

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100824\
 Data File : BF139706.D
 Acq On : 08 Oct 2024 12:12
 Operator : RC/JU
 Sample : P4290-04MS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS

Manual Integrations
 APPROVED

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

Quant Time: Oct 08 12:36:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	77421	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	293282	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	160654	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	284403	20.000	ng	0.00
76) Chrysene-d12	14.033	240	175389	20.000	ng	0.00
86) Perylene-d12	15.498	264	162323	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	660947	147.968	ng	0.02
7) Phenol-d6	6.510	99	820543	136.600	ng	0.00
23) Nitrobenzene-d5	7.434	82	612387	105.718	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	229367	147.897	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1101937	105.299	ng	0.00
79) Terphenyl-d14	12.974	244	1049641	98.198	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.805	88	98126	50.811	ng	# 80
3) Pyridine	3.516	79	212125	45.164	ng	97
4) n-Nitrosodimethylamine	3.452	42	163933	53.323	ng	96
6) Aniline	6.534	93	138989	26.075	ng	# 59
8) 2-Chlorophenol	6.657	128	266890	55.768	ng	98
9) Benzaldehyde	6.422	77	39375	12.374	ng	98
10) Phenol	6.522	94	307083	48.618	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	271668	52.825	ng	99
12) 1,3-Dichlorobenzene	6.810	146	280070	52.022	ng	99
13) 1,4-Dichlorobenzene	6.887	146	286358	52.517	ng	100
14) 1,2-Dichlorobenzene	7.040	146	270632	52.958	ng	99
15) Benzyl Alcohol	7.016	79	256246	55.831	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	482181	54.159	ng	80
17) 2-Methylphenol	7.128	107	213148	53.351	ng	97
18) Hexachloroethane	7.381	117	103251	50.767	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	208138	53.895	ng	99
20) 3+4-Methylphenols	7.281	107	268806	53.566	ng	98
22) Acetophenone	7.275	105	373627	53.670	ng	96
24) Nitrobenzene	7.451	77	314052	52.357	ng	100
25) Isophorone	7.692	82	562716	54.694	ng	100
26) 2-Nitrophenol	7.769	139	139976	54.283	ng	98
27) 2,4-Dimethylphenol	7.804	122	210075	66.548	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	324765	52.862	ng	99
29) 2,4-Dichlorophenol	8.010	162	225408	54.744	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	235792	50.637	ng	100
31) Naphthalene	8.169	128	792973	52.882	ng	100
32) Benzoic acid	7.934	122	160563	51.152	ng	99
33) 4-Chloroaniline	8.228	127	44261	8.720	ng	98
34) Hexachlorobutadiene	8.287	225	154794	51.369	ng	98
35) Caprolactam	8.592	113	64628m	47.855	ng	
36) 4-Chloro-3-methylphenol	8.710	107	246734	52.935	ng	100
37) 2-Methylnaphthalene	8.863	142	517176	52.956	ng	100
38) 1-Methylnaphthalene	8.963	142	481098	50.397	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	243789	54.647	ng	98
41) Hexachlorocyclopentadiene	9.010	237	206929	151.275	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	164250	54.616	ng	98

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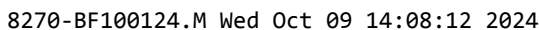
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	174735	53.877	ng	97
46) 1,1'-Biphenyl	9.328	154	646147	54.076	ng	100
47) 2-Chloronaphthalene	9.351	162	482712	53.887	ng	99
48) 2-Nitroaniline	9.451	65	179750	55.900	ng	98
49) Acenaphthylene	9.769	152	789170	57.930	ng	100
50) Dimethylphthalate	9.628	163	597933	56.856	ng	100
51) 2,6-Dinitrotoluene	9.692	165	126616	53.297	ng	94
52) Acenaphthene	9.939	154	540520m	57.797	ng	
53) 3-Nitroaniline	9.857	138	67100	27.639	ng	96
54) 2,4-Dinitrophenol	9.969	184	121636	95.194	ng	98
55) Dibenzofuran	10.110	168	715274	54.625	ng	100
56) 4-Nitrophenol	10.033	139	184296	99.547	ng	95
57) 2,4-Dinitrotoluene	10.098	165	165835	53.405	ng	99
58) Fluorene	10.451	166	551646	52.894	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	142106	54.250	ng	98
60) Diethylphthalate	10.328	149	583383	53.706	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	270941	51.928	ng	97
62) 4-Nitroaniline	10.475	138	123025	49.542	ng	99
63) Azobenzene	10.604	77	577938	52.906	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	79528	49.511	ng	97
66) n-Nitrosodiphenylamine	10.563	169	483424	57.666	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	160835	55.156	ng	98
68) Hexachlorobenzene	10.998	284	176541	54.560	ng	99
69) Atrazine	11.092	200	154179	68.548	ng	99
70) Pentachlorophenol	11.198	266	201151	104.401	ng	99
71) Phenanthrene	11.416	178	753445	56.186	ng	100
72) Anthracene	11.469	178	766059	57.744	ng	100
73) Carbazole	11.622	167	703666	55.225	ng	100
74) Di-n-butylphthalate	11.951	149	894450	57.728	ng	99
75) Fluoranthene	12.604	202	768962	52.457	ng	100
77) Benzidine	12.727	184	102905	33.263	ng	100
78) Pyrene	12.833	202	781526	49.821	ng	100
80) Butylbenzylphthalate	13.445	149	326885	58.258	ng	100
81) Benzo(a)anthracene	14.021	228	637073	55.248	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	134276	38.049	ng	98
83) Chrysene	14.057	228	598725	56.792	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	441281	62.983	ng	99
85) Di-n-octyl phthalate	14.616	149	705244	68.515	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	500997	52.439	ng	100
88) Benzo(b)fluoranthene	15.074	252	551447	52.541	ng	99
89) Benzo(k)fluoranthene	15.104	252	522751	58.716	ng	100
90) Benzo(a)pyrene	15.439	252	495448	59.868	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	417860	52.732	ng	99
92) Benzo(g,h,i)perylene	17.427	276	361385	45.473	ng	99

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

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024

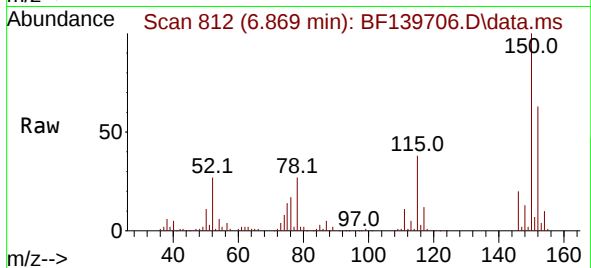
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 812
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

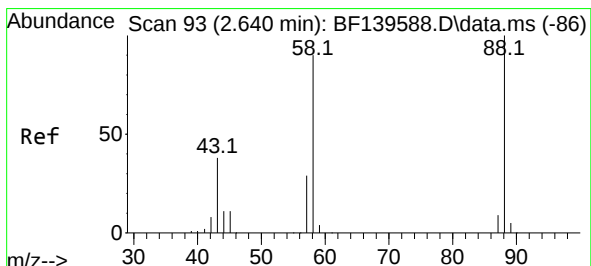
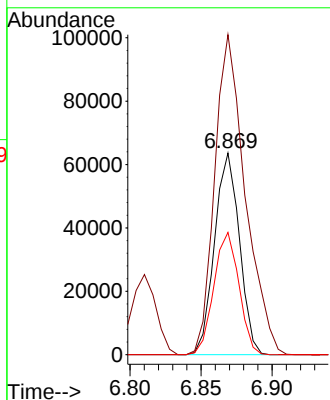
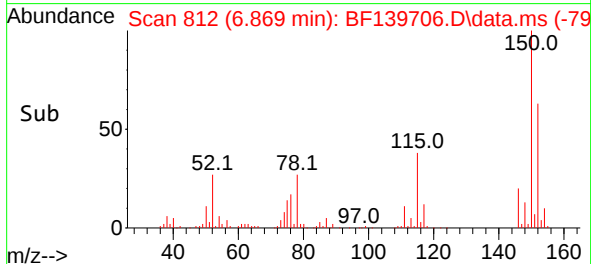
Instrument :
BNA_F
Client SampleId :
IB-4MS



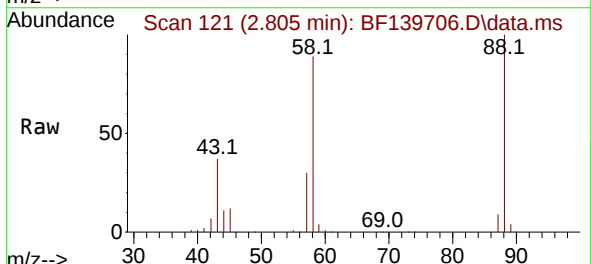
Tgt Ion:152 Resp: 7742
Ion Ratio Lower Upper
152 100
150 158.7 127.2 190.8
115 60.7 49.0 73.4

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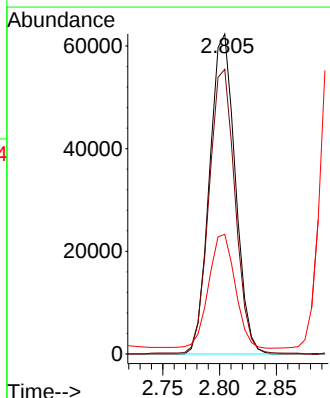
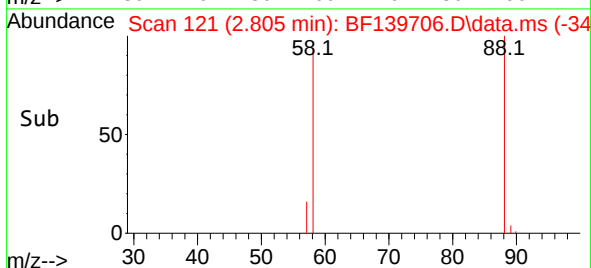
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#2
1,4-Dioxane
Concen: 50.811 ng
RT: 2.805 min Scan# 121
Delta R.T. 0.165 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion: 88 Resp: 98126
Ion Ratio Lower Upper
88 100
58 90.8 72.0 108.0
43 0.0 30.8 46.2





#3

Pyridine

Concen: 45.164 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.123 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion: 79 Resp: 21212

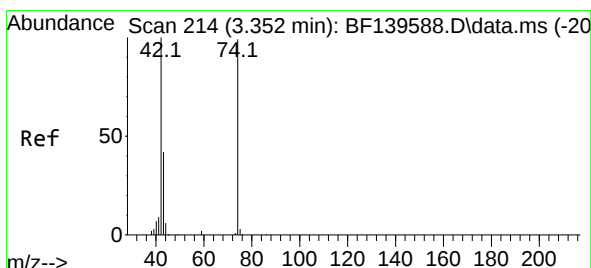
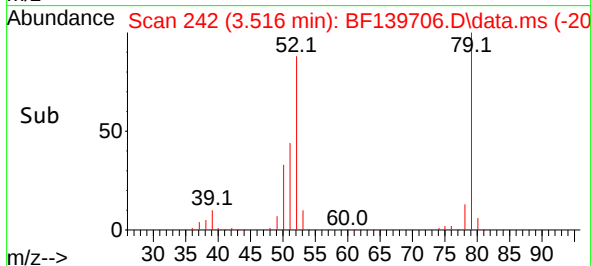
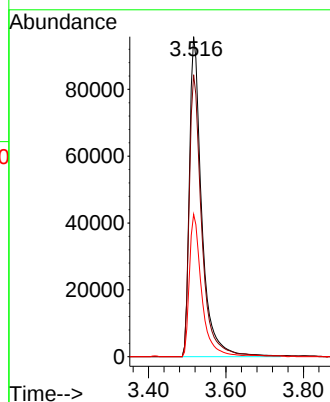
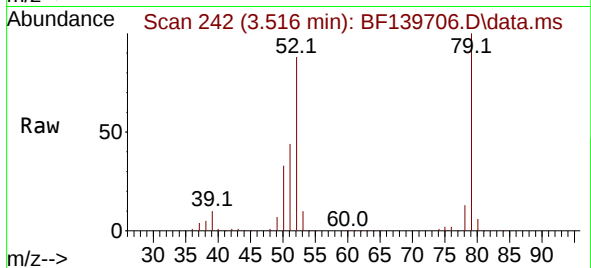
Ion	Ratio	Lower	Upper
79	100		
52	88.1	72.6	109.0
51	44.5	37.5	56.3

Manual Integrations

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Supervised By :mohammad ahmed 10/10/2024



#4

n-Nitrosodimethylamine

Concen: 53.323 ng

RT: 3.452 min Scan# 231

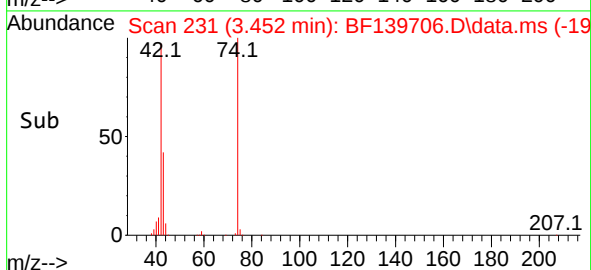
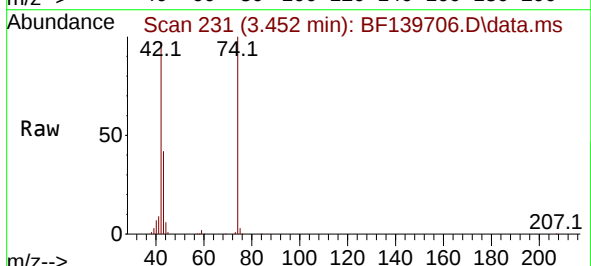
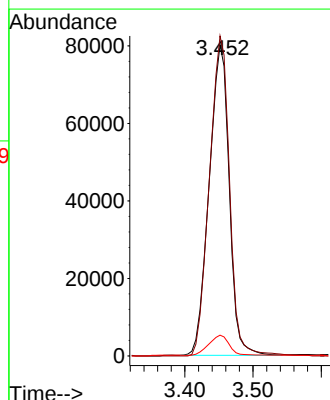
Delta R.T. 0.100 min

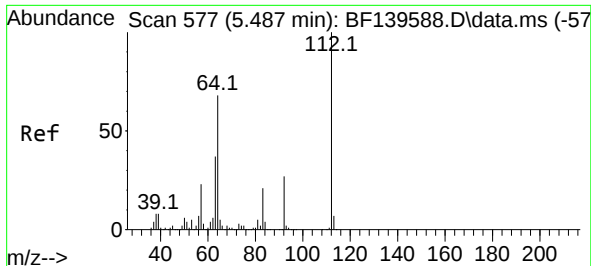
Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Tgt Ion: 42 Resp: 163933

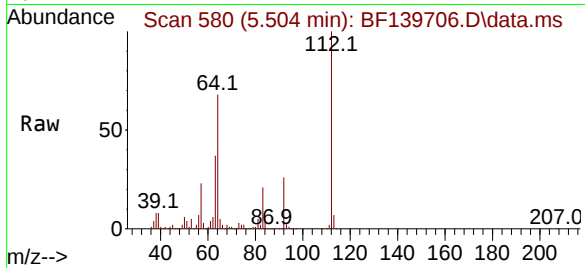
Ion	Ratio	Lower	Upper
42	100		
74	102.8	79.0	118.6
44	6.7	5.2	7.8





#5
2-Fluorophenol
Concen: 147.968 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

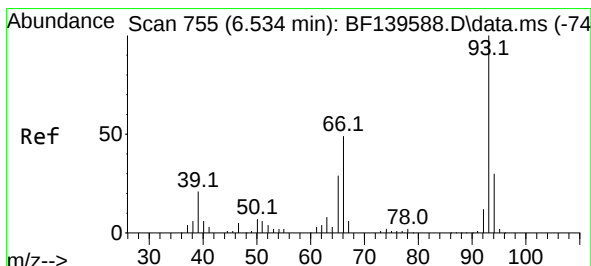
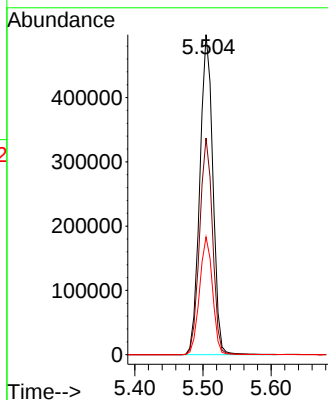
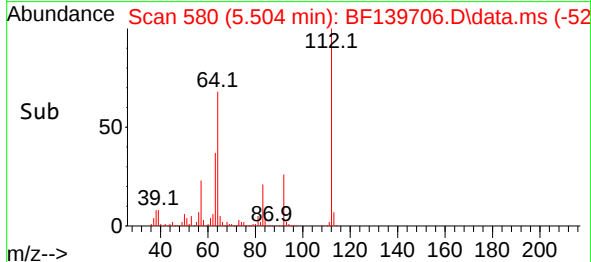
Instrument :
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ClientSampleId :
IB-4MS



Tgt Ion:112 Resp: 66094
Ion Ratio Lower Upper
112 100
64 67.7 54.2 81.4
63 36.8 29.4 44.2

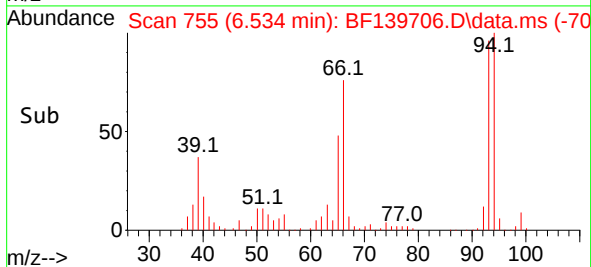
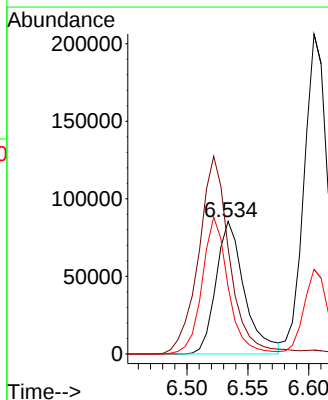
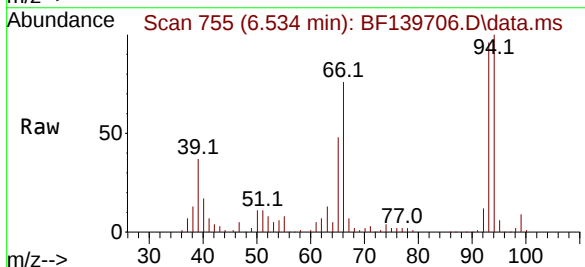
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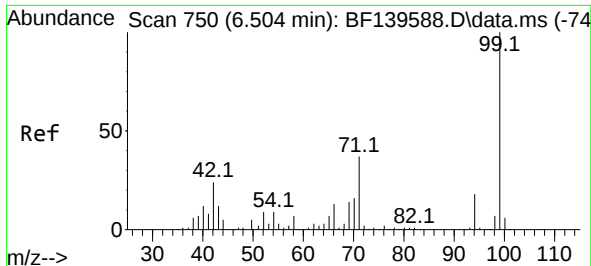
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#6
Aniline
Concen: 26.075 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

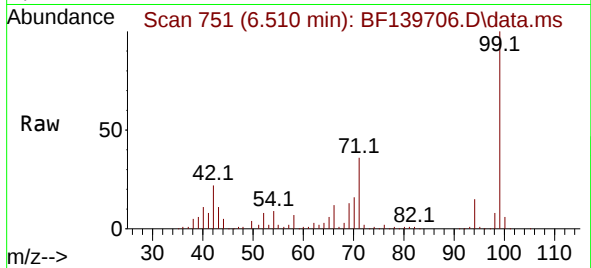
Tgt Ion: 93 Resp: 138989
Ion Ratio Lower Upper
93 100
66 79.7 40.9 61.3#
65 50.4 23.3 34.9#





#7
Phenol-d6
Concen: 136.600 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

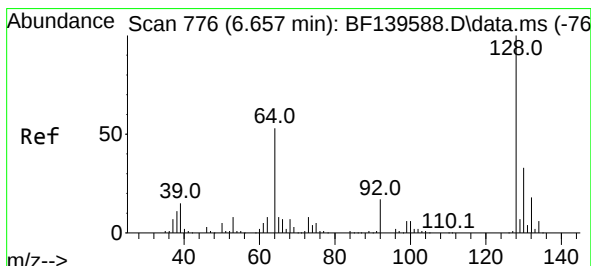
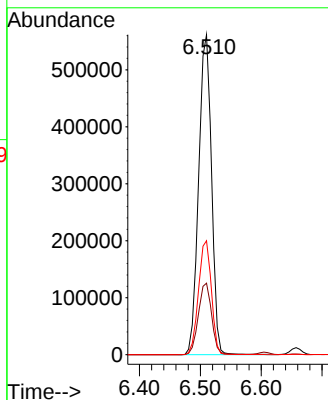
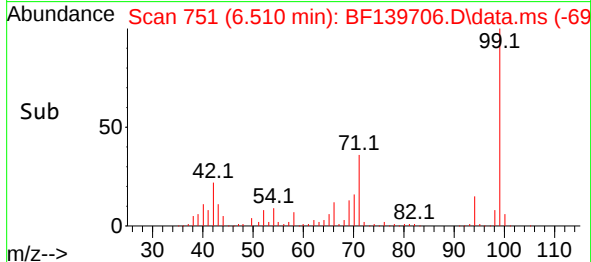
Instrument :
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Tgt Ion: 99 Resp: 82054
Ion Ratio Lower Upper
99 100
42 22.4 19.1 28.7
71 35.6 29.7 44.5

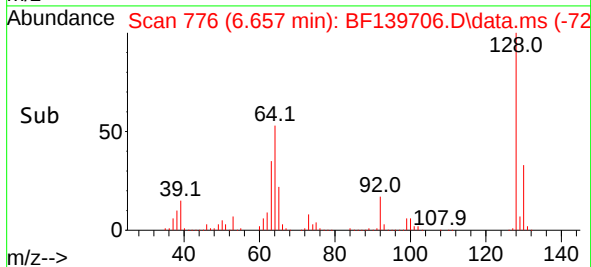
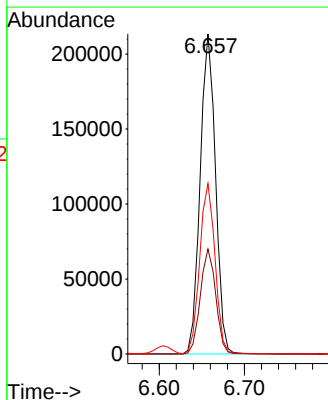
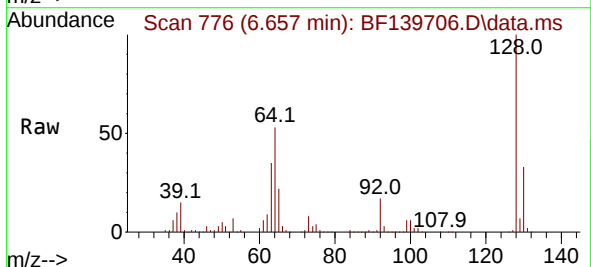
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#8
2-Chlorophenol
Concen: 55.768 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

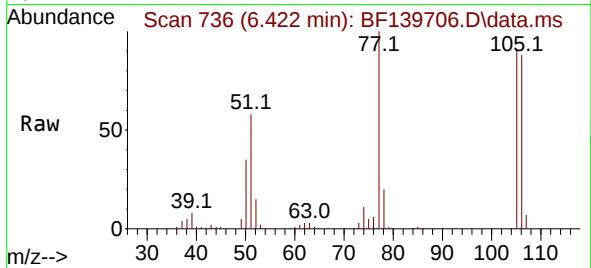
Tgt Ion:128 Resp: 266890
Ion Ratio Lower Upper
128 100
130 32.8 13.2 53.2
64 53.3 35.1 75.1





#9
Benzaldehyde
Concen: 12.374 ng
RT: 6.422 min Scan# 712
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

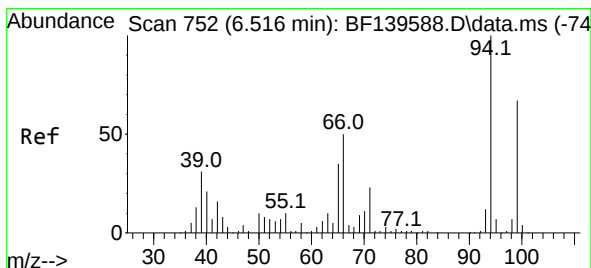
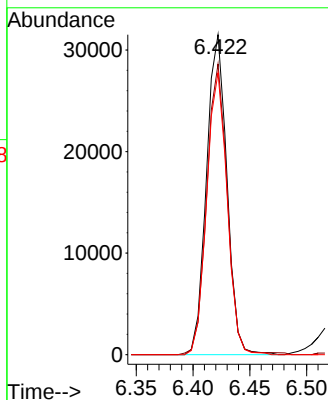
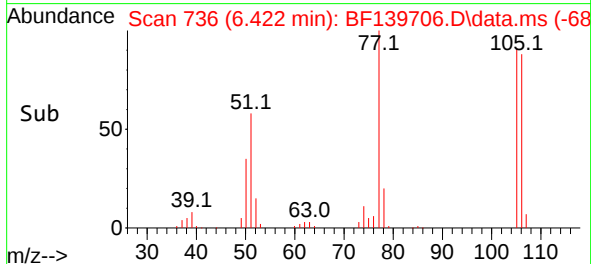
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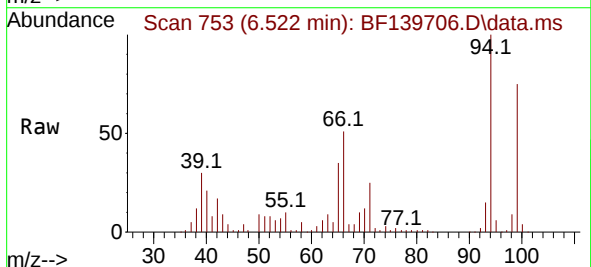
Tgt Ion: 77 Resp: 39375
Ion Ratio Lower Upper
77 100
105 90.9 72.7 112.7
106 88.1 70.1 110.1

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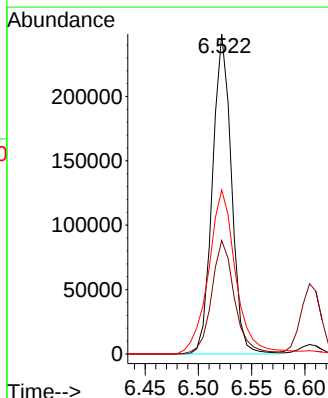
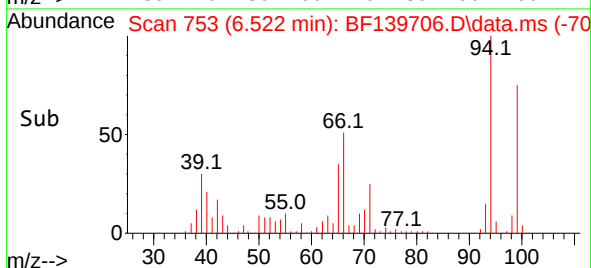
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#10
Phenol
Concen: 48.618 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion: 94 Resp: 307083
Ion Ratio Lower Upper
94 100
65 35.5 15.3 55.3
66 51.3 30.5 70.5





#11

bis(2-Chloroethyl)ether

Concen: 52.825 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion: 93 Resp: 27166

Ion Ratio Lower Upper

93 100

63 85.4 64.1 104.1

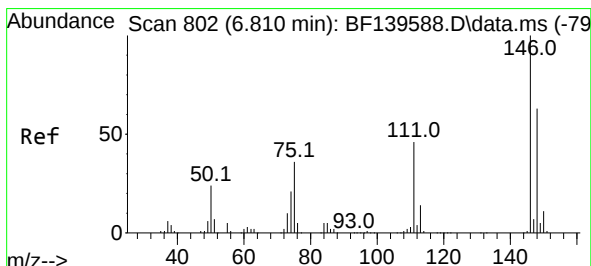
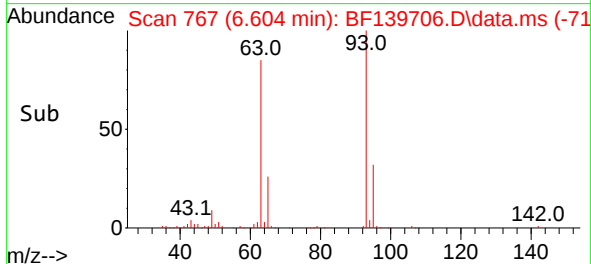
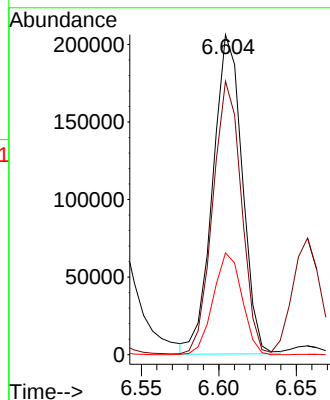
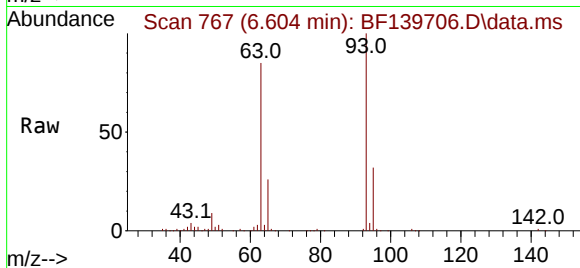
95 31.8 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#12

1,3-Dichlorobenzene

Concen: 52.022 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

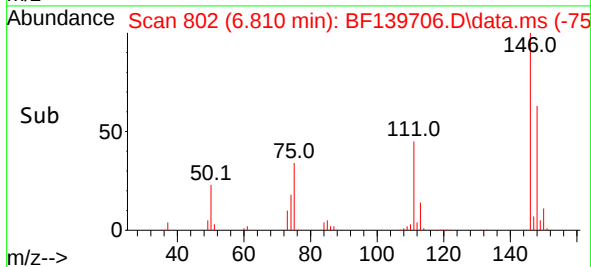
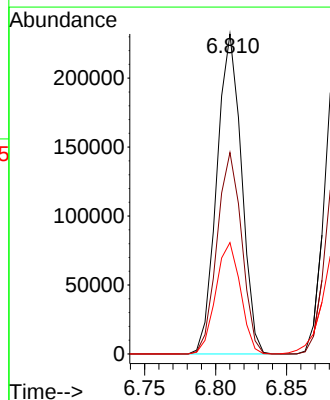
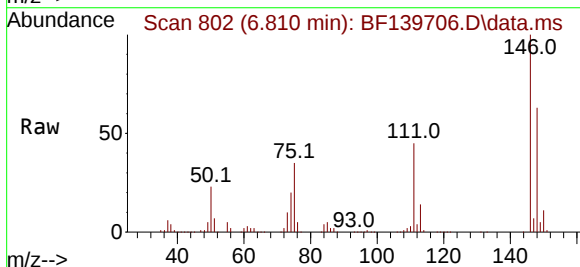
Tgt Ion:146 Resp: 280070

Ion Ratio Lower Upper

146 100

148 62.9 50.2 75.4

75 34.8 28.5 42.7





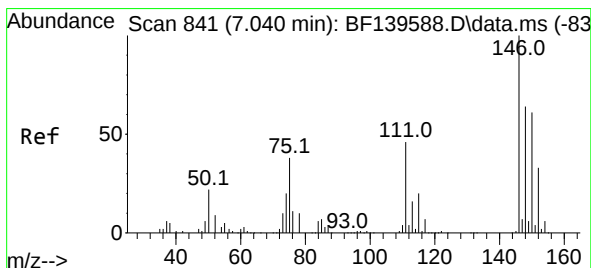
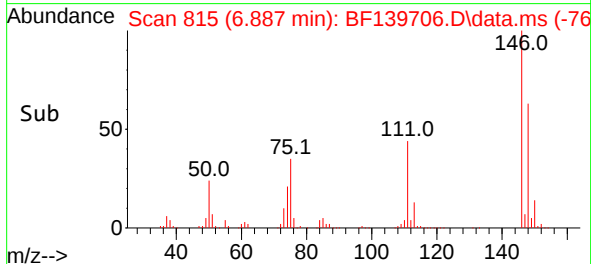
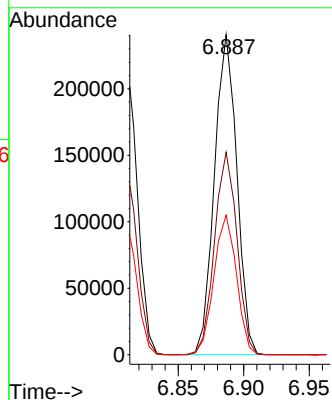
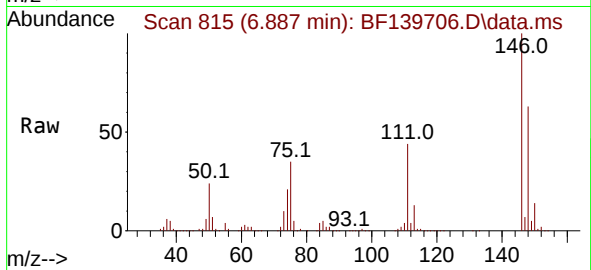
#13
1,4-Dichlorobenzene
Concen: 52.517 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:146 Resp: 286358
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 43.6 34.9 52.3

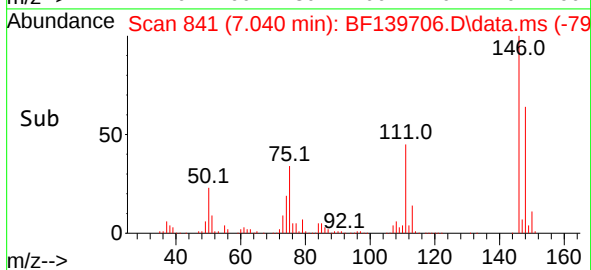
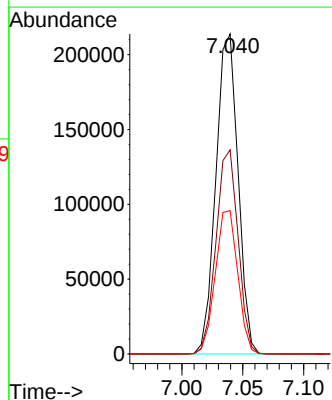
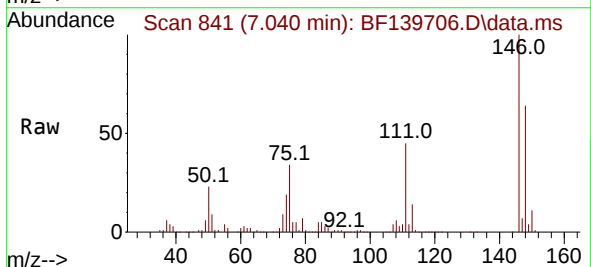
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 52.958 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

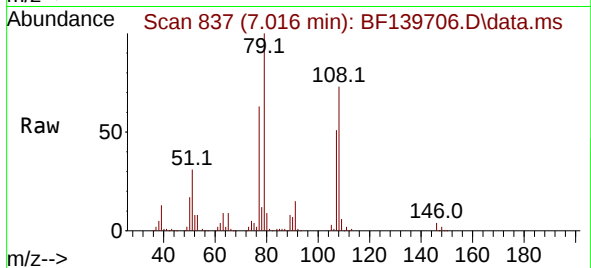
Tgt Ion:146 Resp: 270632
Ion Ratio Lower Upper
146 100
148 63.8 51.2 76.8
111 44.8 37.0 55.6





#15
Benzyl Alcohol
Concen: 55.831 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

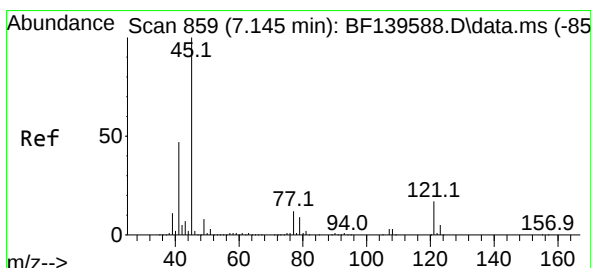
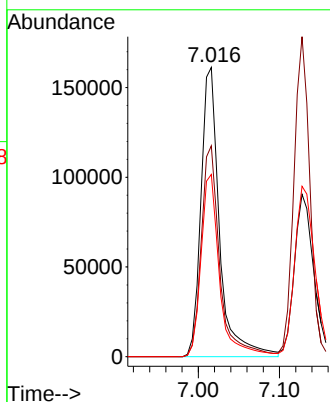
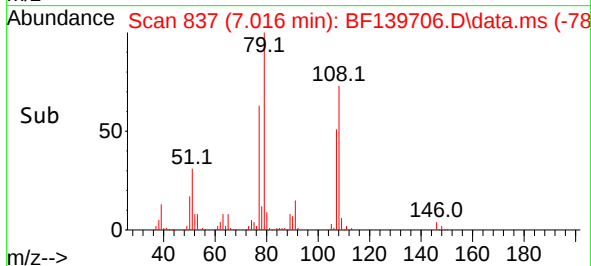
Instrument :
BNA_F
ClientSampleId :
IB-4MS



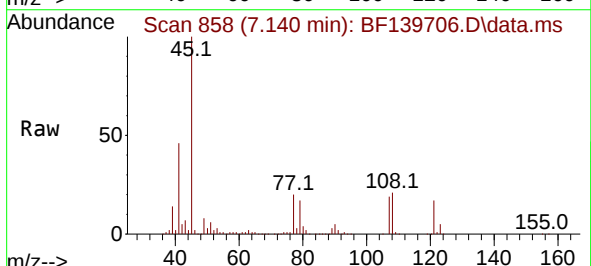
Tgt Ion: 79 Resp: 256240
Ion Ratio Lower Upper
79 100
108 72.9 55.1 82.7
77 63.0 50.8 76.2

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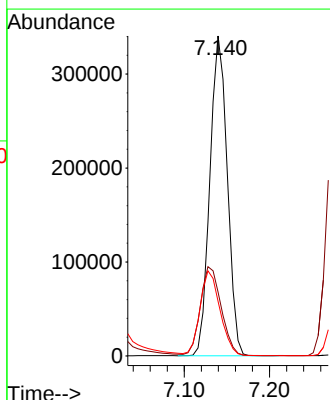
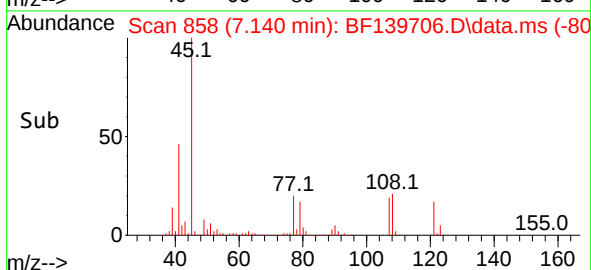
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

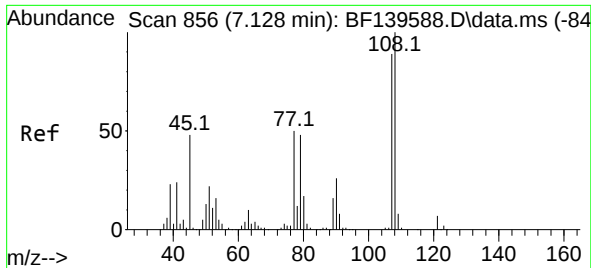


#16
2,2'-oxybis(1-Chloropropane)
Concen: 54.159 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



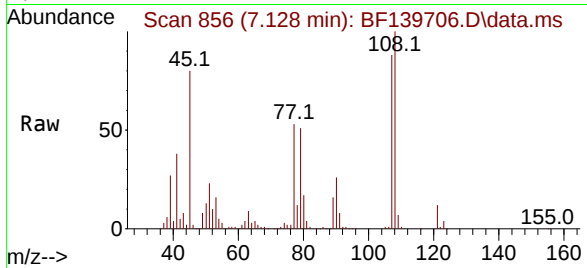
Tgt Ion: 45 Resp: 482181
Ion Ratio Lower Upper
45 100
77 20.0 0.0 32.5
79 17.1 0.0 29.7





#17
2-Methylphenol
Concen: 53.351 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

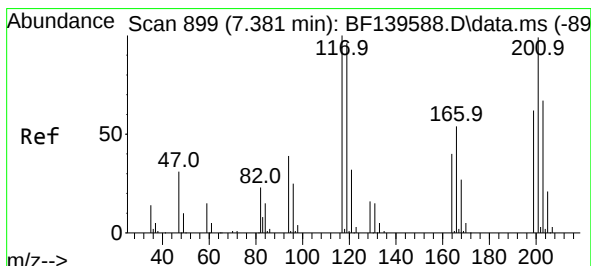
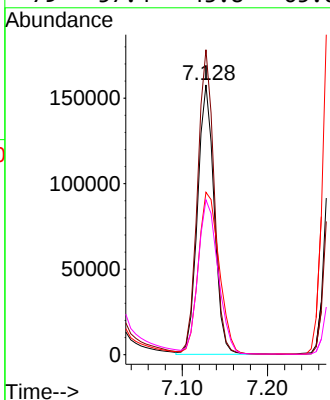
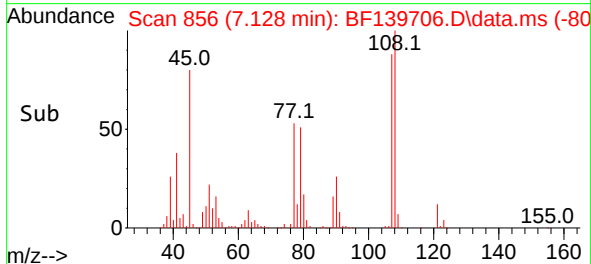
Instrument :
BNA_F
ClientSampleId :
IB-4MS



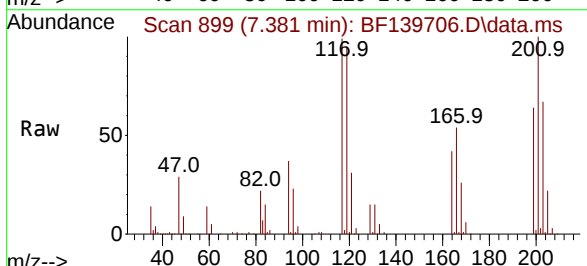
Tgt Ion:107 Resp: 213148
Ion Ratio Lower Upper
107 100
108 113.1 89.8 134.6
77 60.2 44.6 67.0
79 57.4 43.8 65.6

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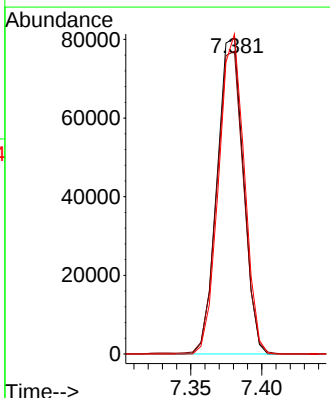
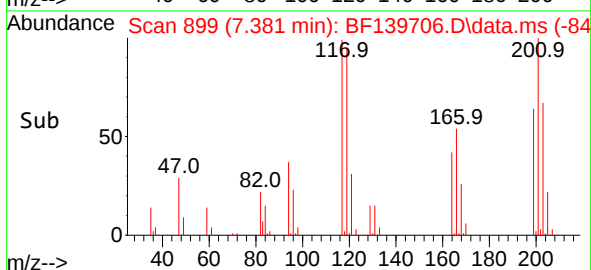
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

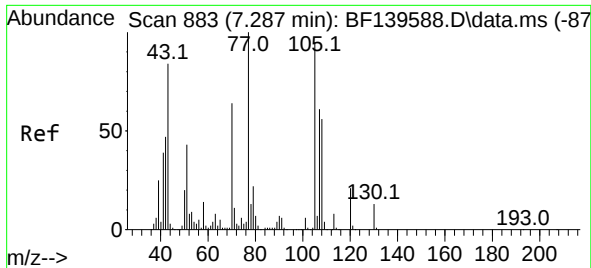


#18
Hexachloroethane
Concen: 50.767 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:117 Resp: 103251
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.6
201 101.3 79.2 118.8





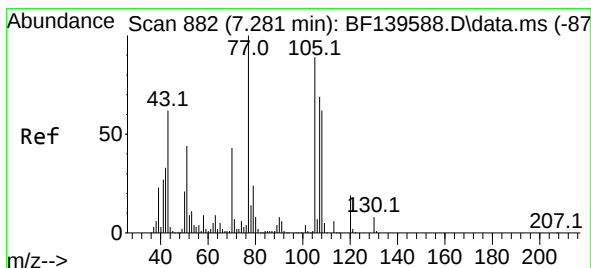
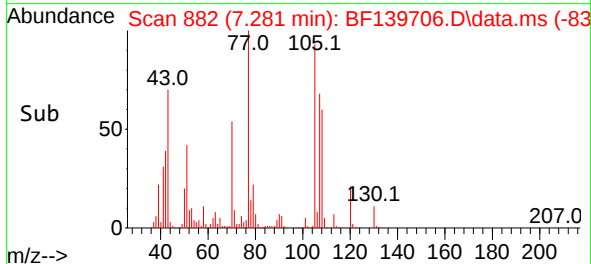
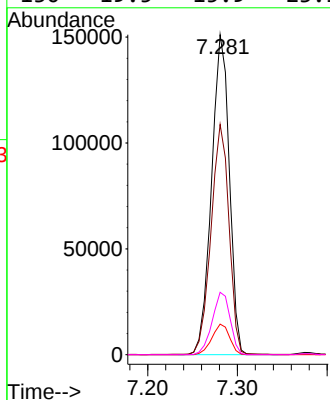
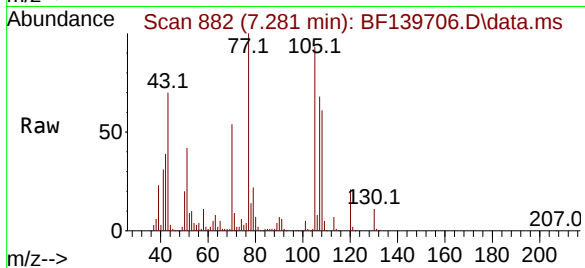
#19
n-Nitroso-di-n-propylamine
Concen: 53.895 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion: 70 Resp: 208138
Ion Ratio Lower Upper
70 100
42 71.9 58.0 87.0
101 9.5 7.8 11.8
130 19.5 15.9 23.9

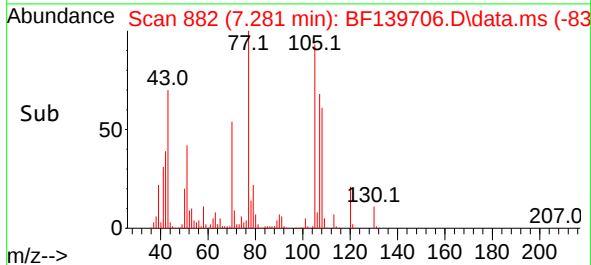
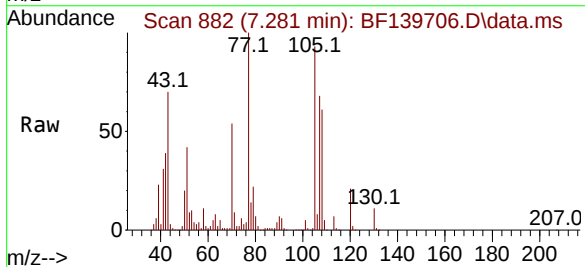
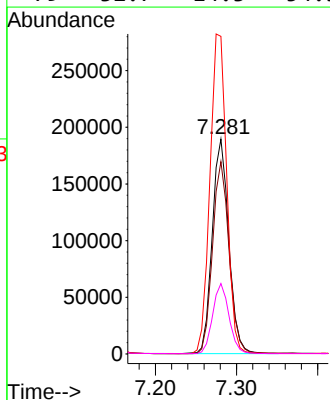
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 53.566 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:107 Resp: 268806
Ion Ratio Lower Upper
107 100
108 89.5 70.2 110.2
77 147.8 125.3 165.3
79 32.7 14.3 54.3





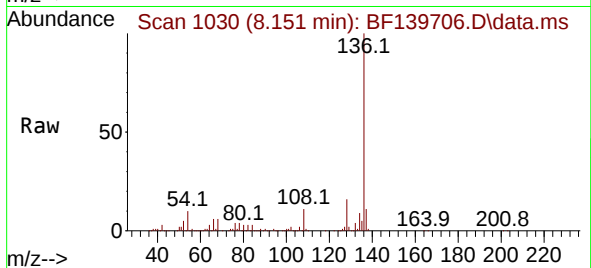
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



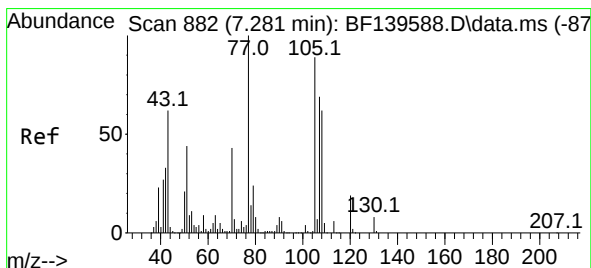
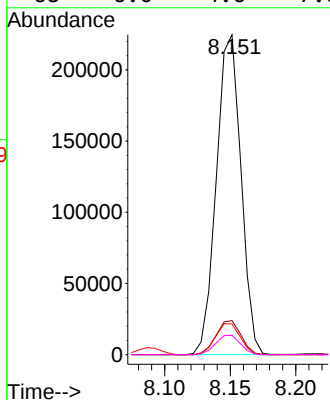
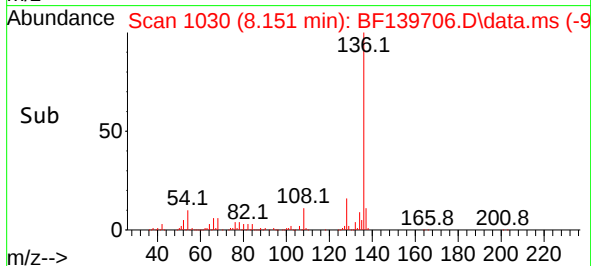
Tgt Ion:136 Resp: 29328
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 9.6 8.3 12.5
68 6.0 4.6 7.0

Manual Integrations

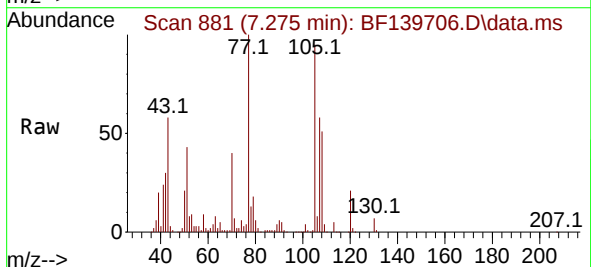
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

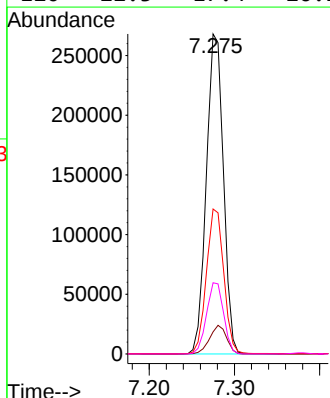
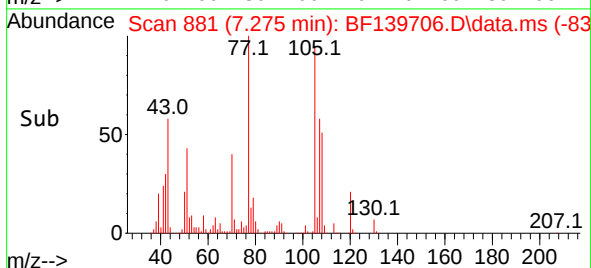
Supervised By :mohammad ahmed 10/10/2024

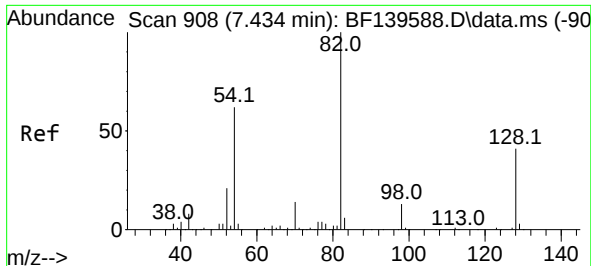


#22
Acetophenone
Concen: 53.670 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



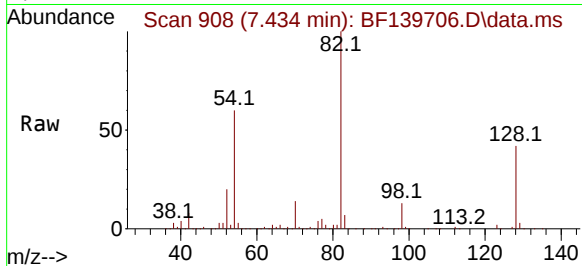
Tgt Ion:105 Resp: 373627
Ion Ratio Lower Upper
105 100
71 6.9 6.6 10.0
51 45.3 39.4 59.0
120 22.3 17.4 26.2





#23
Nitrobenzene-d5
Concen: 105.718 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

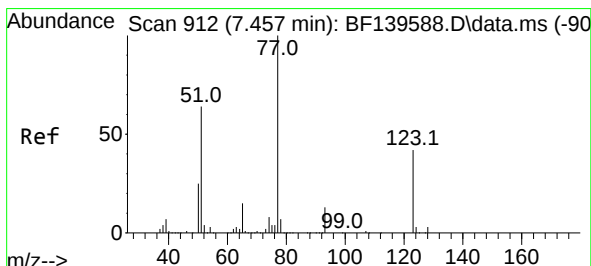
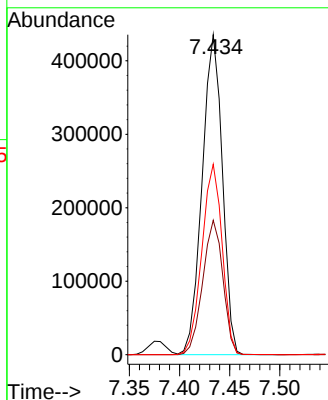
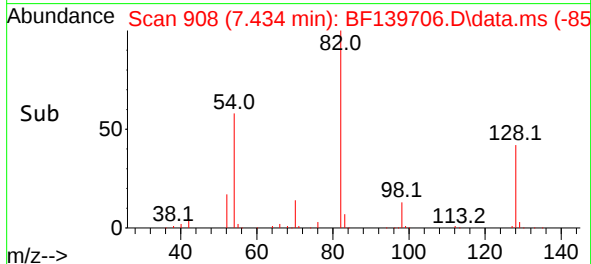
Instrument :
BNA_F
ClientSampleId :
IB-4MS



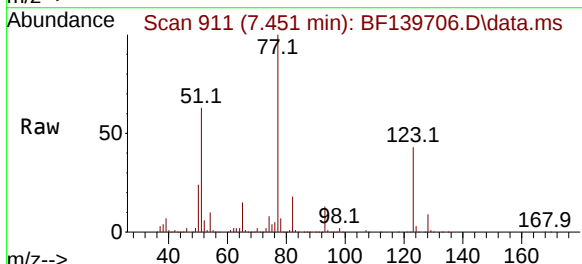
Tgt Ion: 82 Resp: 61238
Ion Ratio Lower Upper
82 100
128 42.0 32.4 48.6
54 59.5 49.1 73.7

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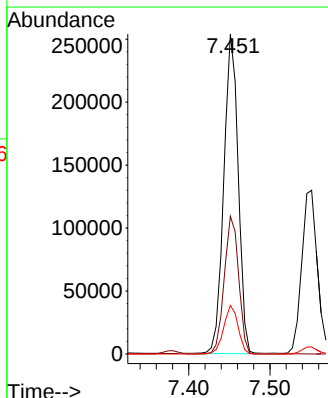
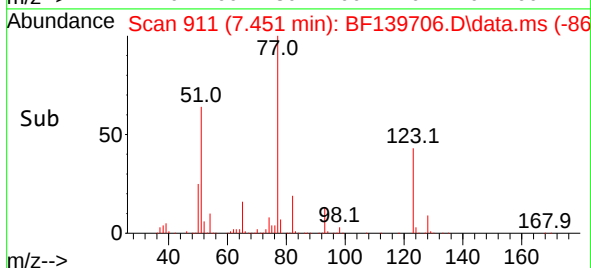
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

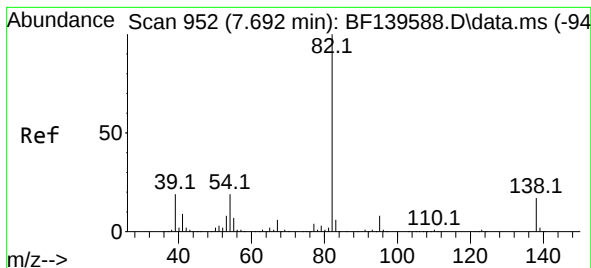


#24
Nitrobenzene
Concen: 52.357 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion: 77 Resp: 314052
Ion Ratio Lower Upper
77 100
123 43.0 34.2 51.4
65 15.2 12.1 18.1





#25

Isophorone

Concen: 54.694 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion: 82 Resp: 562710

Ion Ratio Lower Upper

82 100

95 7.4 6.1 9.1

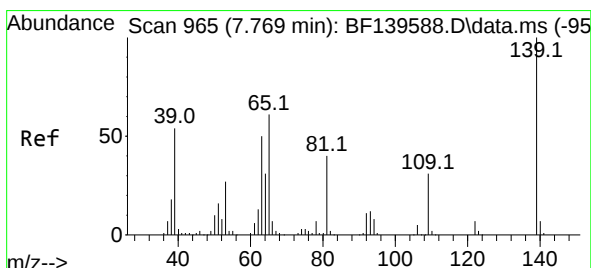
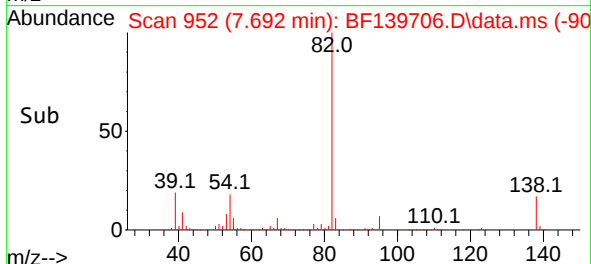
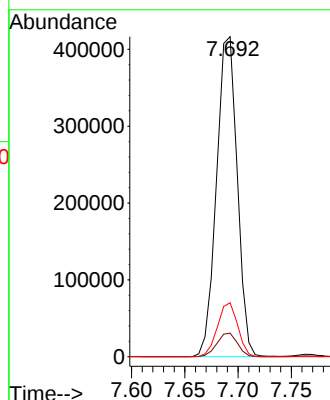
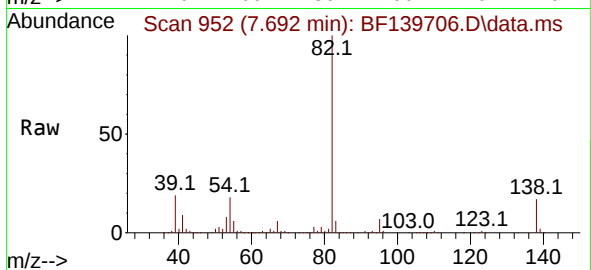
138 16.9 13.4 20.2

Manual Integrations

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Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#26

2-Nitrophenol

Concen: 54.283 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

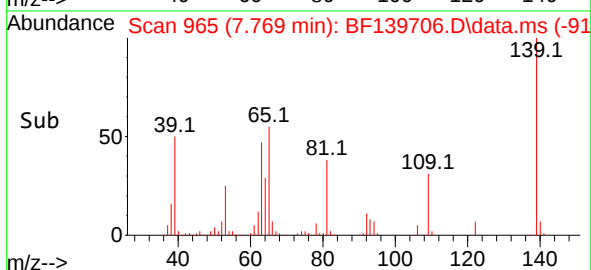
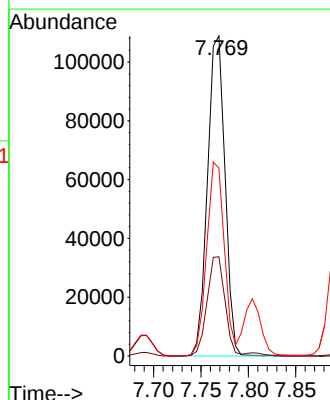
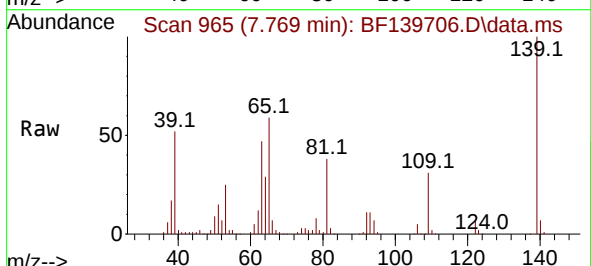
Tgt Ion:139 Resp: 139976

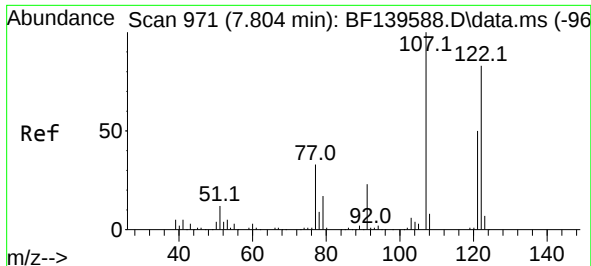
Ion Ratio Lower Upper

139 100

109 31.0 24.9 37.3

65 58.7 48.6 72.8





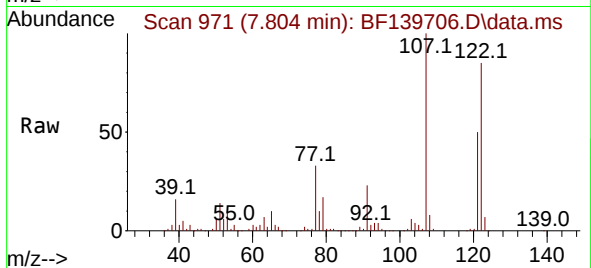
#27
2,4-Dimethylphenol
Concen: 66.548 ng
RT: 7.804 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



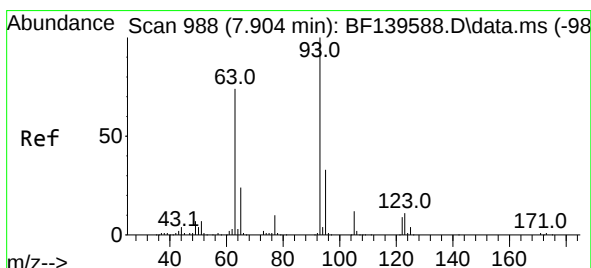
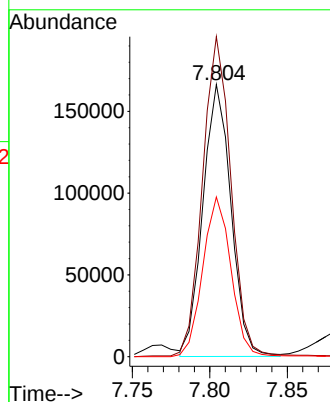
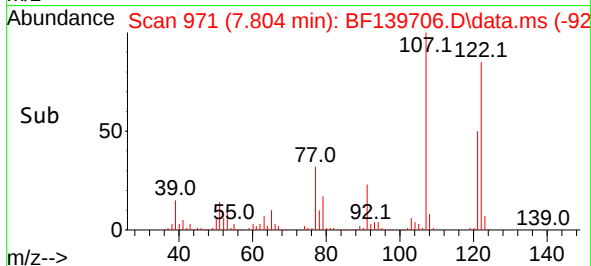
Tgt Ion:122 Resp: 210075
Ion Ratio Lower Upper
122 100
107 117.6 95.4 143.0
121 58.7 47.4 71.2

Manual Integrations

APPROVED

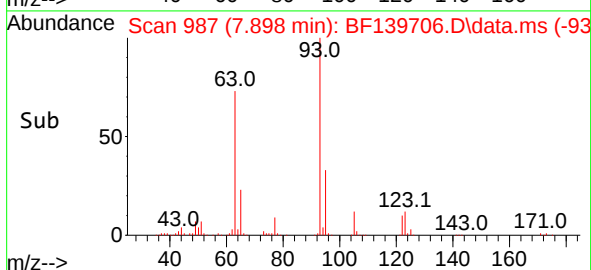
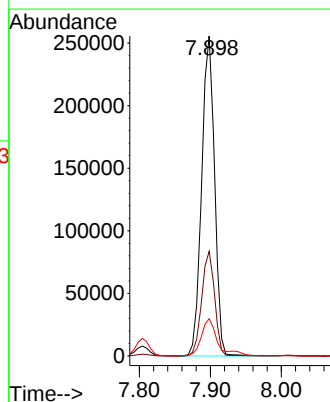
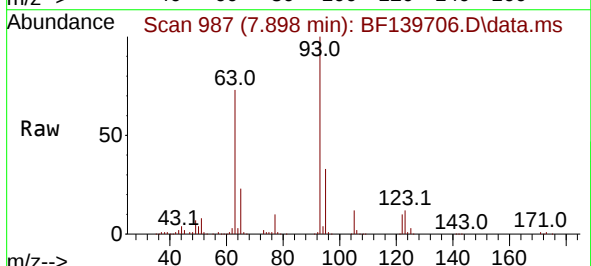
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#28
bis(2-Chloroethoxy)methane
Concen: 52.862 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion: 93 Resp: 324765
Ion Ratio Lower Upper
93 100
95 32.7 26.5 39.7
123 11.7 9.4 14.0





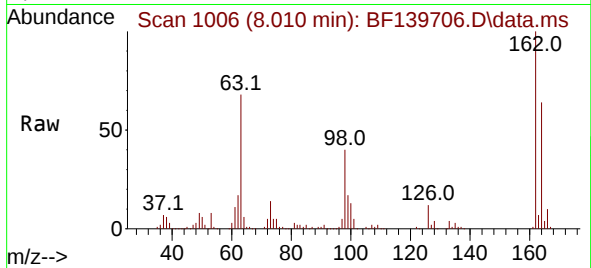
#29
2,4-Dichlorophenol
Concen: 54.744 ng
RT: 8.010 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



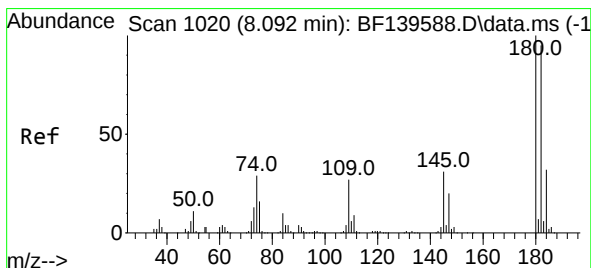
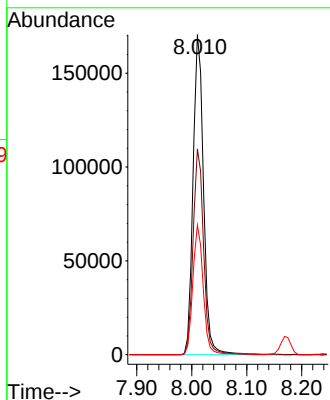
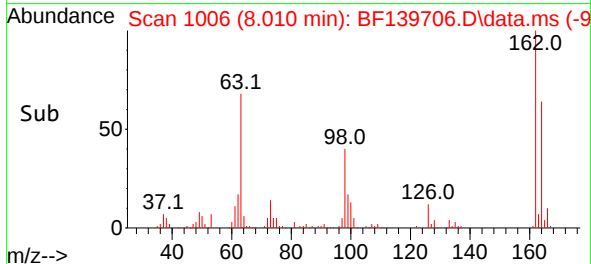
Tgt Ion:162 Resp: 225408
Ion Ratio Lower Upper
162 100
164 64.3 43.1 83.1
98 40.5 20.8 60.8

Manual Integrations

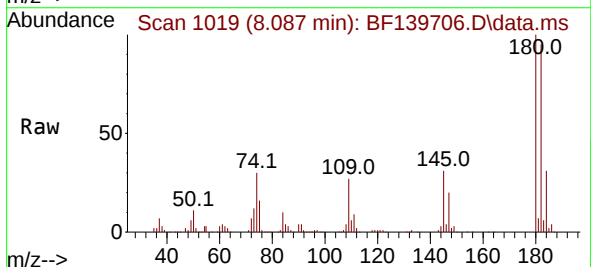
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

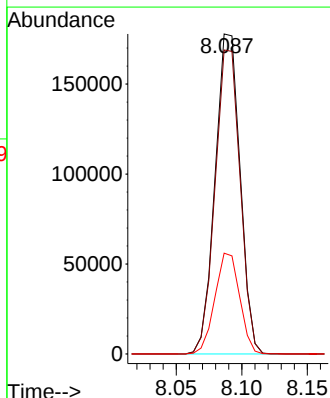
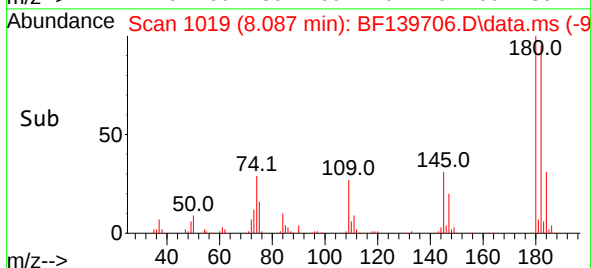
Supervised By :mohammad ahmed 10/10/2024

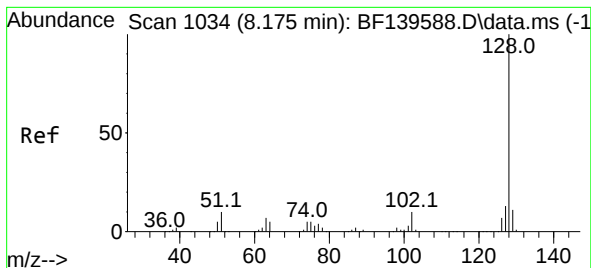


#30
1,2,4-Trichlorobenzene
Concen: 50.637 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:180 Resp: 235792
Ion Ratio Lower Upper
180 100
182 95.0 76.0 114.0
145 31.5 25.0 37.6





#31

Naphthalene

Concen: 52.882 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:128 Resp: 79297

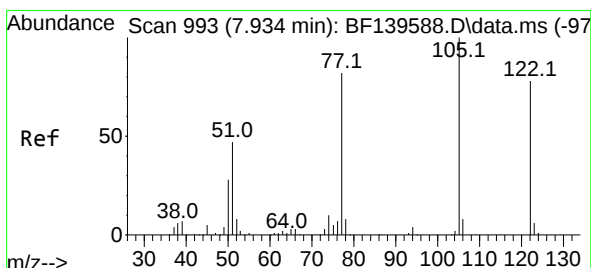
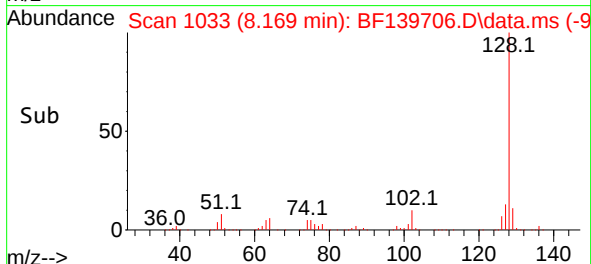
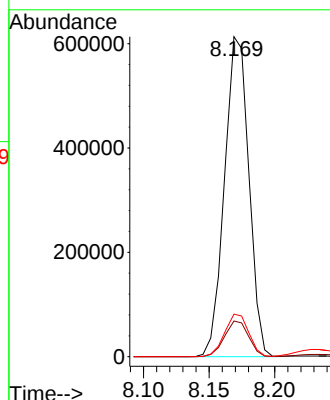
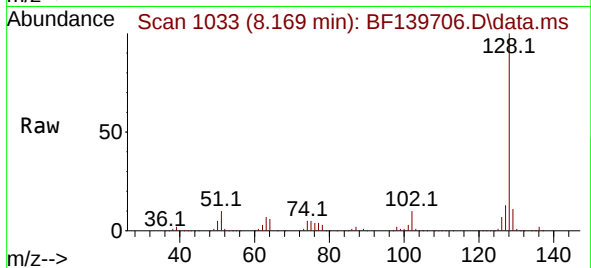
Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.8	13.2
127	13.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#32

Benzoic acid

Concen: 51.152 ng

RT: 7.934 min Scan# 993

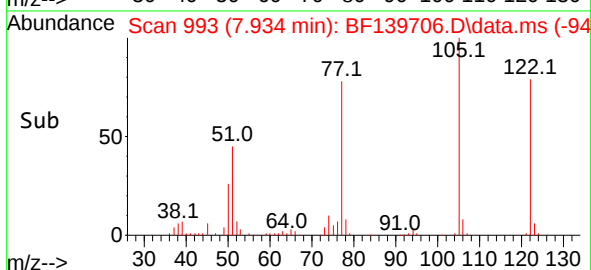
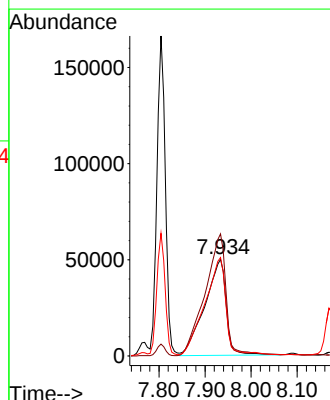
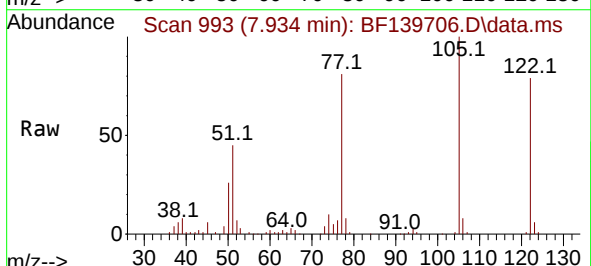
Delta R.T. -0.000 min

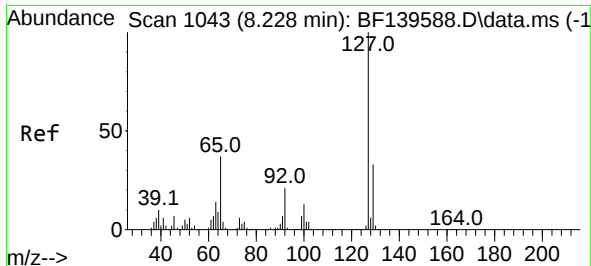
Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Tgt Ion:122 Resp: 160563

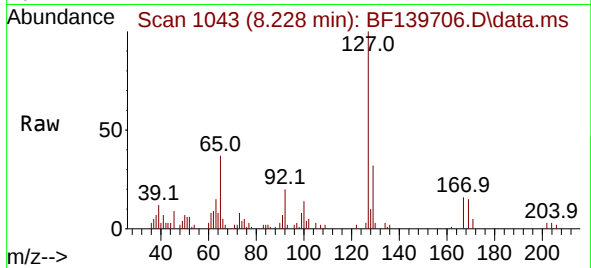
Ion	Ratio	Lower	Upper
122	100		
105	126.4	104.9	144.9
77	101.7	82.7	122.7





#33
4-Chloroaniline
Concen: 8.720 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

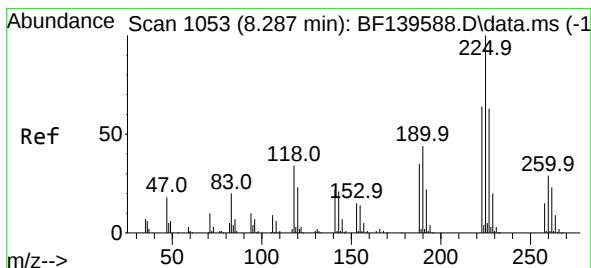
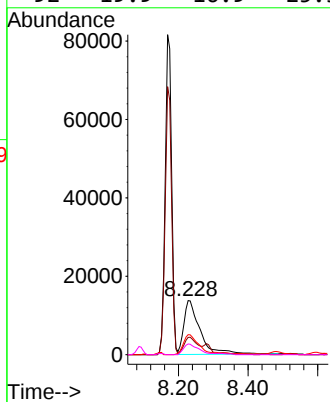
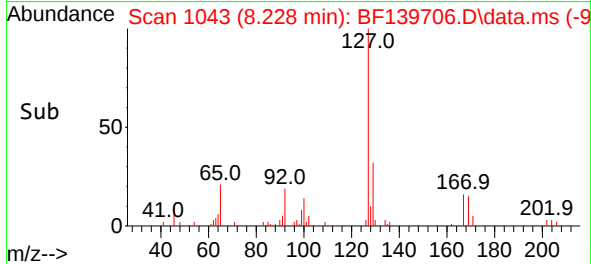
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:127 Resp: 4426
Ion Ratio Lower Upper
127 100
129 31.8 26.2 39.4
65 37.1 29.3 43.9
92 19.9 16.9 25.3

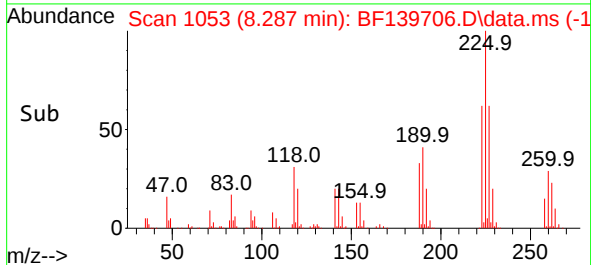
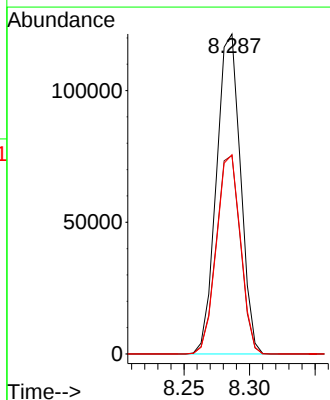
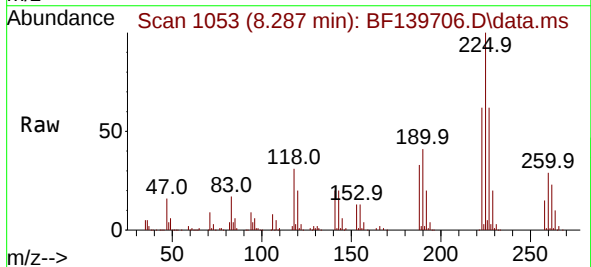
Manual Integrations
APPROVED

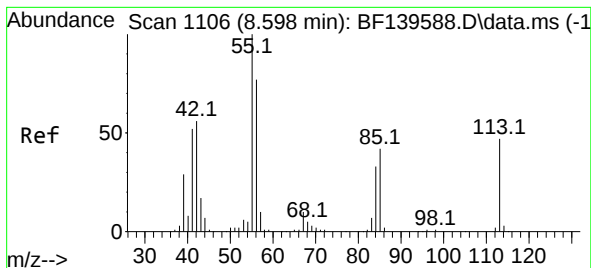
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#34
Hexachlorobutadiene
Concen: 51.369 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:225 Resp: 154794
Ion Ratio Lower Upper
225 100
223 62.1 50.9 76.3
227 62.2 50.7 76.1





#35

Caprolactam

Concen: 47.855 ng m

RT: 8.592 min Scan# 1106

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

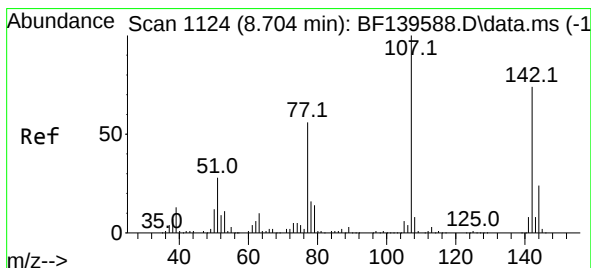
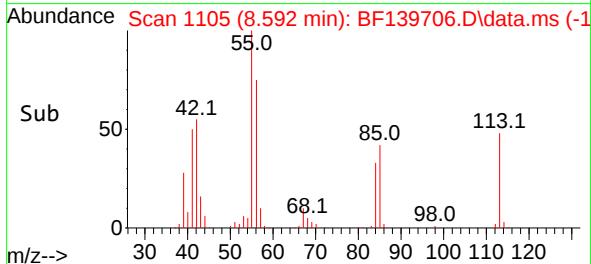
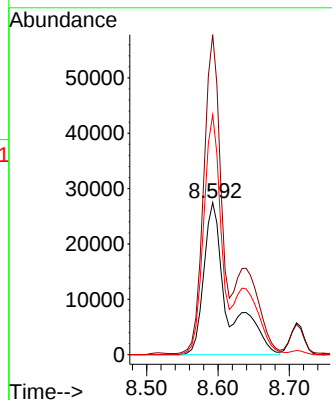
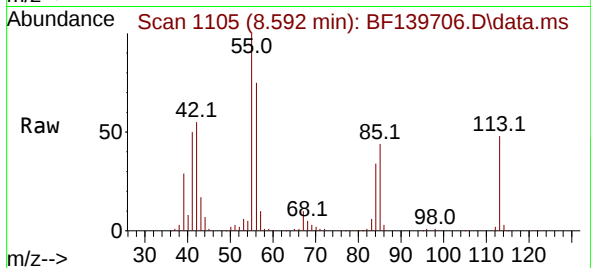
Tgt Ion:	113	Resp:	64628
Ion Ratio	Lower	Upper	
113	100		
55	210.4	193.4	233.4
56	157.7	143.8	183.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#36

4-Chloro-3-methylphenol

Concen: 52.935 ng

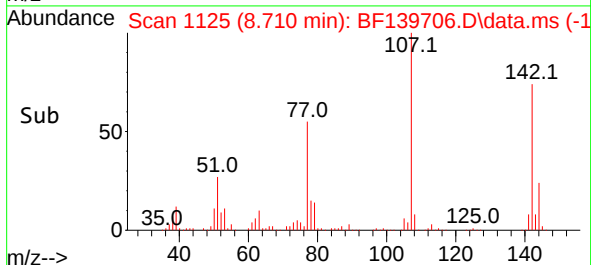
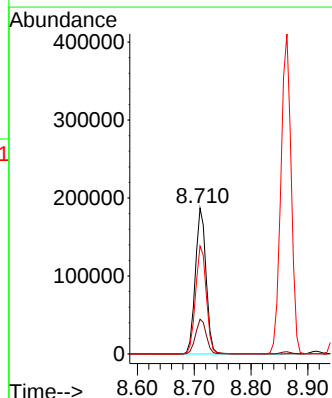
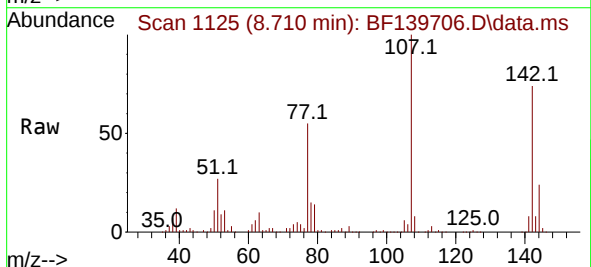
RT: 8.710 min Scan# 1125

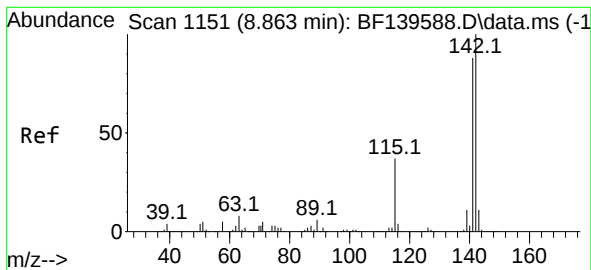
Delta R.T. 0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Tgt Ion:	107	Resp:	246734
Ion Ratio	Lower	Upper	
107	100		
144	23.8	19.0	28.6
142	74.2	59.2	88.8





#37
2-Methylnaphthalene
Concen: 52.956 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

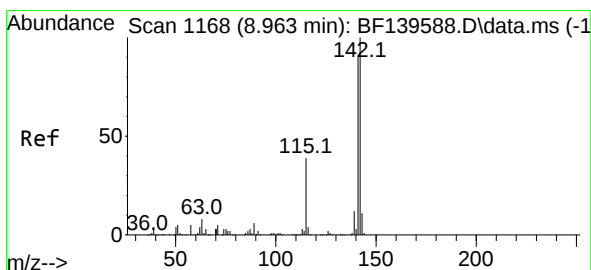
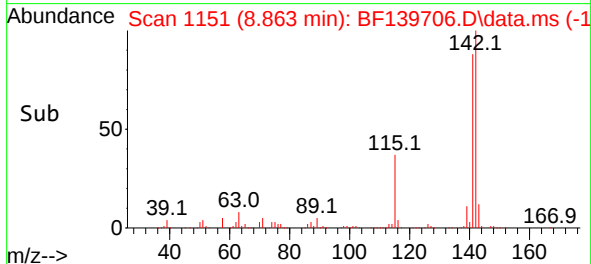
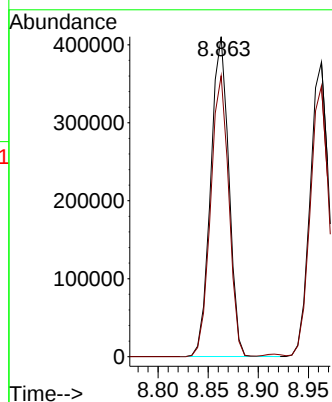
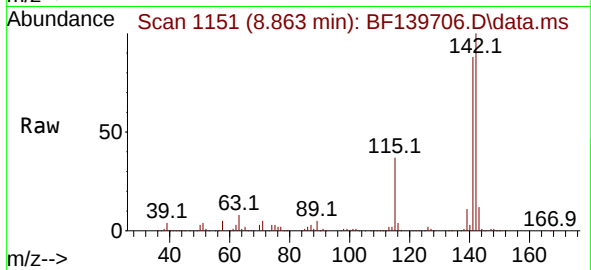
IB-4MS

Tgt Ion:142 Resp: 517170
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6

Manual Integrations

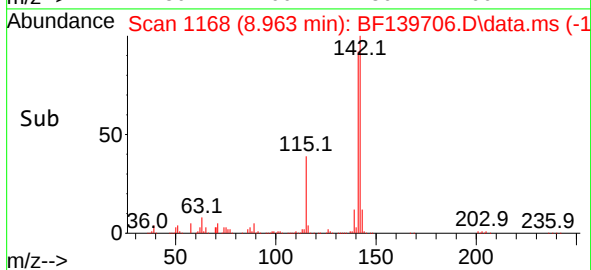
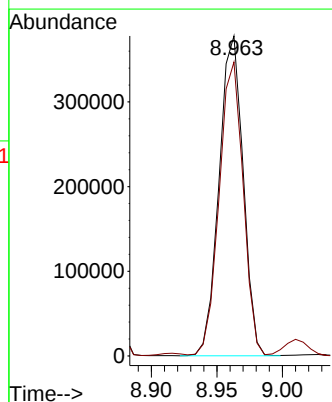
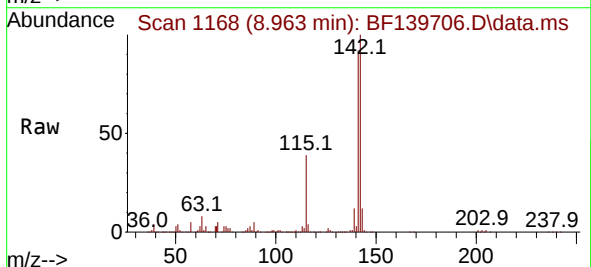
APPROVED

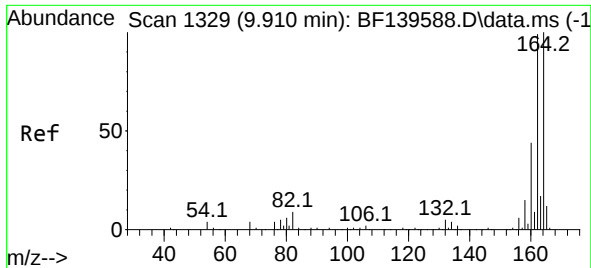
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#38
1-Methylnaphthalene
Concen: 50.397 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:142 Resp: 481098
Ion Ratio Lower Upper
142 100
141 91.9 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:164 Resp: 160654

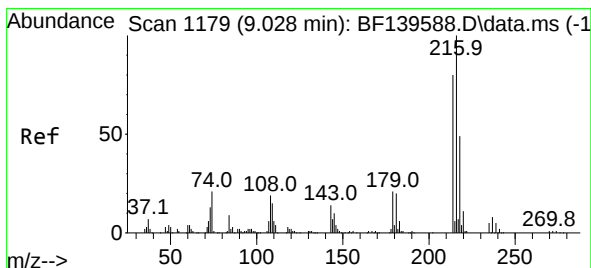
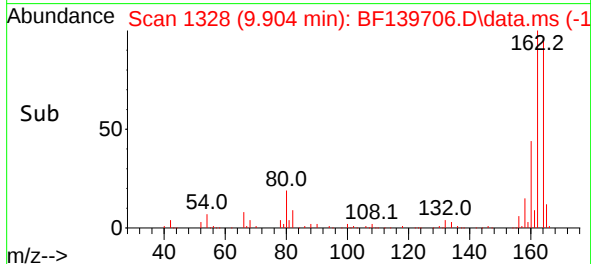
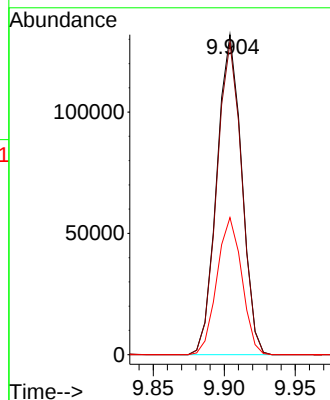
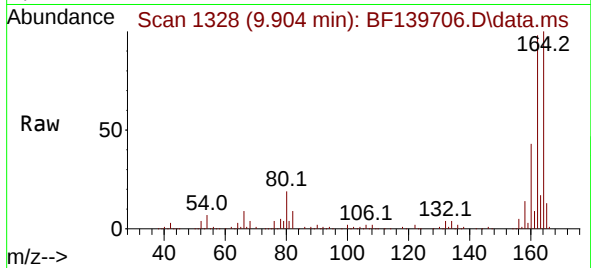
Ion	Ratio	Lower	Upper
164	100		
162	97.5	79.4	119.0
160	42.8	35.1	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 54.647 ng

RT: 9.028 min Scan# 1179

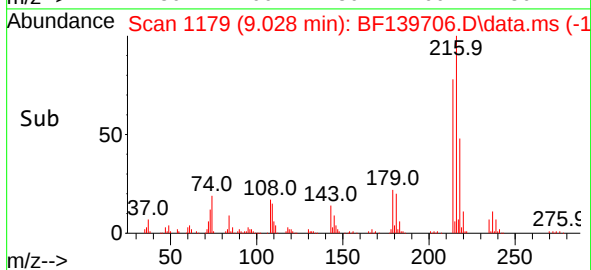
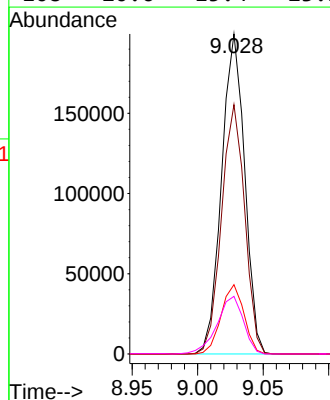
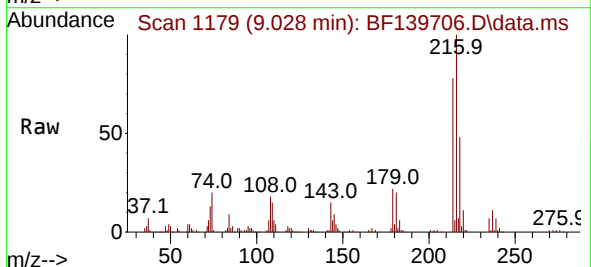
Delta R.T. -0.000 min

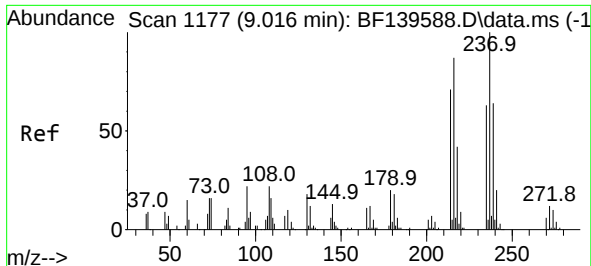
Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Tgt Ion:216 Resp: 243789

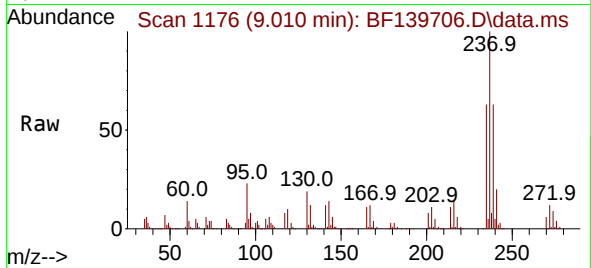
Ion	Ratio	Lower	Upper
216	100		
214	78.2	63.7	95.5
179	21.5	16.9	25.3
108	20.6	15.4	23.2





#41
Hexachlorocyclopentadiene
Concen: 151.275 ng
RT: 9.010 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

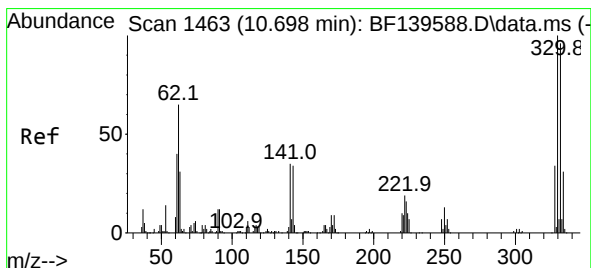
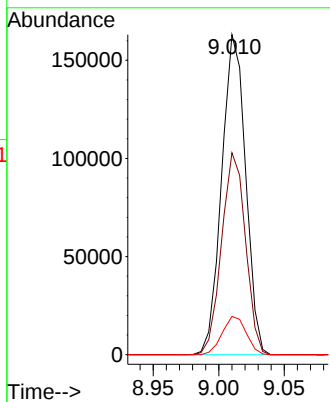
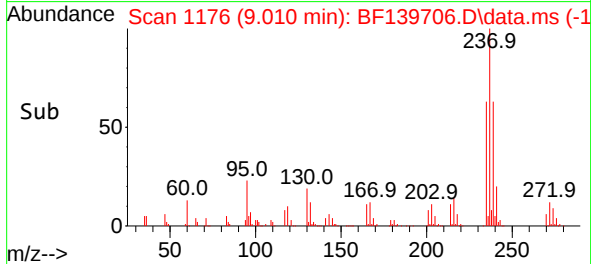
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:237 Resp: 206929
Ion Ratio Lower Upper
237 100
235 63.1 42.5 82.5
272 11.9 0.0 32.1

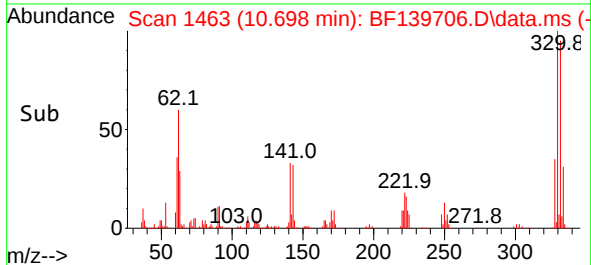
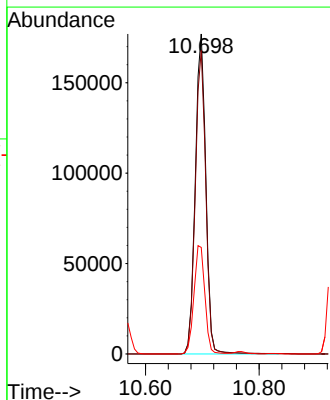
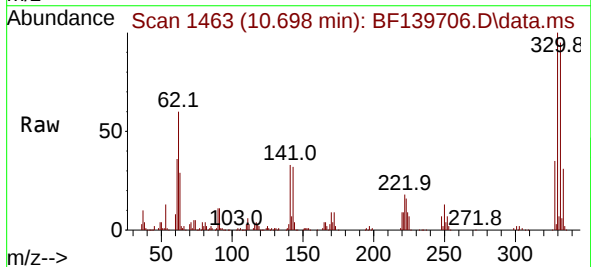
Manual Integrations
APPROVED

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



#42
2,4,6-Tribromophenol
Concen: 147.897 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

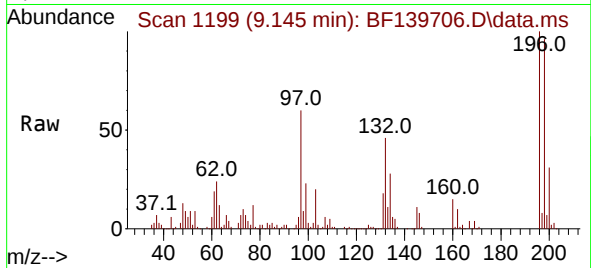
Tgt Ion:330 Resp: 229367
Ion Ratio Lower Upper
330 100
332 95.0 76.5 114.7
141 35.1 29.3 43.9





#43
2,4,6-Trichlorophenol
Concen: 54.616 ng
RT: 9.145 min Scan# 1198
Delta R.T. 0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

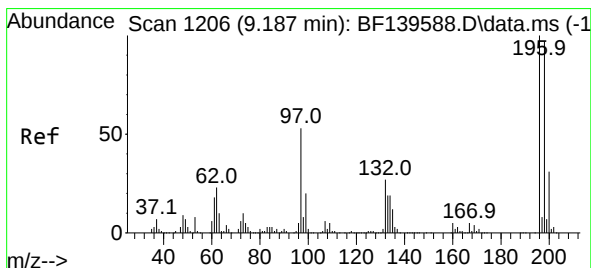
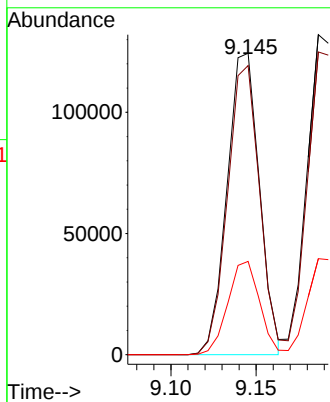
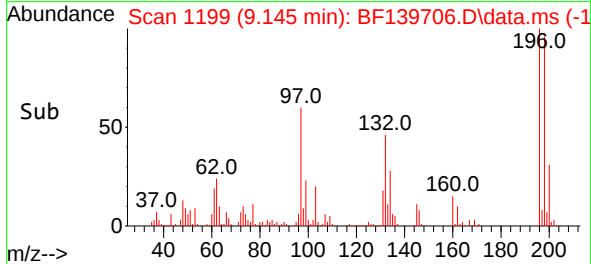
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:196 Resp: 164250
Ion Ratio Lower Upper
196 100
198 95.9 75.2 112.8
200 30.9 24.6 37.0

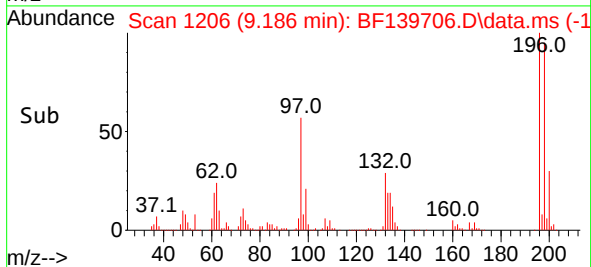
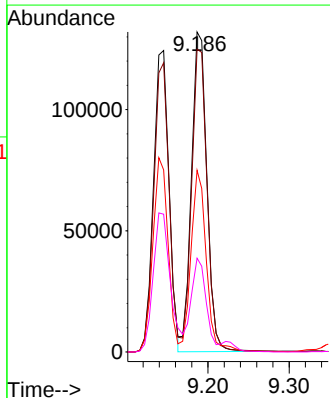
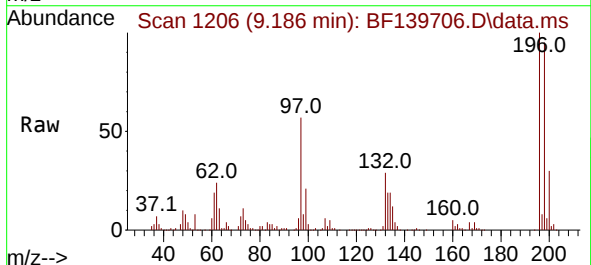
Manual Integrations
APPROVED

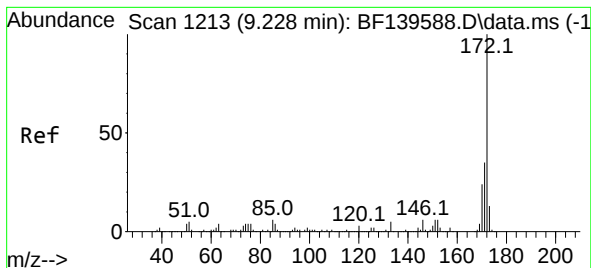
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#44
2,4,5-Trichlorophenol
Concen: 53.877 ng
RT: 9.186 min Scan# 1206
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:196 Resp: 174735
Ion Ratio Lower Upper
196 100
198 94.6 77.5 116.3
97 56.7 43.1 64.7
132 29.3 22.2 33.4





#45

2-Fluorobiphenyl

Concen: 105.299 ng

RT: 9.222 min Scan# 110193

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:172 Resp: 110193

Ion Ratio Lower Upper

172 100

171 35.2 28.2 42.4

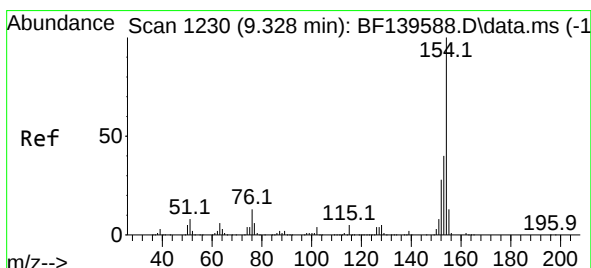
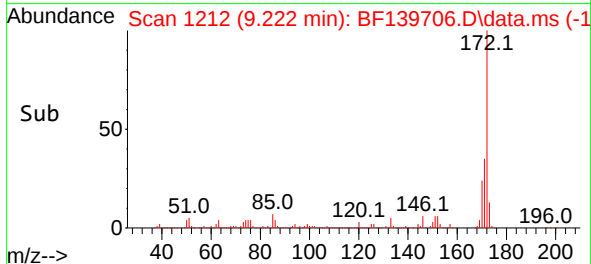
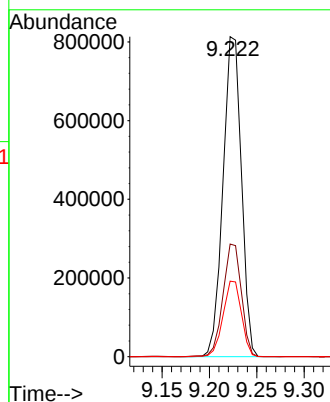
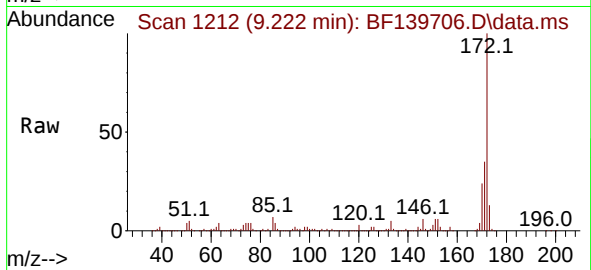
170 23.6 18.8 28.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#46

1,1'-Biphenyl

Concen: 54.076 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

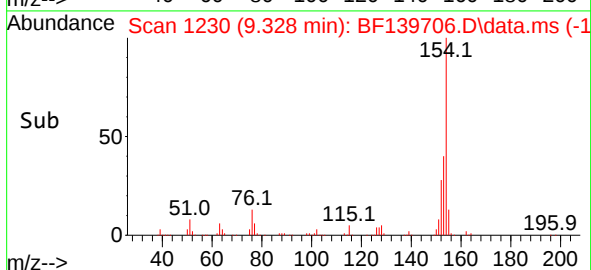
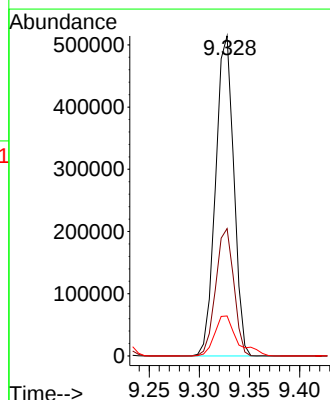
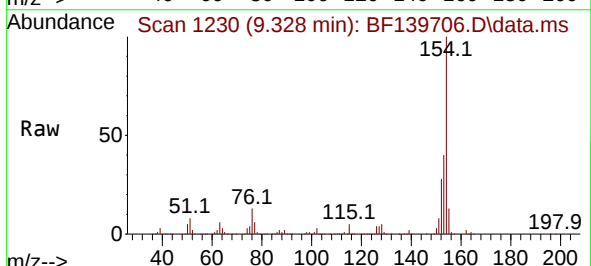
Tgt Ion:154 Resp: 646147

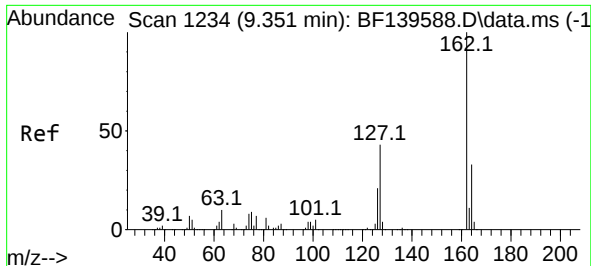
Ion Ratio Lower Upper

154 100

153 39.8 20.1 60.1

76 12.5 0.0 32.6





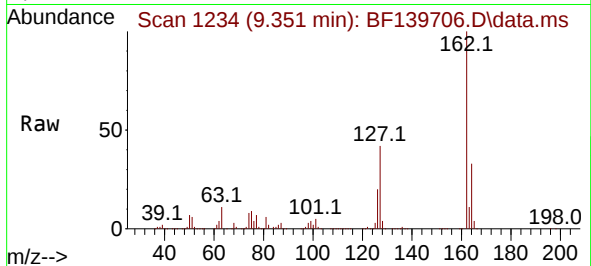
#47
2-Chloronaphthalene
Concen: 53.887 ng
RT: 9.351 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



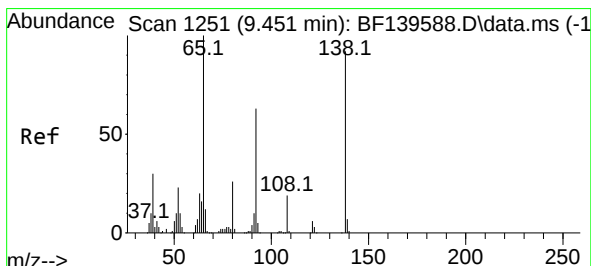
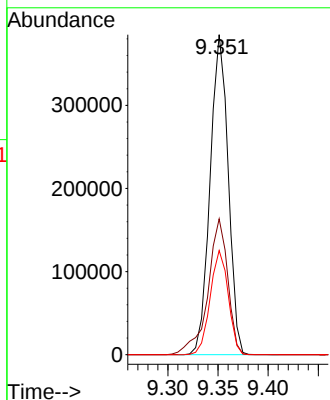
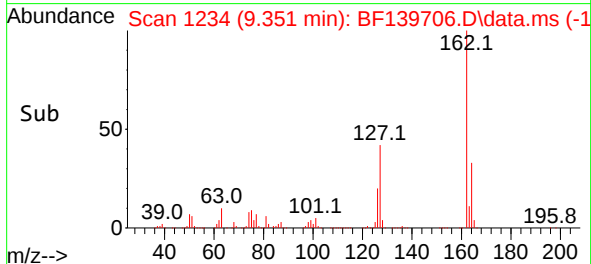
Tgt Ion:162 Resp: 482712
Ion Ratio Lower Upper
162 100
127 42.4 35.0 52.4
164 32.6 26.1 39.1

Manual Integrations

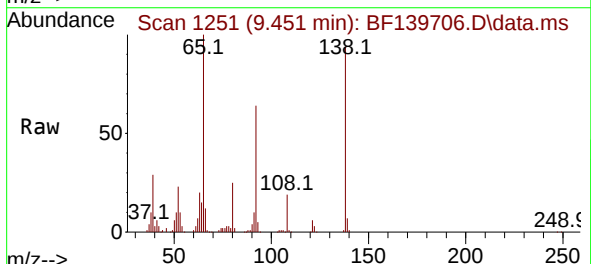
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

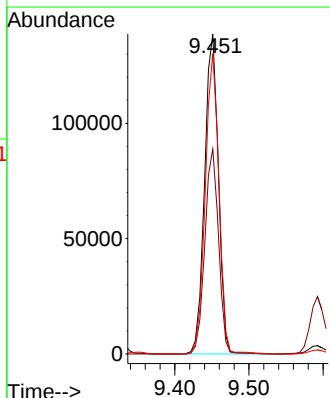
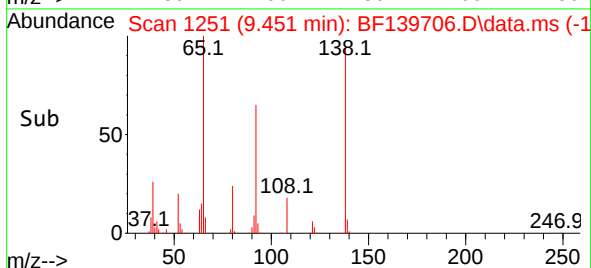
Supervised By :mohammad ahmed 10/10/2024



#48
2-Nitroaniline
Concen: 55.900 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion: 65 Resp: 179750
Ion Ratio Lower Upper
65 100
92 64.1 50.0 75.0
138 93.8 73.8 110.8





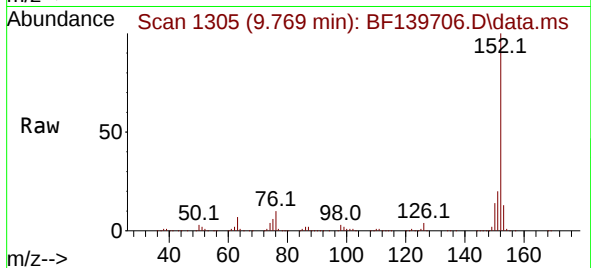
#49
Acenaphthylene
Concen: 57.930 ng
RT: 9.769 min Scan# 1305
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



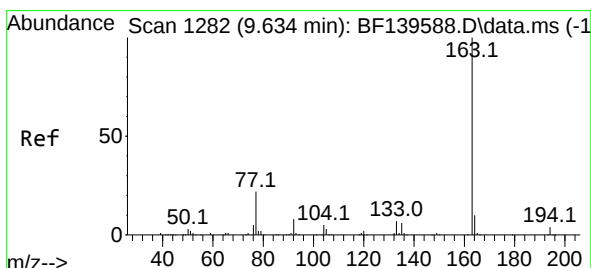
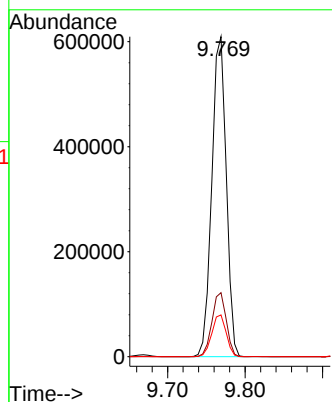
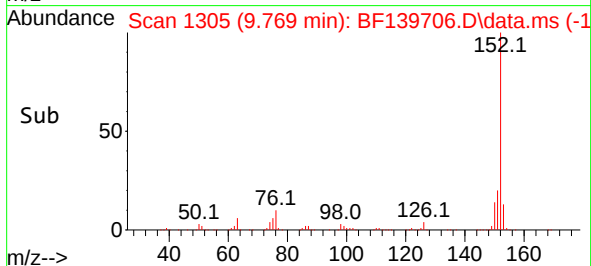
Tgt Ion:152 Resp: 789170
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.1 10.5 15.7

Manual Integrations

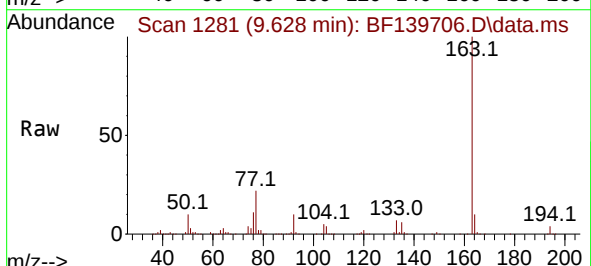
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

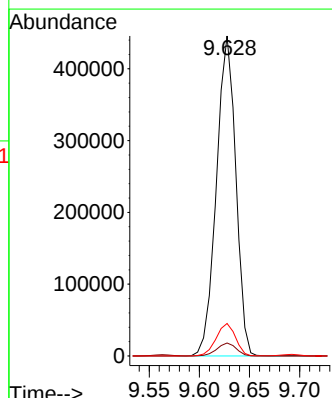
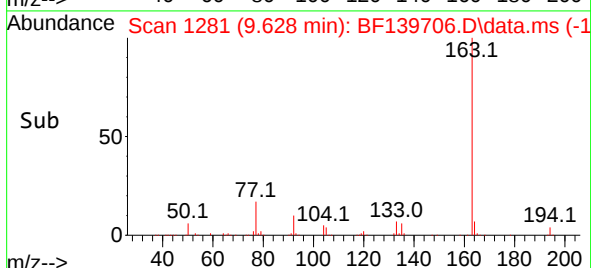
Supervised By :mohammad ahmed 10/10/2024

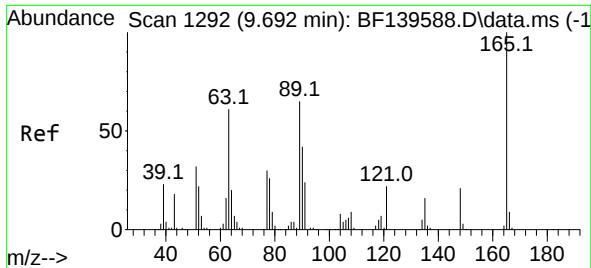


#50
Dimethylphthalate
Concen: 56.856 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:163 Resp: 597933
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.1 12.1





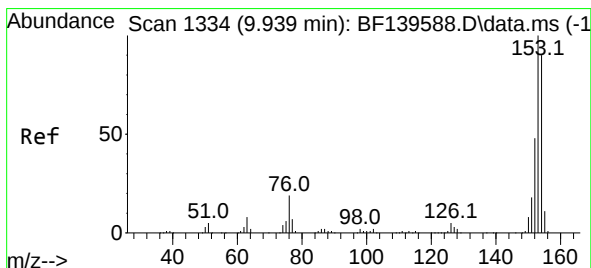
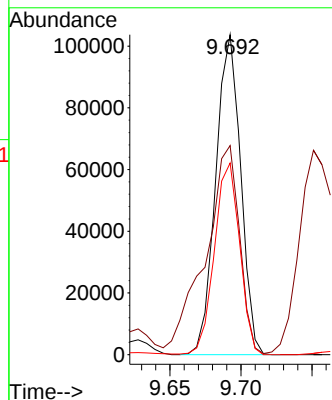
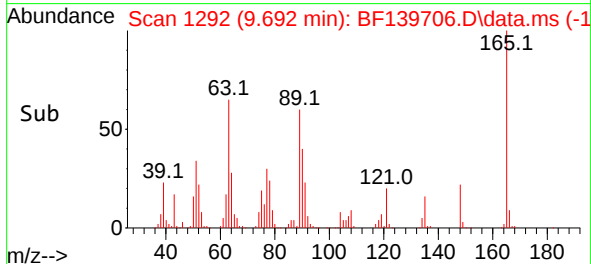
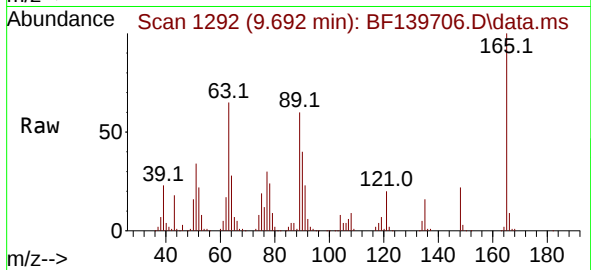
#51
2,6-Dinitrotoluene
Concen: 53.297 ng
RT: 9.692 min Scan# 1292
Delta R.T. 0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:165 Resp: 126610
Ion Ratio Lower Upper
165 100
63 65.4 56.7 85.1
89 59.9 51.6 77.4

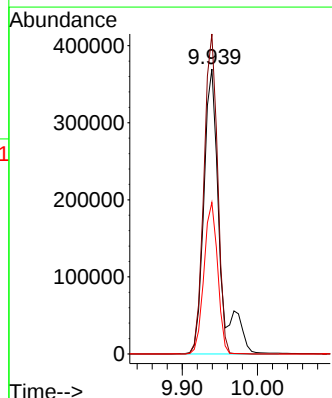
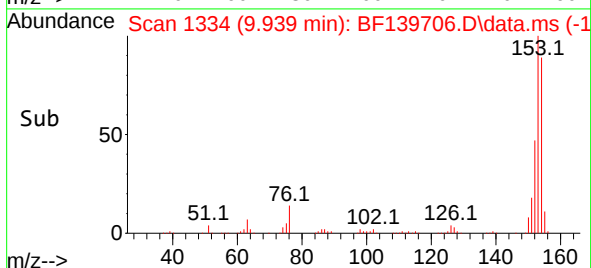
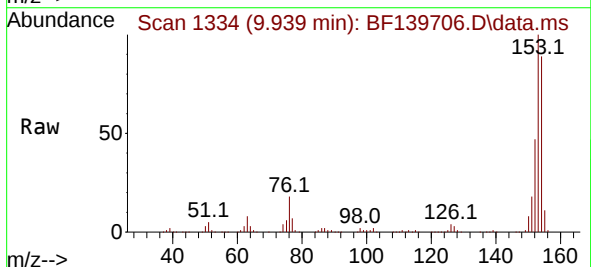
Manual Integrations
APPROVED

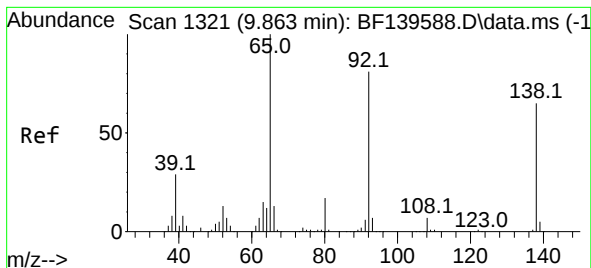
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#52
Acenaphthene
Concen: 57.797 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:154 Resp: 540520
Ion Ratio Lower Upper
154 100
153 112.3 88.8 133.2
152 53.2 42.5 63.7





#53

3-Nitroaniline

Concen: 27.639 ng

RT: 9.857 min Scan# 1320

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:138 Resp: 67100

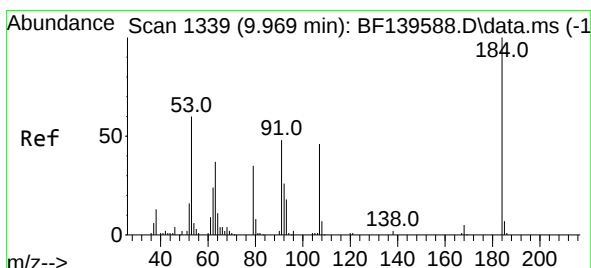
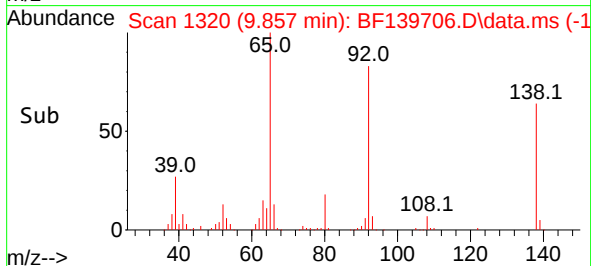
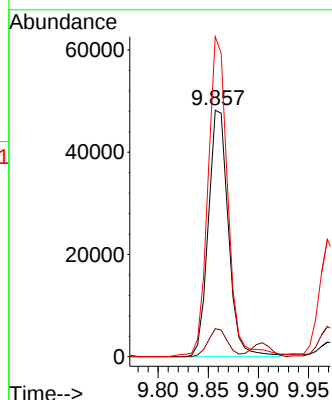
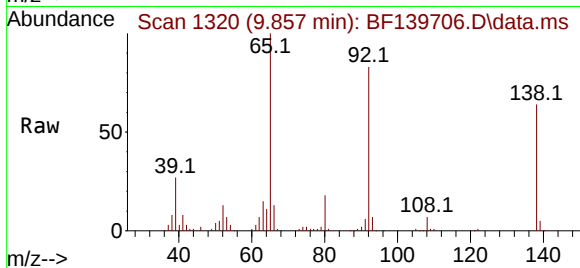
Ion	Ratio	Lower	Upper
138	100		
108	11.4	8.8	13.2
92	129.9	100.0	150.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#54

2,4-Dinitrophenol

Concen: 95.194 ng

RT: 9.969 min Scan# 1339

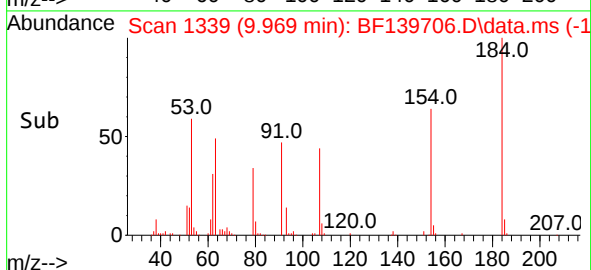
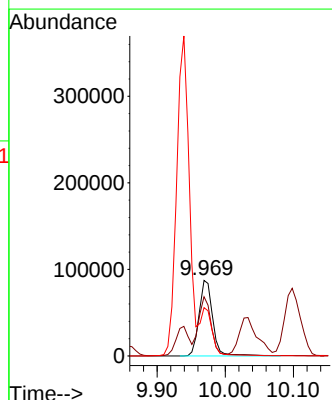
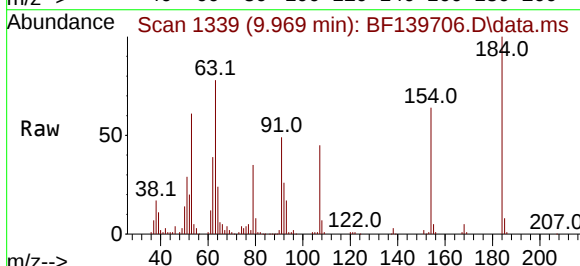
Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Tgt Ion:184 Resp: 121636

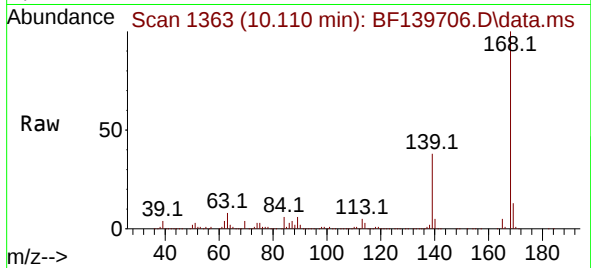
Ion	Ratio	Lower	Upper
184	100		
63	78.3	61.7	92.5
154	63.9	53.0	79.4





#55
Dibenzenofuran
Concen: 54.625 ng
RT: 10.110 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

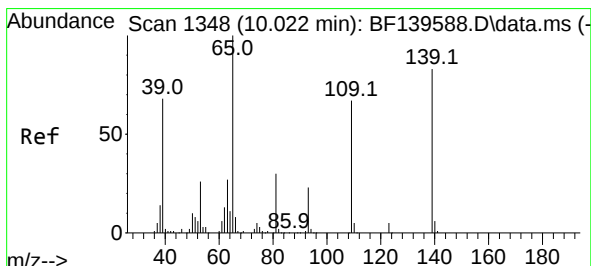
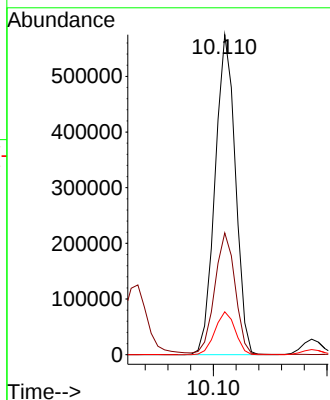
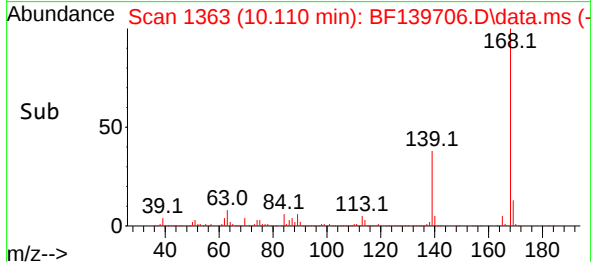
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:168 Resp: 715274
Ion Ratio Lower Upper
168 100
139 38.0 30.4 45.6
169 13.4 10.7 16.1

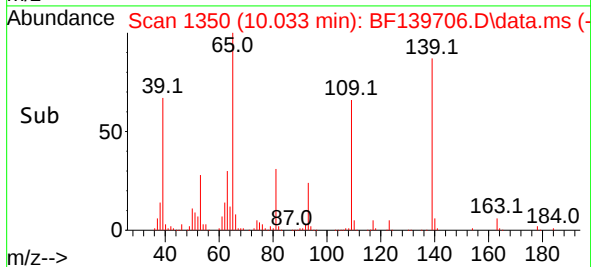
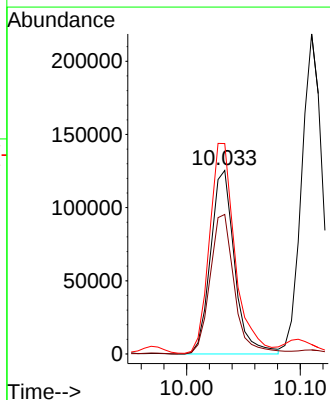
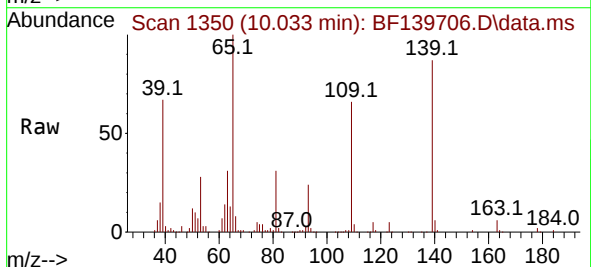
Manual Integrations
APPROVED

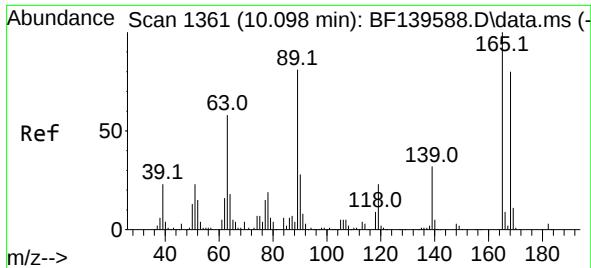
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#56
4-Nitrophenol
Concen: 99.547 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:139 Resp: 184296
Ion Ratio Lower Upper
139 100
109 76.0 60.3 100.3
65 114.7 100.8 140.8





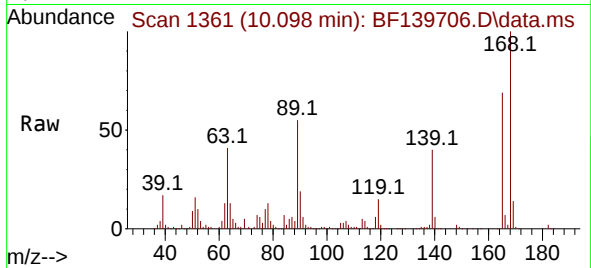
#57
2,4-Dinitrotoluene
Concen: 53.405 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



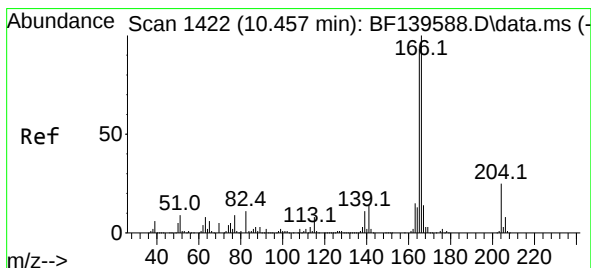
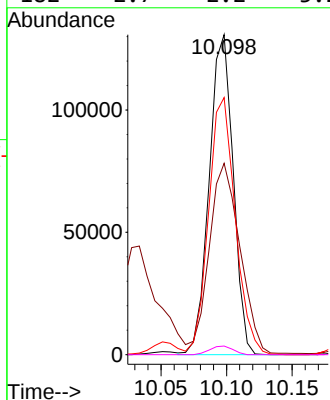
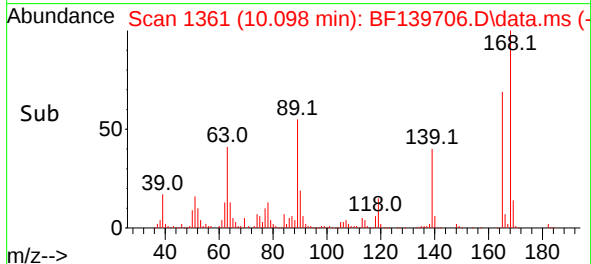
Tgt Ion:165 Resp: 16583
Ion Ratio Lower Upper
165 100
63 59.8 46.9 70.3
89 80.3 64.4 96.6
182 2.7 2.2 3.2

Manual Integrations

APPROVED

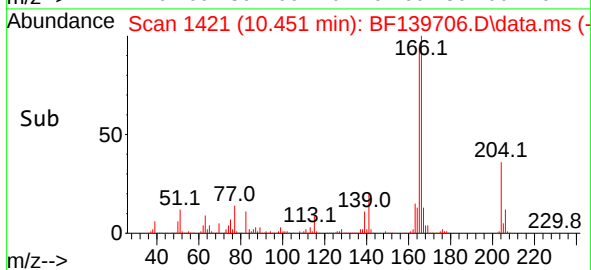
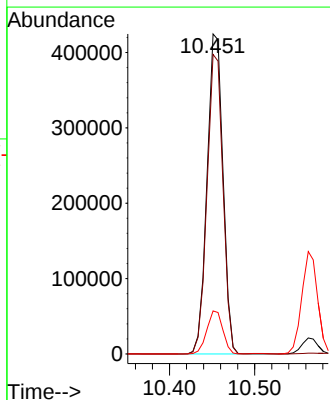
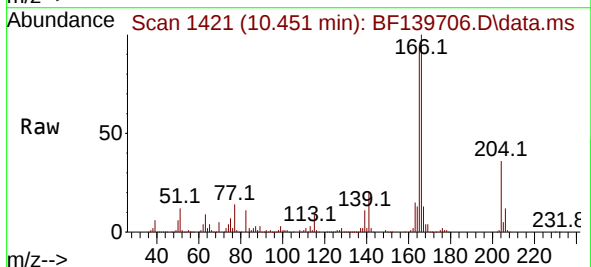
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#58
Fluorene
Concen: 52.894 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

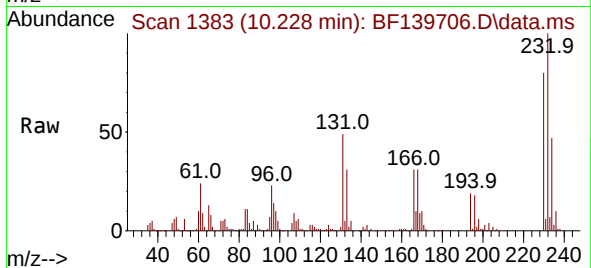
Tgt Ion:166 Resp: 551646
Ion Ratio Lower Upper
166 100
165 93.6 74.4 111.6
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 54.250 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

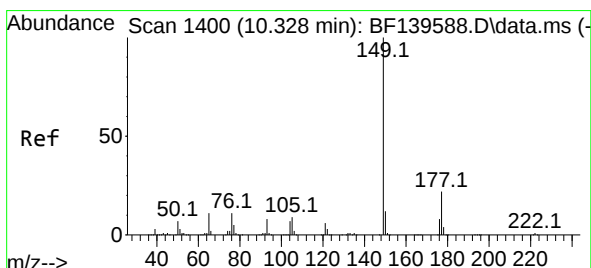
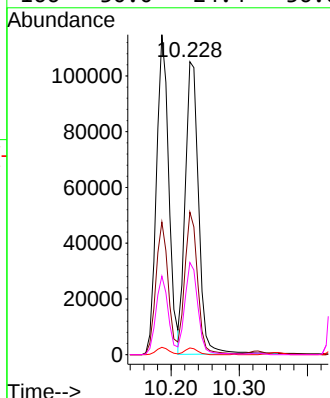
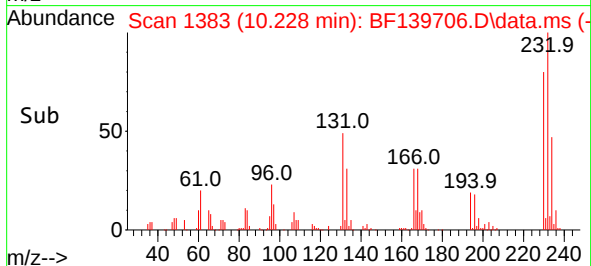
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:232 Resp: 142100
Ion Ratio Lower Upper
232 100
131 45.7 37.8 56.6
130 2.2 1.9 2.9
166 30.0 24.4 36.6

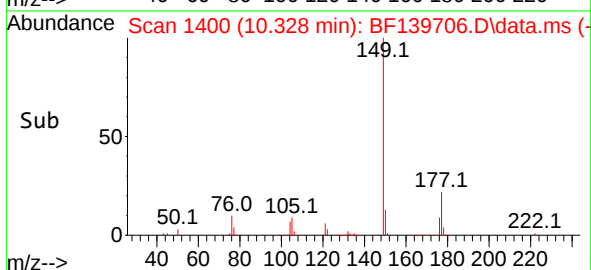
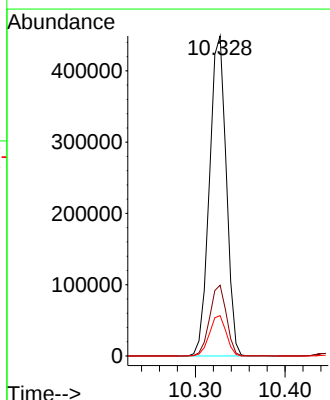
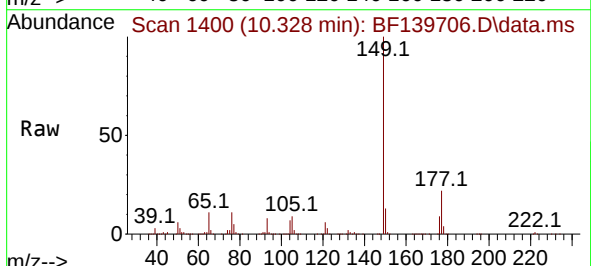
Manual Integrations
APPROVED

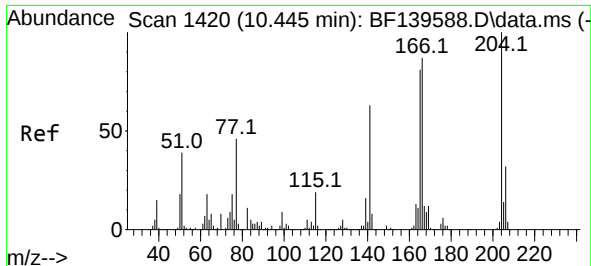
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#60
Diethylphthalate
Concen: 53.706 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

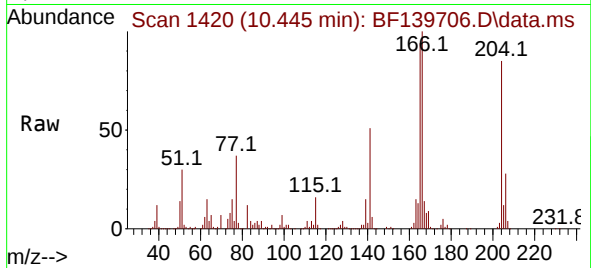
Tgt Ion:149 Resp: 583383
Ion Ratio Lower Upper
149 100
177 22.1 17.4 26.0
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 51.928 ng
RT: 10.445 min Scan# 1420
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

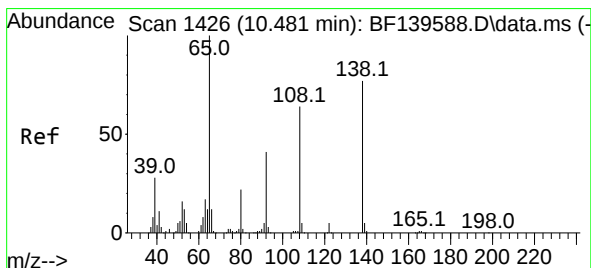
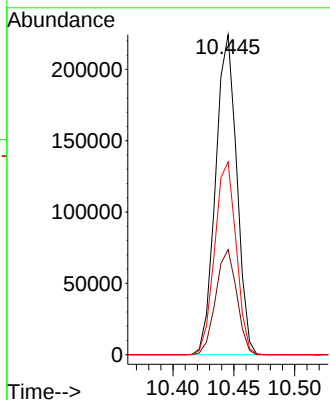
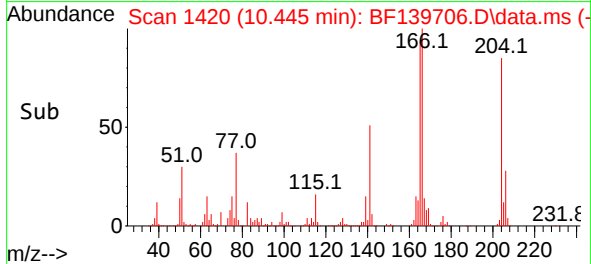
Instrument :
BNA_F
ClientSampleId :
IB-4MS



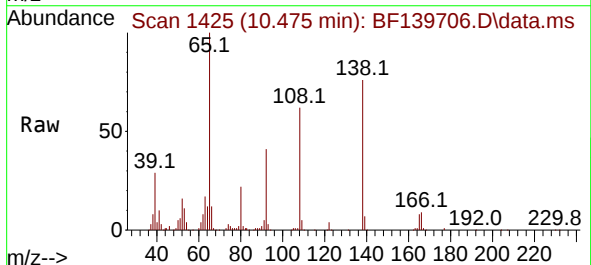
Tgt Ion:204 Resp: 27094
Ion Ratio Lower Upper
204 100
206 32.9 25.9 38.9
141 60.2 50.5 75.7

Manual Integrations
APPROVED

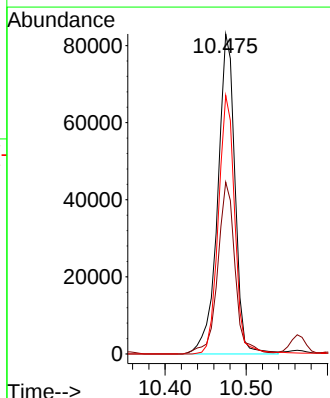
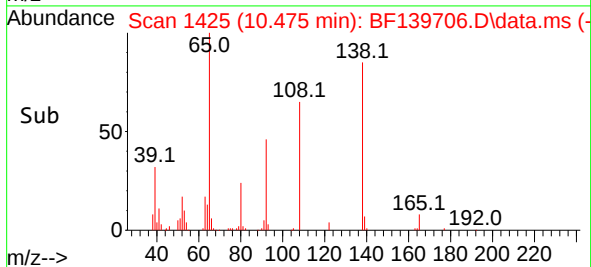
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

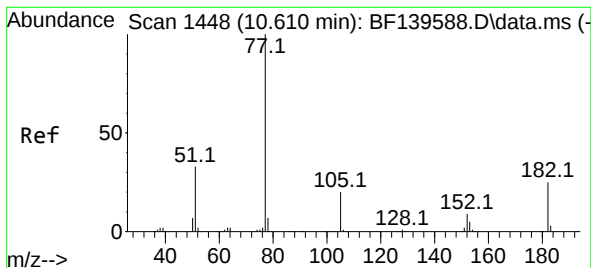


#62
4-Nitroaniline
Concen: 49.542 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:138 Resp: 123025
Ion Ratio Lower Upper
138 100
92 53.7 33.3 73.3
108 80.8 62.1 102.1





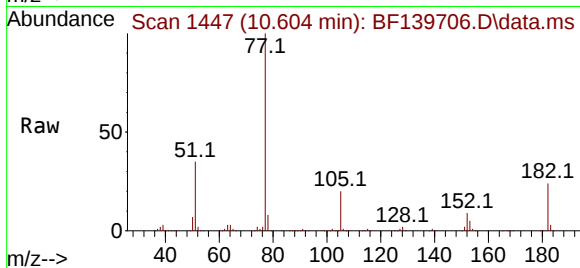
#63
Azobenzene
Concen: 52.906 ng
RT: 10.604 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



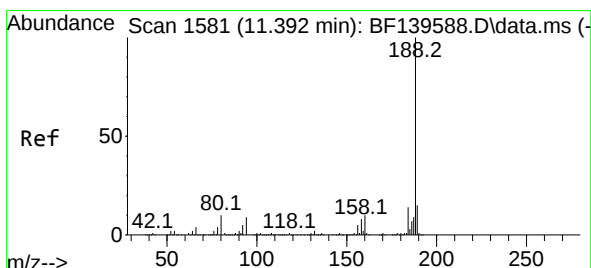
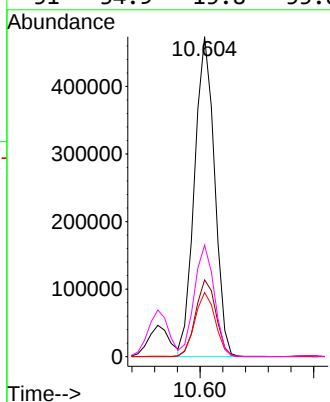
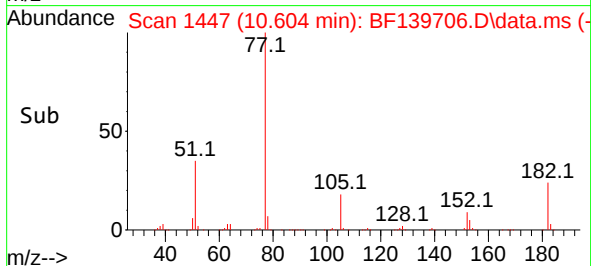
Tgt Ion: 77 Resp: 577938
Ion Ratio Lower Upper
77 100
182 24.0 4.2 44.2
105 20.0 0.0 39.6
51 34.9 15.8 55.8

Manual Integrations

APPROVED

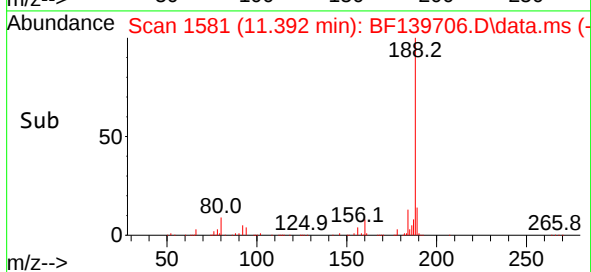
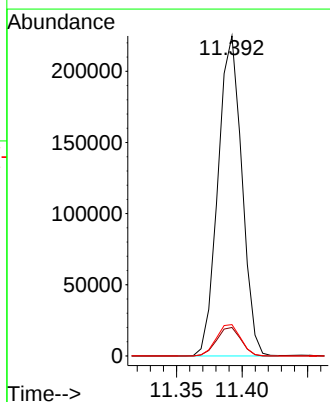
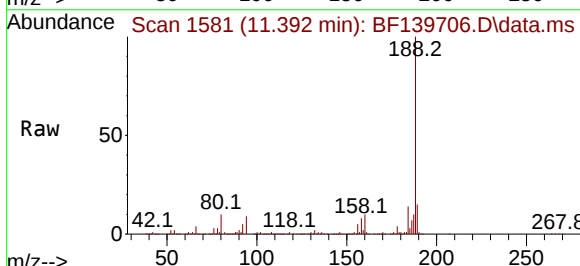
Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Tgt Ion:188 Resp: 284403
Ion Ratio Lower Upper
188 100
94 8.9 7.4 11.2
80 9.8 8.2 12.2





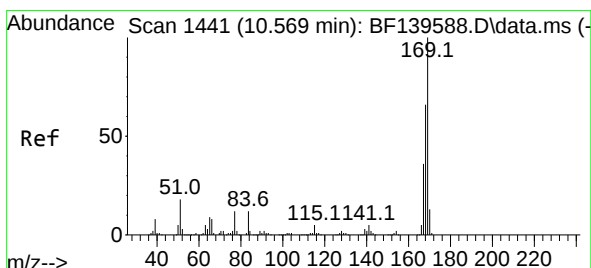
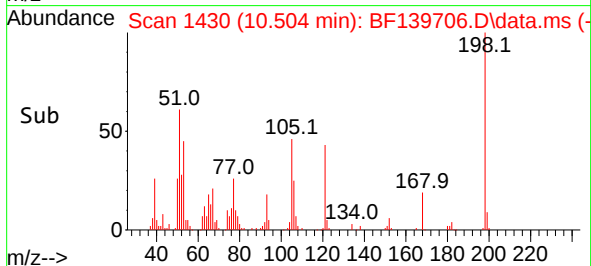
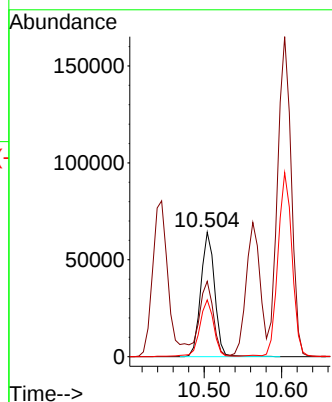
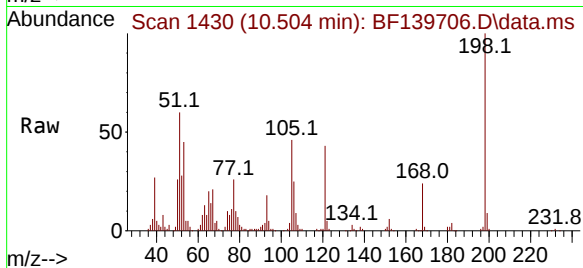
#65
4,6-Dinitro-2-methylphenol
Concen: 49.511 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :
BNA_F
ClientSampleId :
IB-4MS

Tgt Ion:198 Resp: 79528
Ion Ratio Lower Upper
198 100
51 60.5 43.0 83.0
105 45.6 26.6 66.6

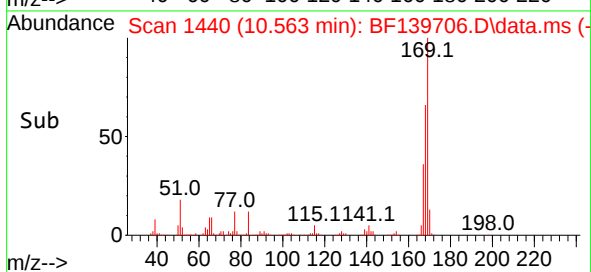
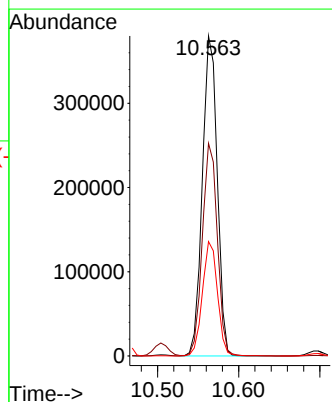
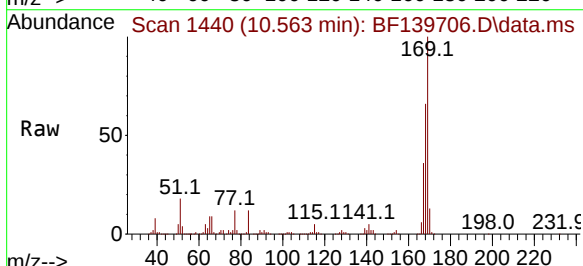
Manual Integrations
APPROVED

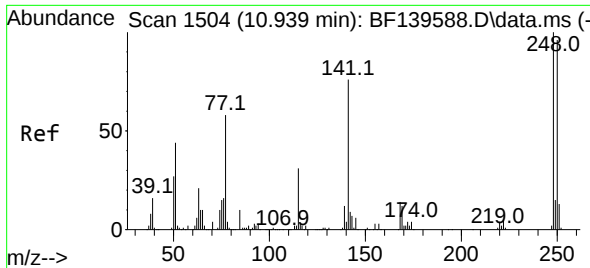
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#66
n-Nitrosodiphenylamine
Concen: 57.666 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

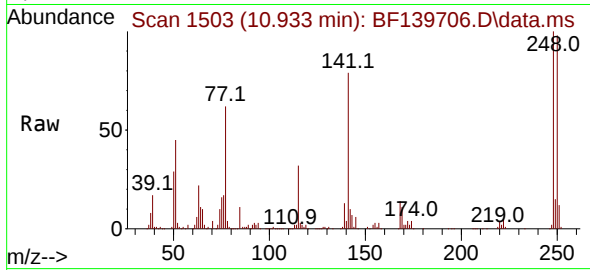
Tgt Ion:169 Resp: 483424
Ion Ratio Lower Upper
169 100
168 66.5 53.2 79.8
167 35.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 55.156 ng
RT: 10.933 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

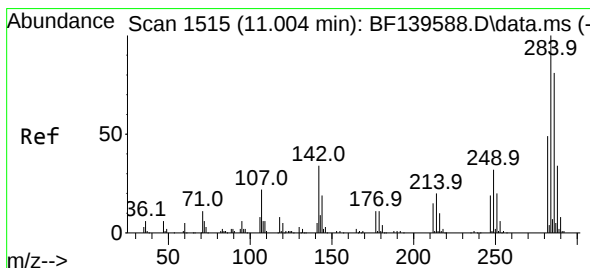
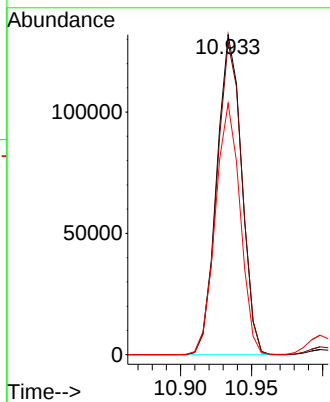
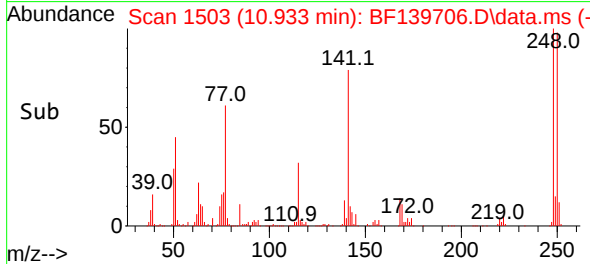
Instrument :
BNA_F
ClientSampleId :
IB-4MS



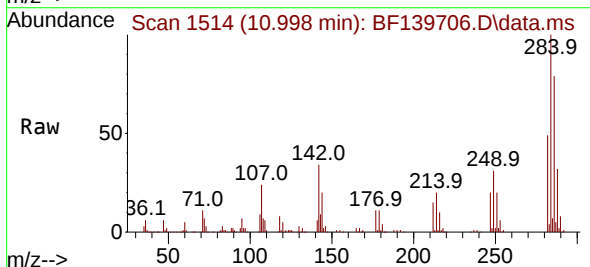
Tgt Ion:248 Resp: 160839
Ion Ratio Lower Upper
248 100
250 97.5 77.1 115.7
141 78.5 60.4 90.6

Manual Integrations
APPROVED

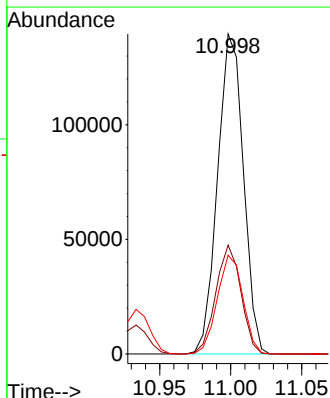
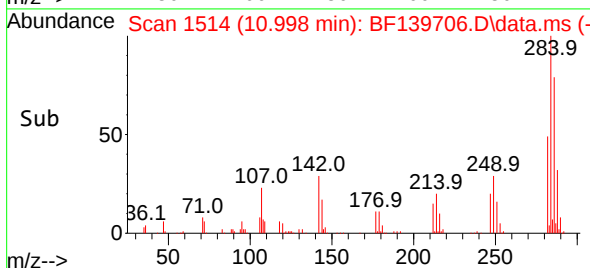
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#68
Hexachlorobenzene
Concen: 54.560 ng
RT: 10.998 min Scan# 1514
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:284 Resp: 176541
Ion Ratio Lower Upper
284 100
142 34.0 26.9 40.3
249 30.8 25.4 38.0





#69

Atrazine

Concen: 68.548 ng

RT: 11.092 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:200 Resp: 154179

Ion Ratio Lower Upper

200 100

173 27.3 6.7 46.7

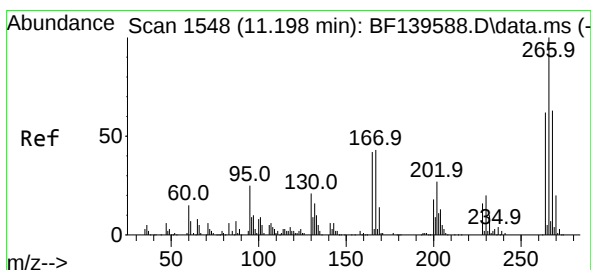
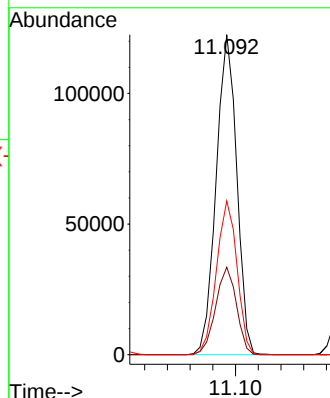
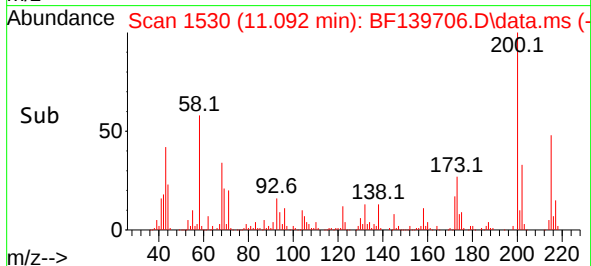
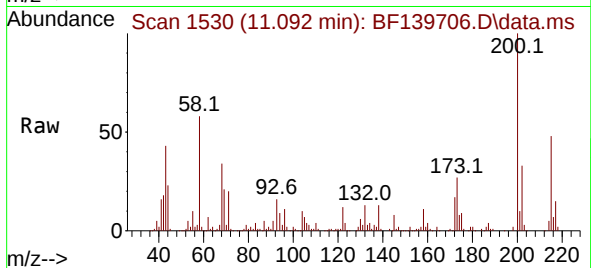
215 48.1 27.5 67.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#70

Pentachlorophenol

Concen: 104.401 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

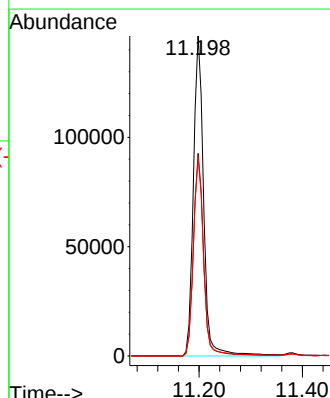
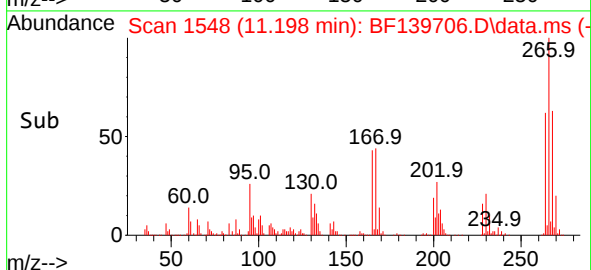
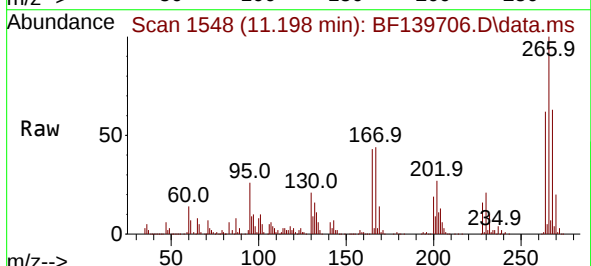
Tgt Ion:266 Resp: 201151

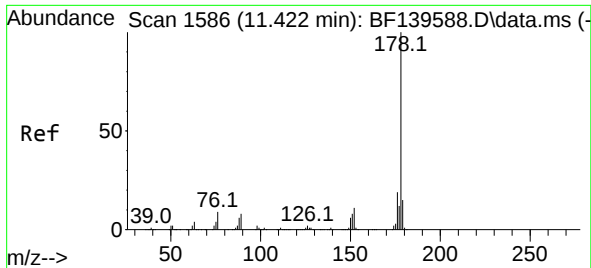
Ion Ratio Lower Upper

266 100

268 63.3 50.0 75.0

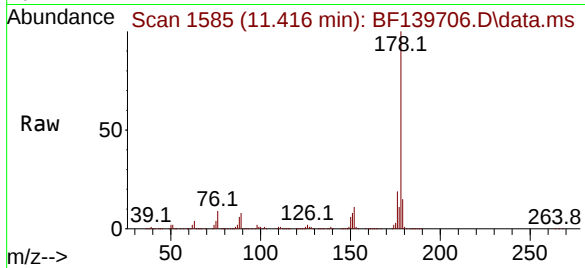
264 62.1 49.3 73.9





#71
Phenanthrene
Concen: 56.186 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

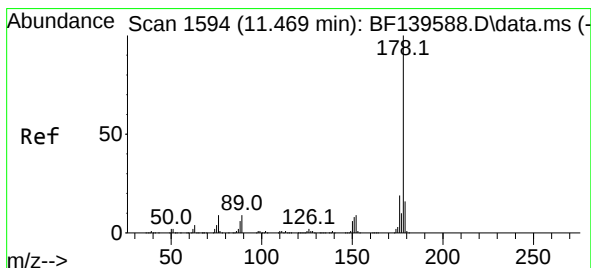
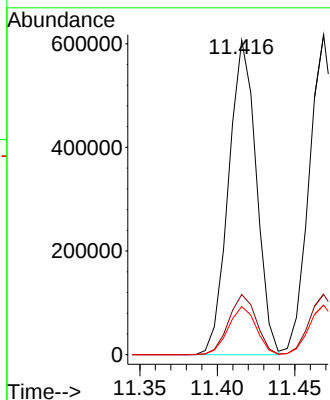
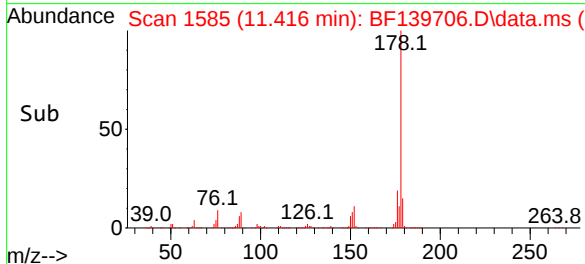
Instrument :
BNA_F
ClientSampleId :
IB-4MS



Tgt Ion:178 Resp: 753449
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.3 12.3 18.5

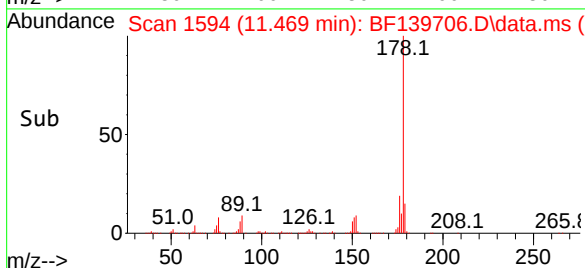
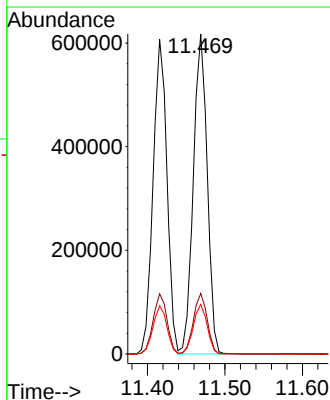
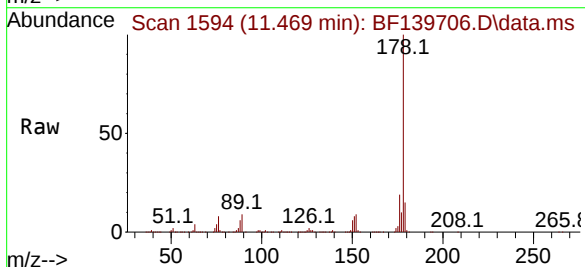
Manual Integrations
APPROVED

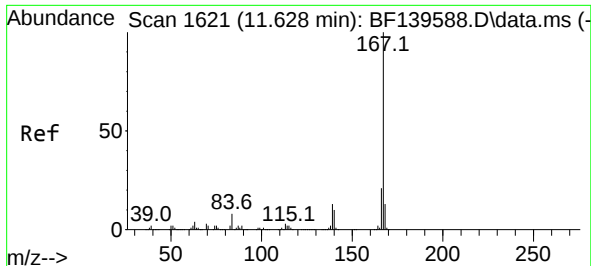
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#72
Anthracene
Concen: 57.744 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

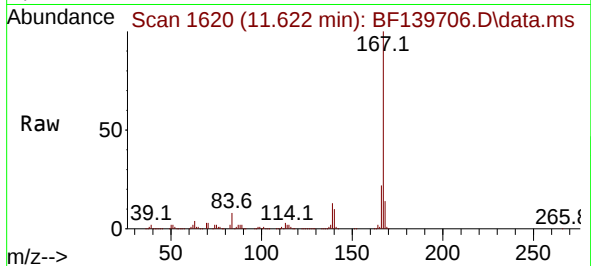
Tgt Ion:178 Resp: 766059
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 15.5 12.5 18.7





#73
 Carbazole
 Concen: 55.225 ng
 RT: 11.622 min Scan# 1620
 Delta R.T. -0.006 min
 Lab File: BF139706.D
 Acq: 08 Oct 2024 12:12

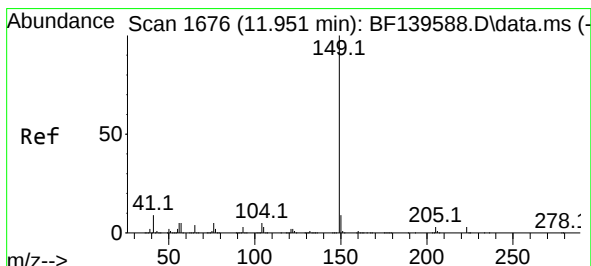
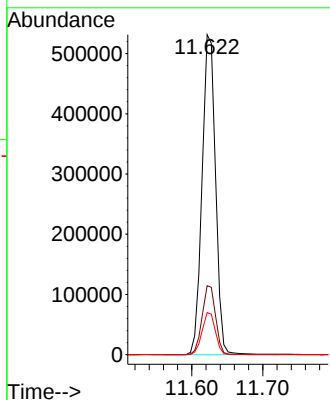
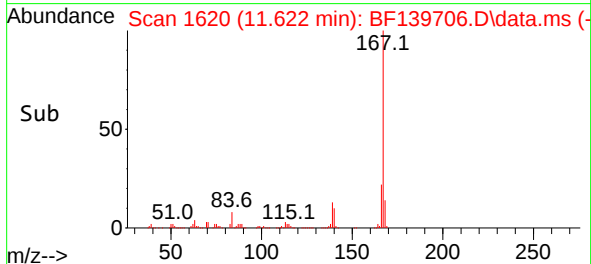
Instrument :
 BNA_F
 ClientSampleId :
 IB-4MS



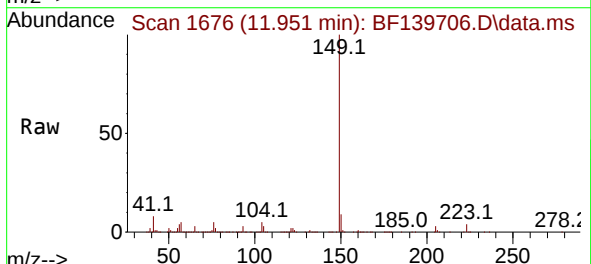
Tgt Ion:167 Resp: 703660
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.2 10.3 15.5

Manual Integrations
 APPROVED

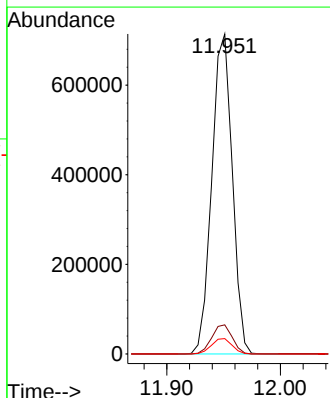
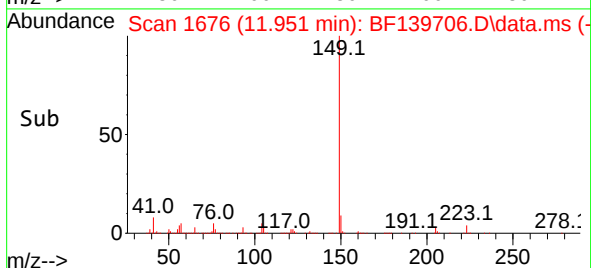
Reviewed By :Yogesh Patel 10/10/2024
 Supervised By :mohammad ahmed 10/10/2024

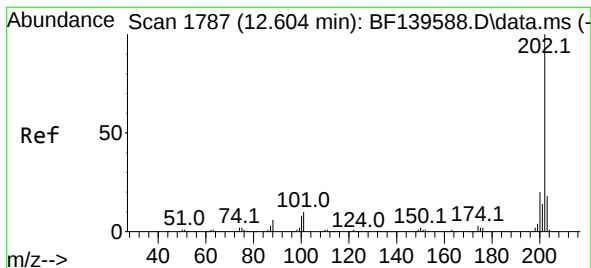


#74
 Di-n-butylphthalate
 Concen: 57.728 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.000 min
 Lab File: BF139706.D
 Acq: 08 Oct 2024 12:12



Tgt Ion:149 Resp: 894450
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.8 4.1 6.1





#75

Fluoranthene

Concen: 52.457 ng

RT: 12.604 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:202 Resp: 76896

Ion Ratio Lower Upper

202 100

101 10.2 0.0 30.2

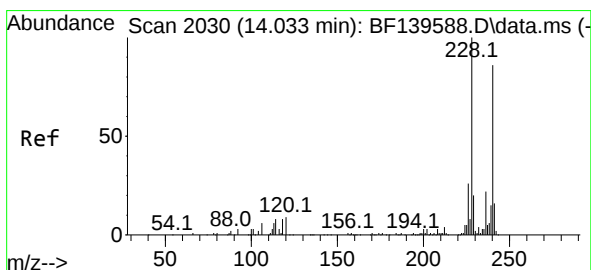
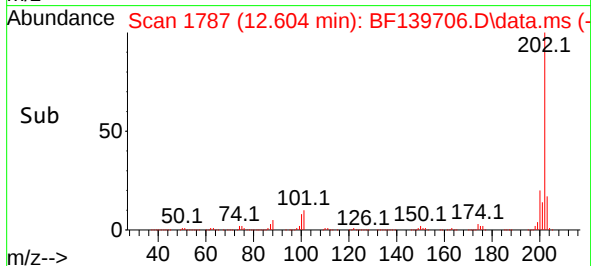
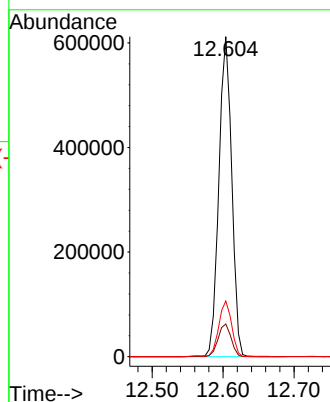
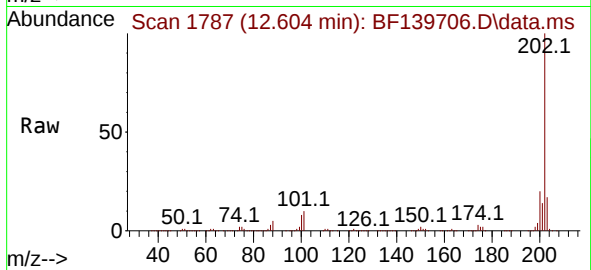
203 17.4 0.0 37.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

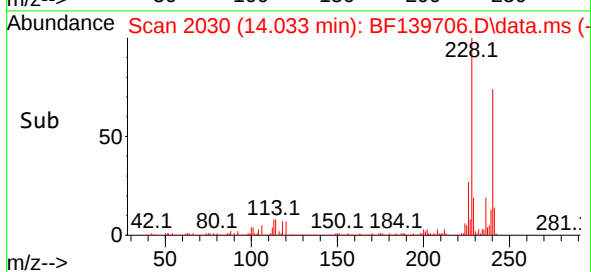
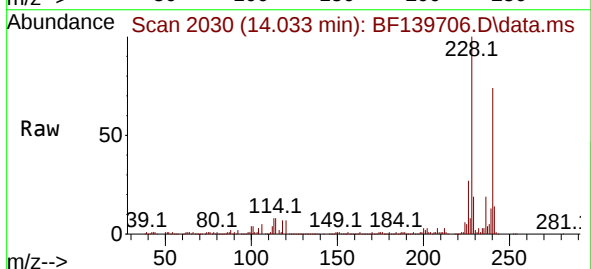
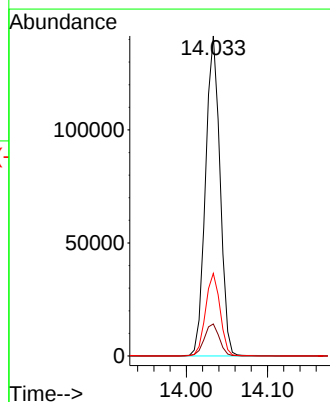
Tgt Ion:240 Resp: 175389

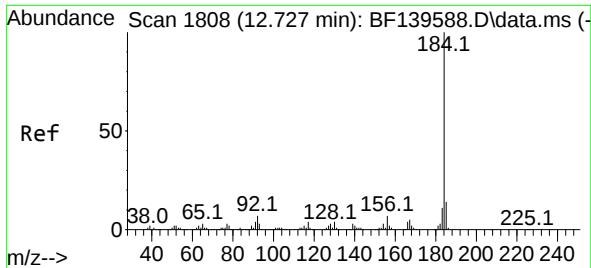
Ion Ratio Lower Upper

240 100

120 10.0 8.4 12.6

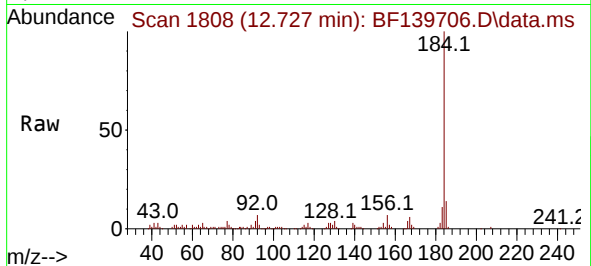
236 25.8 20.3 30.5





#77
Benzidine
Concen: 33.263 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

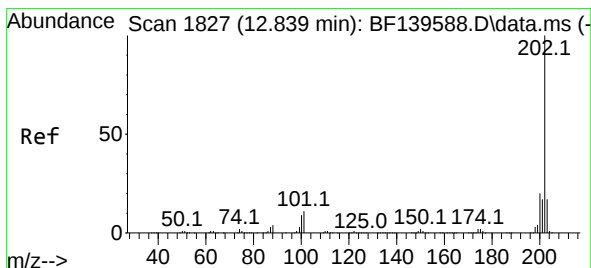
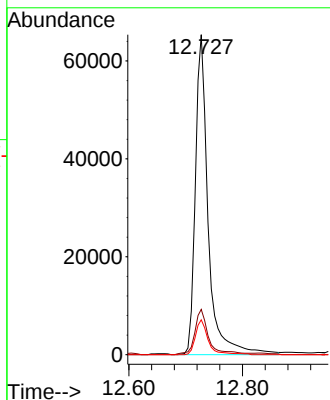
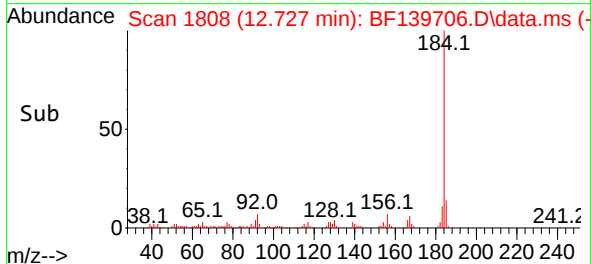
Instrument :
BNA_F
ClientSampleId :
IB-4MS



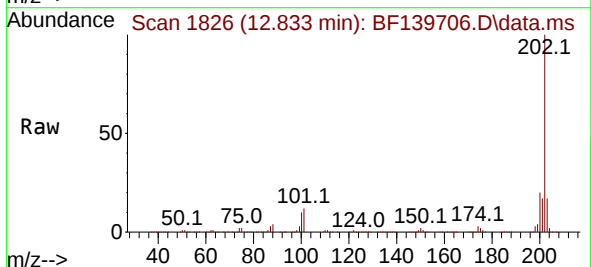
Tgt Ion:184 Resp: 102908
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 10.9 8.8 13.2

Manual Integrations
APPROVED

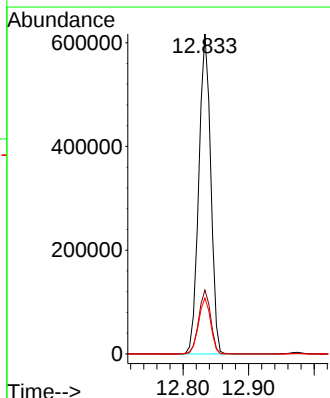
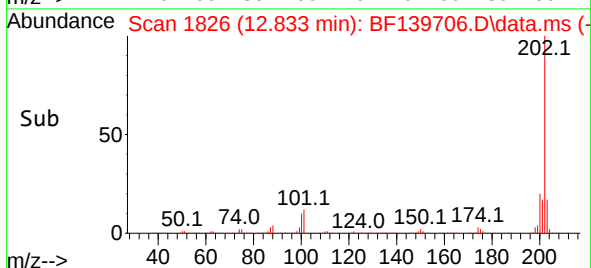
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024



#78
Pyrene
Concen: 49.821 ng
RT: 12.833 min Scan# 1826
Delta R.T. -0.006 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:202 Resp: 781526
Ion Ratio Lower Upper
202 100
200 19.9 15.8 23.6
203 17.4 13.8 20.8





#79

Terphenyl-d14

Concen: 98.198 ng

RT: 12.974 min Scan# 1850

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:244 Resp: 104964

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

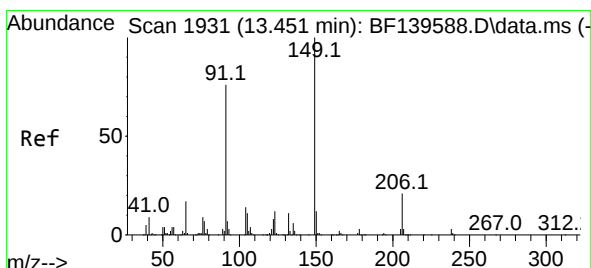
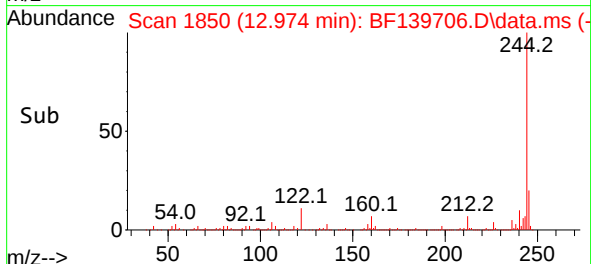
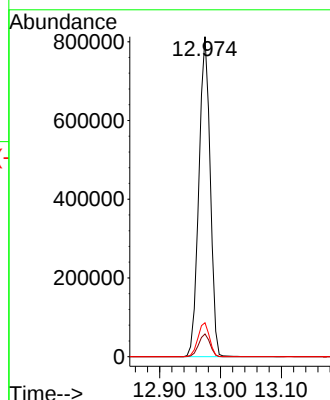
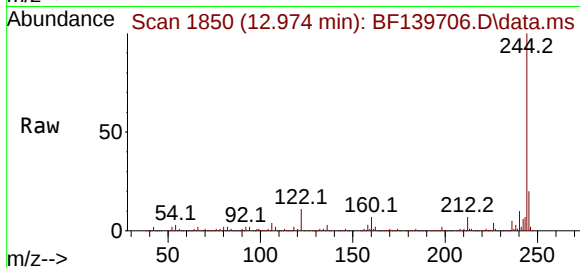
122 10.6 8.6 12.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#80

Butylbenzylphthalate

Concen: 58.258 ng

RT: 13.445 min Scan# 1930

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

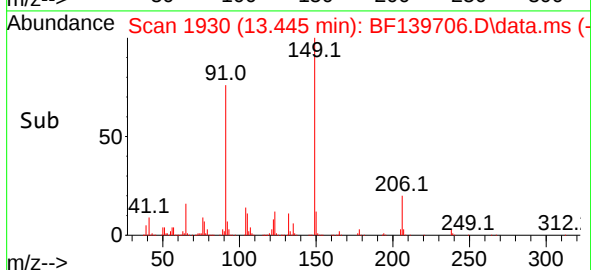
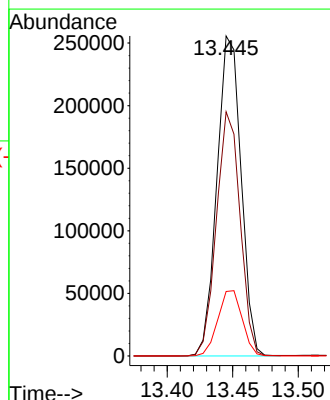
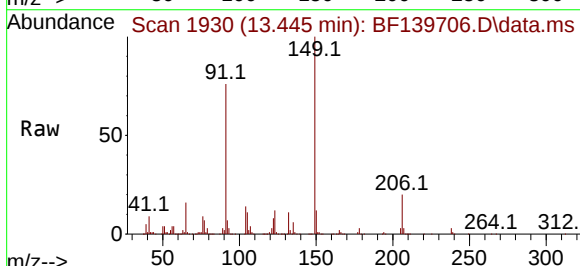
Tgt Ion:149 Resp: 326885

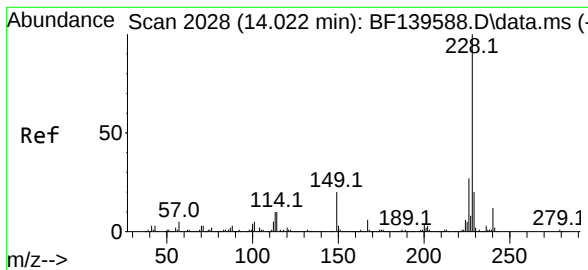
Ion Ratio Lower Upper

149 100

91 76.3 61.0 91.4

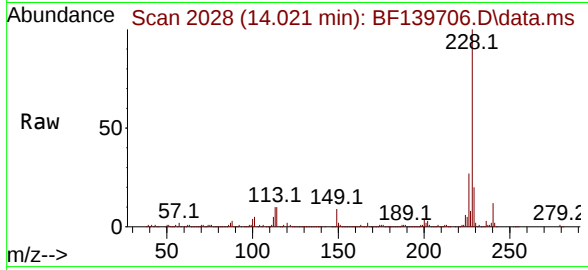
206 20.2 16.6 24.8





#81
Benzo(a)anthracene
Concen: 55.248 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

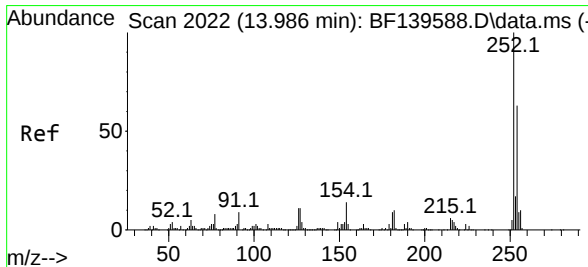
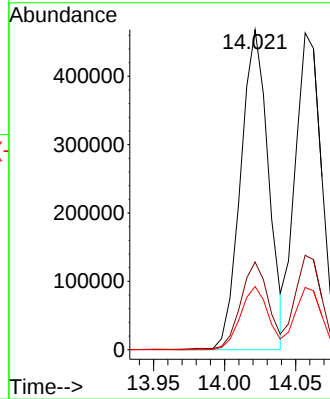
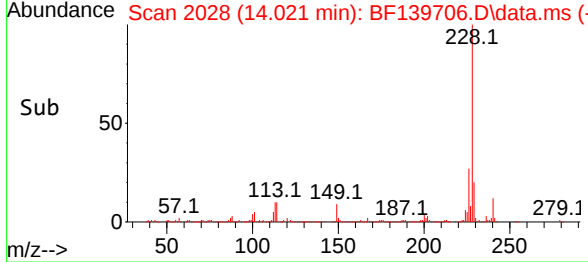
Instrument :
BNA_F
ClientSampleId :
IB-4MS



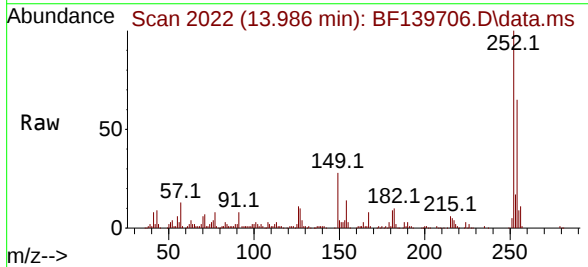
Tgt Ion:228 Resp: 63707
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.8

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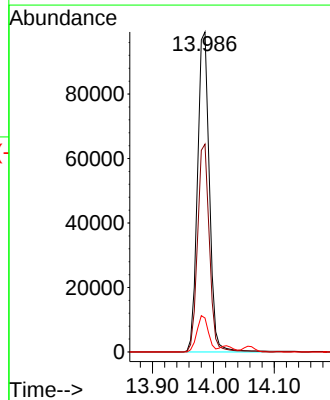
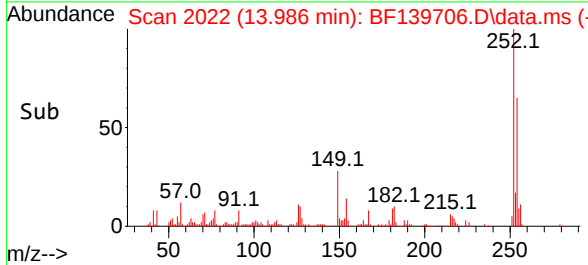
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

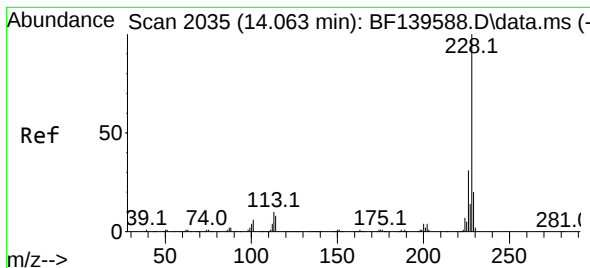


#82
3,3'-Dichlorobenzidine
Concen: 38.049 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:252 Resp: 134276
Ion Ratio Lower Upper
252 100
254 64.9 50.5 75.7
126 10.6 8.8 13.2





#83

Chrysene

Concen: 56.792 ng

RT: 14.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:228 Resp: 598725

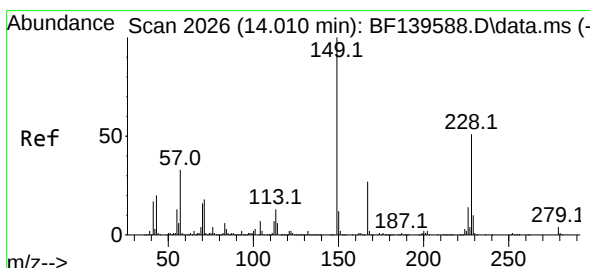
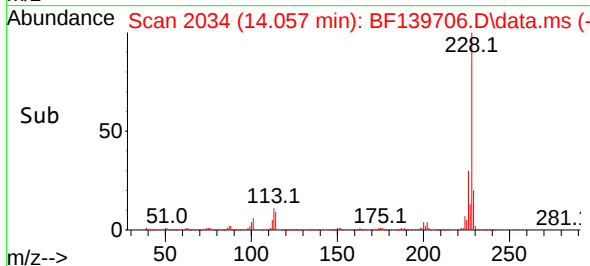
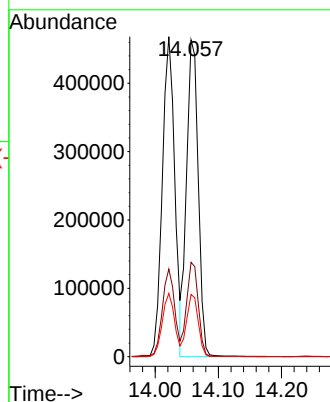
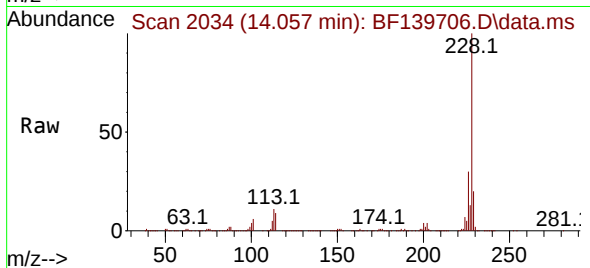
Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.3	36.5
229	19.6	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 62.983 ng

RT: 14.004 min Scan# 2025

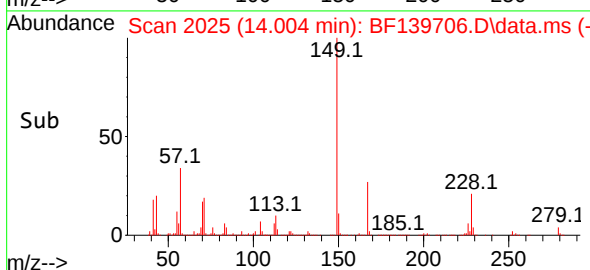
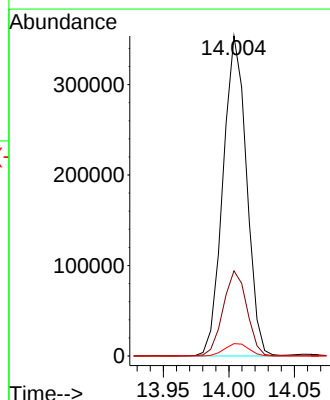
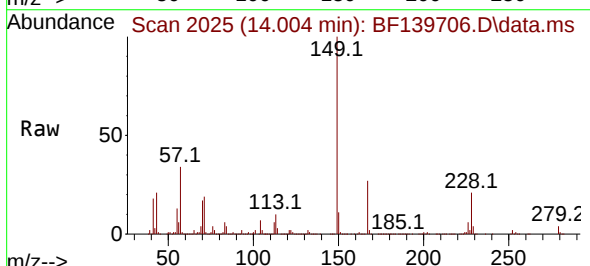
Delta R.T. -0.006 min

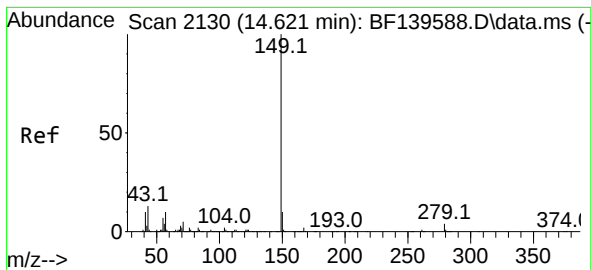
Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Tgt Ion:149 Resp: 441281

Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.7	32.5
279	3.9	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 68.515 ng

RT: 14.616 min Scan# 2130

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS

Tgt Ion:149 Resp: 705244

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

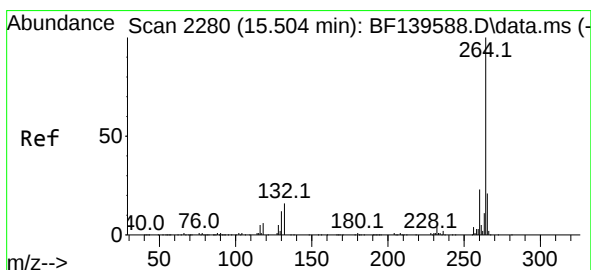
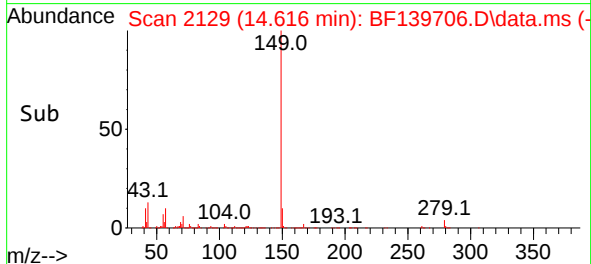
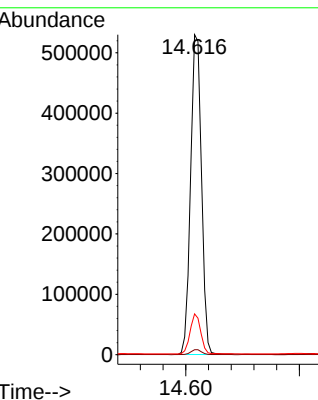
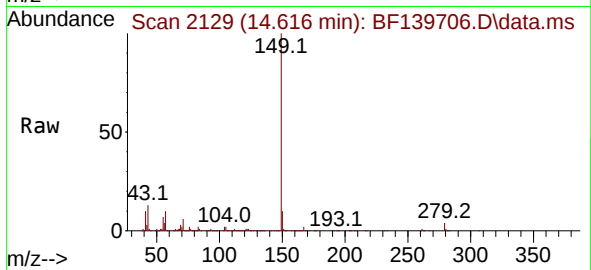
43 12.3 10.2 15.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/10/2024

Supervised By :mohammad ahmed 10/10/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.498 min Scan# 2279

Delta R.T. -0.006 min

Lab File: BF139706.D

Acq: 08 Oct 2024 12:12

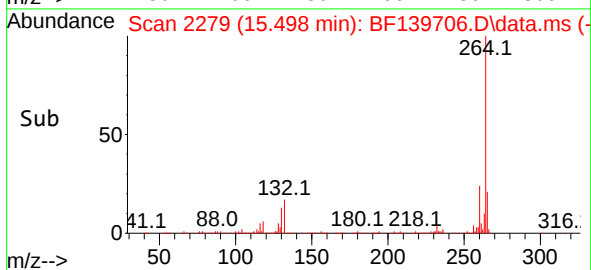
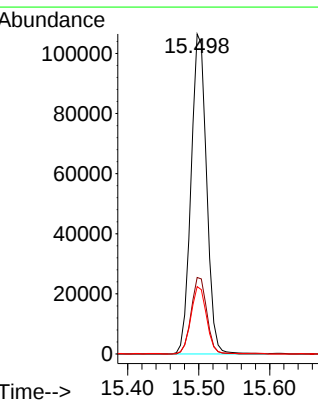
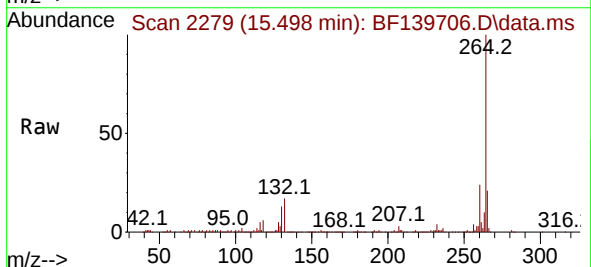
Tgt Ion:264 Resp: 162323

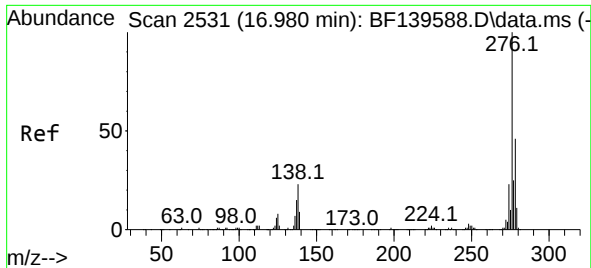
Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

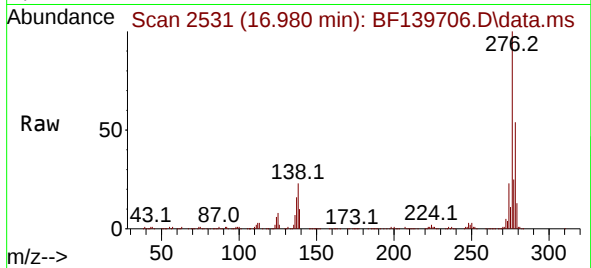
265 21.0 16.9 25.3





#87
Indeno(1,2,3-cd)pyrene
Concen: 52.439 ng
RT: 16.980 min Scan# 2531
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

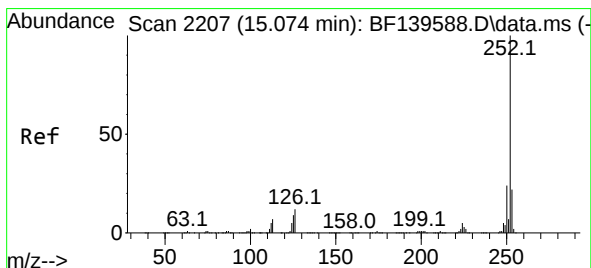
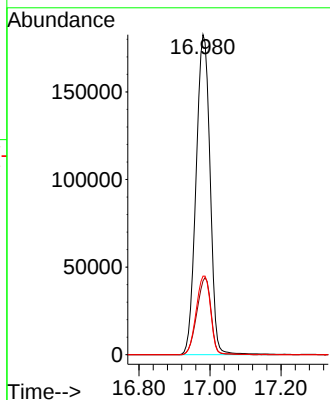
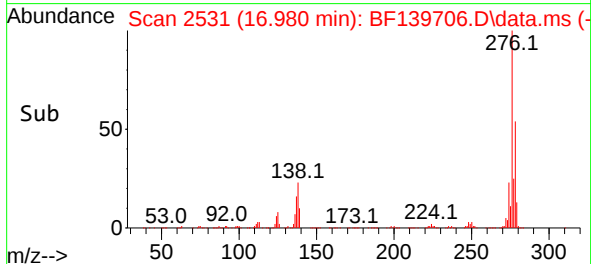
Instrument :
BNA_F
ClientSampleId :
IB-4MS



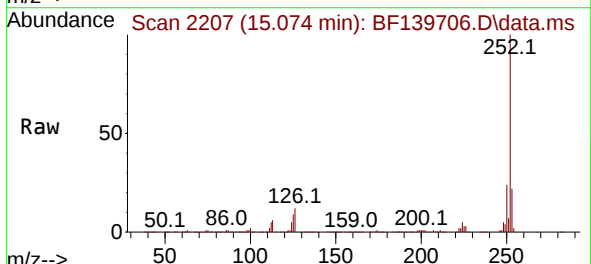
Tgt Ion:276 Resp: 50099
Ion Ratio Lower Upper
276 100
138 24.3 19.4 29.0
277 25.3 20.2 30.2

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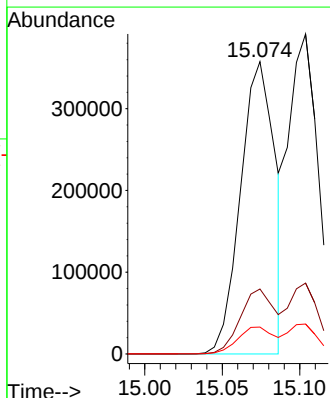
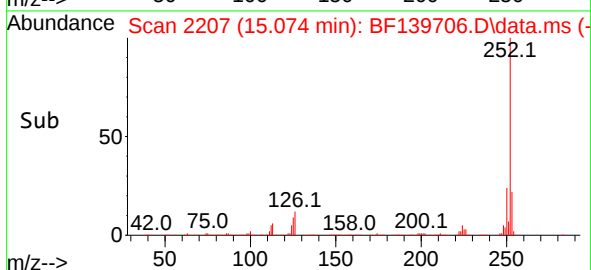
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

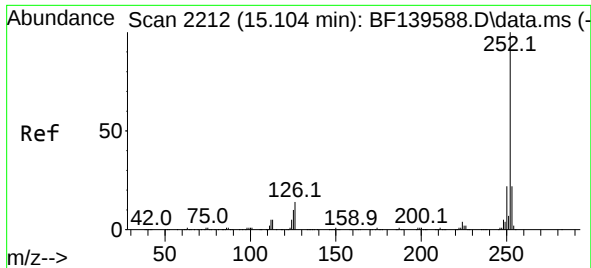


#88
Benzo(b)fluoranthene
Concen: 52.541 ng
RT: 15.074 min Scan# 2207
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion:252 Resp: 551447
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.2 7.4 11.0





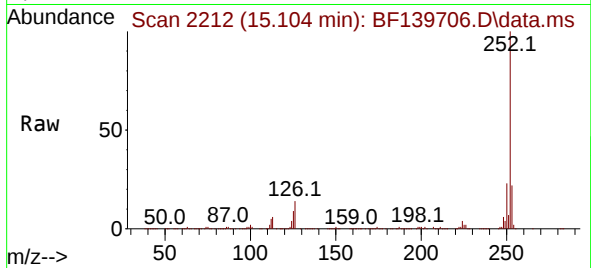
#89
Benzo(k)fluoranthene
Concen: 58.716 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

Instrument :

BNA_F

ClientSampleId :

IB-4MS



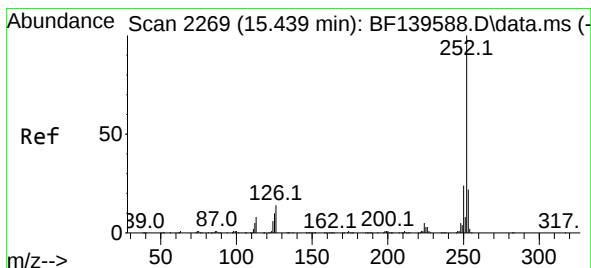
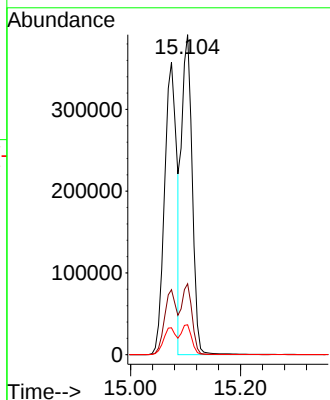
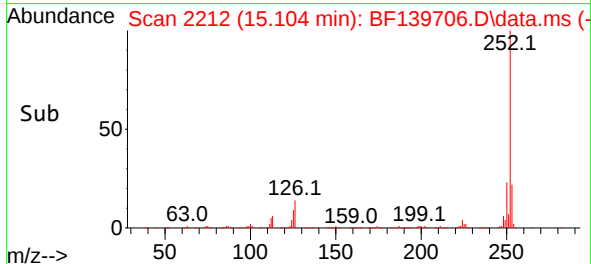
Tgt Ion:252 Resp: 52275
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.3 7.6 11.4

Manual Integrations

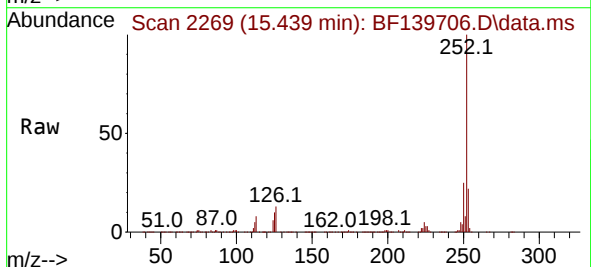
APPROVED

Reviewed By :Yogesh Patel 10/10/2024

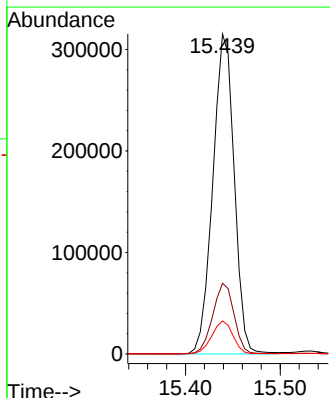
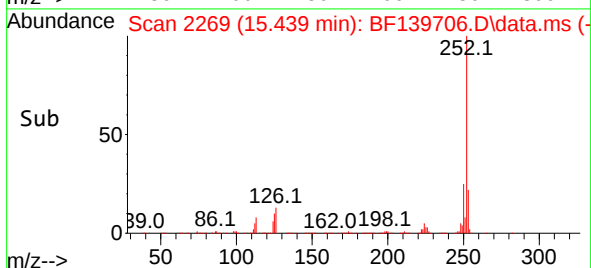
Supervised By :mohammad ahmed 10/10/2024

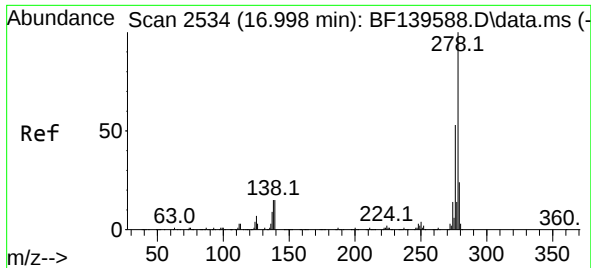


#90
Benzo(a)pyrene
Concen: 59.868 ng
RT: 15.439 min Scan# 2269
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



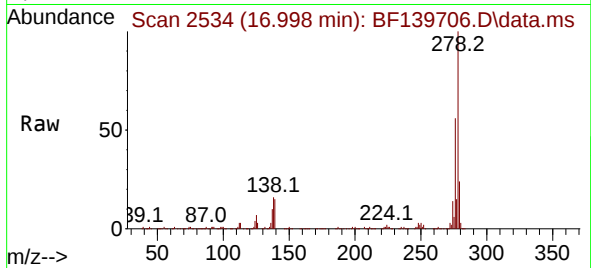
Tgt Ion:252 Resp: 495448
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.3 8.3 12.5





#91
Dibenzo(a,h)anthracene
Concen: 52.732 ng
RT: 16.998 min Scan# 2534
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12

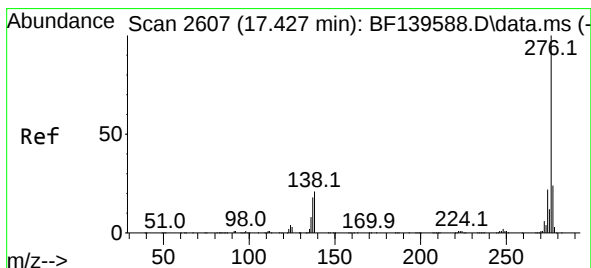
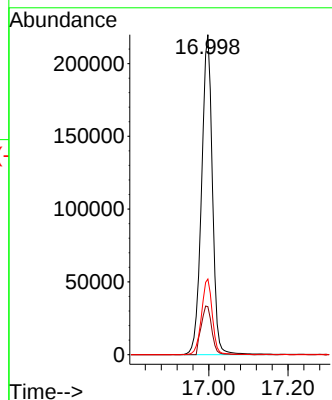
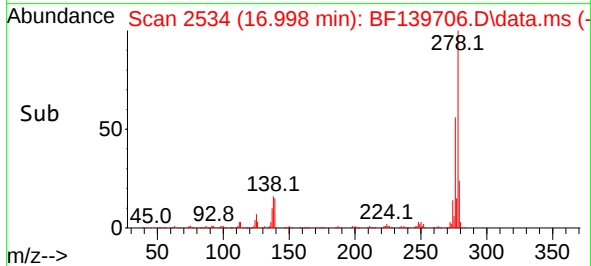
Instrument :
BNA_F
ClientSampleId :
IB-4MS



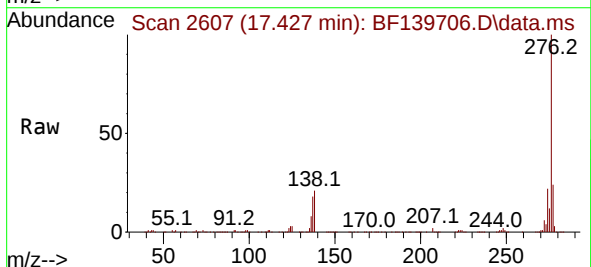
Tgt Ion: 278 Resp: 417860
Ion Ratio Lower Upper
278 100
139 15.0 12.2 18.4
279 23.6 19.2 28.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 45.473 ng
RT: 17.427 min Scan# 2607
Delta R.T. -0.000 min
Lab File: BF139706.D
Acq: 08 Oct 2024 12:12



Tgt Ion: 276 Resp: 361385
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.6
138 20.8 17.0 25.6

