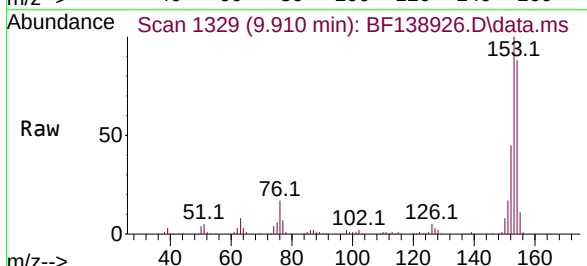
Manual Integrations

APPROVED

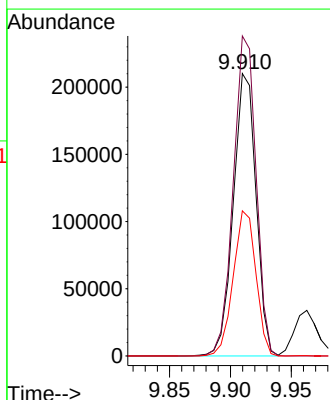
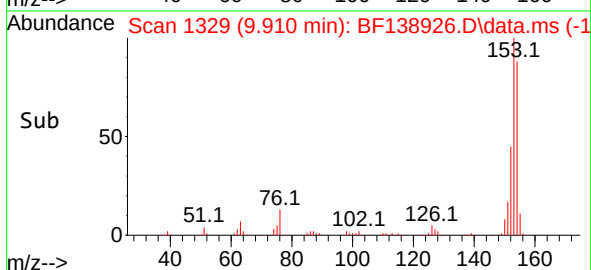
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

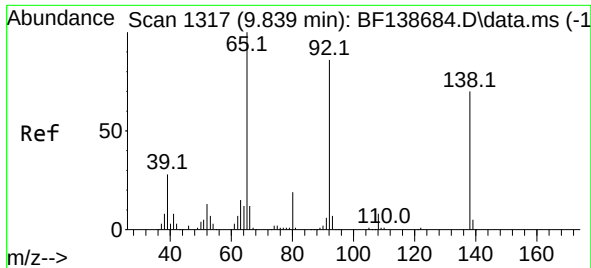


#52
Acenaphthene
Concen: 43.376 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:154 Resp: 273292
Ion Ratio Lower Upper
154 100
153 113.3 89.9 134.9
152 51.4 40.6 60.8





#53
3-Nitroaniline
Concen: 30.664 ng
RT: 9.845 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

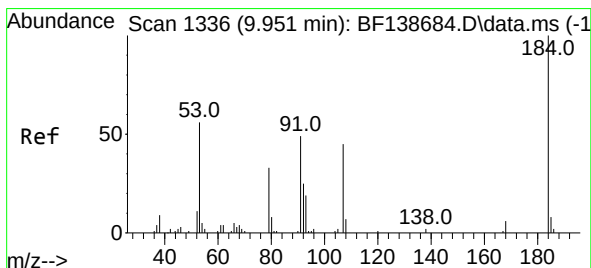
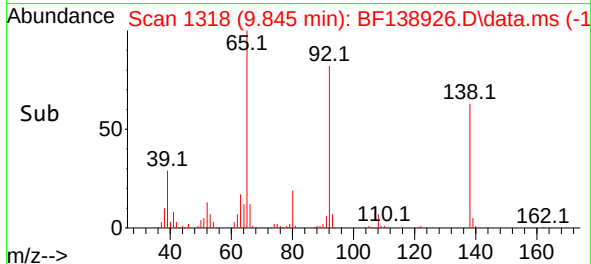
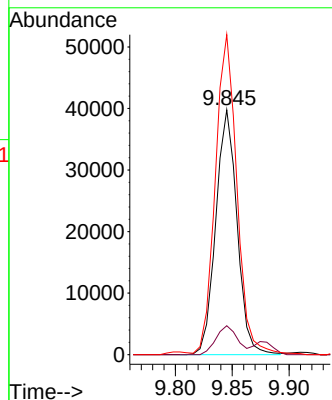
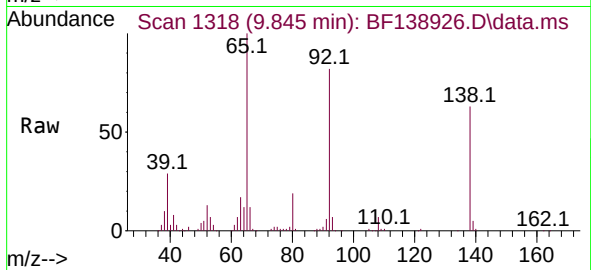
PB162487BS

Tgt Ion:138 Resp: 51898
Ion Ratio Lower Upper
138 100
108 11.9 9.1 13.7
92 130.7 98.7 148.1

Manual Integrations

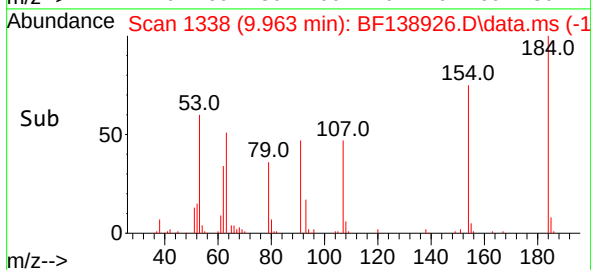
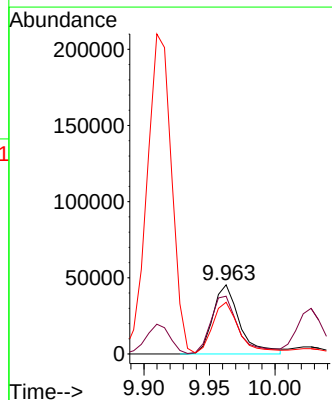
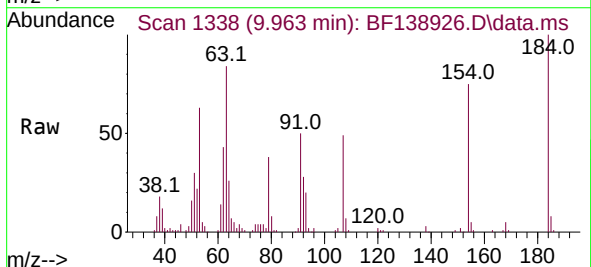
APPROVED

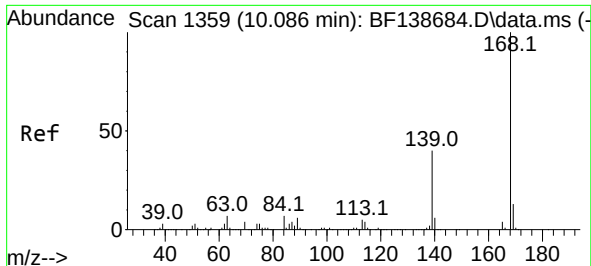
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#54
2,4-Dinitrophenol
Concen: 85.523 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

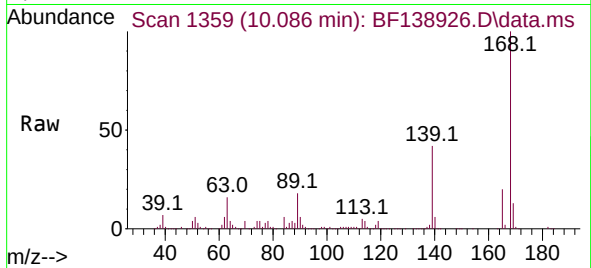
Tgt Ion:184 Resp: 64454
Ion Ratio Lower Upper
184 100
63 83.7 57.5 86.3
154 74.9 51.7 77.5





#55
Dibenzenofuran
Concen: 46.383 ng
RT: 10.086 min Scan# 1359
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

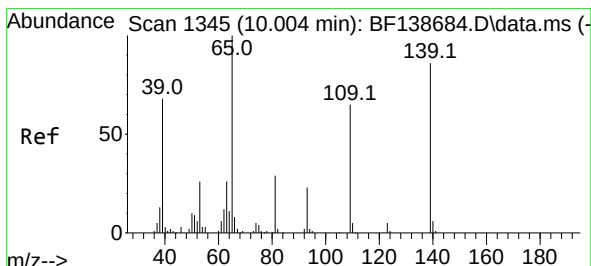
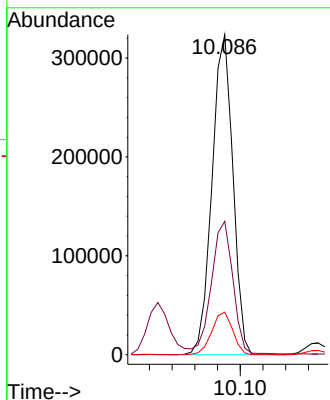
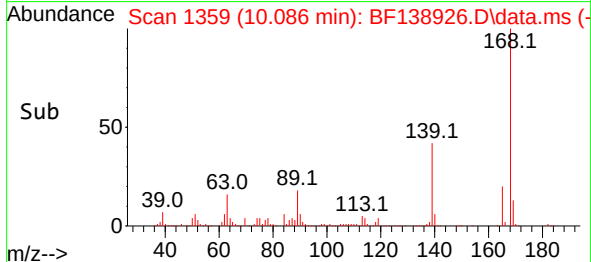
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion:168 Resp: 41252
Ion Ratio Lower Upper
168 100
139 41.6 32.6 49.0
169 13.3 10.7 16.1

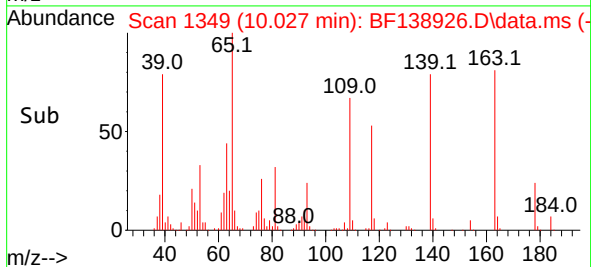
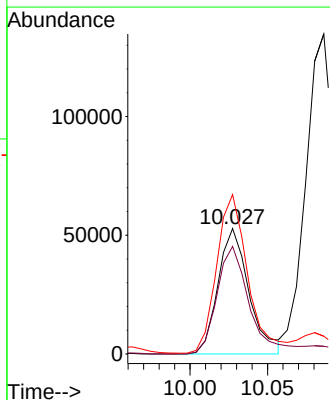
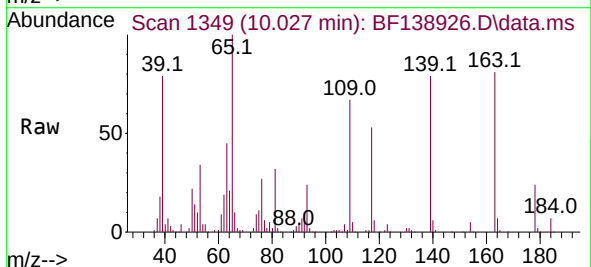
Manual Integrations
APPROVED

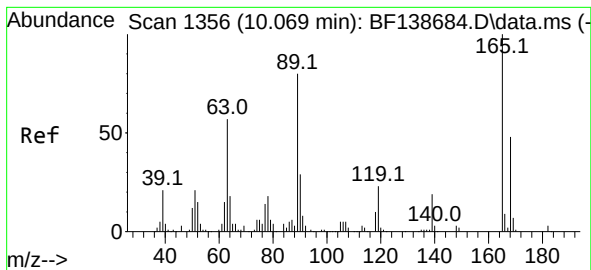
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#56
4-Nitrophenol
Concen: 72.128 ng
RT: 10.027 min Scan# 1349
Delta R.T. 0.023 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:139 Resp: 73410
Ion Ratio Lower Upper
139 100
109 85.8 55.5 95.5
65 127.1 96.7 136.7





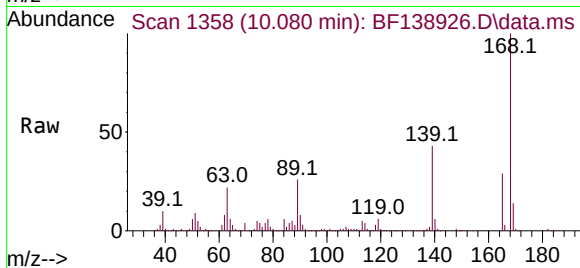
#57
2,4-Dinitrotoluene
Concen: 49.322 ng
RT: 10.080 min Scan# 1358
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



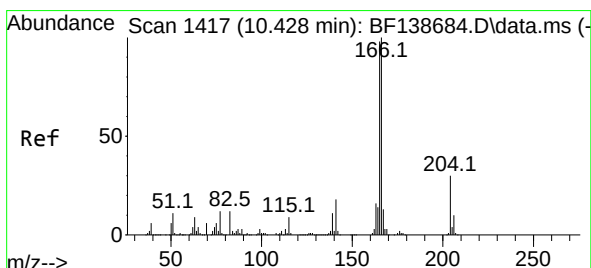
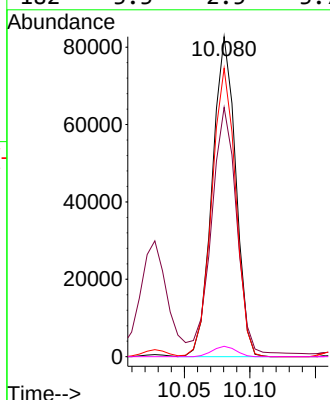
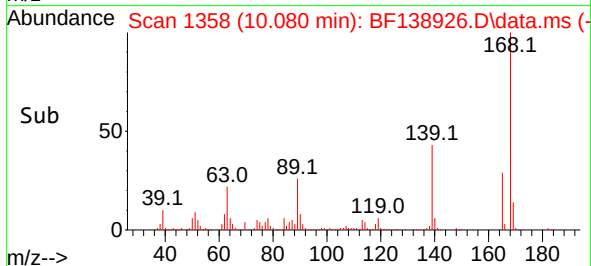
Tgt Ion:165 Resp: 103022
Ion Ratio Lower Upper
165 100
63 77.9 46.3 69.5
89 90.2 64.2 96.4
182 3.3 2.5 3.7

Manual Integrations

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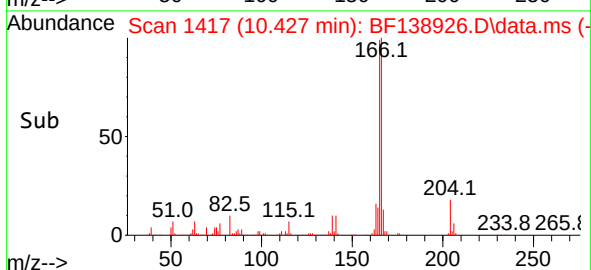
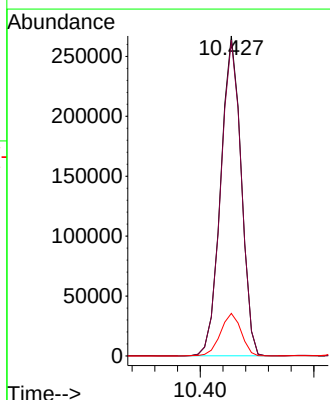
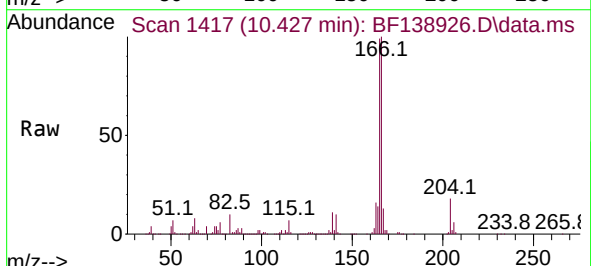
Reviewed By :Yogesh Patel 08/13/2024

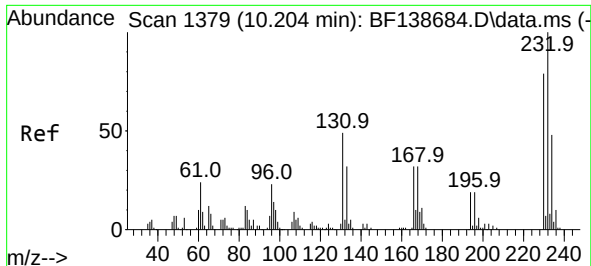
Supervised By :mohammad ahmed 08/13/2024



#58
Fluorene
Concen: 47.023 ng
RT: 10.427 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

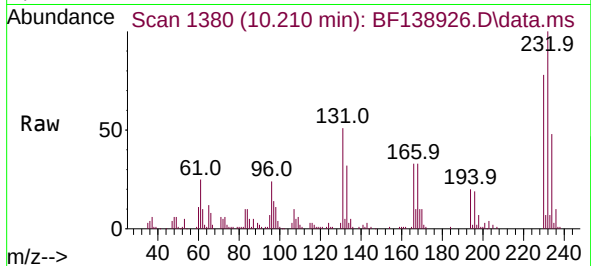
Tgt Ion:166 Resp: 333040
Ion Ratio Lower Upper
166 100
165 98.7 78.4 117.6
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.889 ng
RT: 10.210 min Scan# 1380
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

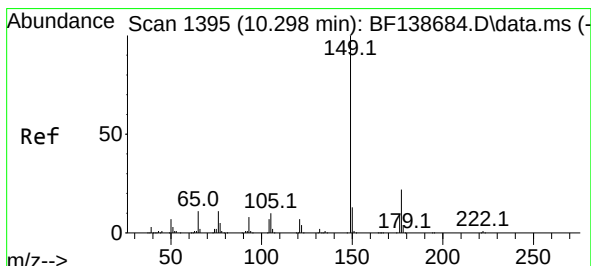
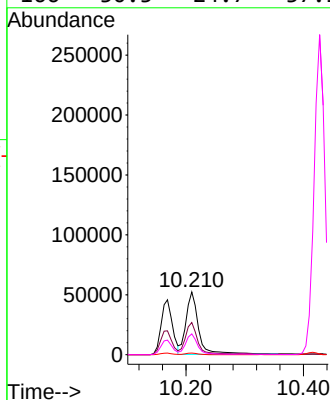
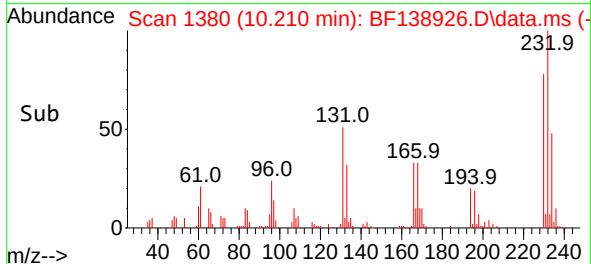
Instrument :
BNA_F
ClientSampleId :
PB162487BS



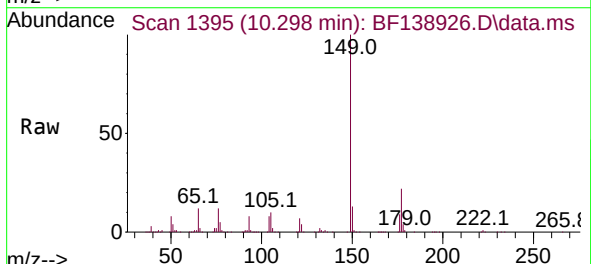
Tgt Ion:232 Resp: 76910
Ion Ratio Lower Upper
232 100
131 48.8 37.0 55.4
130 2.6 2.0 3.0
166 30.3 24.7 37.1

Manual Integrations
APPROVED

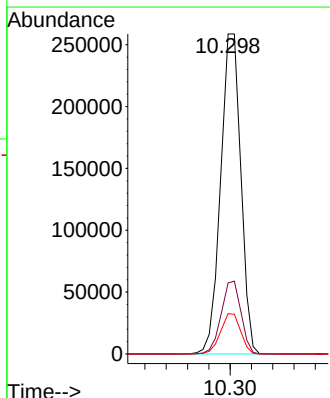
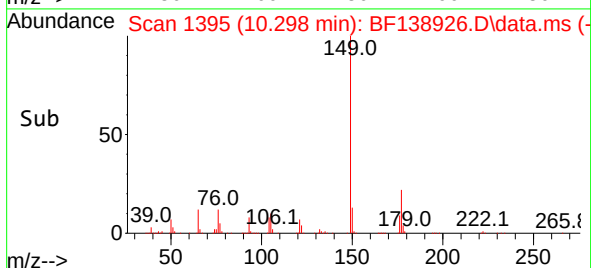
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

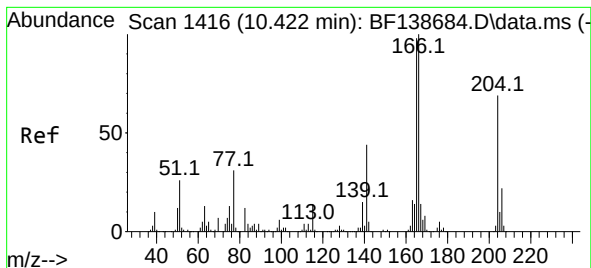


#60
Diethylphthalate
Concen: 49.551 ng
RT: 10.298 min Scan# 1395
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:149 Resp: 340833
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.8
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.817 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

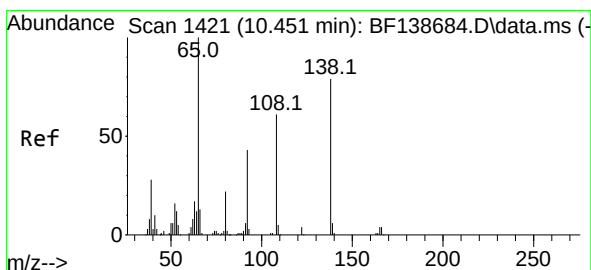
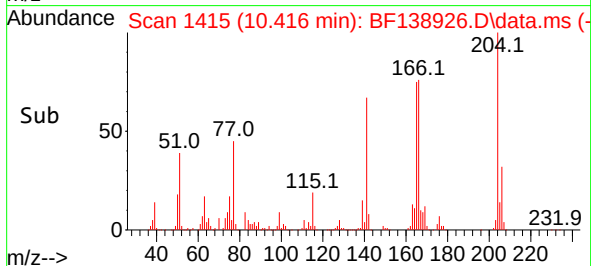
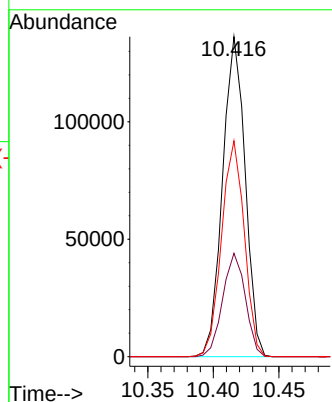
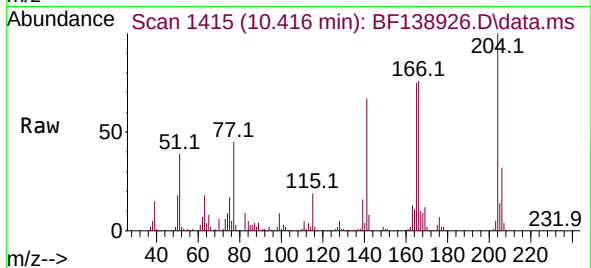
PB162487BS

Tgt Ion:204 Resp: 163080
Ion Ratio Lower Upper
204 100
206 32.3 26.1 39.1
141 67.5 51.4 77.0

Manual Integrations

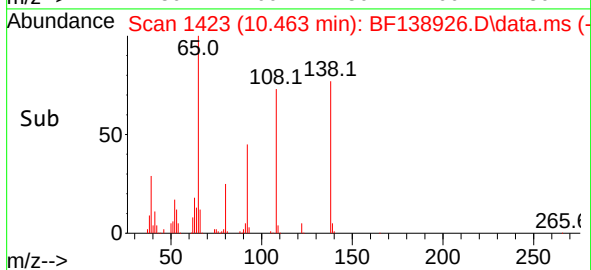
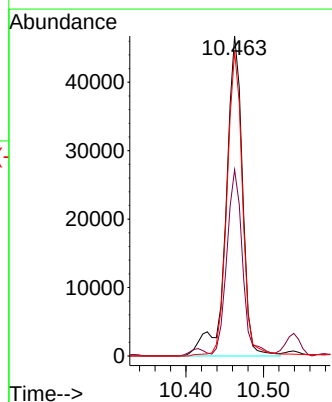
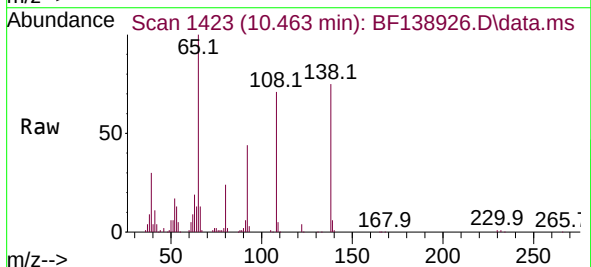
APPROVED

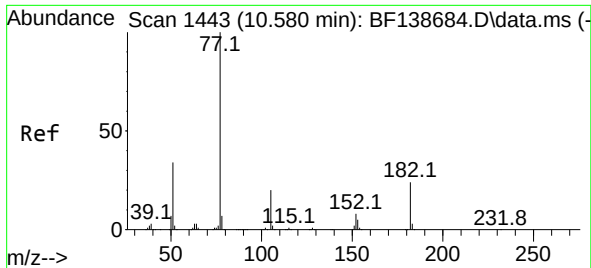
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#62
4-Nitroaniline
Concen: 43.070 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:138 Resp: 69274
Ion Ratio Lower Upper
138 100
92 58.2 34.2 74.2
108 95.2 56.2 96.2





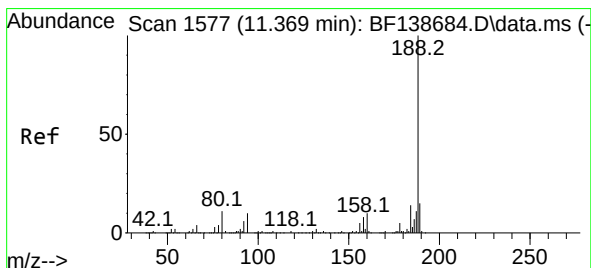
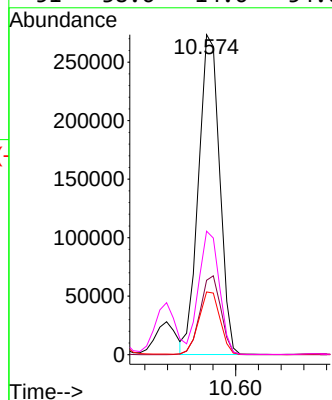
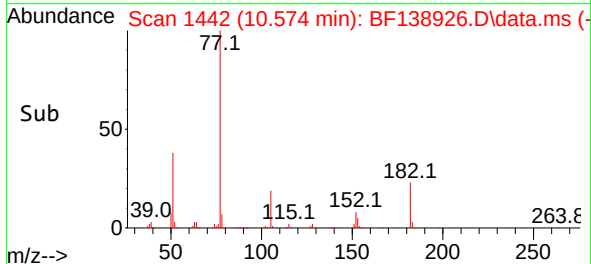
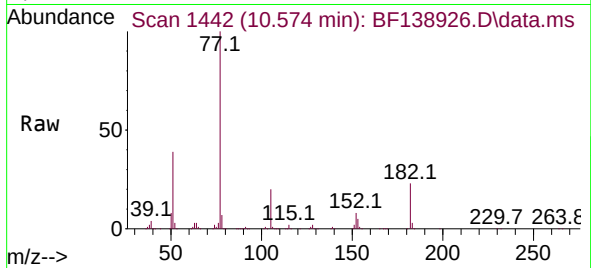
#63
Azobenzene
Concen: 46.260 ng
RT: 10.574 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162487BS

Tgt Ion: 77	Resp: 35291
Ion Ratio	Lower Upper
77 100	
182 23.3	3.4 43.4
105 19.6	0.2 40.2
51 38.6	14.6 54.6

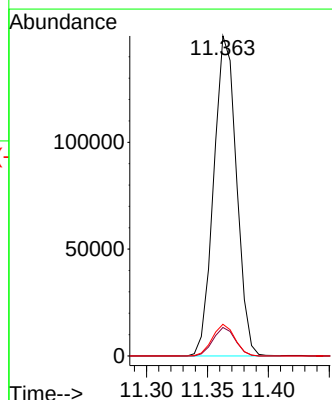
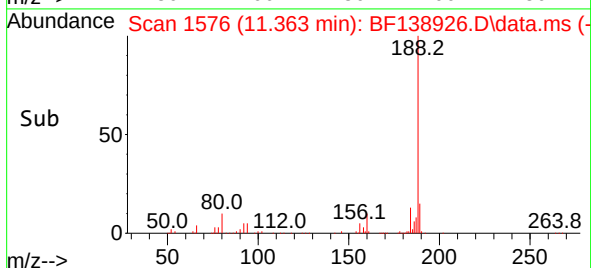
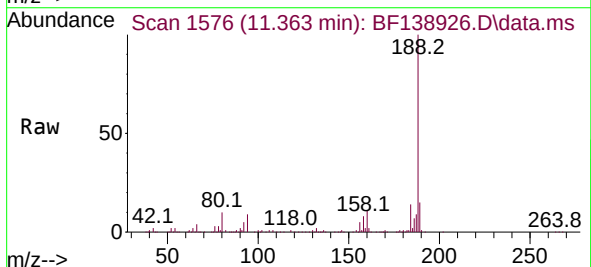
Manual Integrations
APPROVED

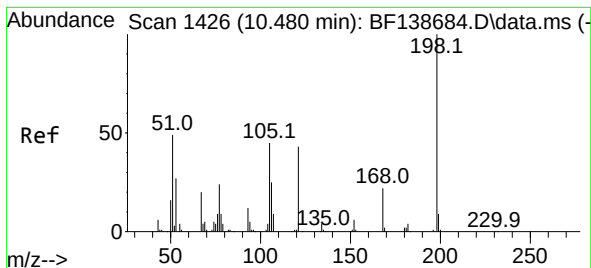
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

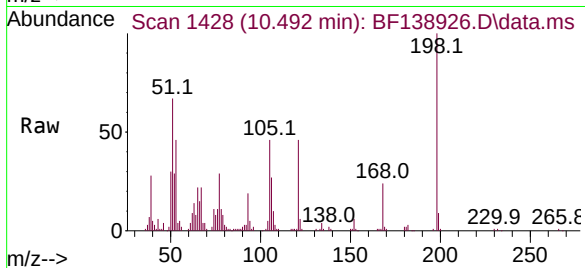
Tgt Ion:188	Resp: 194377
Ion Ratio	Lower Upper
188 100	
94 8.9	7.6 11.4
80 9.9	8.6 12.8





#65
4,6-Dinitro-2-methylphenol
Concen: 46.926 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.012 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

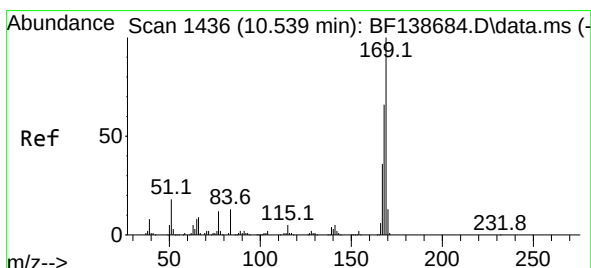
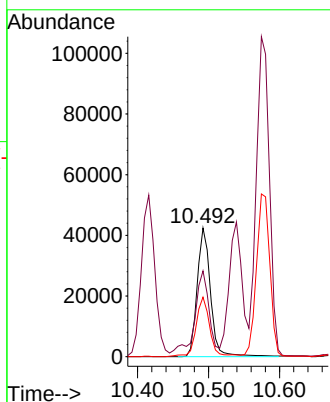
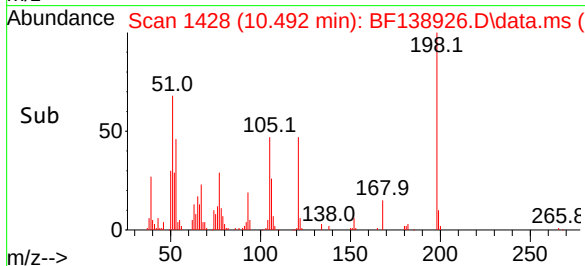
Instrument :
BNA_F
ClientSampleId :
PB162487BS



Tgt Ion:198 Resp: 5564
Ion Ratio Lower Upper
198 100
51 66.7 39.9 79.9
105 46.3 26.1 66.1

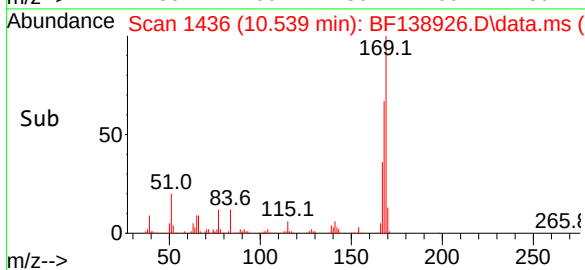
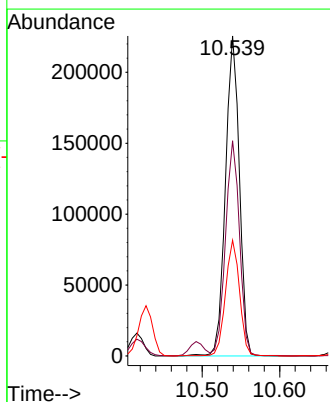
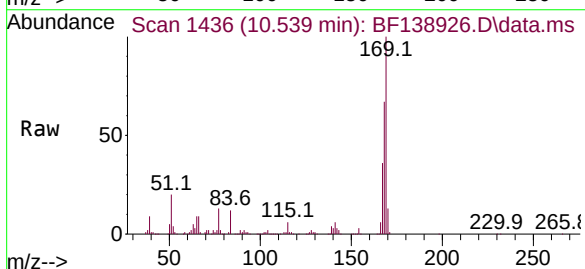
Manual Integrations
APPROVED

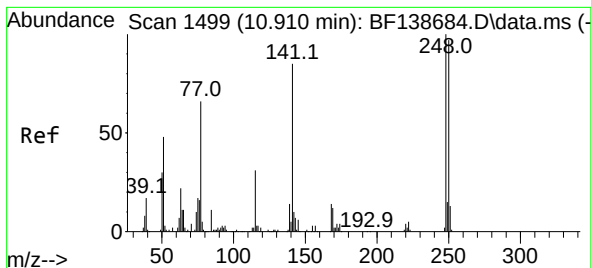
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#66
n-Nitrosodiphenylamine
Concen: 46.451 ng
RT: 10.539 min Scan# 1436
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:169 Resp: 282230
Ion Ratio Lower Upper
169 100
168 67.3 53.0 79.6
167 36.1 29.0 43.6





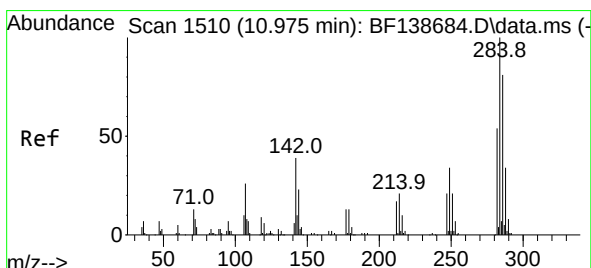
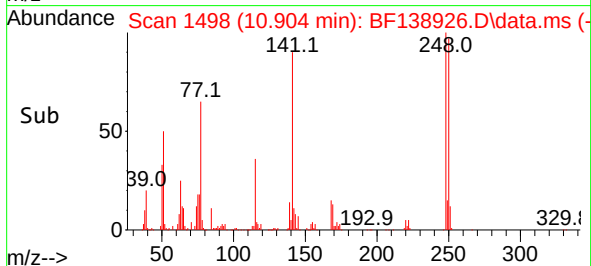
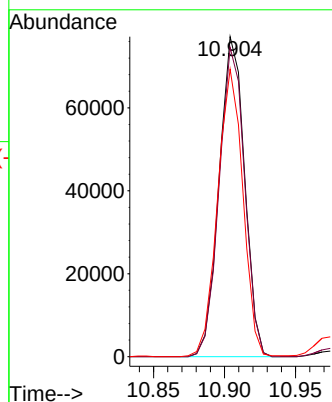
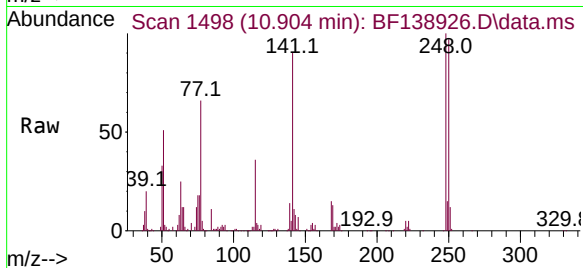
#67
4-Bromophenyl-phenylether
Concen: 45.589 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162487BS

Tgt Ion:248 Resp: 9594
Ion Ratio Lower Upper
248 100
250 96.6 77.7 116.5
141 89.9 68.0 102.0

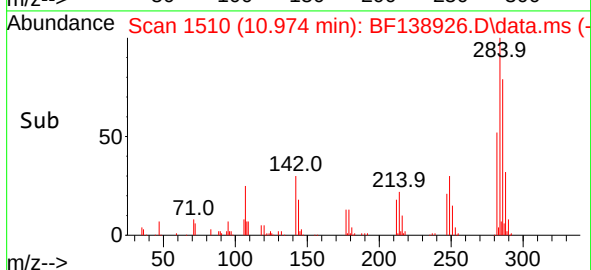
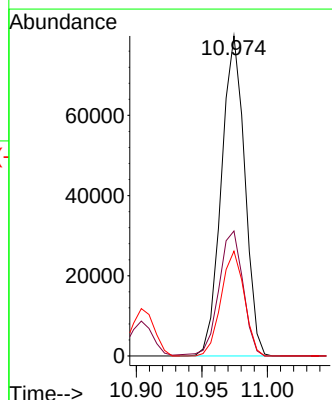
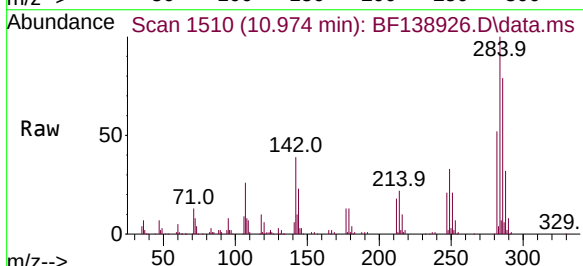
Manual Integrations
APPROVED

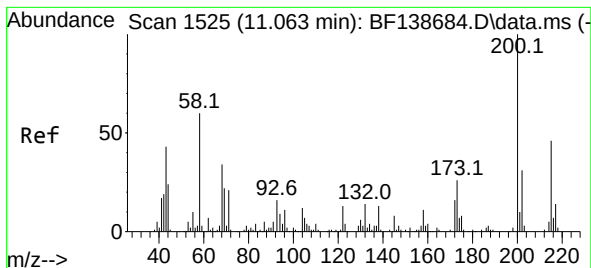
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#68
Hexachlorobenzene
Concen: 45.440 ng
RT: 10.974 min Scan# 1510
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:284 Resp: 98738
Ion Ratio Lower Upper
284 100
142 39.1 31.3 46.9
249 32.7 27.2 40.8





#69

Atrazine

Concen: 53.152 ng

RT: 11.069 min Scan# 1525

Delta R.T. 0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

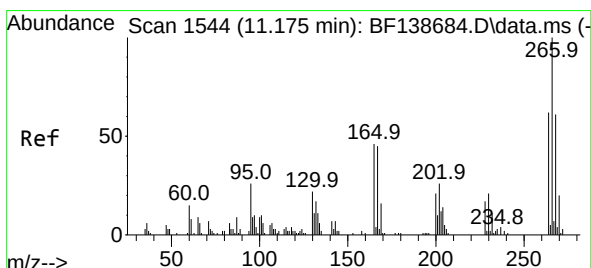
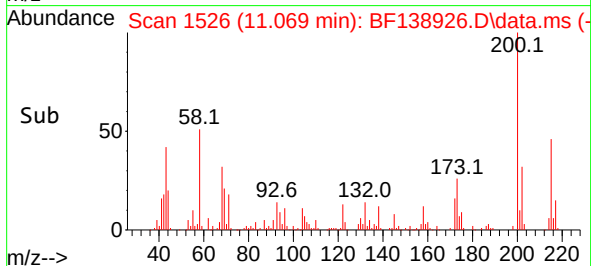
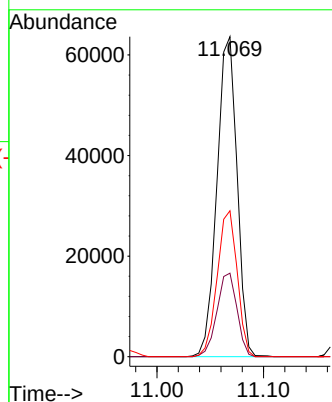
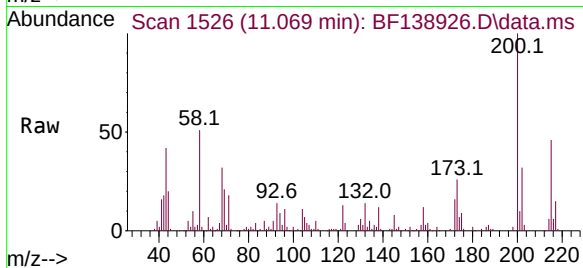
Tgt Ion:200 Resp: 83319
 Ion Ratio Lower Upper
 200 100
 173 26.1 6.0 46.0
 215 45.6 26.1 66.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#70

Pentachlorophenol

Concen: 72.161 ng

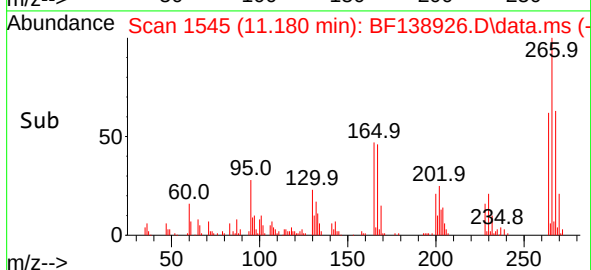
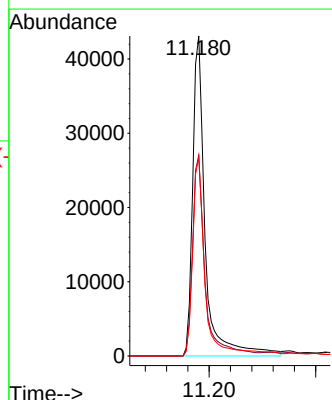
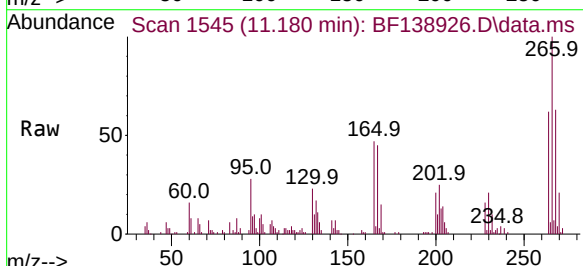
RT: 11.180 min Scan# 1545

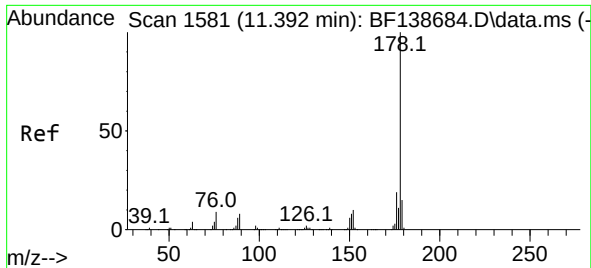
Delta R.T. 0.005 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:266 Resp: 70676
 Ion Ratio Lower Upper
 266 100
 268 62.7 49.2 73.8
 264 62.2 49.8 74.6





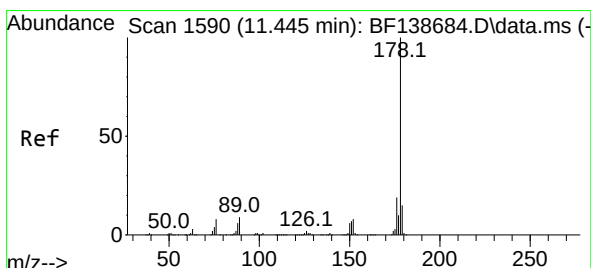
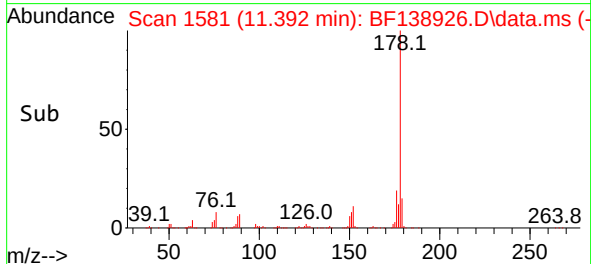
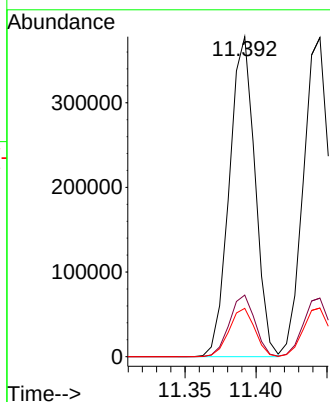
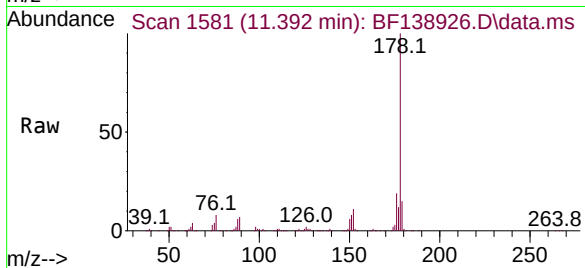
#71
Phenanthrene
Concen: 47.328 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :
BNA_F
ClientSampleId :
PB162487BS

Tgt Ion:178 Resp: 47370
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.1 12.2 18.2

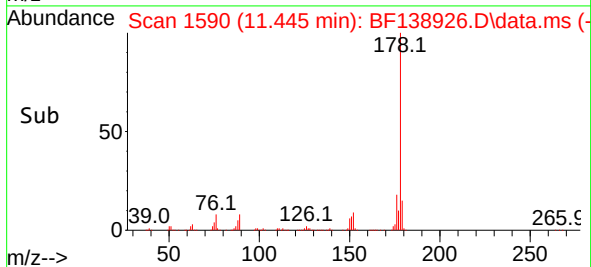
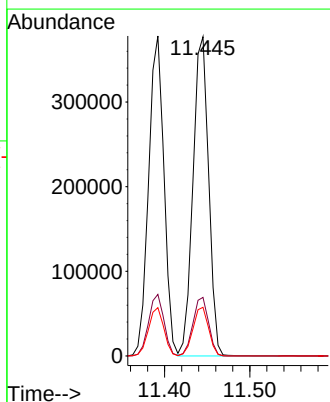
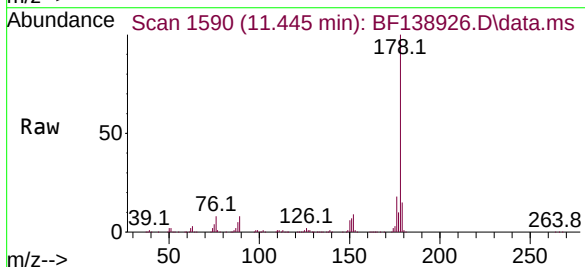
Manual Integrations
APPROVED

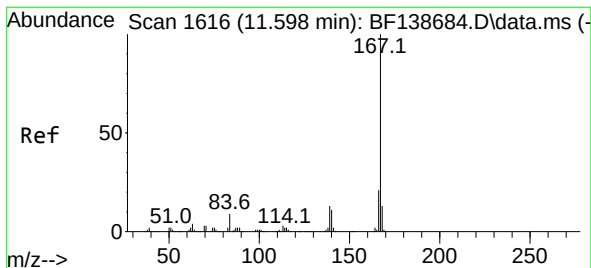
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#72
Anthracene
Concen: 48.761 ng
RT: 11.445 min Scan# 1590
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:178 Resp: 480792
Ion Ratio Lower Upper
178 100
176 18.3 14.9 22.3
179 15.2 12.4 18.6





#73

Carbazole

Concen: 47.464 ng

RT: 11.598 min Scan# 1616

Delta R.T. -0.000 min

Lab File: BF138926.D

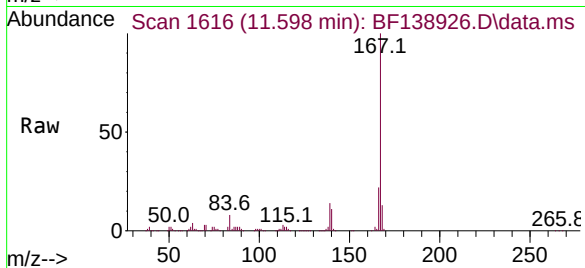
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



Tgt Ion:167 Resp: 40376

Ion Ratio Lower Upper

167 100

166 21.5 17.2 25.8

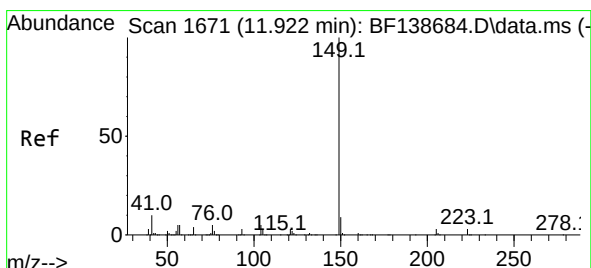
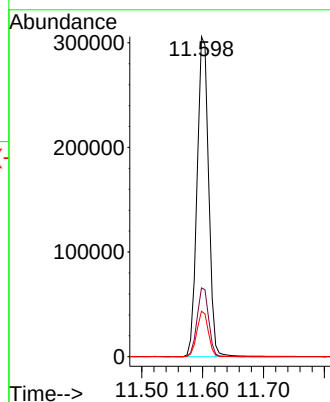
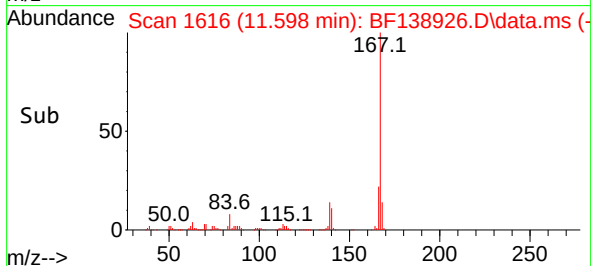
139 14.2 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#74

Di-n-butylphthalate

Concen: 53.084 ng

RT: 11.916 min Scan# 1670

Delta R.T. -0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

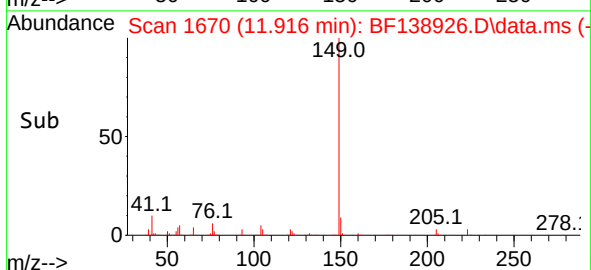
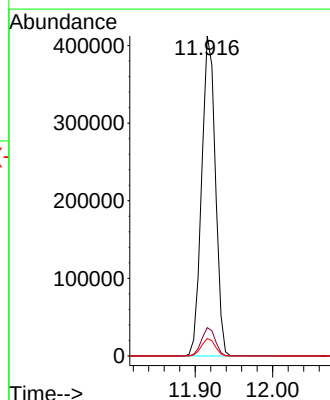
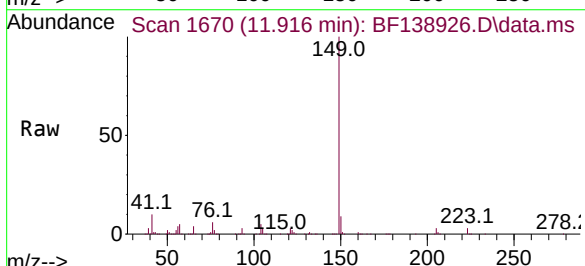
Tgt Ion:149 Resp: 507641

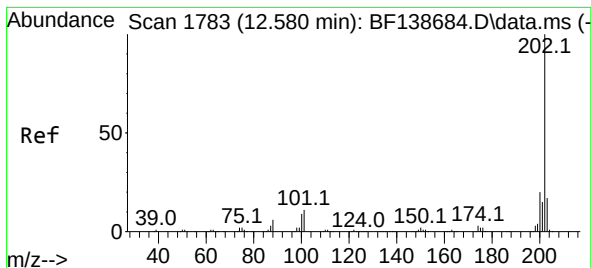
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 5.5 4.1 6.1





#75

Fluoranthene

Concen: 48.337 ng

RT: 12.580 min Scan# 1783

Delta R.T. -0.000 min

Lab File: BF138926.D

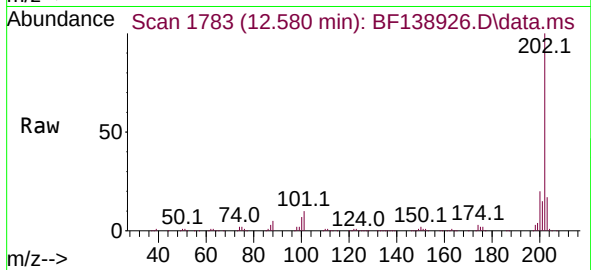
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



Tgt Ion:202 Resp: 451658

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.2

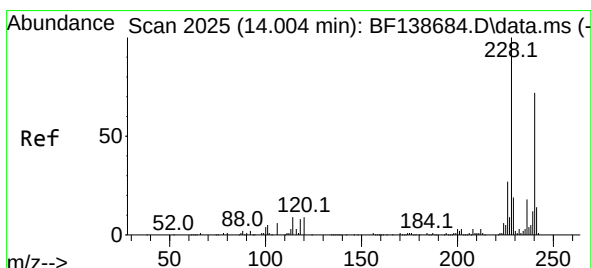
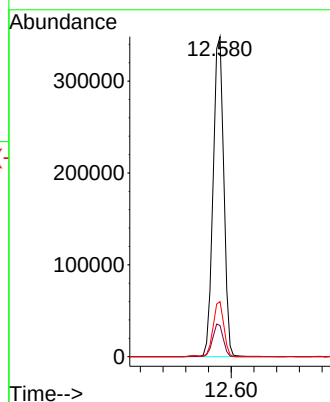
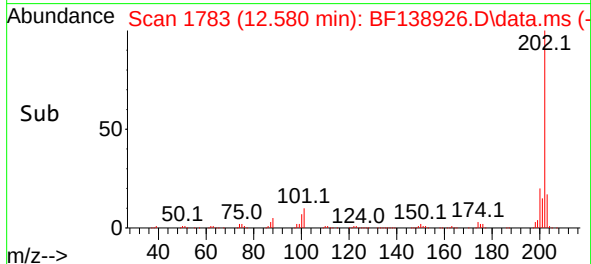
203 17.2 0.0 37.3

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: BF138926.D

Acq: 12 Aug 2024 11:08

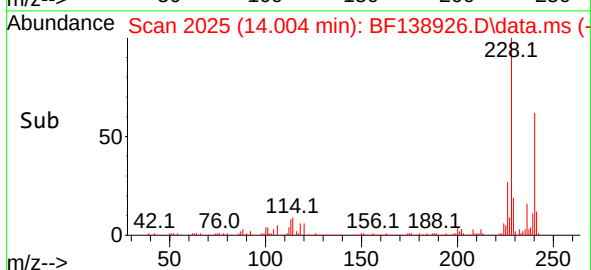
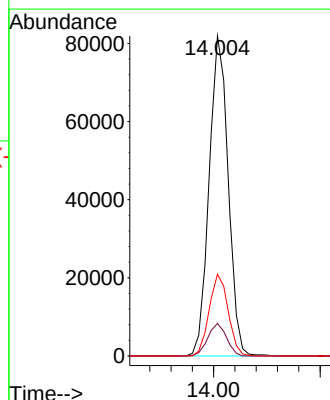
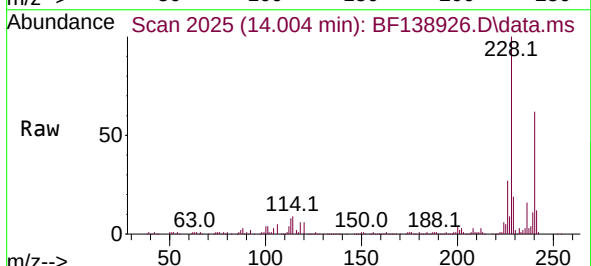
Tgt Ion:240 Resp: 101916

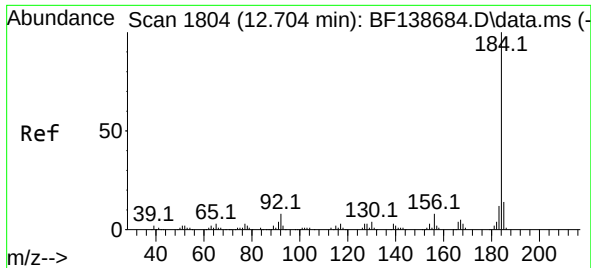
Ion Ratio Lower Upper

240 100

120 10.1 10.2 15.4#

236 25.6 19.8 29.8





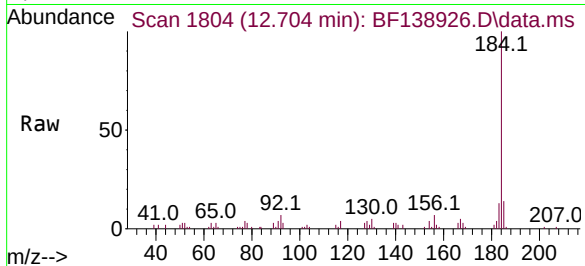
#77
Benzidine
Concen: 13.492 ng
RT: 12.704 min Scan# 1804
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



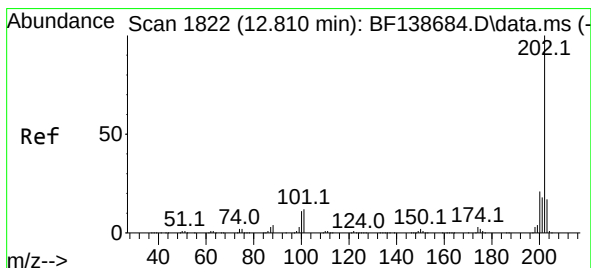
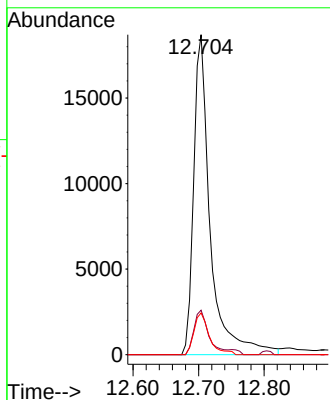
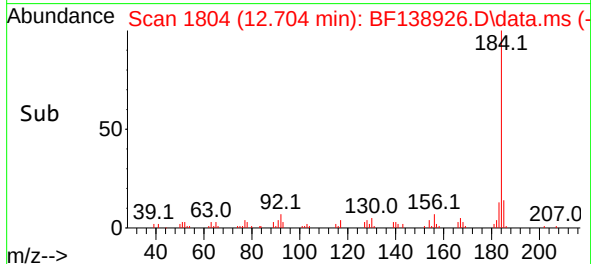
Tgt Ion:184 Resp: 32889
Ion Ratio Lower Upper
184 100
185 13.9 11.1 16.7
183 13.1 9.6 14.4

Manual Integrations

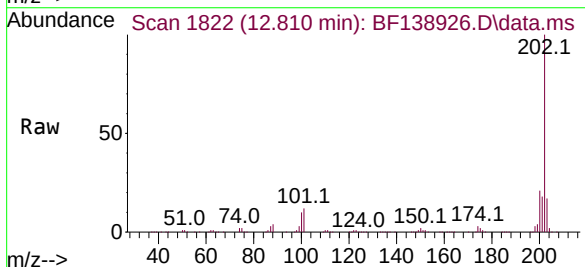
APPROVED

Reviewed By :Yogesh Patel 08/13/2024

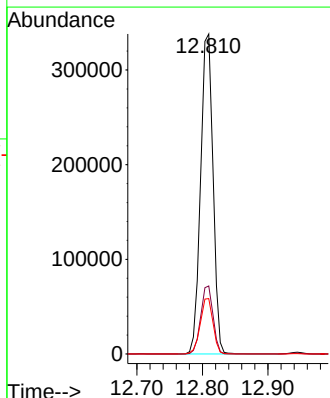
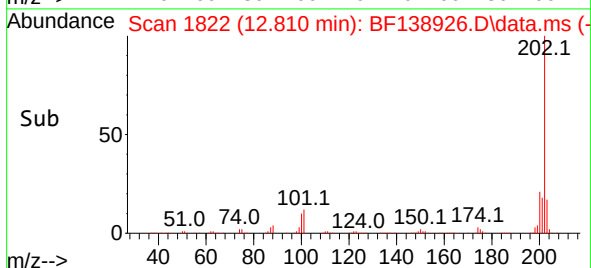
Supervised By :mohammad ahmed 08/13/2024

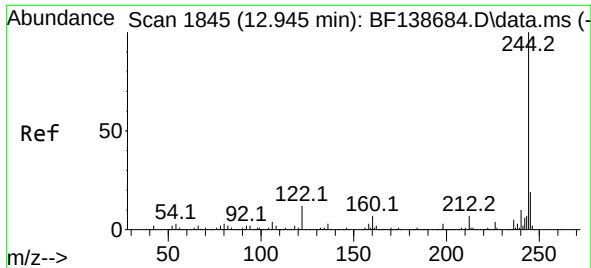


#78
Pyrene
Concen: 46.644 ng
RT: 12.810 min Scan# 1822
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:202 Resp: 447582
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.3 13.8 20.6





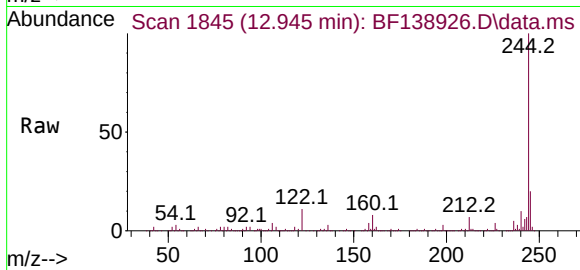
#79
 Terphenyl-d14
 Concen: 103.449 ng
 RT: 12.945 min Scan# 1845
 Delta R.T. -0.000 min
 Lab File: BF138926.D
 Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

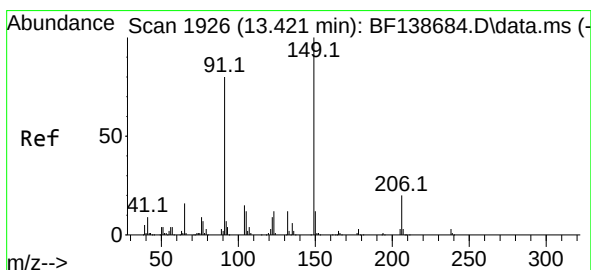
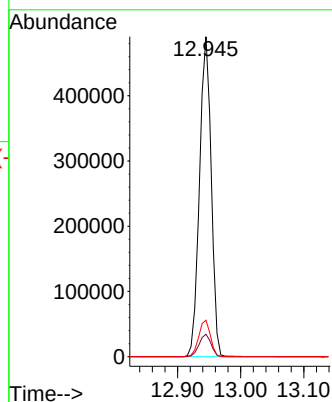
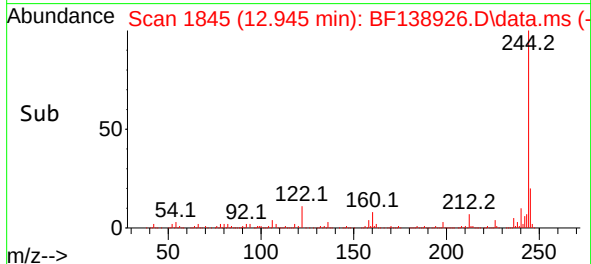


Tgt Ion:244 Resp: 629711
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.4 9.6 14.4

Manual Integrations

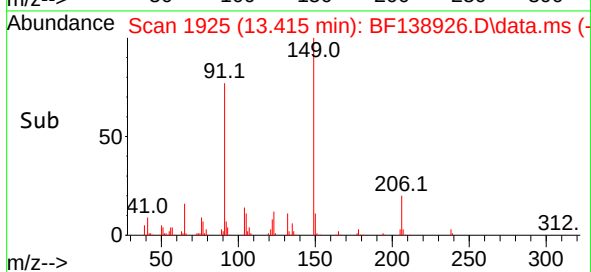
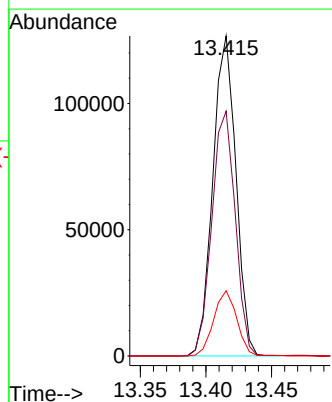
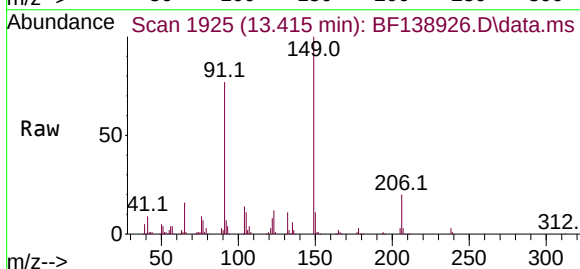
APPROVED

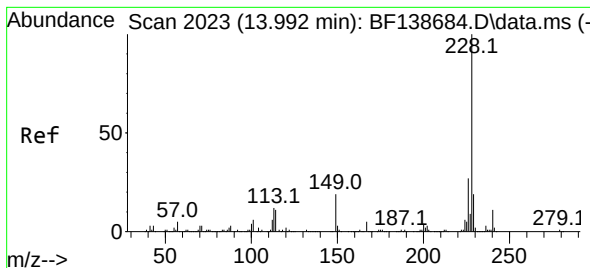
Reviewed By :Yogesh Patel 08/13/2024
 Supervised By :mohammad ahmed 08/13/2024



#80
 Butylbenzylphthalate
 Concen: 50.503 ng
 RT: 13.415 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF138926.D
 Acq: 12 Aug 2024 11:08

Tgt Ion:149 Resp: 155185
 Ion Ratio Lower Upper
 149 100
 91 76.5 63.7 95.5
 206 20.4 16.2 24.2





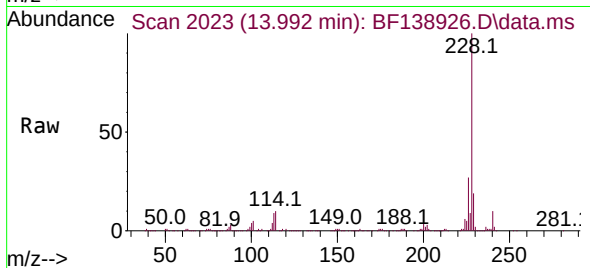
#81
Benzo(a)anthracene
Concen: 48.641 ng
RT: 13.992 min Scan# 2023
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

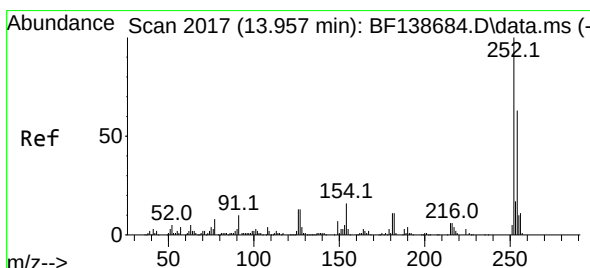
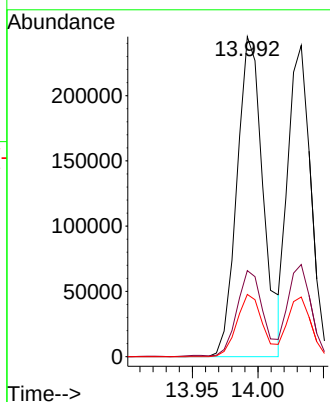
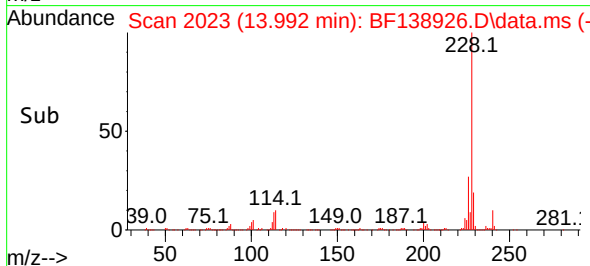


Tgt Ion:228 Resp: 341368
Ion Ratio Lower Upper
228 100
226 26.9 22.1 33.1
229 19.5 15.4 23.0

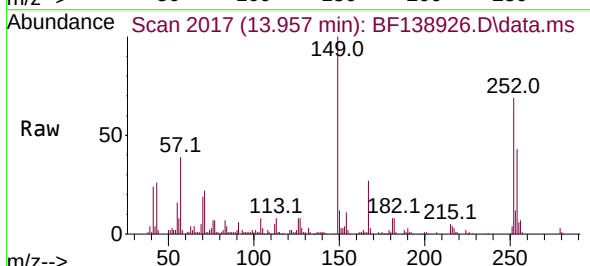
Manual Integrations

APPROVED

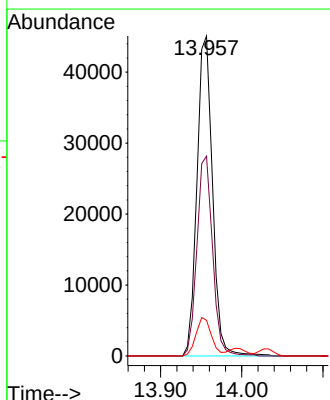
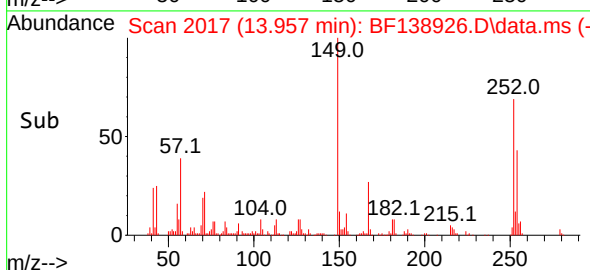
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024

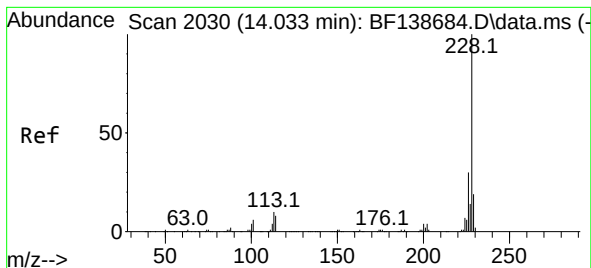


#82
3,3'-Dichlorobenzidine
Concen: 33.475 ng
RT: 13.957 min Scan# 2017
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08



Tgt Ion:252 Resp: 60120
Ion Ratio Lower Upper
252 100
254 62.4 50.8 76.2
126 11.1 10.2 15.2





#83

Chrysene

Concen: 45.469 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF138926.D

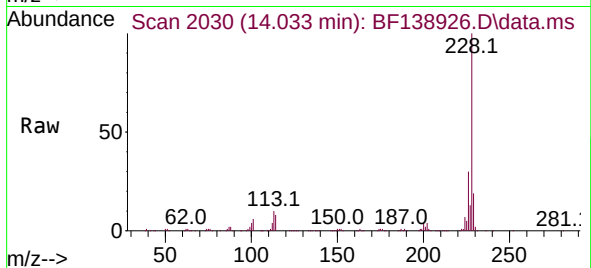
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS



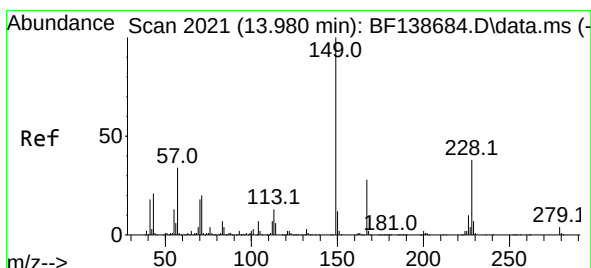
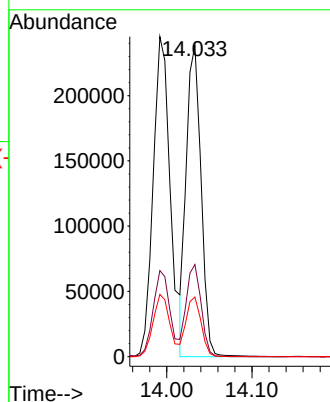
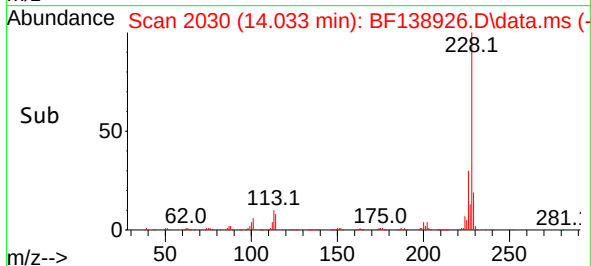
Tgt Ion:	228	Resp:	287894
Ion Ratio	Lower	Upper	
228	100		
226	29.6	23.7	35.5
229	19.2	15.0	22.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.859 ng

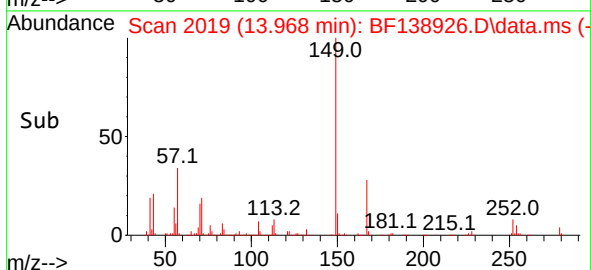
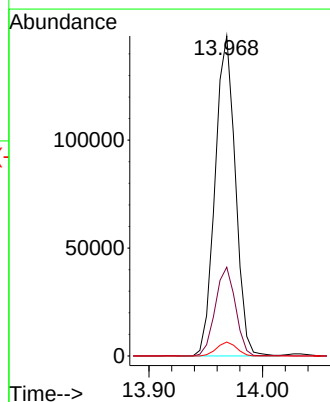
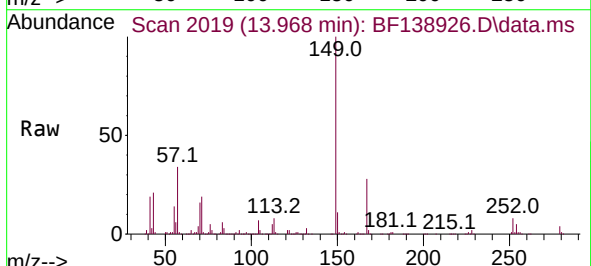
RT: 13.968 min Scan# 2019

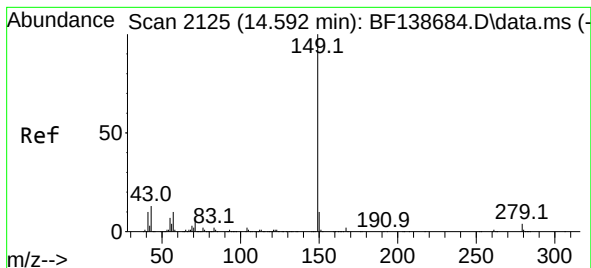
Delta R.T. -0.012 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:	149	Resp:	183850
Ion Ratio	Lower	Upper	
149	100		
167	27.8	22.2	33.4
279	4.4	3.4	5.0





#85

Di-n-octyl phthalate

Concen: 37.099 ng

RT: 14.580 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

Tgt Ion:149 Resp: 30885

Ion Ratio Lower Upper

149 100

167 1.5 1.4 2.0

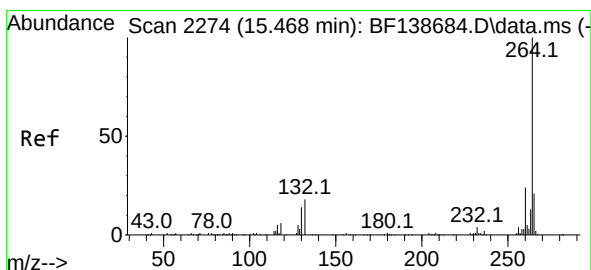
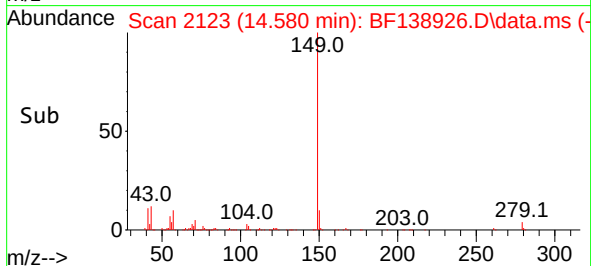
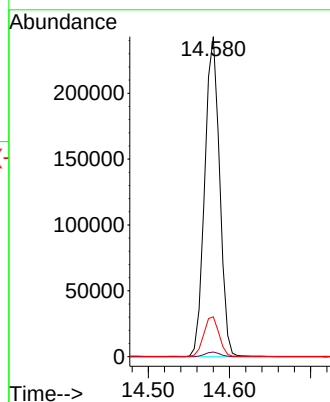
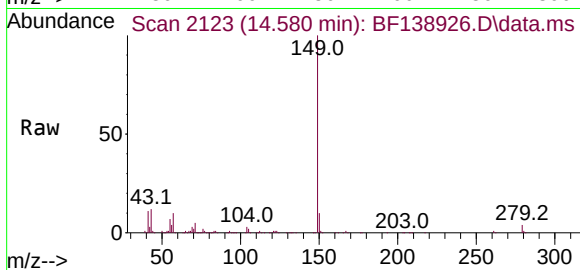
43 12.8 10.4 15.6

Manual Integrations

APPROVED

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: BF138926.D

Acq: 12 Aug 2024 11:08

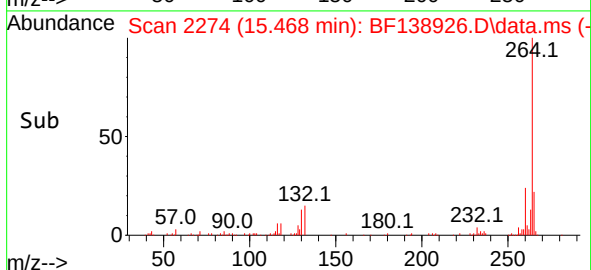
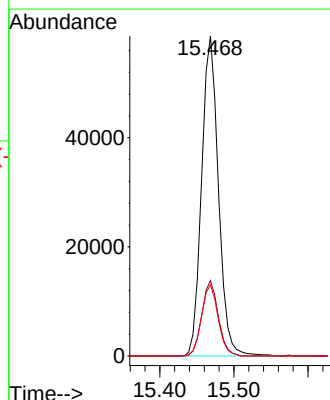
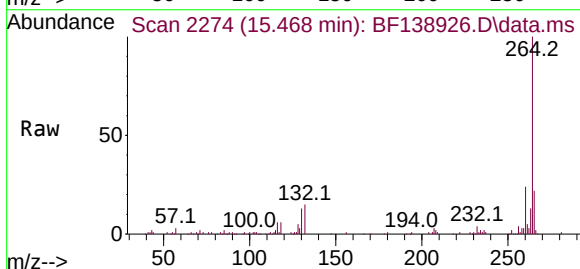
Tgt Ion:264 Resp: 92387

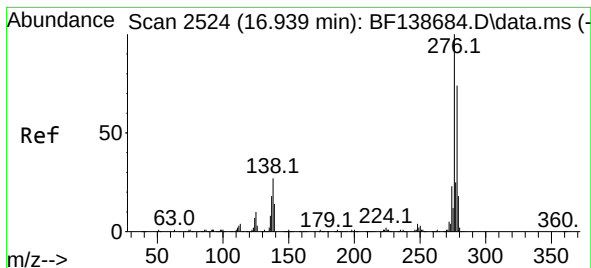
Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.6

265 22.2 17.0 25.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 47.793 ng

RT: 16.951 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

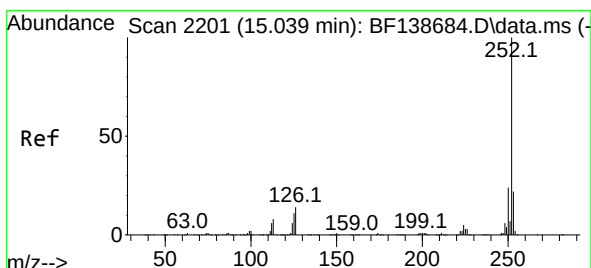
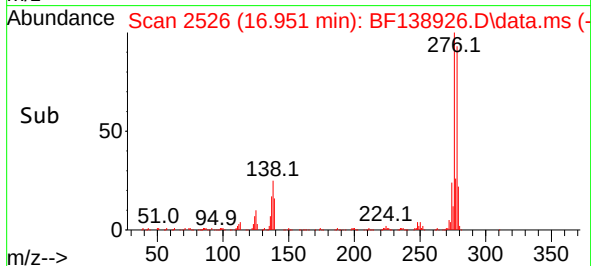
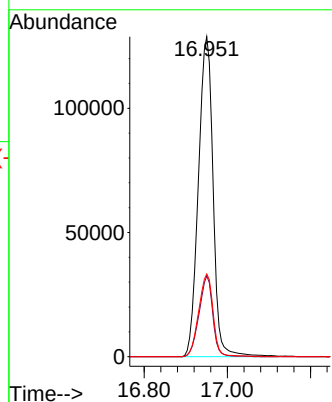
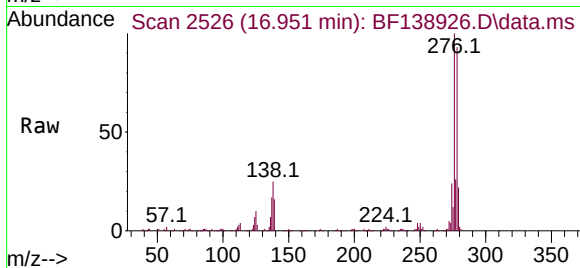
Tgt Ion:	276	Resp:	316430
Ion Ratio	Lower	Upper	
276	100		
138	23.3	21.8	32.8
277	25.4	20.6	30.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#88

Benzo(b)fluoranthene

Concen: 49.518 ng

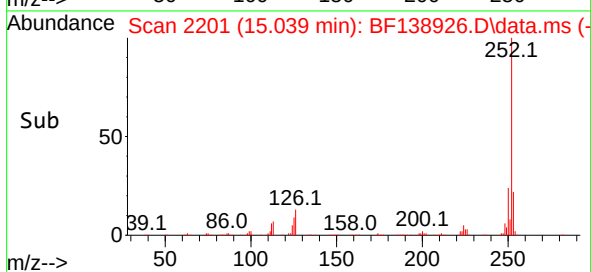
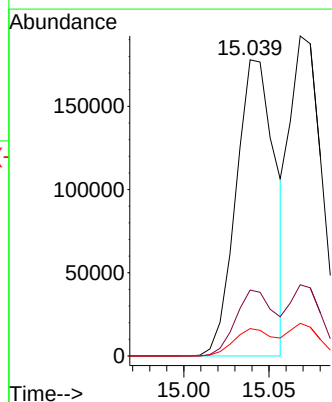
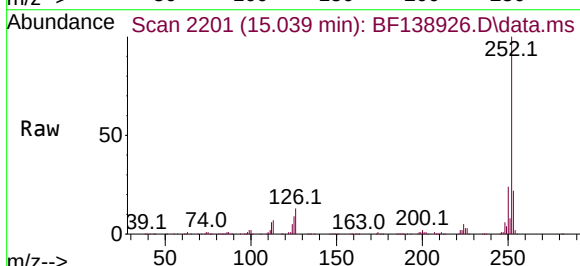
RT: 15.039 min Scan# 2201

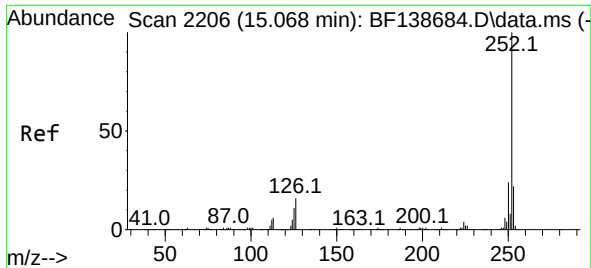
Delta R.T. -0.000 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:	252	Resp:	283595
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.5	26.3
125	9.3	8.9	13.3





#89
Benzo(k)fluoranthene
Concen: 50.999 ng
RT: 15.068 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

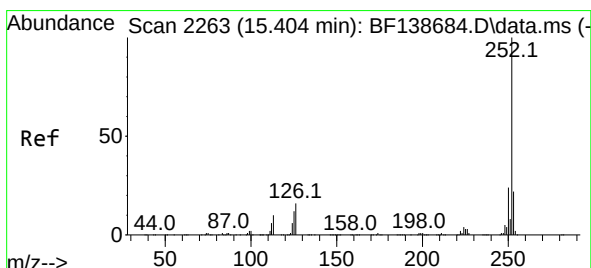
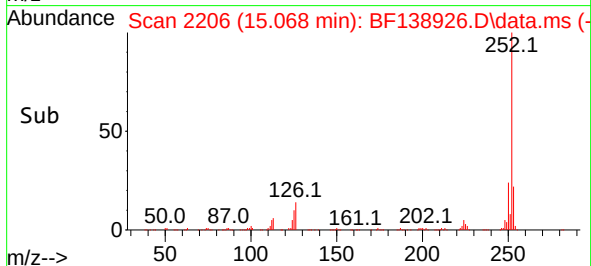
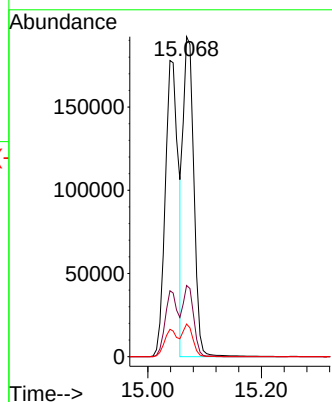
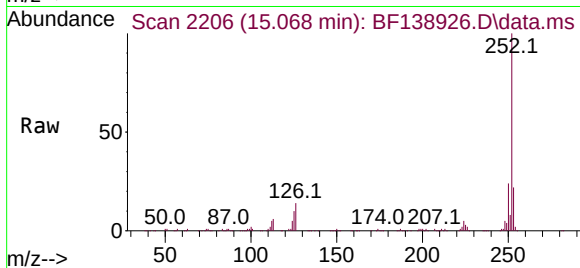
PB162487BS

Tgt Ion:252 Resp: 25288
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 10.2 8.6 13.0

Manual Integrations

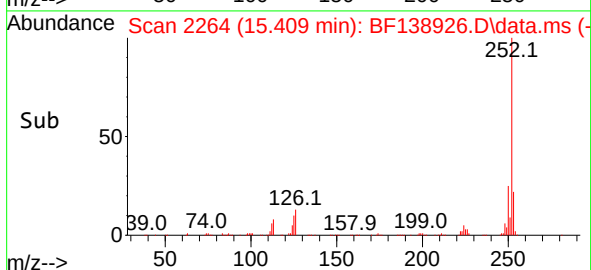
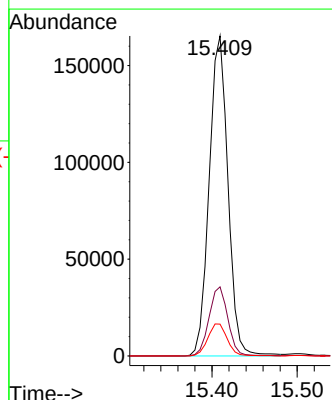
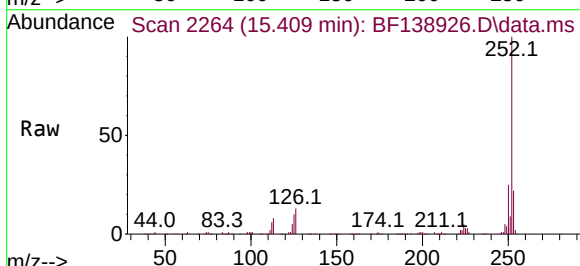
APPROVED

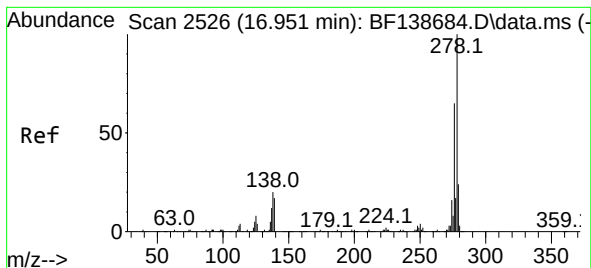
Reviewed By :Yogesh Patel 08/13/2024
Supervised By :mohammad ahmed 08/13/2024



#90
Benzo(a)pyrene
Concen: 52.527 ng
RT: 15.409 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BF138926.D
Acq: 12 Aug 2024 11:08

Tgt Ion:252 Resp: 253041
Ion Ratio Lower Upper
252 100
253 21.6 17.3 25.9
125 9.9 9.5 14.3





#91

Dibenzo(a,h)anthracene

Concen: 46.979 ng

RT: 16.956 min Scan# 25532

Delta R.T. 0.006 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Instrument :

BNA_F

ClientSampleId :

PB162487BS

Tgt Ion:278 Resp: 25532

Ion Ratio Lower Upper

278 100

139 15.8 14.0 21.0

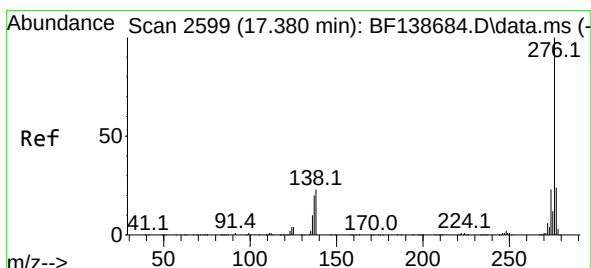
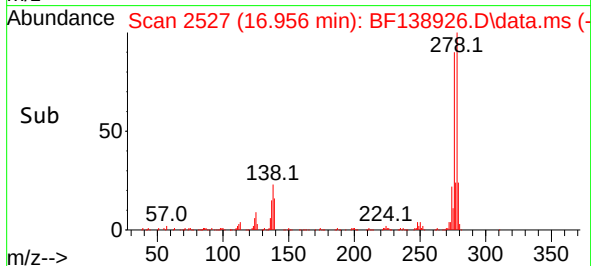
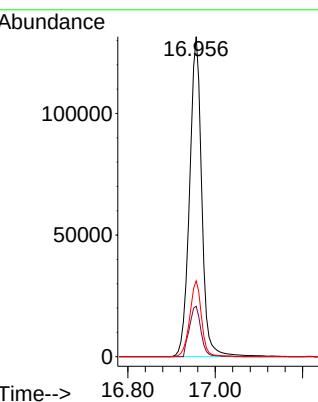
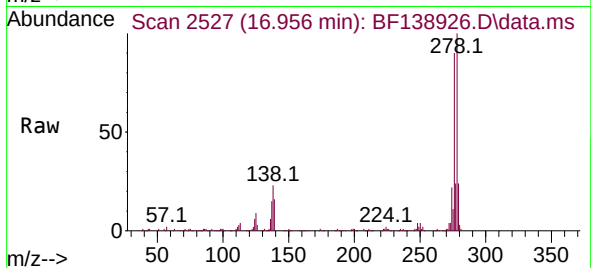
279 23.7 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/13/2024

Supervised By :mohammad ahmed 08/13/2024



#92

Benzo(g,h,i)perylene

Concen: 42.788 ng

RT: 17.392 min Scan# 2601

Delta R.T. 0.012 min

Lab File: BF138926.D

Acq: 12 Aug 2024 11:08

Tgt Ion:276 Resp: 241314

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 19.9 18.5 27.7

