

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102224\
 Data File : BF139932.D
 Acq On : 22 Oct 2024 16:59
 Operator : RC/JU
 Sample : P4419-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

Quant Time: Oct 22 17:29:52 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	138748	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	523454	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	277058	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	425203	20.000	ng	0.00
76) Chrysene-d12	14.057	240	290316	20.000	ng	0.00
86) Perylene-d12	15.527	264	350694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	1181466	133.304	ng	0.02
7) Phenol-d6	6.516	99	1422949	123.962	ng	0.00
23) Nitrobenzene-d5	7.451	82	1025166	108.545	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	391405	151.033	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1750740	104.435	ng	0.00
79) Terphenyl-d14	12.998	244	1530395	85.898	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.852	88	171692	41.549	ng	# 81
3) Pyridine	3.563	79	407709	39.805	ng	98
4) n-Nitrosodimethylamine	3.499	42	245272	44.569	ng	97
6) Aniline	6.557	93	225996	21.125	ng	96
8) 2-Chlorophenol	6.675	128	463587	51.165	ng	99
9) Benzaldehyde	6.446	77	58737	9.096	ng	97
10) Phenol	6.528	94	513524m	43.393	ng	
11) bis(2-Chloroethyl)ether	6.628	93	452755	49.498	ng	99
12) 1,3-Dichlorobenzene	6.834	146	474895	45.659	ng	99
13) 1,4-Dichlorobenzene	6.910	146	479610	46.156	ng	99
14) 1,2-Dichlorobenzene	7.063	146	462280	47.668	ng	98
15) Benzyl Alcohol	7.028	79	435001	51.661	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	753890	48.336	ng	99
17) 2-Methylphenol	7.134	107	384589	49.779	ng	99
18) Hexachloroethane	7.404	117	171232	46.211	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	340994	48.980	ng	98
20) 3+4-Methylphenols	7.287	107	471130	47.675	ng	98
22) Acetophenone	7.298	105	635302	49.551	ng	99
24) Nitrobenzene	7.475	77	509423	49.196	ng	98
25) Isophorone	7.710	82	923720	51.530	ng	99
26) 2-Nitrophenol	7.787	139	234486	60.025	ng	96
27) 2,4-Dimethylphenol	7.816	122	385728	59.217	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	553814	50.992	ng	100
29) 2,4-Dichlorophenol	8.022	162	382652	51.574	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	395619	48.189	ng	99
31) Naphthalene	8.193	128	1336346	49.500	ng	100
32) Benzoic acid	7.916	122	250906	44.163	ng	95
33) 4-Chloroaniline	8.234	127	73874	8.025	ng	98
34) Hexachlorobutadiene	8.310	225	253755	49.194	ng	98
35) Caprolactam	8.598	113	100760m	42.711	ng	
36) 4-Chloro-3-methylphenol	8.716	107	407634	49.618	ng	97
37) 2-Methylnaphthalene	8.887	142	846044	51.171	ng	100
38) 1-Methylnaphthalene	8.987	142	789047	48.642	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	398976	53.378	ng	99
41) Hexachlorocyclopentadiene	9.040	237	450273	173.129	ng	100
43) 2,4,6-Trichlorophenol	9.157	196	288833	54.580	ng	100

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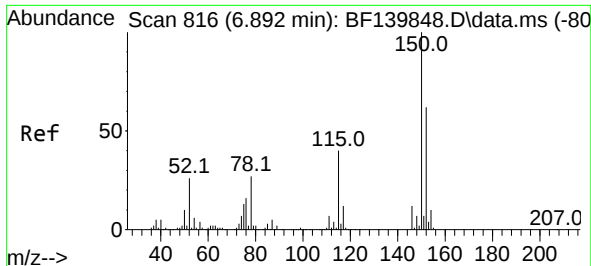
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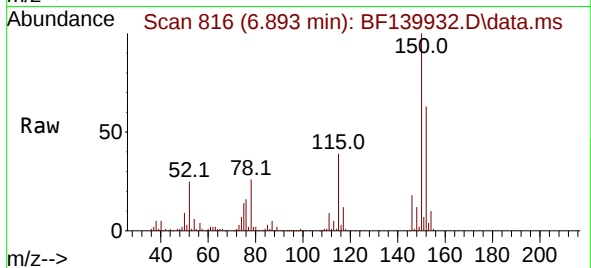
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	280441	51.364	ng	99
46) 1,1'-Biphenyl	9.351	154	1019864	52.878	ng	99
47) 2-Chloronaphthalene	9.375	162	810359	52.166	ng	99
48) 2-Nitroaniline	9.463	65	262607	55.273	ng	97
49) Acenaphthylene	9.792	152	1229494	54.747	ng	99
50) Dimethylphthalate	9.651	163	906003	52.500	ng	100
51) 2,6-Dinitrotoluene	9.710	165	194900	52.160	ng	97
52) Acenaphthene	9.963	154	829832	57.120	ng	100
53) 3-Nitroaniline	9.875	138	66235	17.189	ng	95
54) 2,4-Dinitrophenol	9.981	184	174070	109.503	ng	# 1
55) Dibenzofuran	10.134	168	1082199	51.919	ng	99
56) 4-Nitrophenol	10.028	139	273307	92.192	ng	97
57) 2,4-Dinitrotoluene	10.110	165	251738	54.785	ng	98
58) Fluorene	10.475	166	783612	49.358	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	223898	52.311	ng	97
60) Diethylphthalate	10.351	149	848123	50.054	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	407249	50.795	ng	99
62) 4-Nitroaniline	10.486	138	165645	45.516	ng	96
63) Azobenzene	10.628	77	883104	49.161	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	119844	69.099	ng	93
66) n-Nitrosodiphenylamine	10.586	169	726889	57.118	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	255354	58.295	ng	97
68) Hexachlorobenzene	11.022	284	273994	55.617	ng	99
69) Atrazine	11.110	200	221014	64.111	ng	99
70) Pentachlorophenol	11.216	266	315017	105.360	ng	99
71) Phenanthrene	11.439	178	1075089	53.528	ng	100
72) Anthracene	11.492	178	1092209	55.735	ng	100
73) Carbazole	11.639	167	912960	50.094	ng	99
74) Di-n-butylphthalate	11.975	149	1158274	55.009	ng	99
75) Fluoranthene	12.628	202	1008065	49.648	ng	99
77) Benzidine	12.745	184	85050	17.816	ng	99
78) Pyrene	12.857	202	1036554	40.790	ng	99
80) Butylbenzylphthalate	13.475	149	437486	57.423	ng	99
81) Benzo(a)anthracene	14.045	228	1007528	53.312	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	140100	25.426	ng	99
83) Chrysene	14.080	228	930561	53.703	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	596740	69.813	ng	# 99
85) Di-n-octyl phthalate	14.645	149	1130644	72.723	ng	97
87) Indeno(1,2,3-cd)pyrene	17.027	276	1032579	45.768	ng	98
88) Benzo(b)fluoranthene	15.098	252	1193133	55.851	ng	100
89) Benzo(k)fluoranthene	15.127	252	937254	50.872	ng	100
90) Benzo(a)pyrene	15.469	252	1024977	58.310	ng	100
91) Dibenzo(a,h)anthracene	17.051	278	863782	45.895	ng	98
92) Benzo(g,h,i)perylene	17.480	276	726513	38.645	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

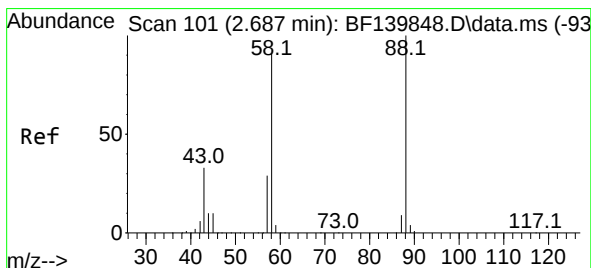
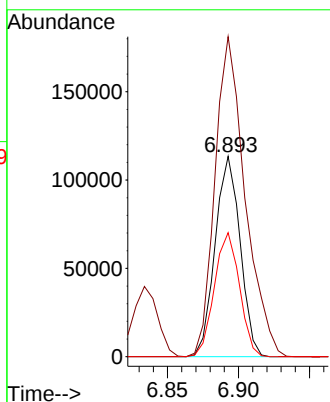
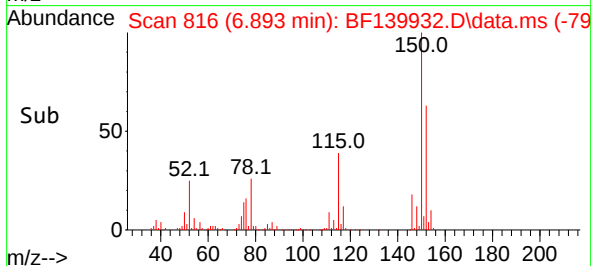
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



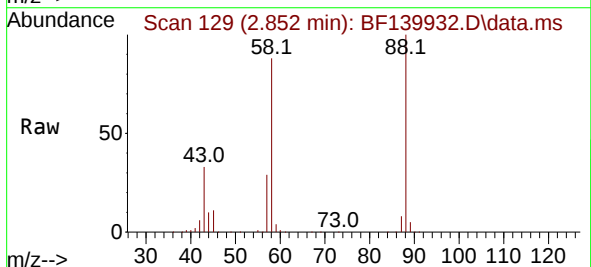
Tgt Ion:152 Resp: 138748
Ion Ratio Lower Upper
152 100
150 159.8 130.2 195.2
115 61.9 51.4 77.2

Manual Integrations
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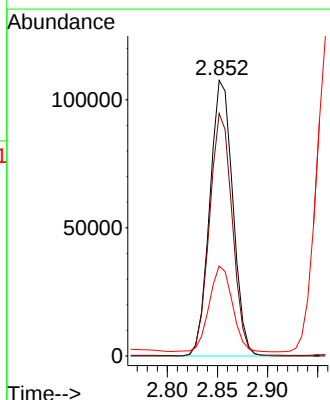
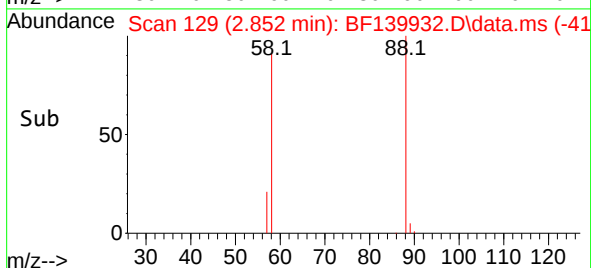
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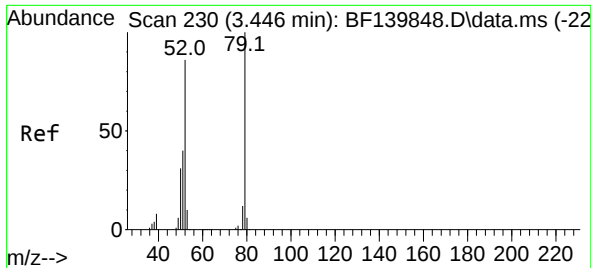


#2
1,4-Dioxane
Concen: 41.549 ng
RT: 2.852 min Scan# 129
Delta R.T. 0.165 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



Tgt Ion: 88 Resp: 171692
Ion Ratio Lower Upper
88 100
58 87.5 73.3 109.9
43 0.0 27.1 40.7#





#3

Pyridine

Concen: 39.805 ng

RT: 3.563 min Scan# 21

Delta R.T. 0.118 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion: 79 Resp: 407709

Ion Ratio Lower Upper

79 100

52 82.7 68.5 102.7

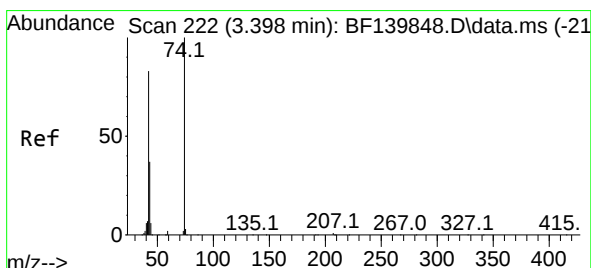
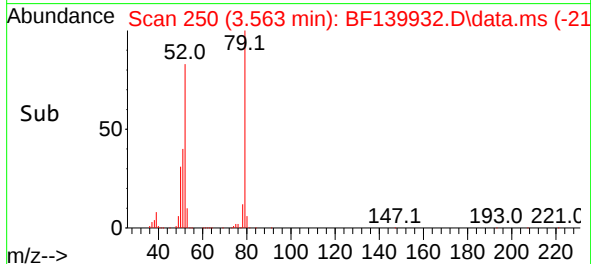
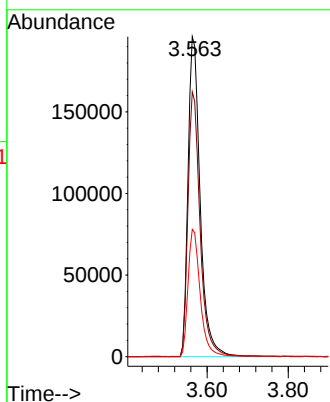
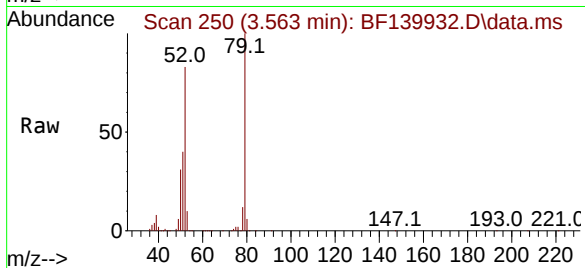
51 39.8 32.3 48.5

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 44.569 ng

RT: 3.499 min Scan# 239

Delta R.T. 0.100 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

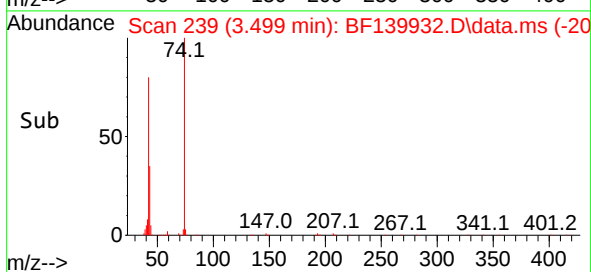
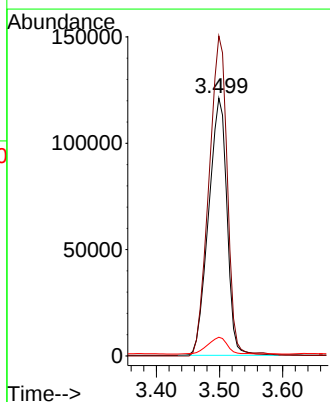
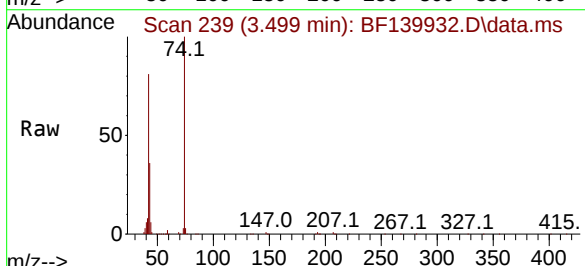
Tgt Ion: 42 Resp: 245272

Ion Ratio Lower Upper

42 100

74 124.1 96.2 144.4

44 7.2 6.2 9.2





#5
2-Fluorophenol
Concen: 133.304 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.024 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

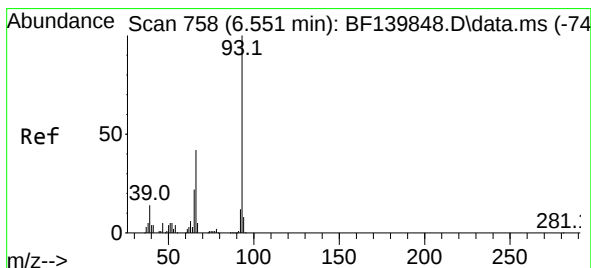
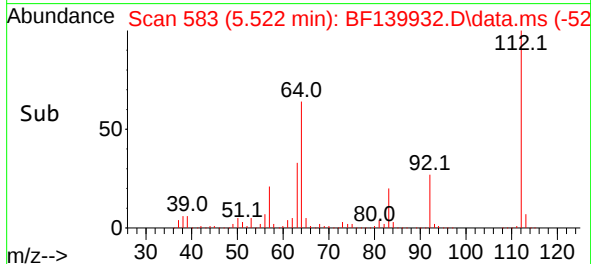
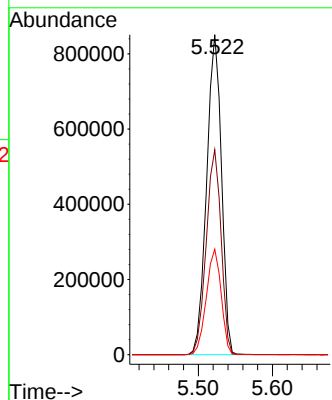
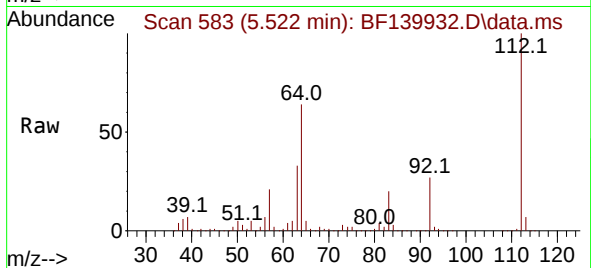
IB-1MSD

Tgt Ion:112 Resp: 118146
Ion Ratio Lower Upper
112 100
64 64.0 53.0 79.6
63 32.9 27.0 40.4

Manual Integrations

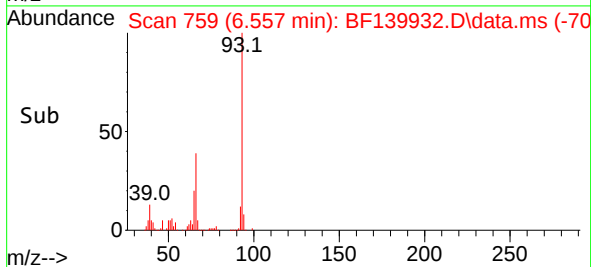
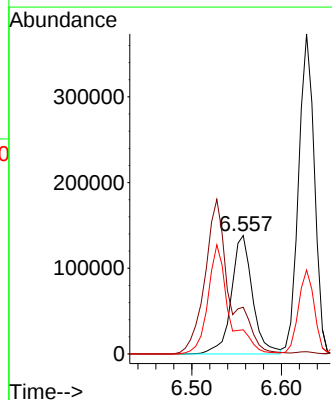
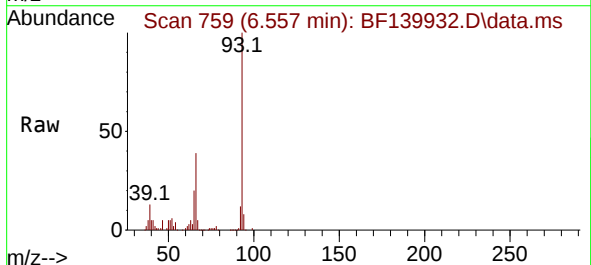
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Supervised By :mohammad ahmed 10/24/2024



#6
Aniline
Concen: 21.125 ng
RT: 6.557 min Scan# 759
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 93 Resp: 225996
Ion Ratio Lower Upper
93 100
66 39.5 34.0 51.0
65 20.4 17.4 26.0





#7

Phenol-d6

Concen: 123.962 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion: 99 Resp: 1422949

Ion Ratio Lower Upper

99 100

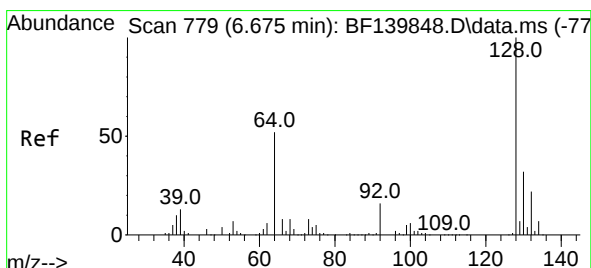
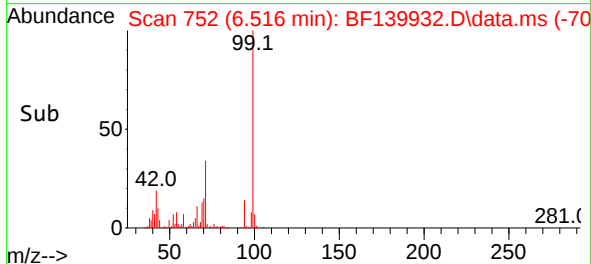
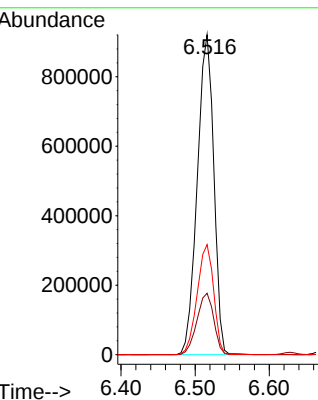
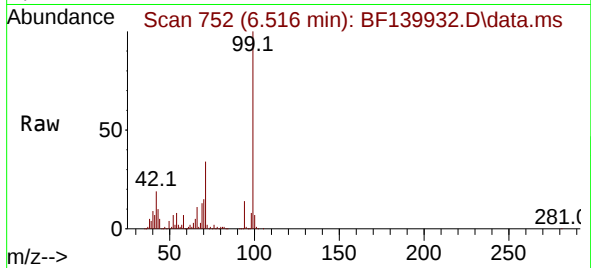
42 19.2 16.7 25.1

71 34.4 27.7 41.5

Manual Integrations

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#8

2-Chlorophenol

Concen: 51.165 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

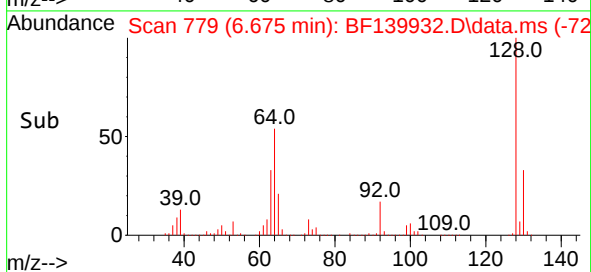
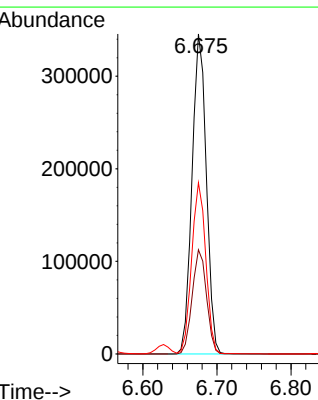
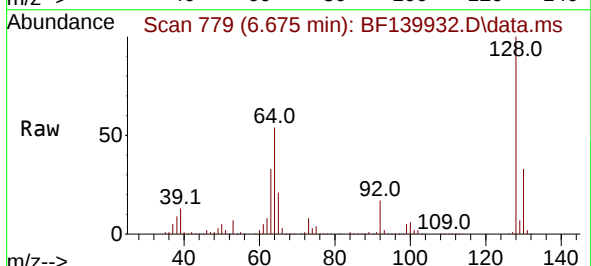
Tgt Ion:128 Resp: 463587

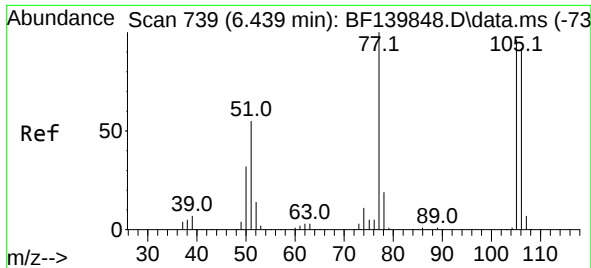
Ion Ratio Lower Upper

128 100

130 32.6 12.3 52.3

64 53.5 34.6 74.6





#9
Benzaldehyde
Concen: 9.096 ng
RT: 6.446 min Scan# 740
Delta R.T. 0.007 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

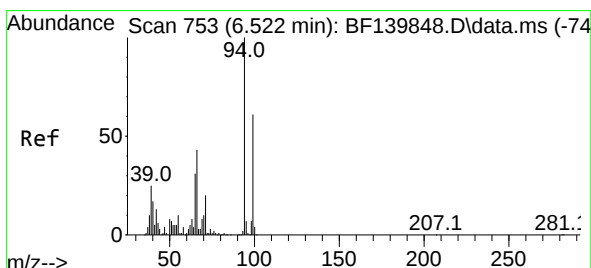
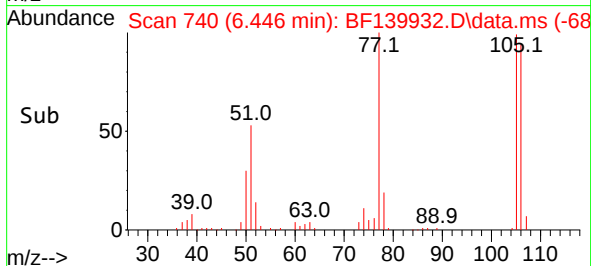
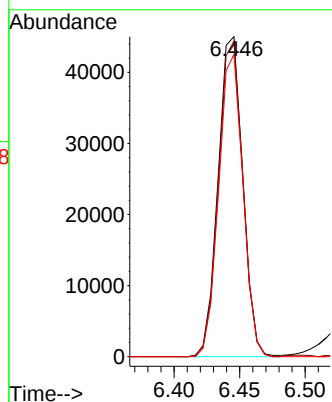
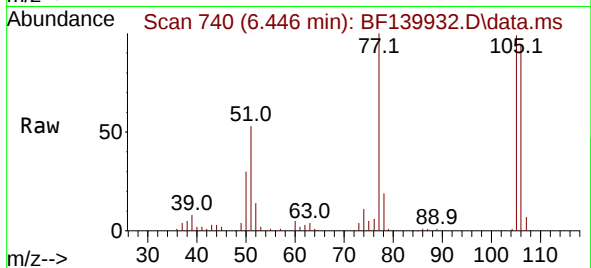
Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion: 77 Resp: 5873

Ion	Ratio	Lower	Upper
77	100		
105	98.6	75.5	115.5
106	94.4	71.7	111.7

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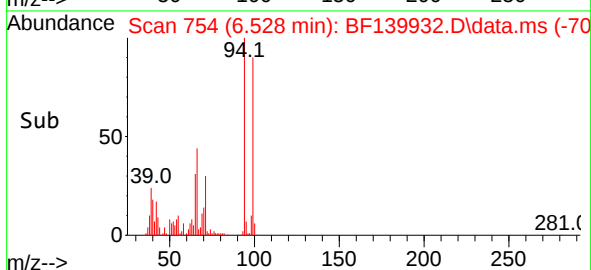
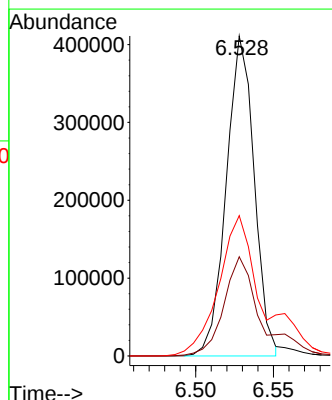
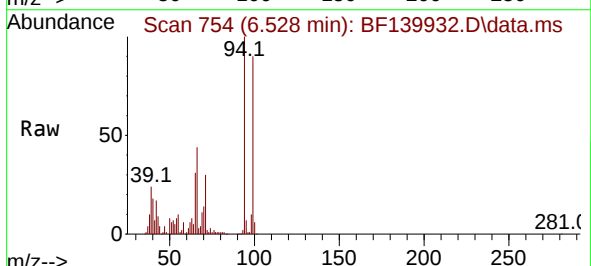
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#10
Phenol
Concen: 43.393 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 94 Resp: 513524

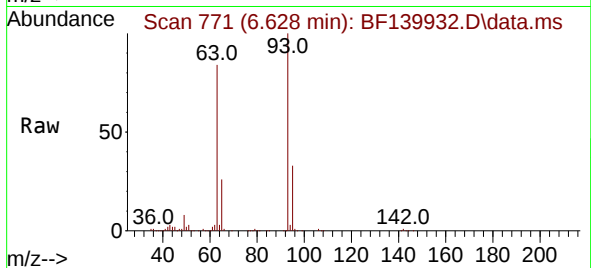
Ion	Ratio	Lower	Upper
94	100		
65	31.0	11.1	51.1
66	43.9	22.7	62.7





#11
bis(2-Chloroethyl)ether
Concen: 49.498 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

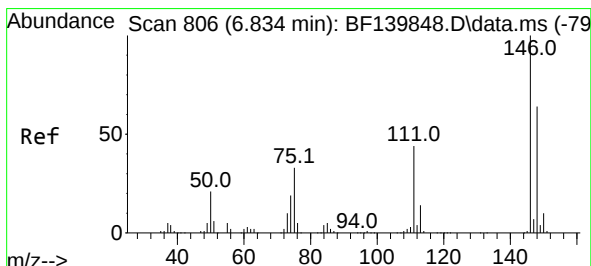
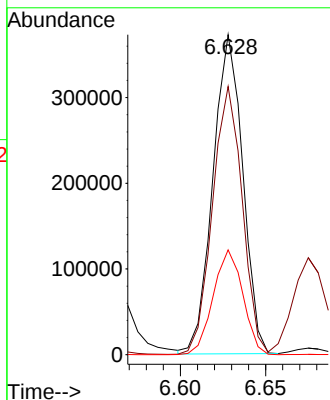
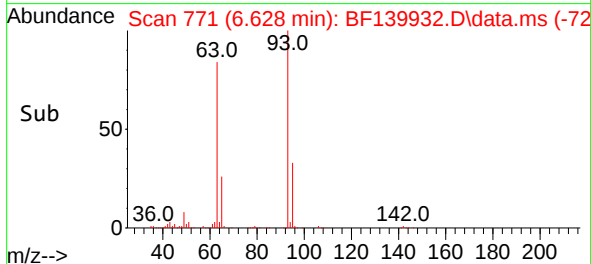
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



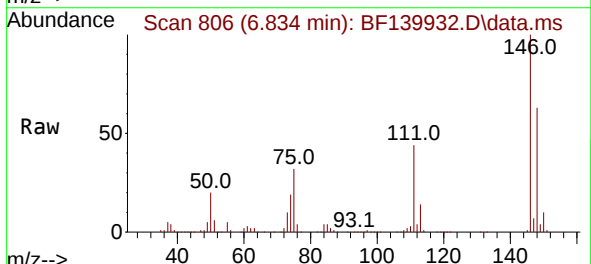
Tgt Ion: 93 Resp: 452758
Ion Ratio Lower Upper
93 100
63 83.8 65.0 105.0
95 32.8 12.4 52.4

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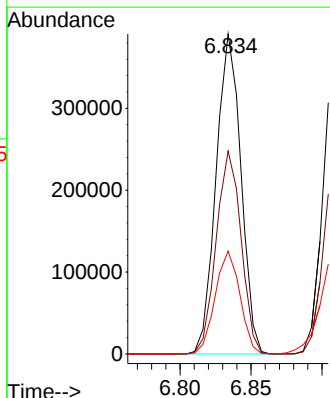
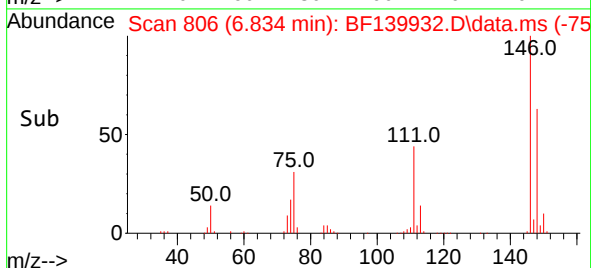
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#12
1,3-Dichlorobenzene
Concen: 45.659 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



Tgt Ion:146 Resp: 474895
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
75 32.1 26.4 39.6





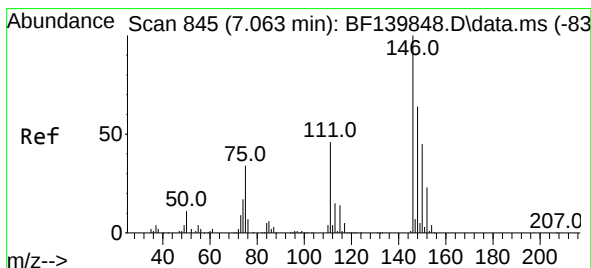
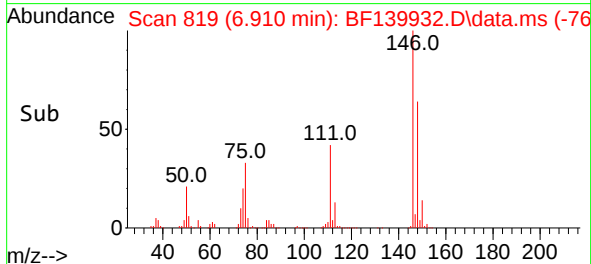
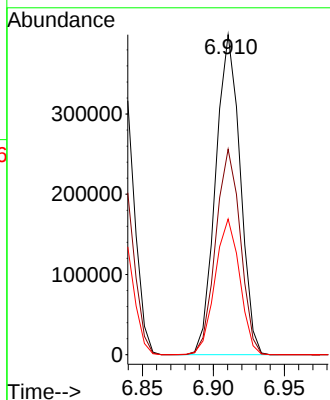
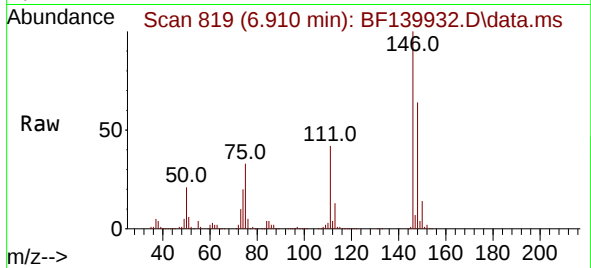
#13
1,4-Dichlorobenzene
Concen: 46.156 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:146 Resp: 479610
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.4 34.6 51.8

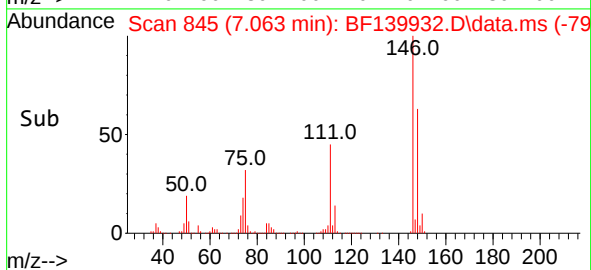
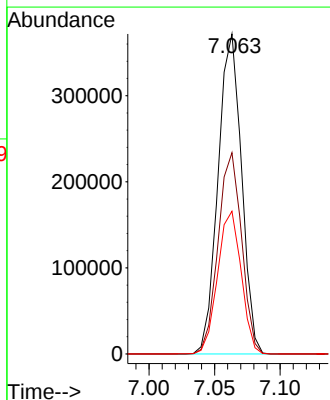
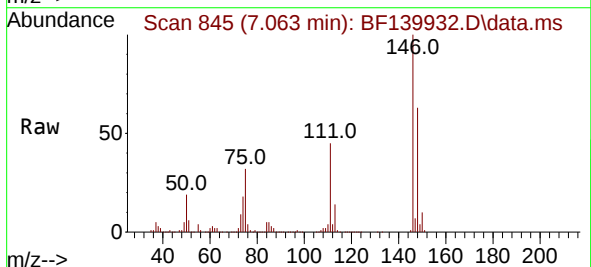
Manual Integrations
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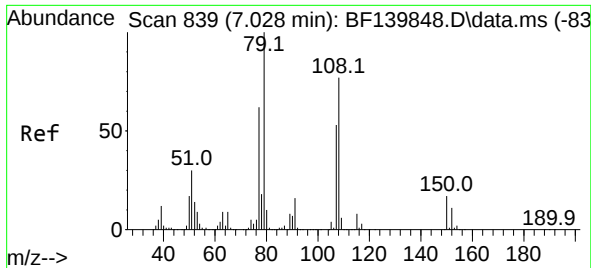
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#14
1,2-Dichlorobenzene
Concen: 47.668 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

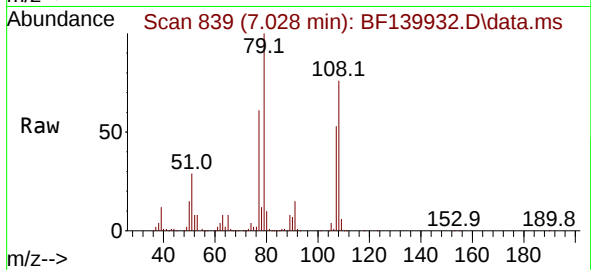
Tgt Ion:146 Resp: 462280
Ion Ratio Lower Upper
146 100
148 62.9 51.4 77.2
111 44.6 36.7 55.1





#15
Benzyl Alcohol
Concen: 51.661 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

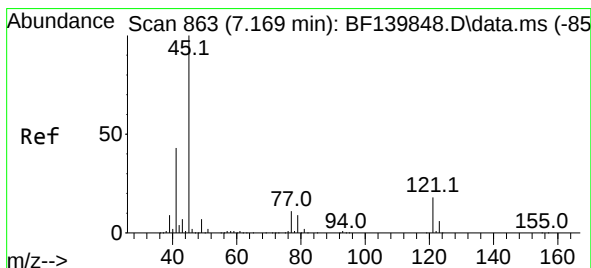
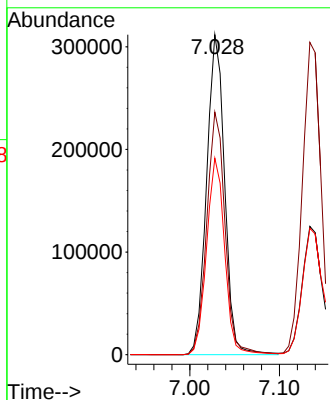
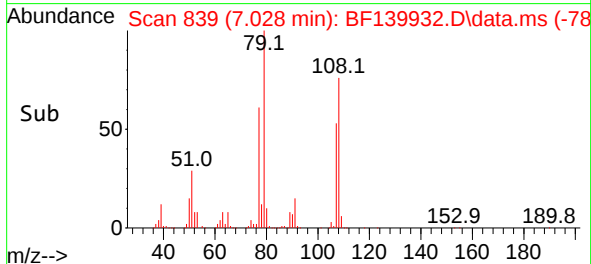
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion: 79 Resp: 43500
Ion Ratio Lower Upper
79 100
108 75.8 61.4 92.0
77 61.4 49.9 74.9

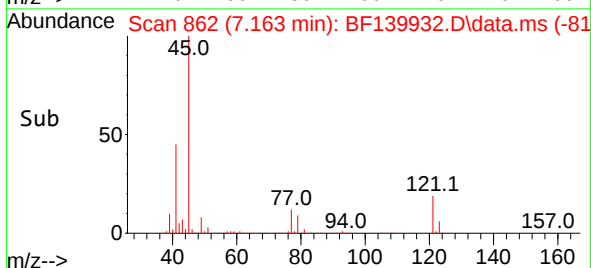
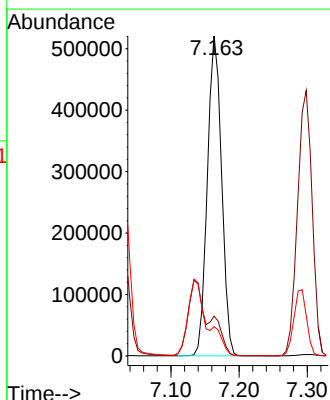
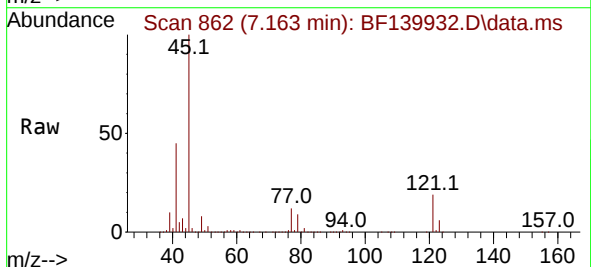
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.336 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

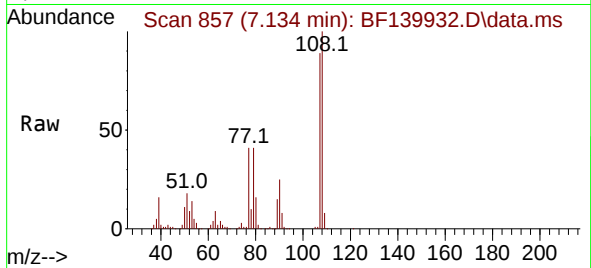
Tgt Ion: 45 Resp: 753890
Ion Ratio Lower Upper
45 100
77 12.4 0.0 31.5
79 9.2 0.0 29.1





#17
2-Methylphenol
Concen: 49.779 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

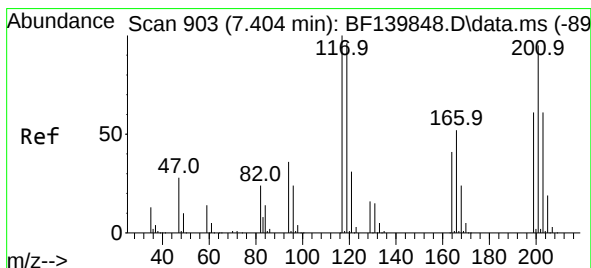
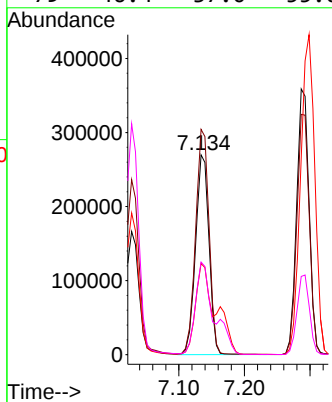
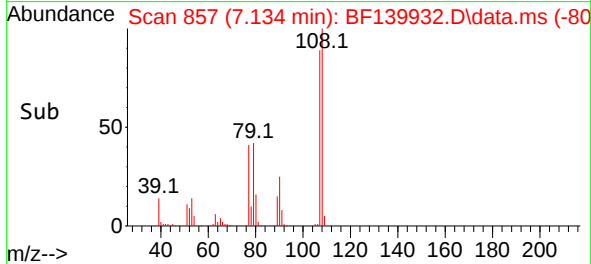
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:107 Resp: 384589
Ion Ratio Lower Upper
107 100
108 112.8 91.3 136.9
77 45.7 37.1 55.7
79 46.4 37.0 55.6

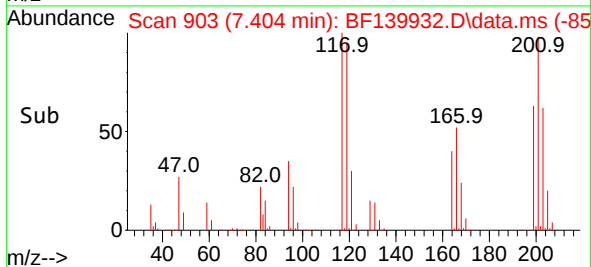
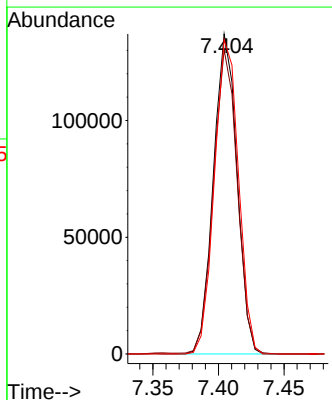
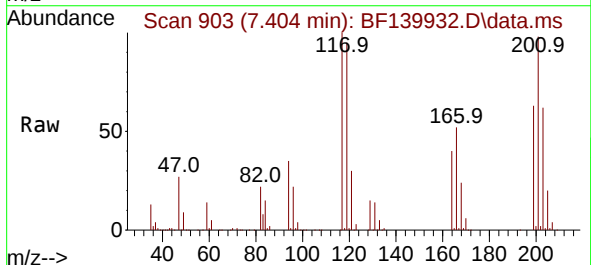
Manual Integrations
APPROVED

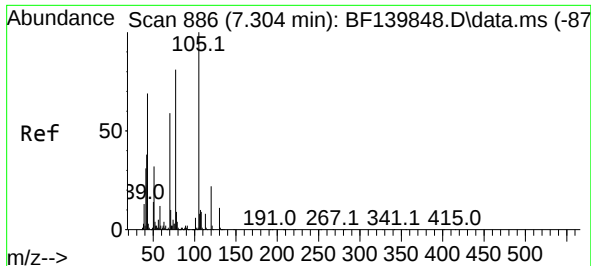
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#18
Hexachloroethane
Concen: 46.211 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

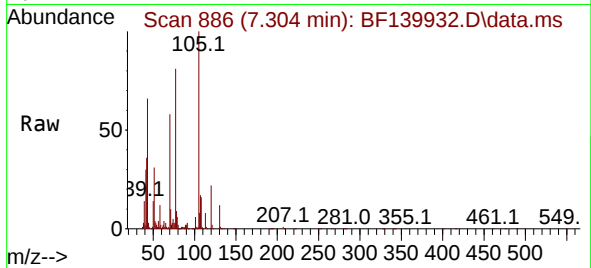
Tgt Ion:117 Resp: 171232
Ion Ratio Lower Upper
117 100
119 95.1 77.0 115.4
201 98.2 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 48.980 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

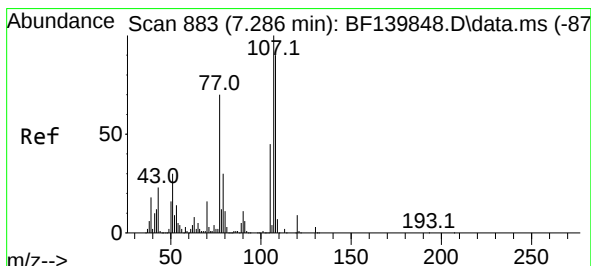
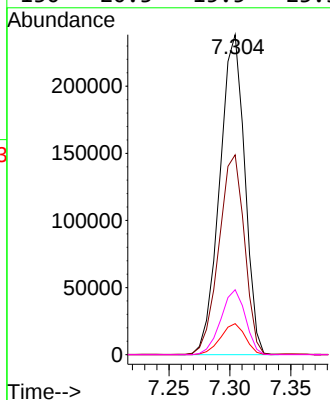
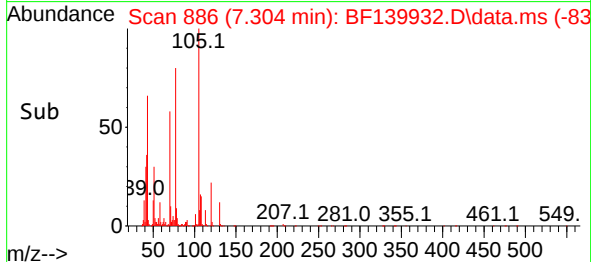
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



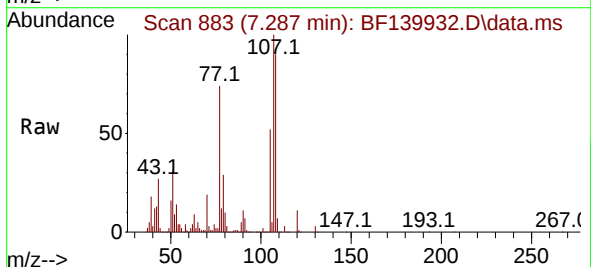
Tgt Ion: 70 Resp: 340994
Ion Ratio Lower Upper
70 100
42 62.4 51.5 77.3
101 9.7 7.5 11.3
130 20.3 15.5 23.3

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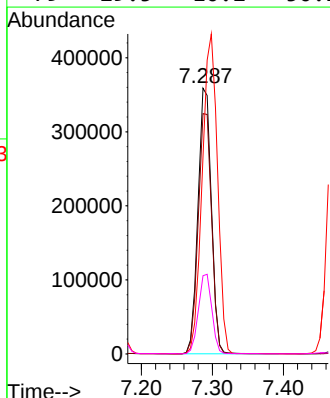
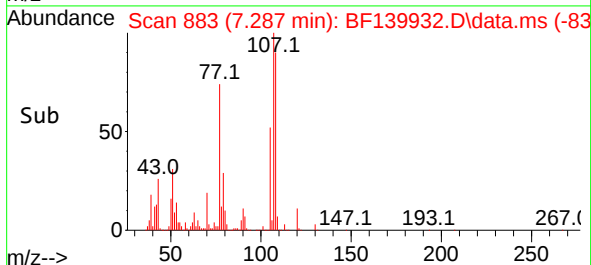
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#20
3+4-Methylphenols
Concen: 47.675 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



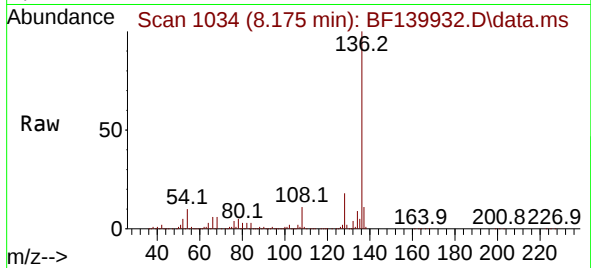
Tgt Ion:107 Resp: 471130
Ion Ratio Lower Upper
107 100
108 90.4 69.8 109.8
77 74.3 50.5 90.5
79 29.5 10.2 50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

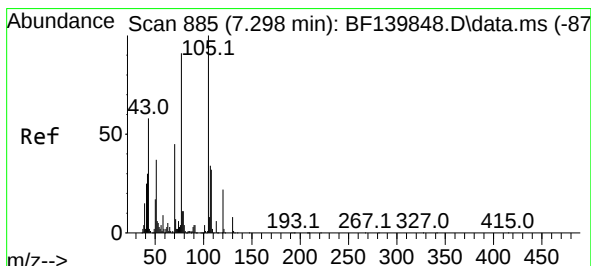
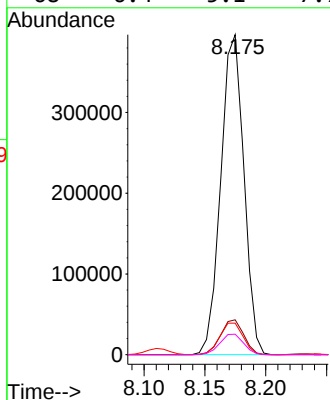
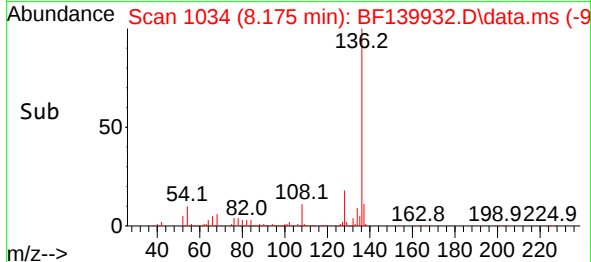
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:136 Resp: 523454
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.9 8.4 12.6
68 6.4 5.1 7.7

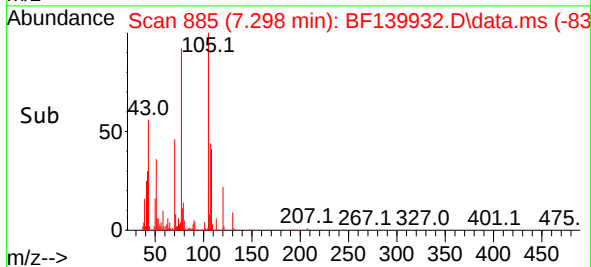
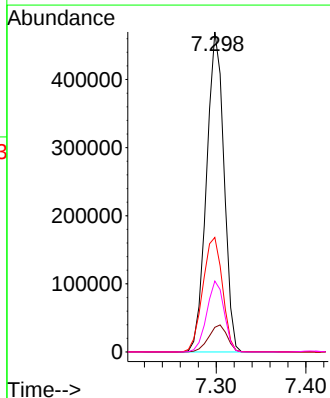
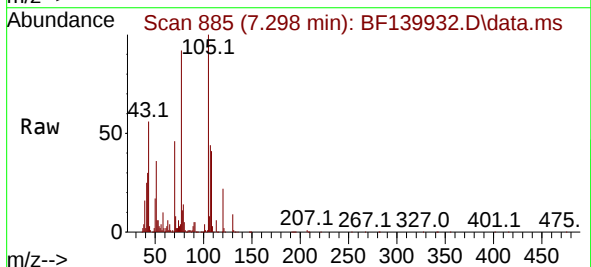
Manual Integrations
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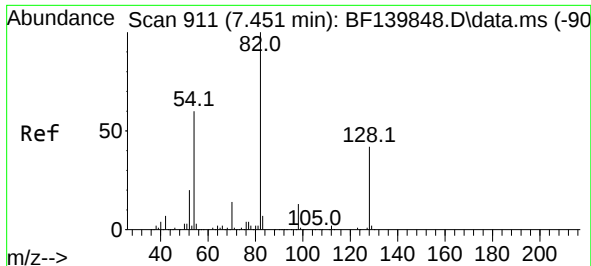
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#22
Acetophenone
Concen: 49.551 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:105 Resp: 635302
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 35.8 29.4 44.2
120 22.1 17.5 26.3





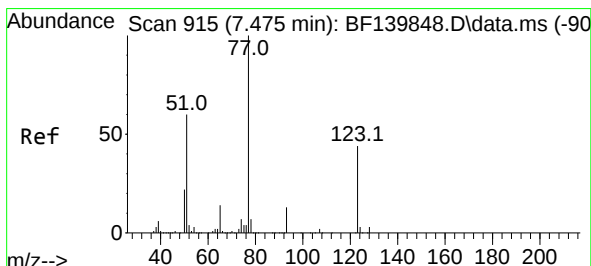
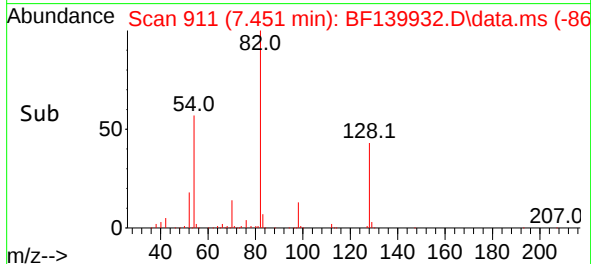
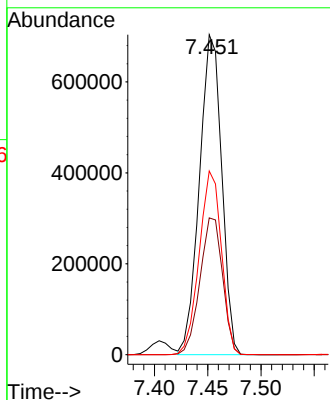
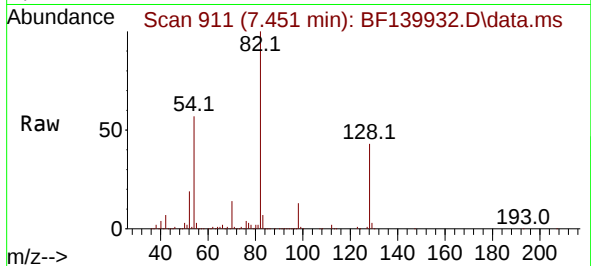
#23
Nitrobenzene-d5
Concen: 108.545 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion: 82 Resp: 102516
Ion Ratio Lower Upper
82 100
128 42.8 33.4 50.0
54 57.4 47.8 71.8

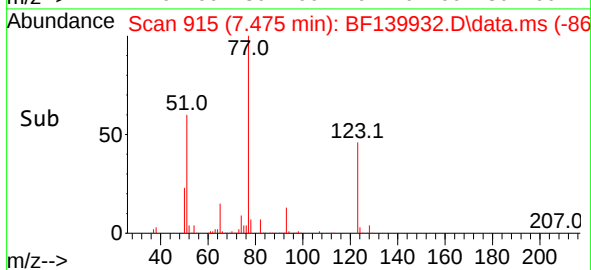
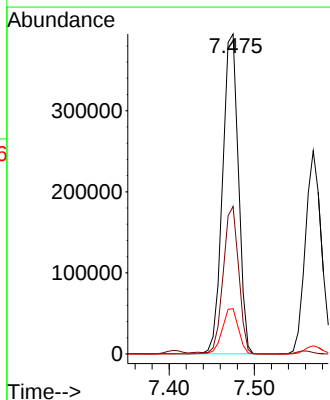
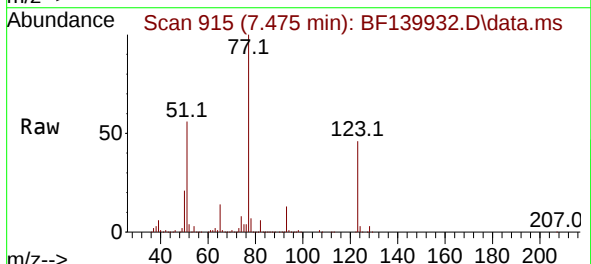
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#24
Nitrobenzene
Concen: 49.196 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

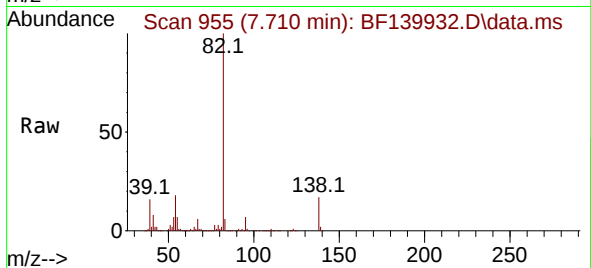
Tgt Ion: 77 Resp: 509423
Ion Ratio Lower Upper
77 100
123 46.1 35.7 53.5
65 14.1 11.5 17.3





#25
Isophorone
Concen: 51.530 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

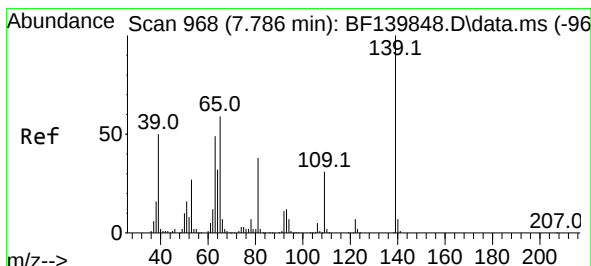
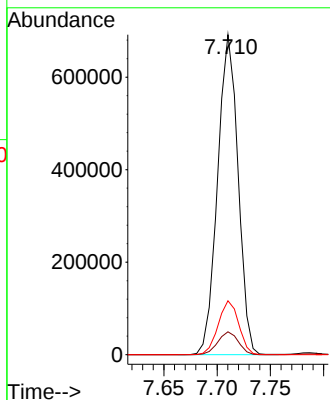
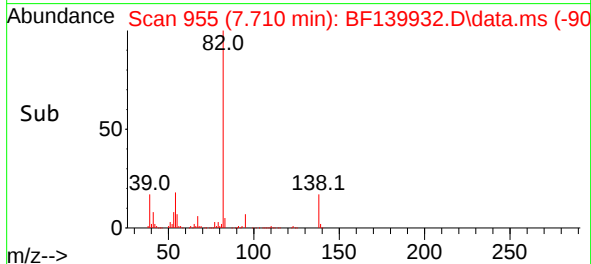
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



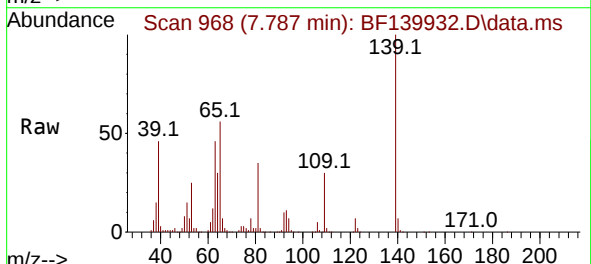
Tgt Ion: 82 Resp: 923720
Ion Ratio Lower Upper
82 100
95 7.2 5.5 8.3
138 16.8 13.2 19.8

Manual Integrations
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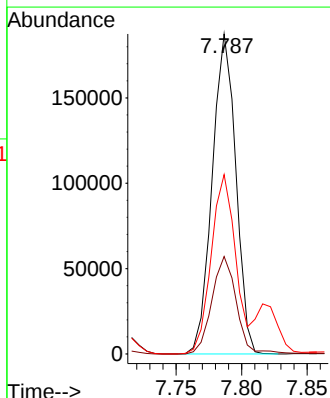
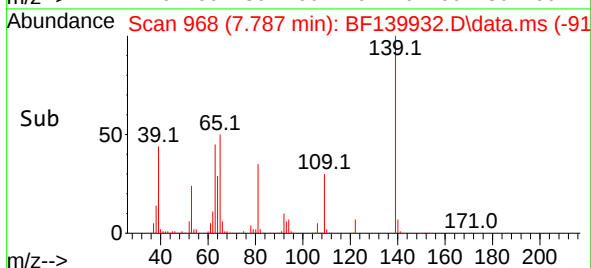
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#26
2-Nitrophenol
Concen: 60.025 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



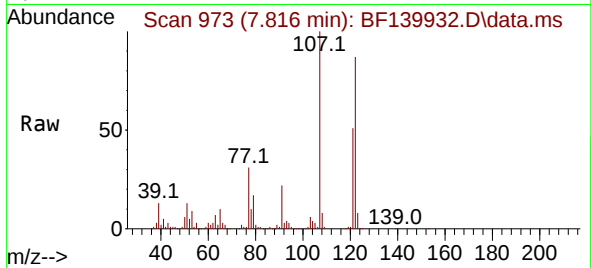
Tgt Ion:139 Resp: 234486
Ion Ratio Lower Upper
139 100
109 30.4 25.1 37.7
65 56.1 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 59.217 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

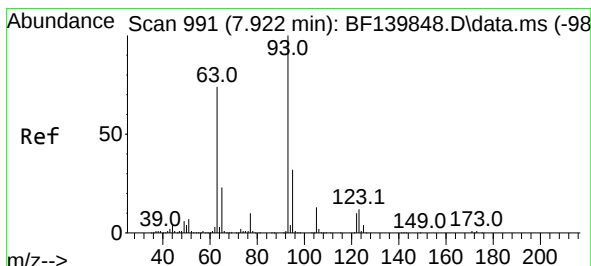
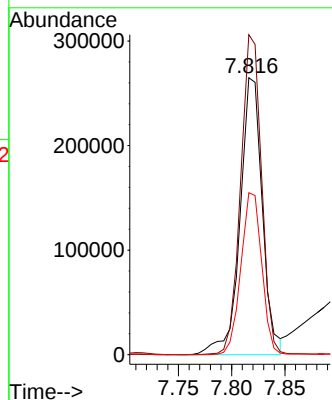
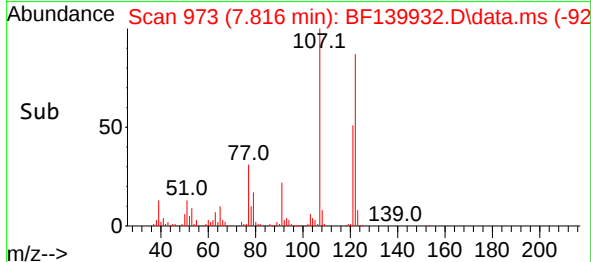
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:122 Resp: 385728
Ion Ratio Lower Upper
122 100
107 115.6 91.9 137.9
121 58.5 46.2 69.4

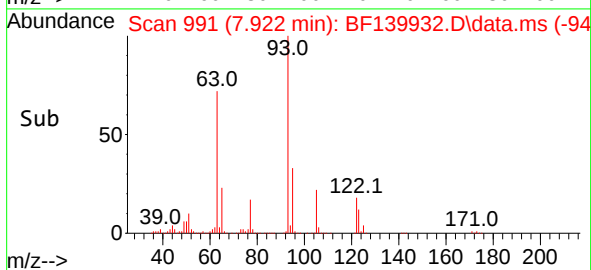
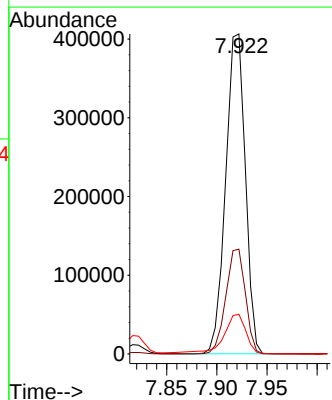
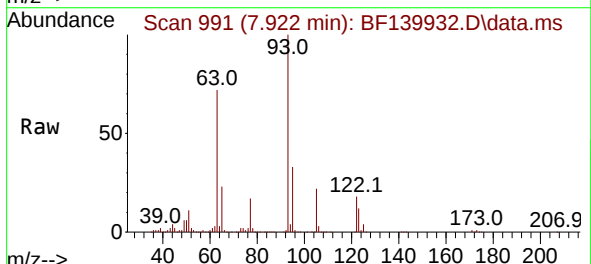
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#28
bis(2-Chloroethoxy)methane
Concen: 50.992 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion: 93 Resp: 553814
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 51.574 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

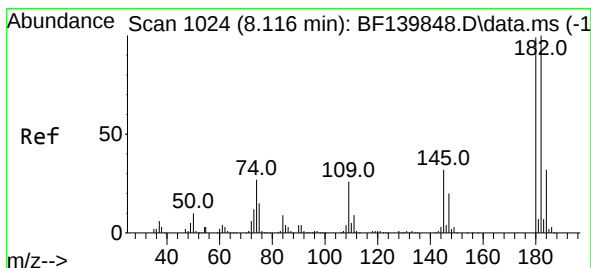
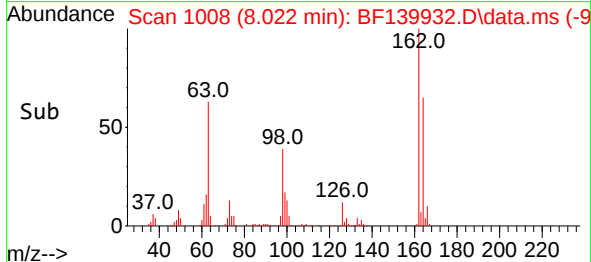
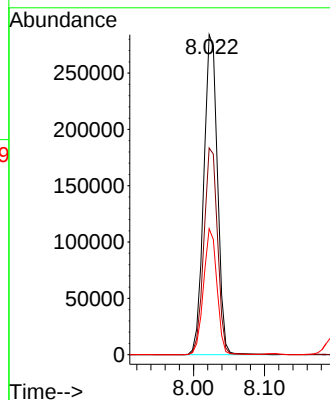
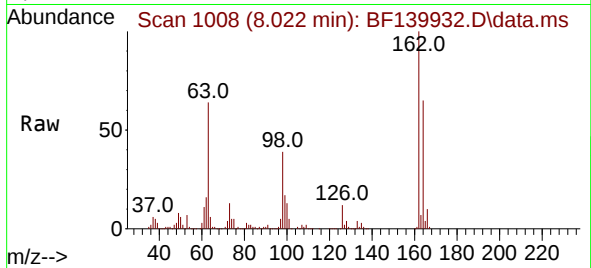
IB-1MSD

Tgt Ion:162	Resp: 38265
Ion Ratio	Lower Upper
162 100	
164 64.6	43.9 83.9
98 39.4	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#30

1,2,4-Trichlorobenzene

Concen: 48.189 ng

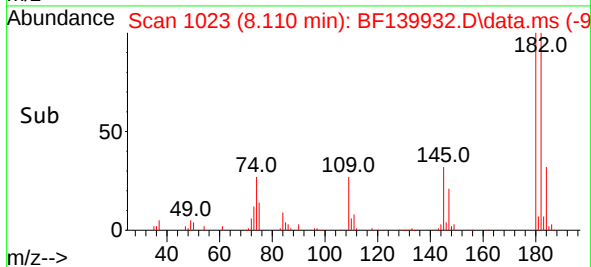
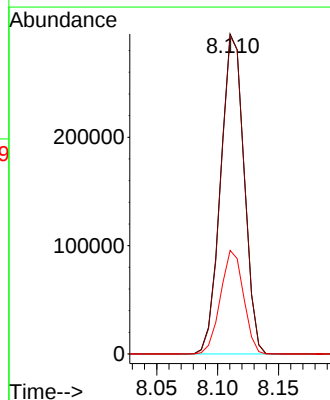
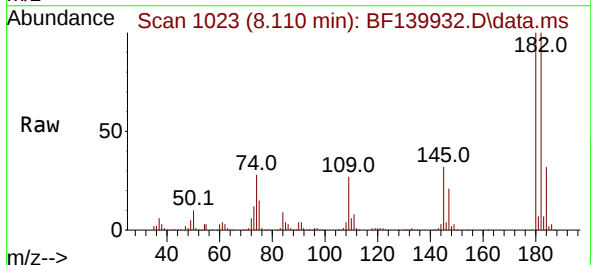
RT: 8.110 min Scan# 1023

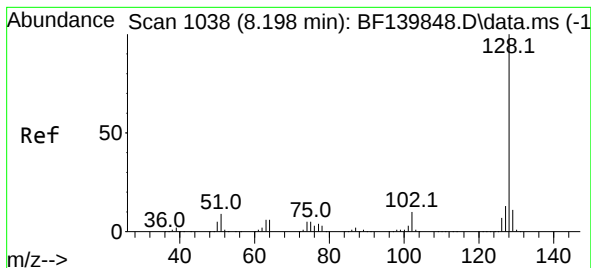
Delta R.T. -0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Tgt Ion:180	Resp: 395619
Ion Ratio	Lower Upper
180 100	
182 99.6	80.5 120.7
145 32.3	25.4 38.0





#31

Naphthalene

Concen: 49.500 ng

RT: 8.193 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:128 Resp: 1336340

Ion Ratio Lower Upper

128 100

129 11.2 8.9 13.3

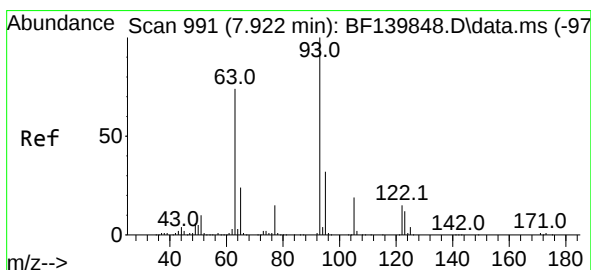
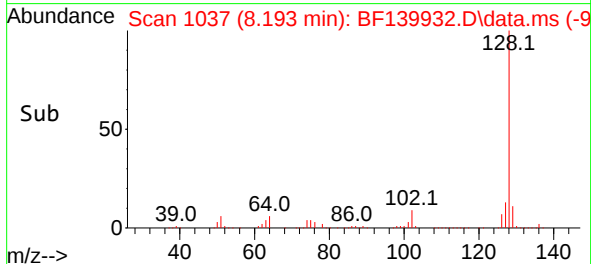
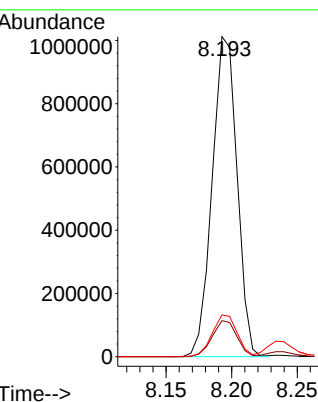
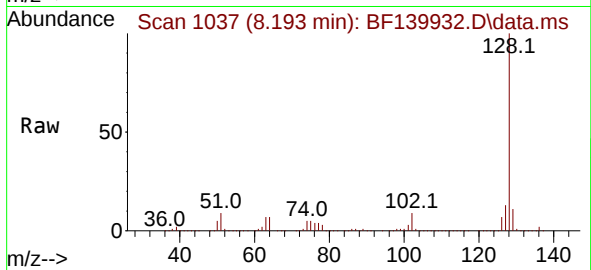
127 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#32

Benzoic acid

Concen: 44.163 ng

RT: 7.916 min Scan# 990

Delta R.T. -0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

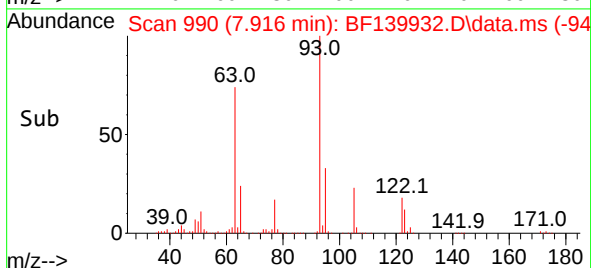
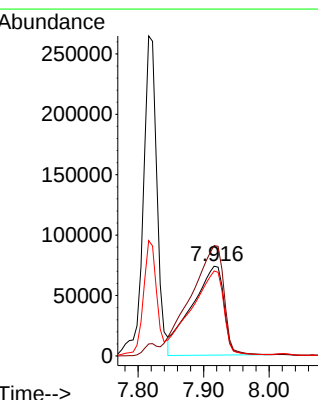
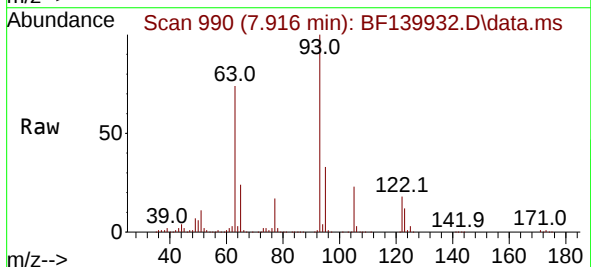
Tgt Ion:122 Resp: 250906

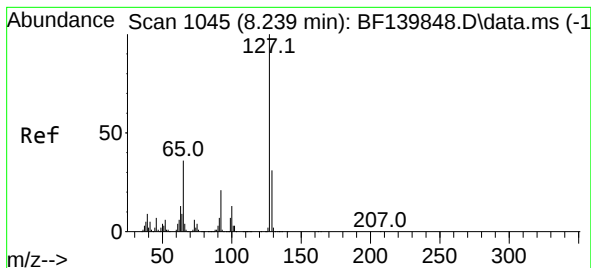
Ion Ratio Lower Upper

122 100

105 123.0 107.6 147.6

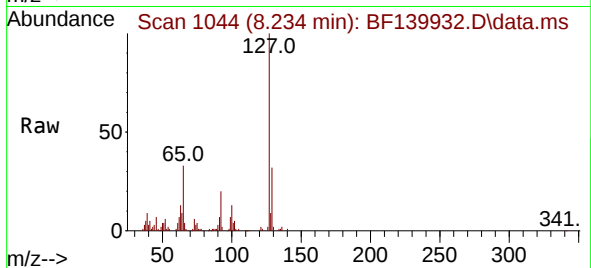
77 94.8 80.2 120.2





#33
4-Chloroaniline
Concen: 8.025 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

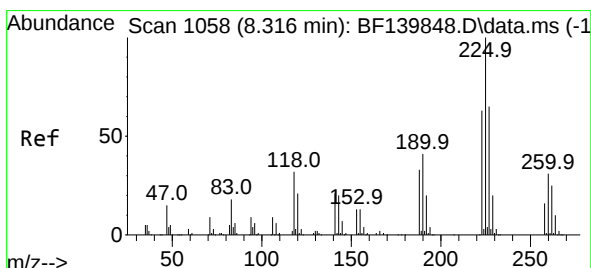
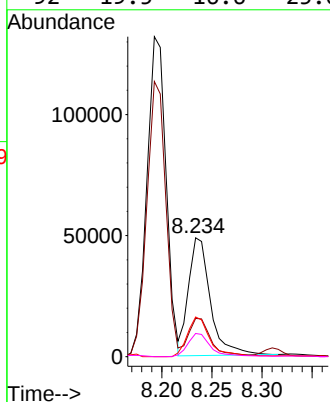
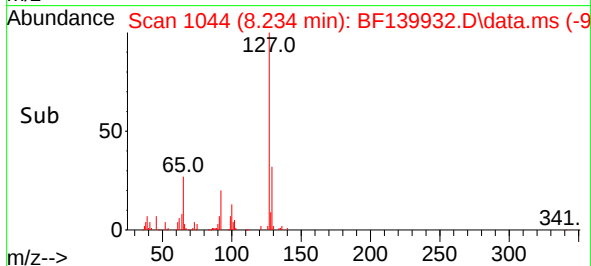
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:	127	Resp:	73874
Ion	Ratio	Lower	Upper
127	100		
129	32.2	25.4	38.2
65	33.5	28.4	42.6
92	19.5	16.6	25.0

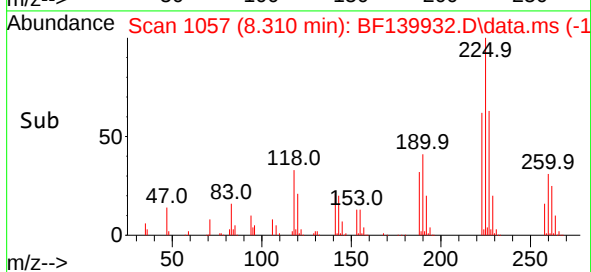
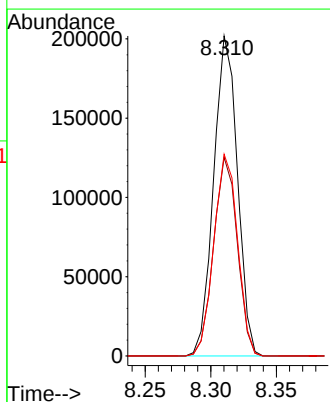
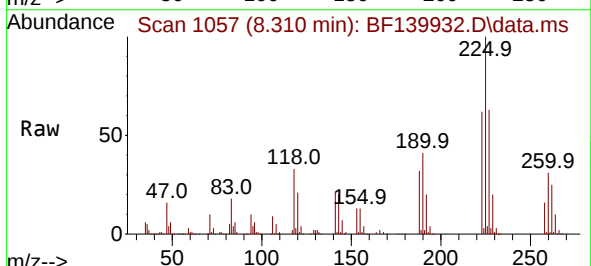
Manual Integrations
APPROVED

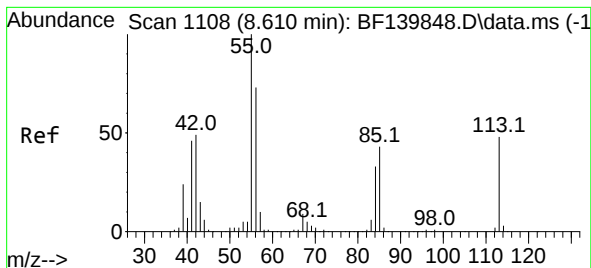
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#34
Hexachlorobutadiene
Concen: 49.194 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:	225	Resp:	253755
Ion	Ratio	Lower	Upper
225	100		
223	62.1	50.6	76.0
227	63.1	51.8	77.8





#35

Caprolactam

Concen: 42.711 ng m

RT: 8.598 min Scan# 1106

Delta R.T. -0.011 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:113 Resp: 100760

Ion Ratio Lower Upper

113 100

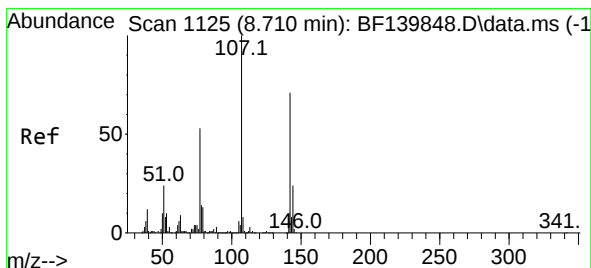
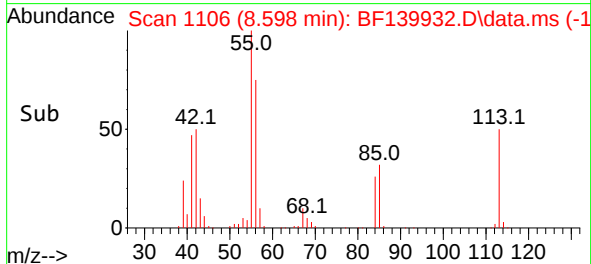
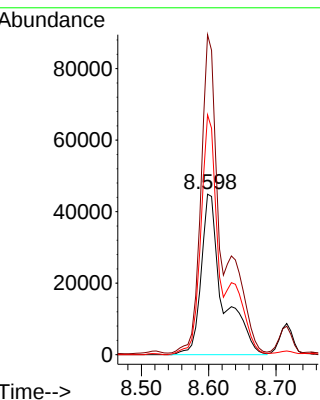
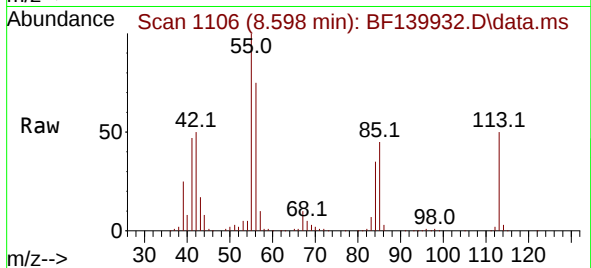
55 199.4 189.2 229.2

56 149.5 132.5 172.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#36

4-Chloro-3-methylphenol

Concen: 49.618 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

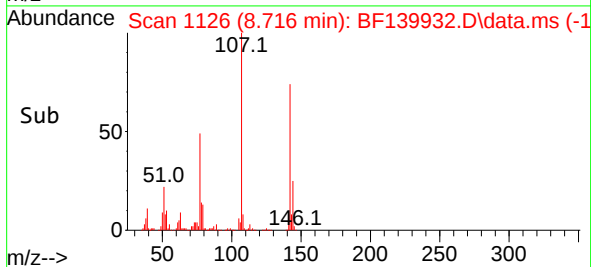
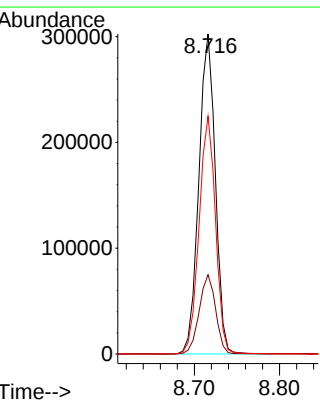
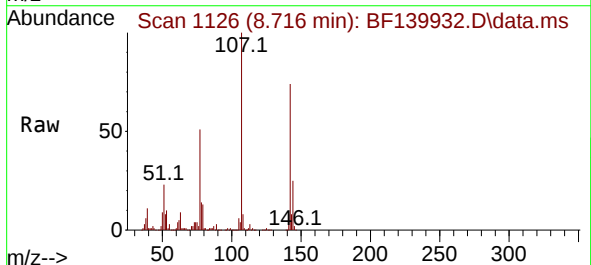
Tgt Ion:107 Resp: 407634

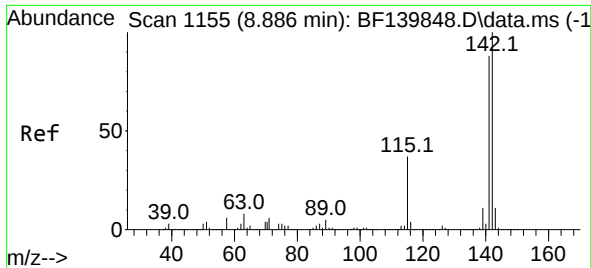
Ion Ratio Lower Upper

107 100

144 24.8 19.1 28.7

142 74.3 57.2 85.8





#37

2-Methylnaphthalene

Concen: 51.171 ng

RT: 8.887 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:142 Resp: 84604

Ion Ratio Lower Upper

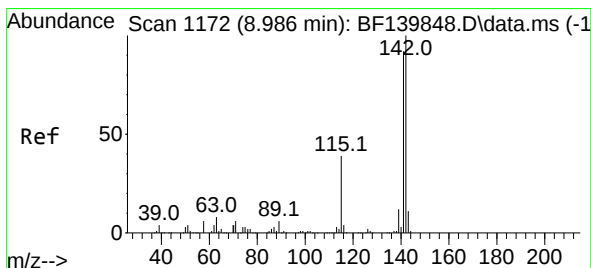
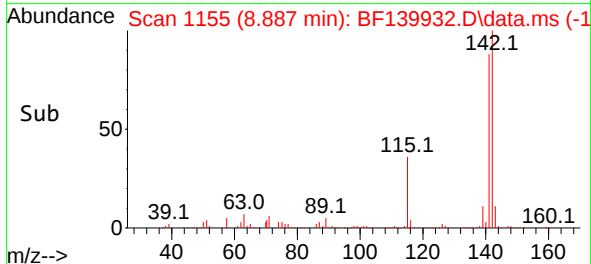
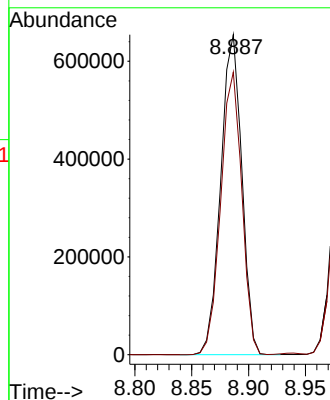
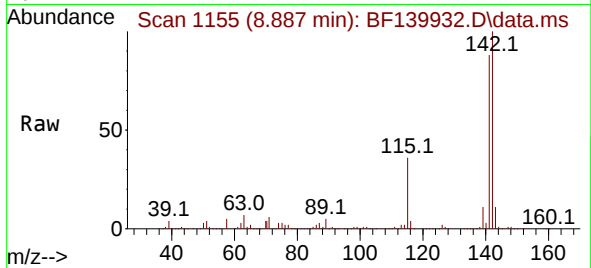
142 100

141 88.3 70.8 106.2

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#38

1-Methylnaphthalene

Concen: 48.642 ng

RT: 8.987 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139932.D

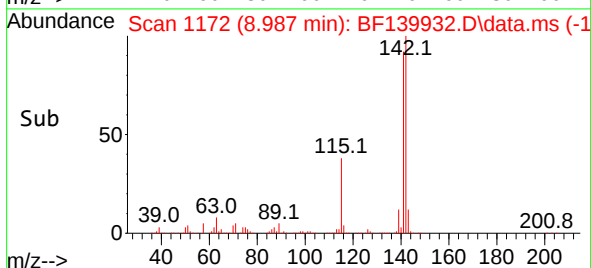
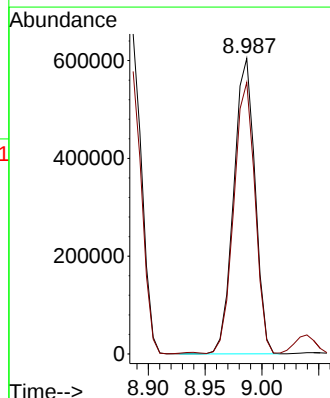
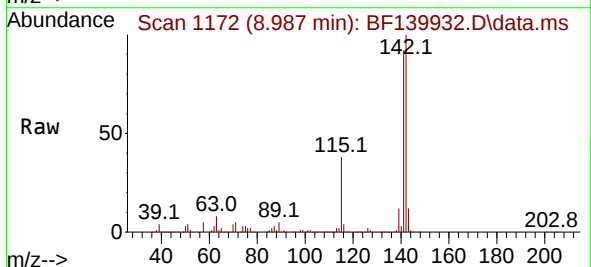
Acq: 22 Oct 2024 16:59

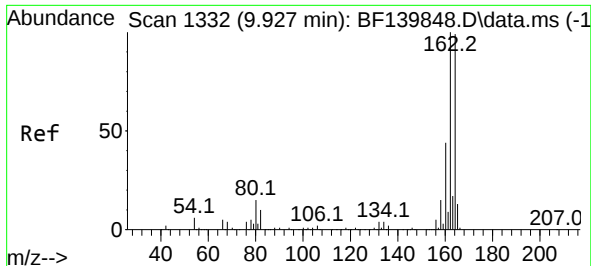
Tgt Ion:142 Resp: 789047

Ion Ratio Lower Upper

142 100

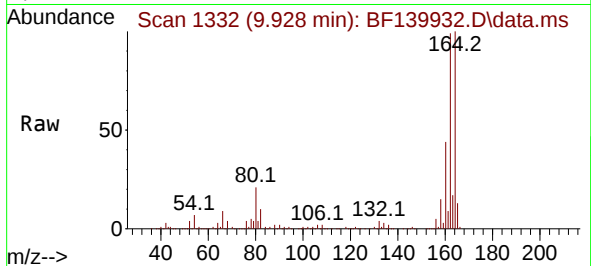
141 91.9 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1132
Delta R.T. 0.001 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

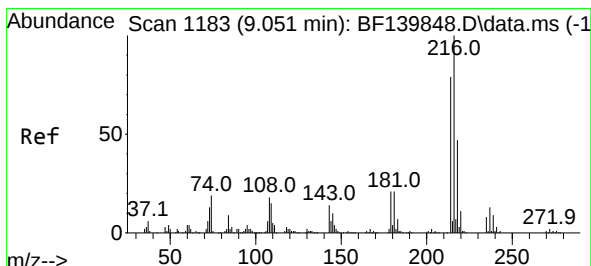
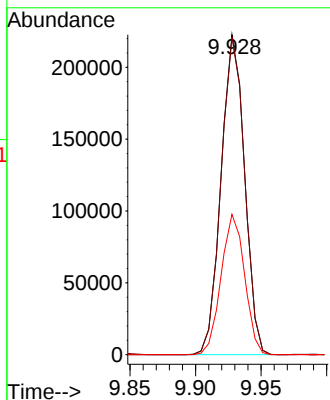
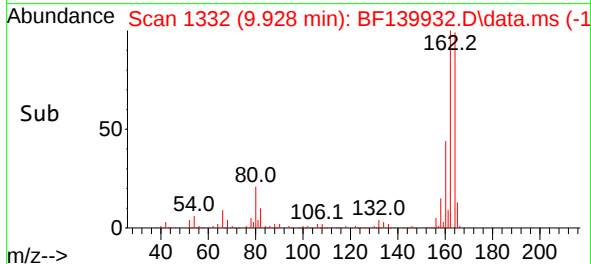
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



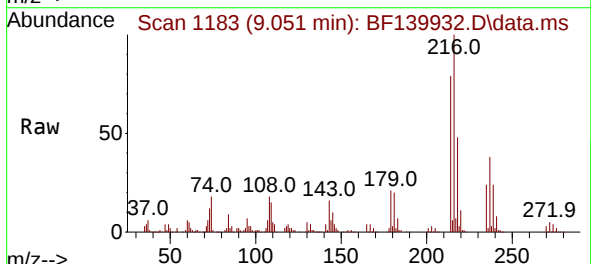
Tgt Ion:164 Resp: 277058
Ion Ratio Lower Upper
164 100
162 99.2 81.0 121.4
160 43.9 35.4 53.0

Manual Integrations
APPROVED

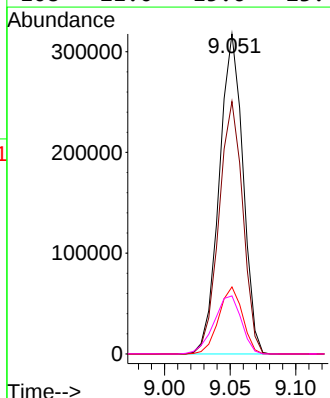
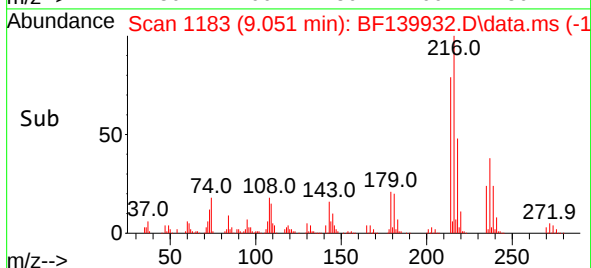
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

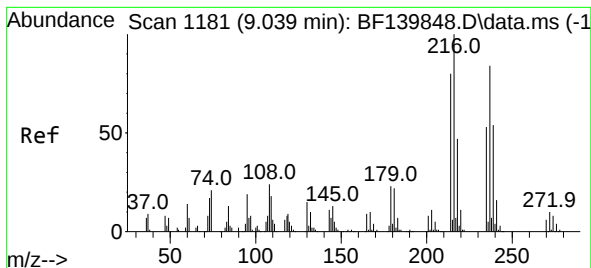


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.378 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



Tgt Ion:216 Resp: 398976
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.0
179 20.9 17.2 25.8
108 21.0 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 173.129 ng

RT: 9.040 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

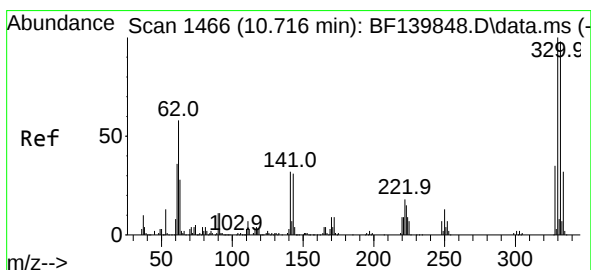
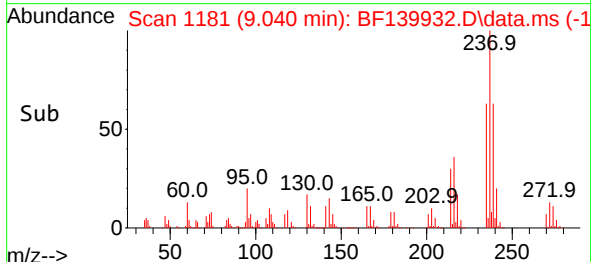
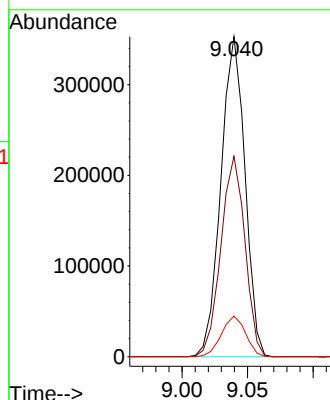
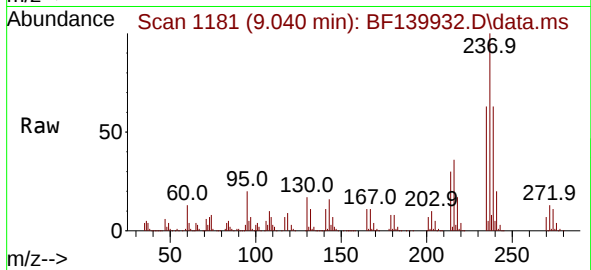
IB-1MSD

Tgt Ion:	237	Resp:	45027
Ion Ratio	Lower	Upper	
237	100		
235	62.6	42.9	82.9
272	12.7	0.0	32.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#42

2,4,6-Tribromophenol

Concen: 151.033 ng

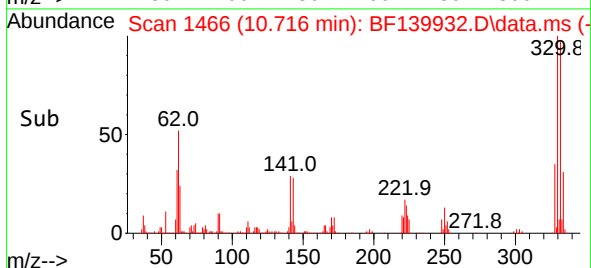
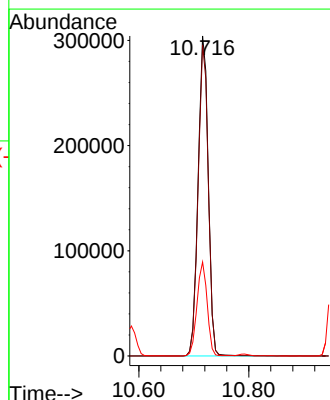
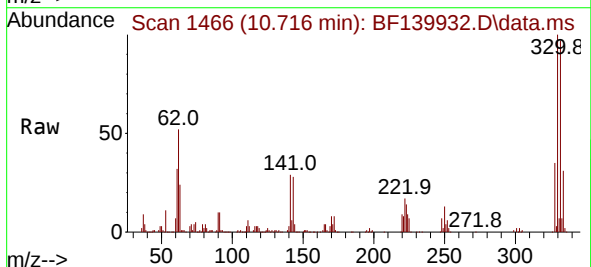
RT: 10.716 min Scan# 1466

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

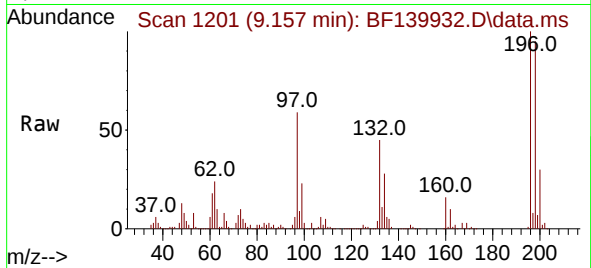
Tgt Ion:	330	Resp:	391405
Ion Ratio	Lower	Upper	
330	100		
332	97.0	78.1	117.1
141	29.4	26.6	39.8





#43
2,4,6-Trichlorophenol
Concen: 54.580 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

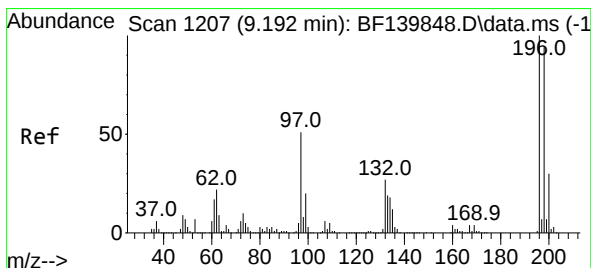
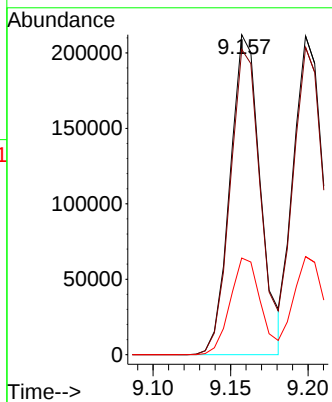
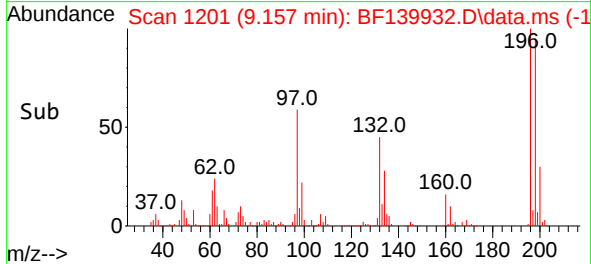
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



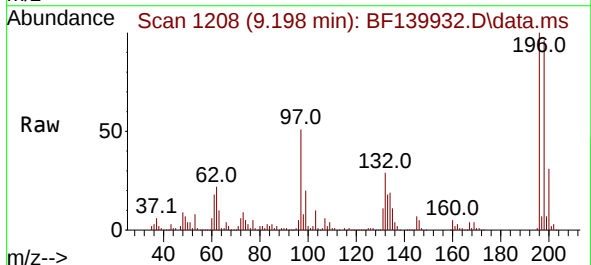
Tgt Ion:196 Resp: 28883
Ion Ratio Lower Upper
196 100
198 95.4 76.2 114.2
200 30.2 24.0 36.0

Manual Integrations
APPROVED

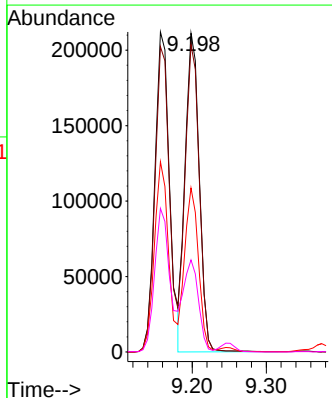
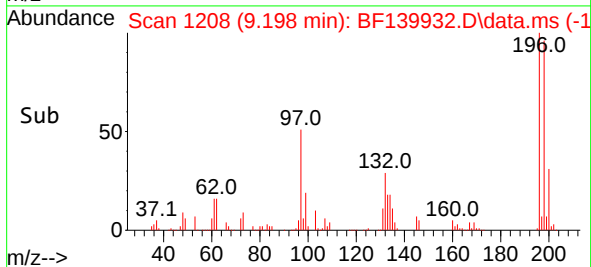
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

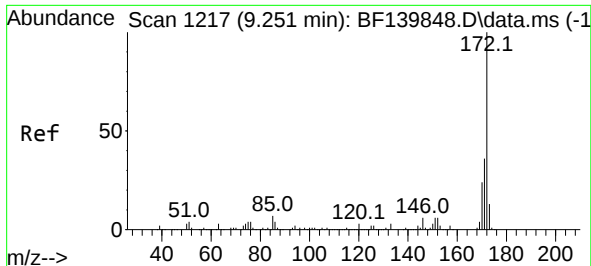


#44
2,4,5-Trichlorophenol
Concen: 51.364 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



Tgt Ion:196 Resp: 280441
Ion Ratio Lower Upper
196 100
198 96.5 75.8 113.6
97 51.4 41.8 62.6
132 28.9 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 104.435 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:172 Resp: 1750740

Ion Ratio Lower Upper

172 100

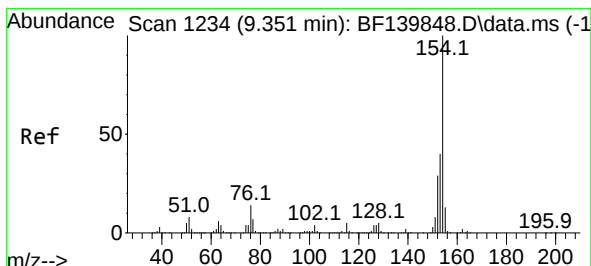
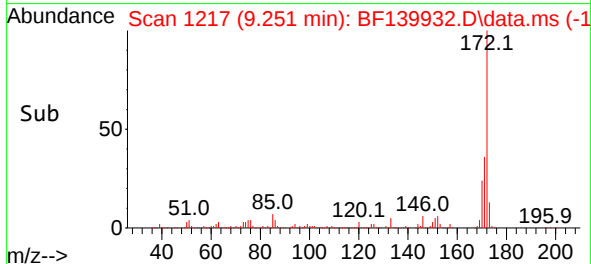
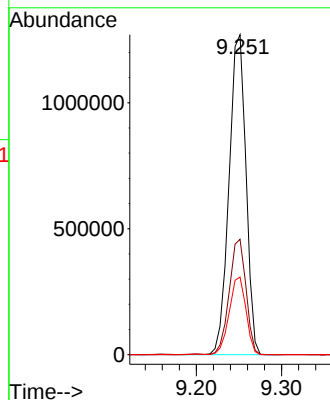
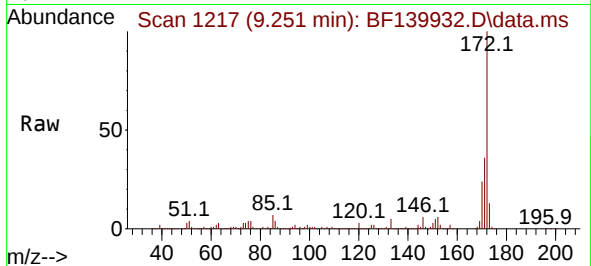
171 36.1 28.6 43.0

170 24.3 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#46

1,1'-Biphenyl

Concen: 52.878 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

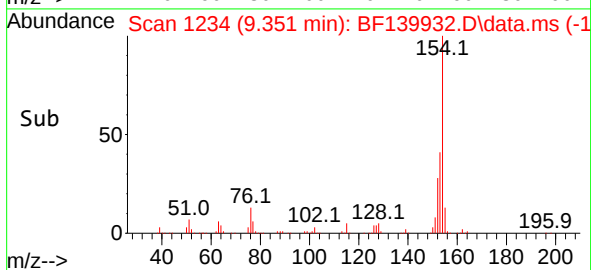
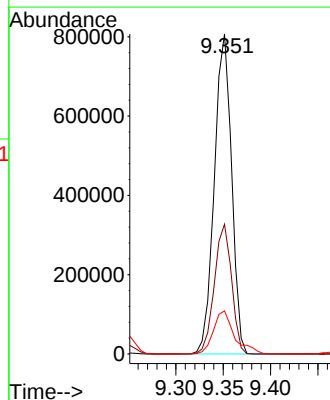
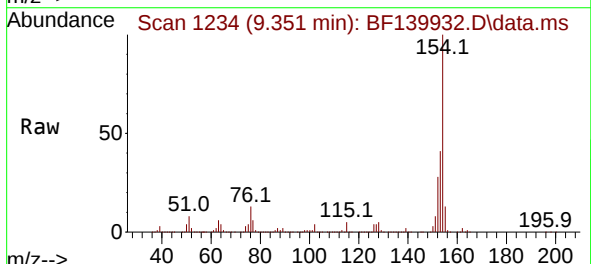
Tgt Ion:154 Resp: 1019864

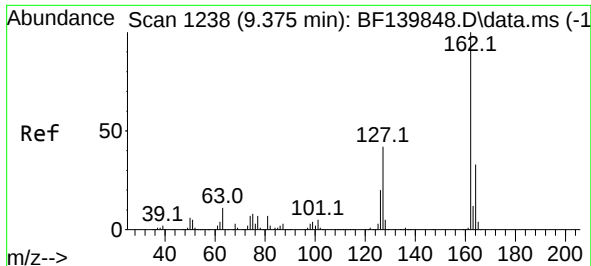
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 52.166 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

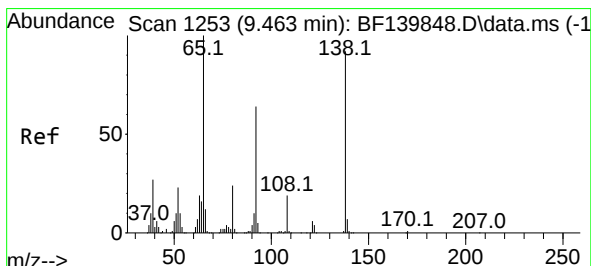
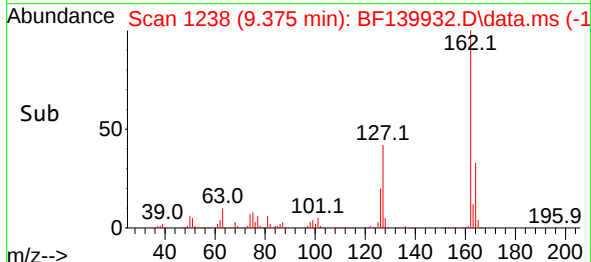
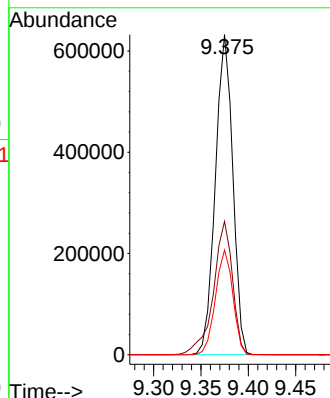
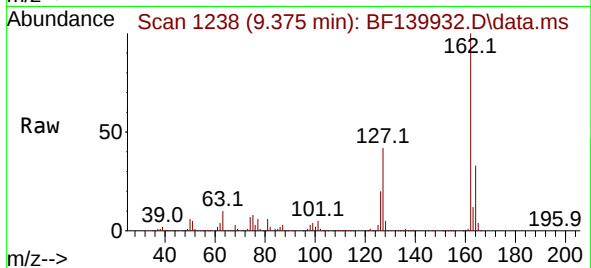
IB-1MSD

Tgt Ion:162 Resp: 810359
 Ion Ratio Lower Upper
 162 100
 127 41.7 33.8 50.6
 164 32.7 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#48

2-Nitroaniline

Concen: 55.273 ng

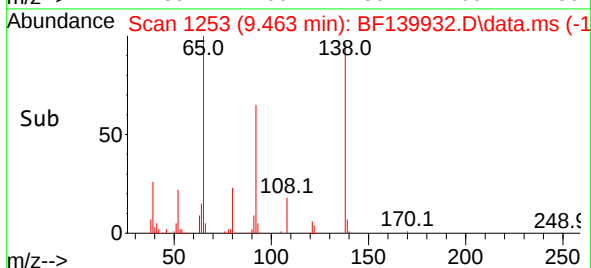
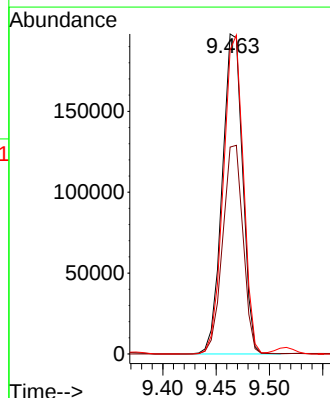
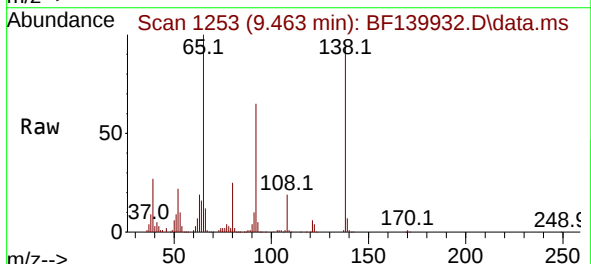
RT: 9.463 min Scan# 1253

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

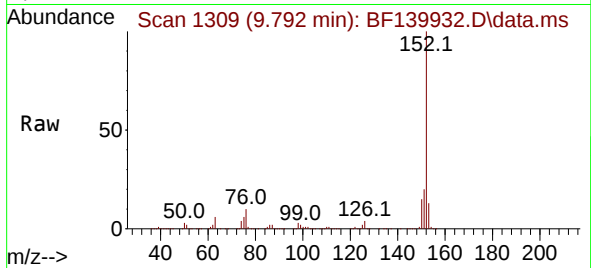
Tgt Ion: 65 Resp: 262607
 Ion Ratio Lower Upper
 65 100
 92 64.7 50.9 76.3
 138 95.0 73.4 110.0





#49
Acenaphthylene
Concen: 54.747 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

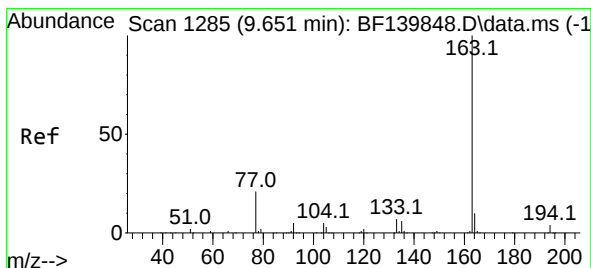
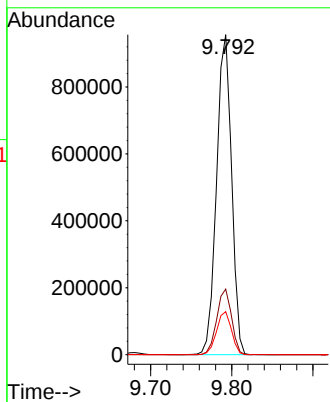
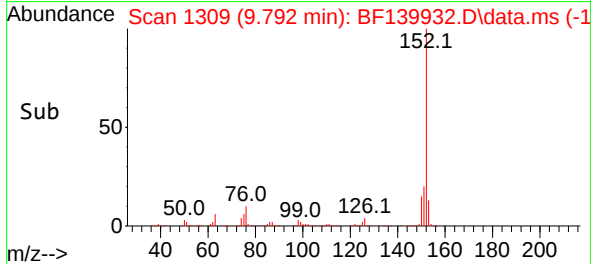
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



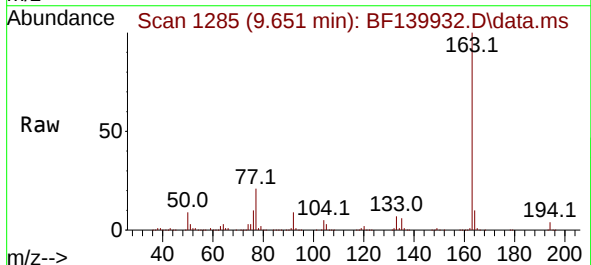
Tgt Ion:152 Resp: 1229494
Ion Ratio Lower Upper
152 100
151 20.5 15.9 23.9
153 13.5 10.7 16.1

Manual Integrations
APPROVED

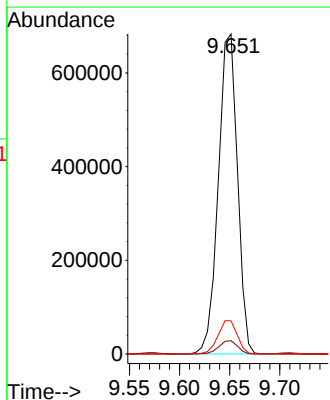
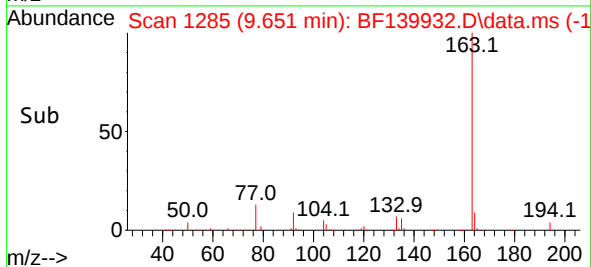
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

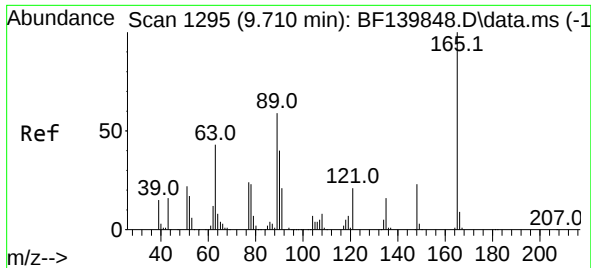


#50
Dimethylphthalate
Concen: 52.500 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



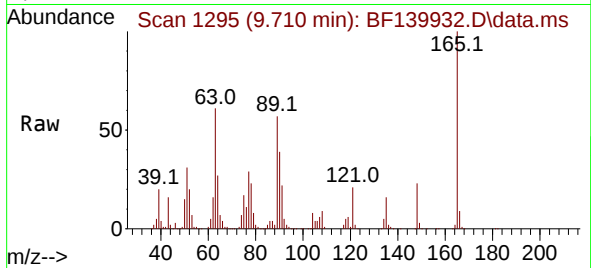
Tgt Ion:163 Resp: 906003
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.160 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

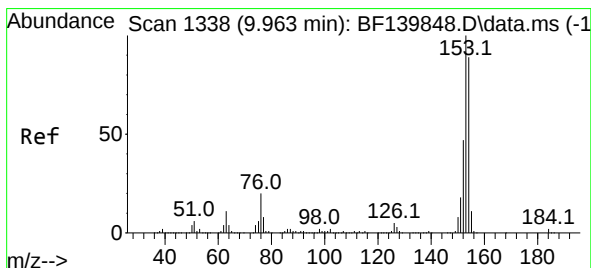
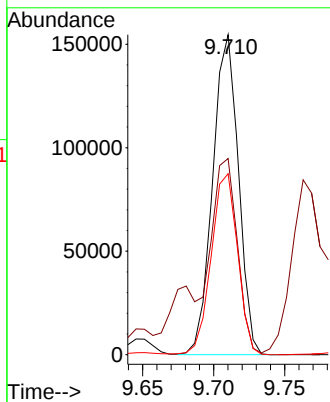
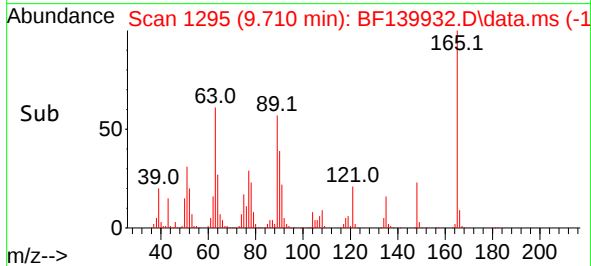
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:165 Resp: 194900
Ion Ratio Lower Upper
165 100
63 61.3 50.6 75.8
89 56.6 47.5 71.3

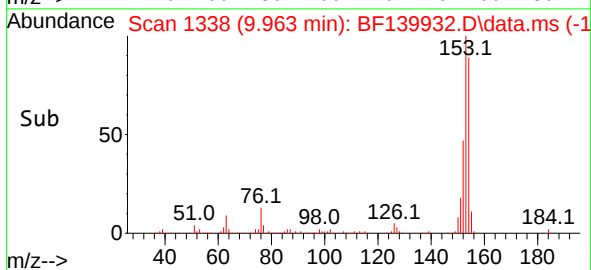
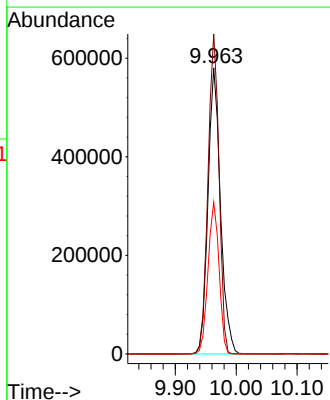
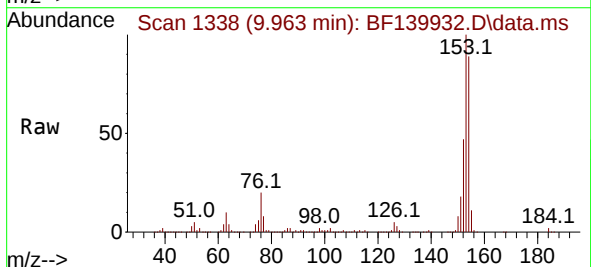
Manual Integrations
APPROVED

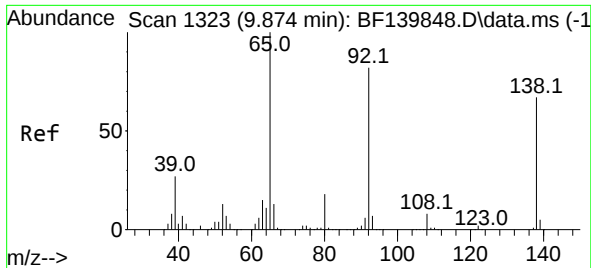
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#52
Acenaphthene
Concen: 57.120 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:154 Resp: 829832
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.1 42.4 63.6





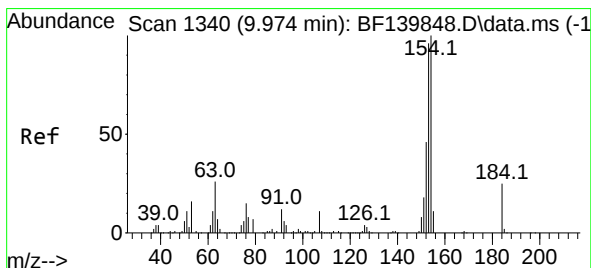
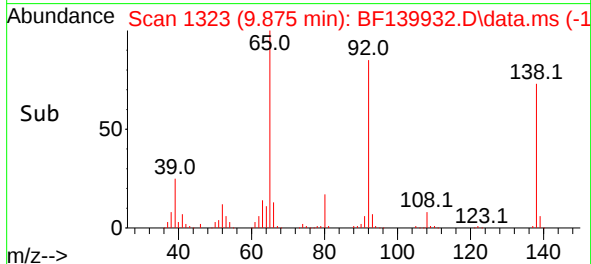
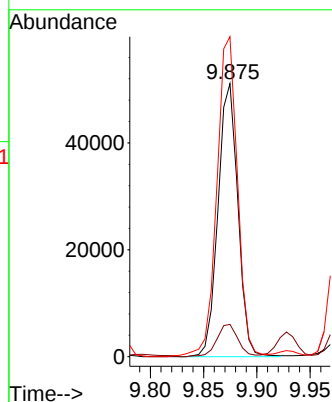
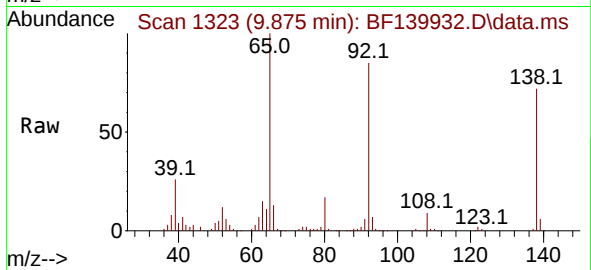
#53
3-Nitroaniline
Concen: 17.189 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:138 Resp: 66235
Ion Ratio Lower Upper
138 100
108 11.8 10.2 15.2
92 117.1 98.3 147.5

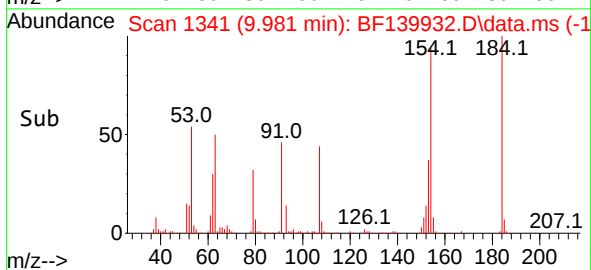
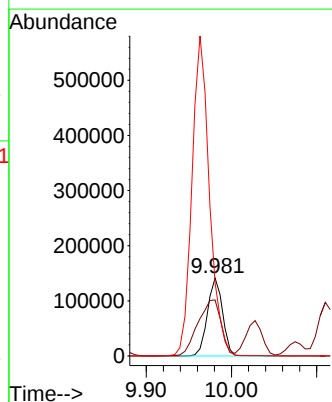
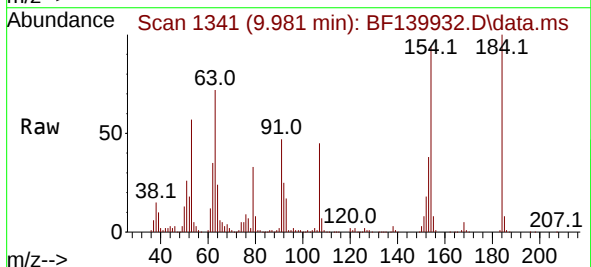
Manual Integrations
APPROVED

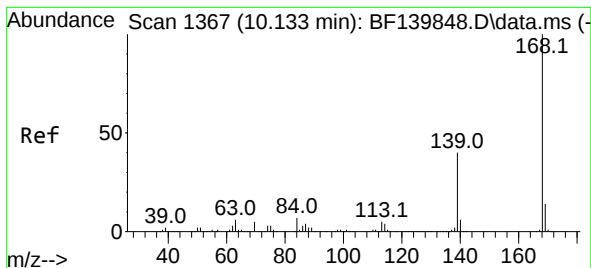
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#54
2,4-Dinitrophenol
Concen: 109.503 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

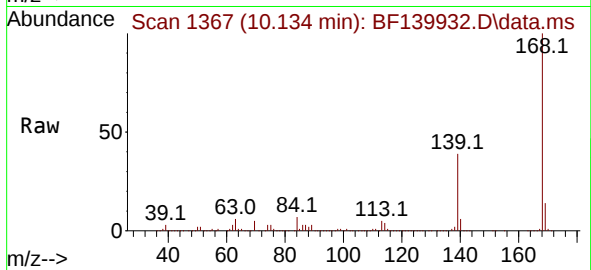
Tgt Ion:184 Resp: 174070
Ion Ratio Lower Upper
184 100
63 71.9 84.7 127.1#
154 94.1 338.2 507.2#





#55
Dibenzenofuran
Concen: 51.919 ng
RT: 10.134 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

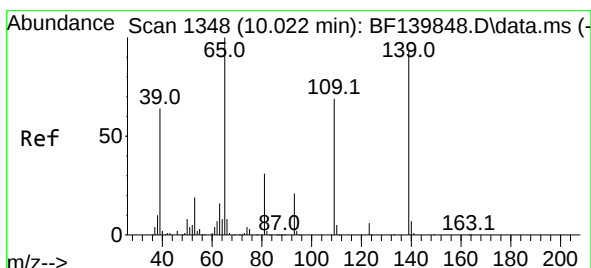
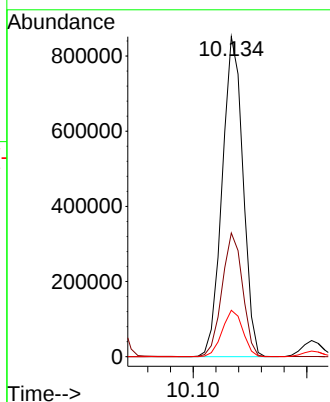
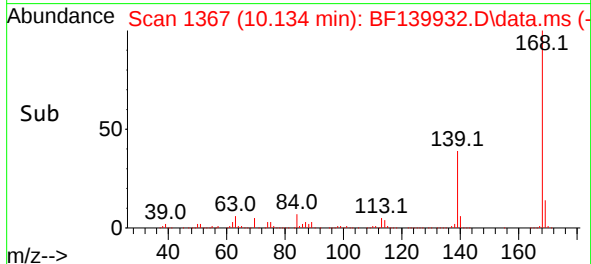
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



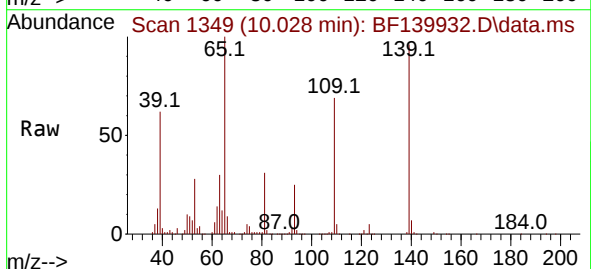
Tgt Ion:168 Resp: 1082199
Ion Ratio Lower Upper
168 100
139 38.6 31.8 47.6
169 14.5 11.6 17.4

Manual Integrations
APPROVED

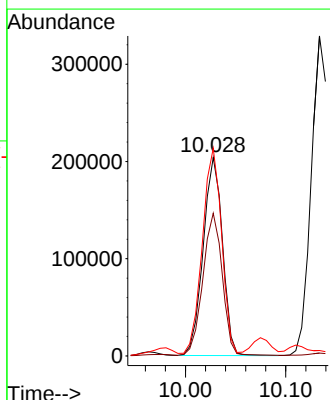
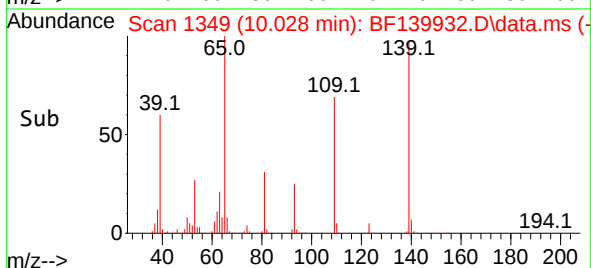
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

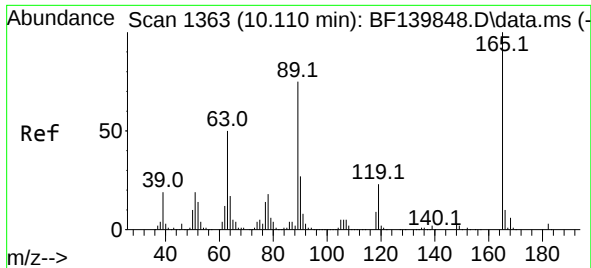


#56
4-Nitrophenol
Concen: 92.192 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



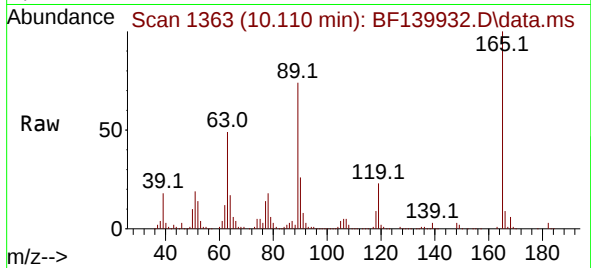
Tgt Ion:139 Resp: 273307
Ion Ratio Lower Upper
139 100
109 71.9 53.6 93.6
65 104.5 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 54.785 ng
RT: 10.110 min Scan# 1363
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

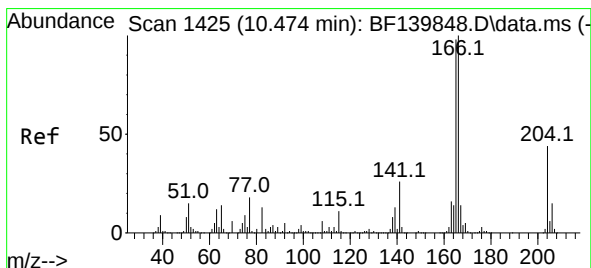
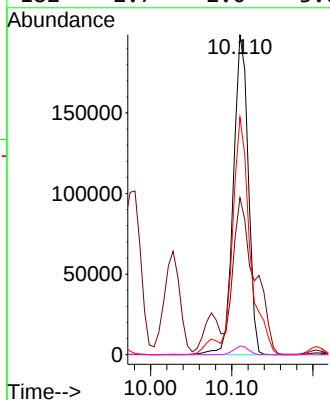
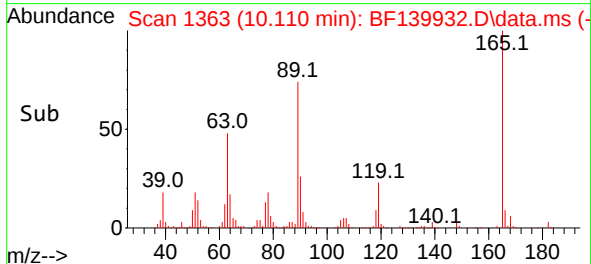
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



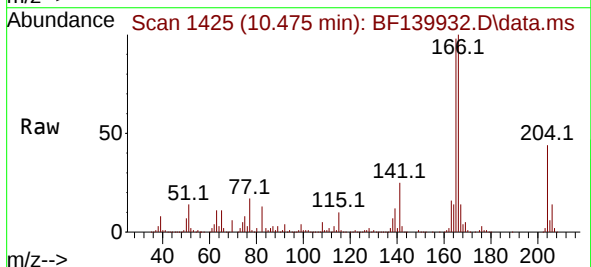
Tgt Ion:165 Resp: 251738
Ion Ratio Lower Upper
165 100
63 49.0 40.1 60.1
89 74.2 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations
APPROVED

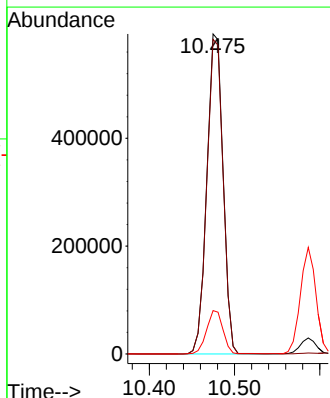
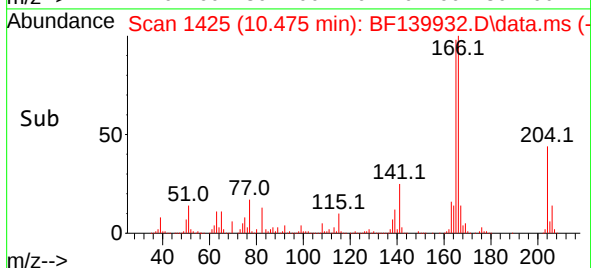
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

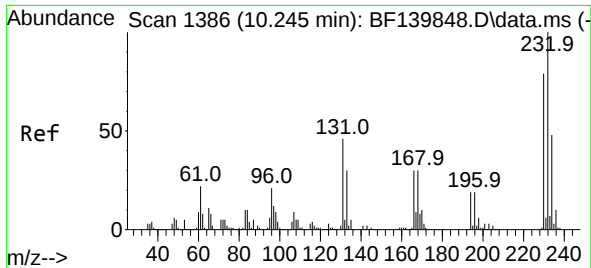


#58
Fluorene
Concen: 49.358 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



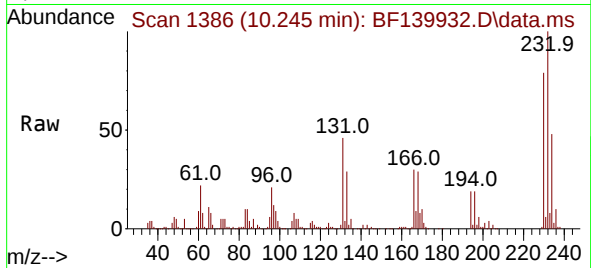
Tgt Ion:166 Resp: 783612
Ion Ratio Lower Upper
166 100
165 98.3 78.5 117.7
167 13.6 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.311 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

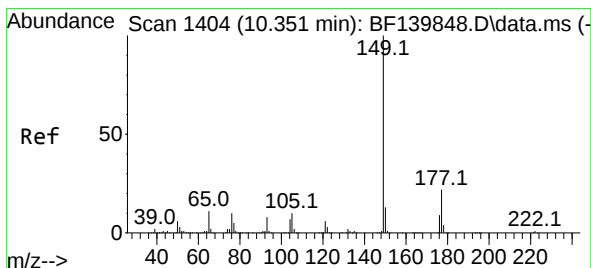
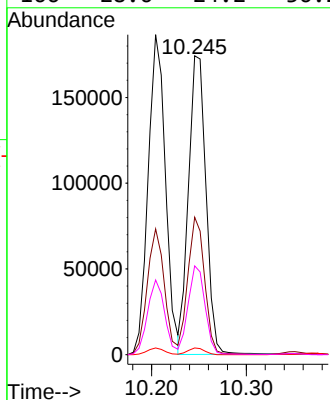
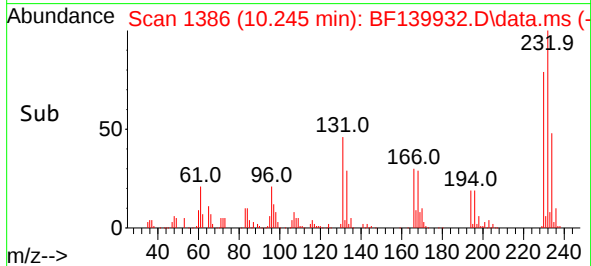
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:232 Resp: 223898
Ion Ratio Lower Upper
232 100
131 44.3 37.0 55.6
130 2.1 1.9 2.9
166 28.6 24.2 36.2

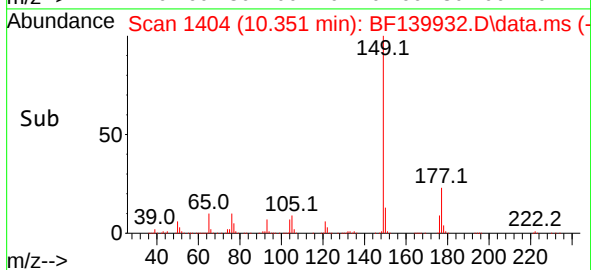
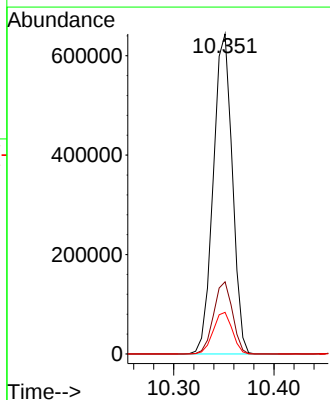
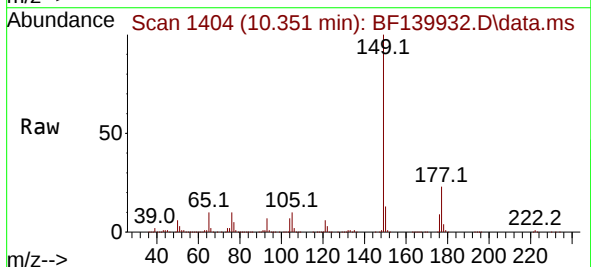
Manual Integrations
APPROVED

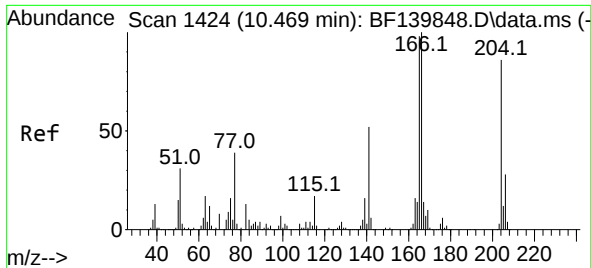
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#60
Diethylphthalate
Concen: 50.054 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

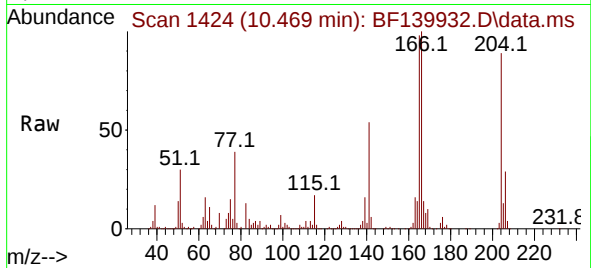
Tgt Ion:149 Resp: 848123
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 13.0 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.795 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

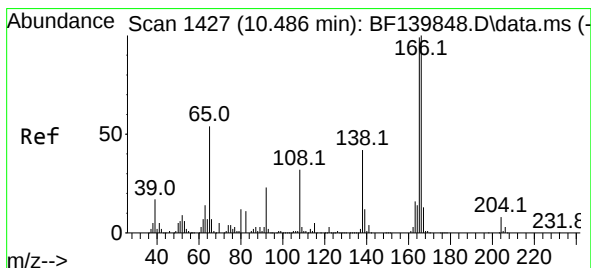
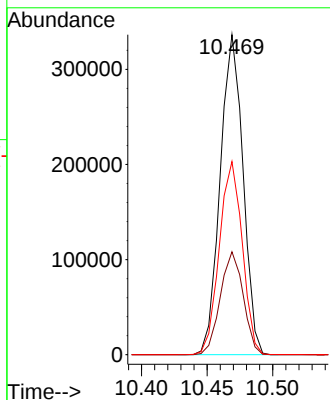
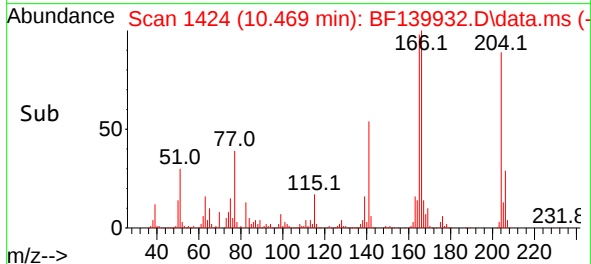
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



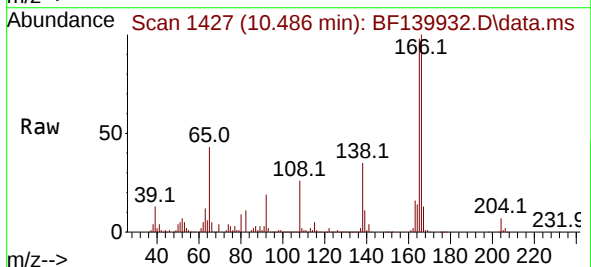
Tgt Ion:204 Resp: 407249
Ion Ratio Lower Upper
204 100
206 32.2 26.3 39.5
141 60.3 48.6 73.0

Manual Integrations
APPROVED

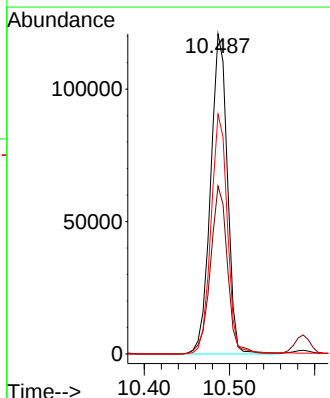
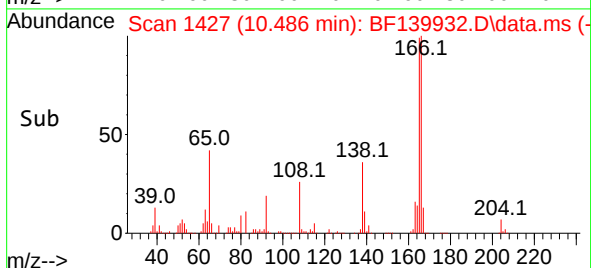
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

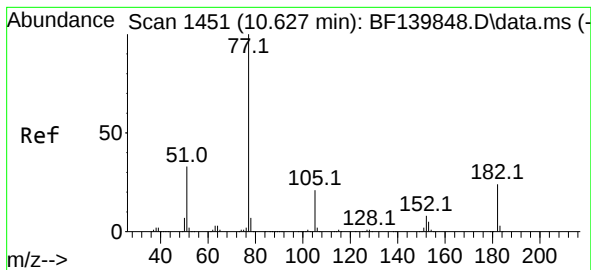


#62
4-Nitroaniline
Concen: 45.516 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



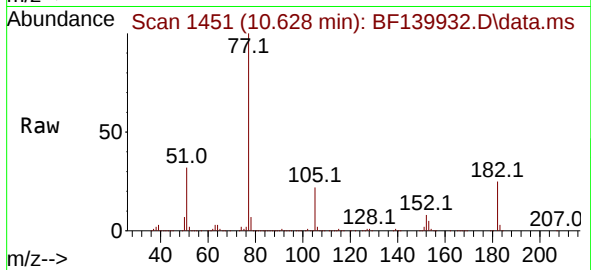
Tgt Ion:138 Resp: 165645
Ion Ratio Lower Upper
138 100
92 52.5 35.7 75.7
108 74.9 57.5 97.5





#63
Azobenzene
Concen: 49.161 ng
RT: 10.628 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

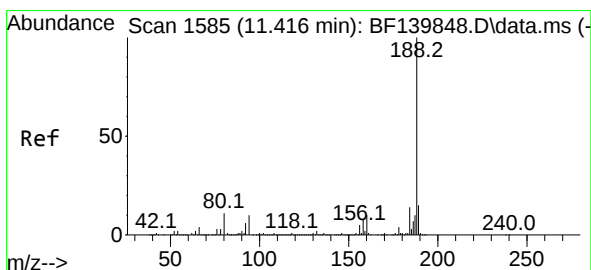
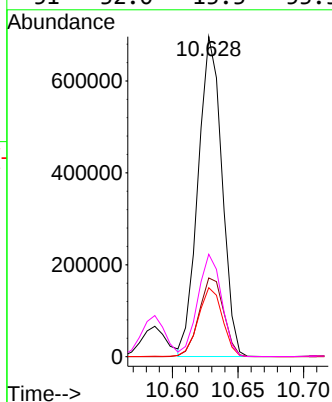
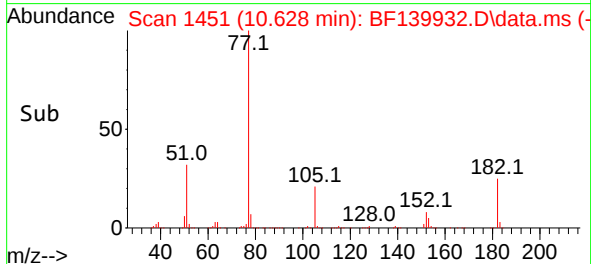
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



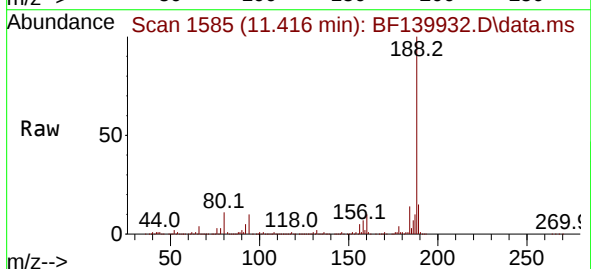
Tgt Ion: 77 Resp: 883104
Ion Ratio Lower Upper
77 100
182 24.6 3.3 43.3
105 21.6 1.2 41.2
51 32.0 13.3 53.3

Manual Integrations
APPROVED

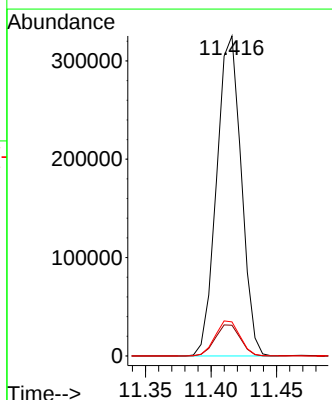
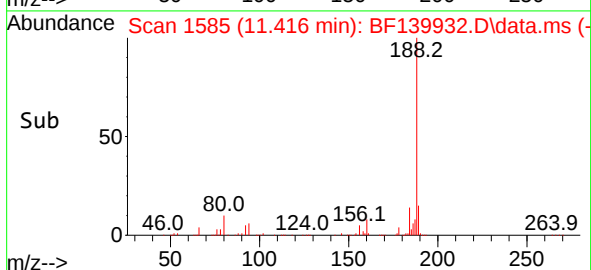
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



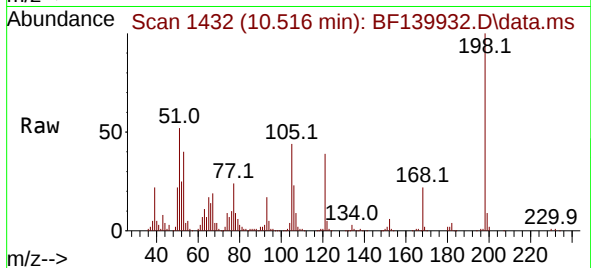
Tgt Ion:188 Resp: 425203
Ion Ratio Lower Upper
188 100
94 9.6 7.9 11.9
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 69.099 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

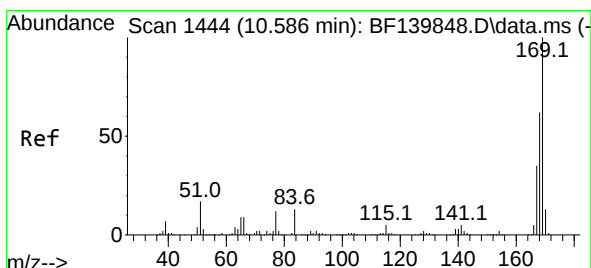
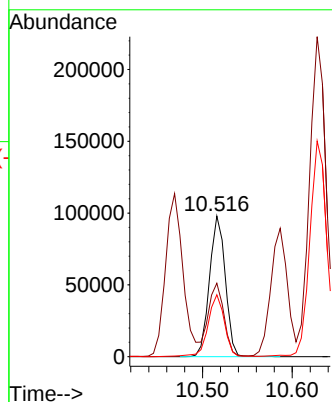
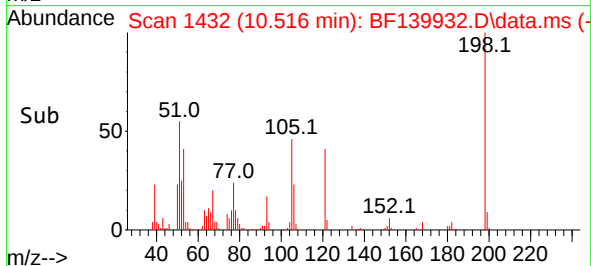
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



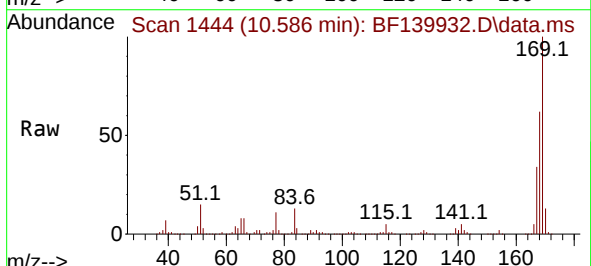
Tgt Ion:198 Resp: 119844
Ion Ratio Lower Upper
198 100
51 52.2 38.2 78.2
105 44.1 27.9 67.9

Manual Integrations
APPROVED

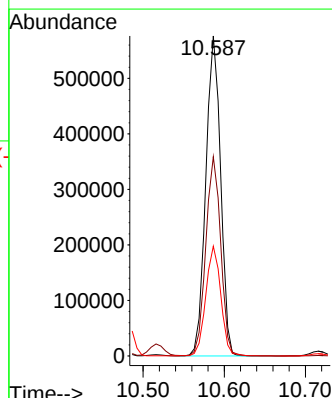
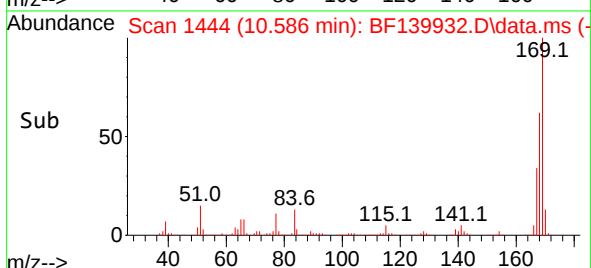
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

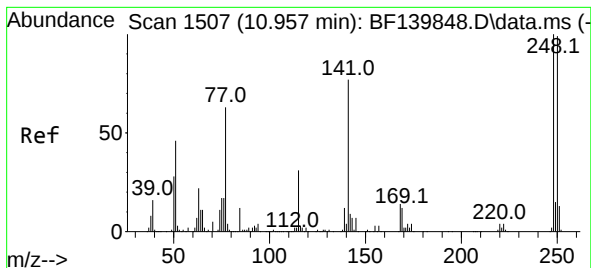


#66
n-Nitrosodiphenylamine
Concen: 57.118 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



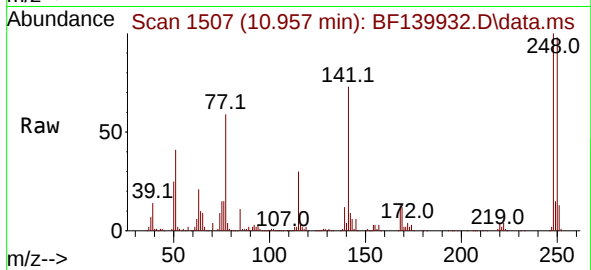
Tgt Ion:169 Resp: 726889
Ion Ratio Lower Upper
169 100
168 62.3 49.8 74.6
167 34.3 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 58.295 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

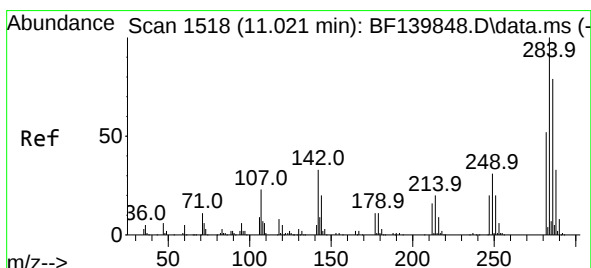
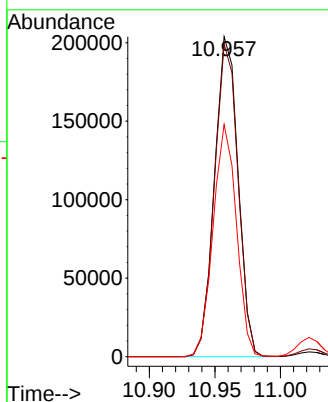
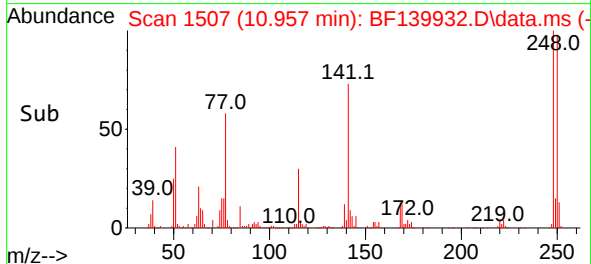
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



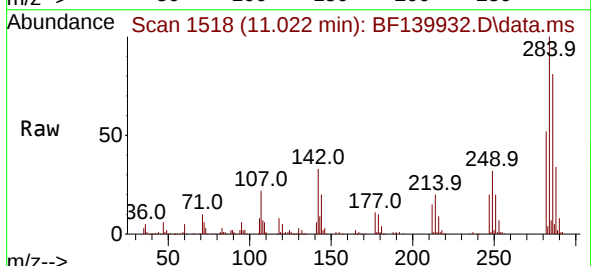
Tgt Ion:248 Resp: 255354
Ion Ratio Lower Upper
248 100
250 97.7 79.0 118.6
141 72.5 61.7 92.5

Manual Integrations
APPROVED

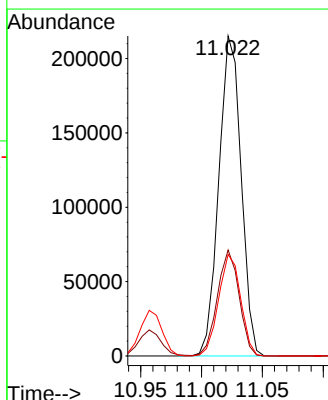
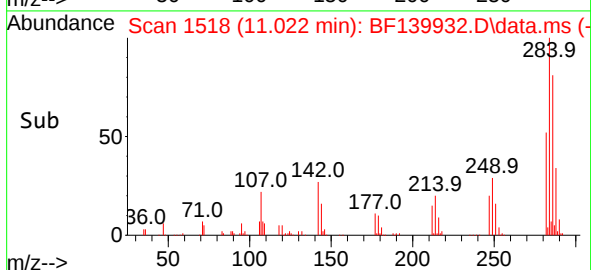
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

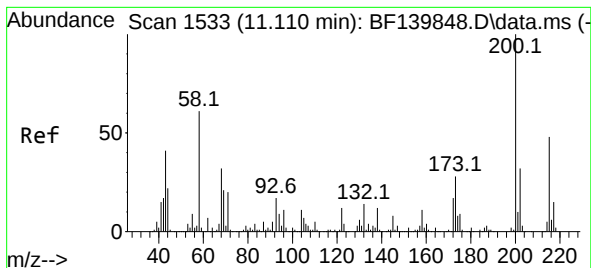


#68
Hexachlorobenzene
Concen: 55.617 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



Tgt Ion:284 Resp: 273994
Ion Ratio Lower Upper
284 100
142 33.1 26.9 40.3
249 31.7 25.3 37.9





#69

Atrazine

Concen: 64.111 ng

RT: 11.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:200 Resp: 221014

Ion Ratio Lower Upper

200 100

173 27.1 7.7 47.7

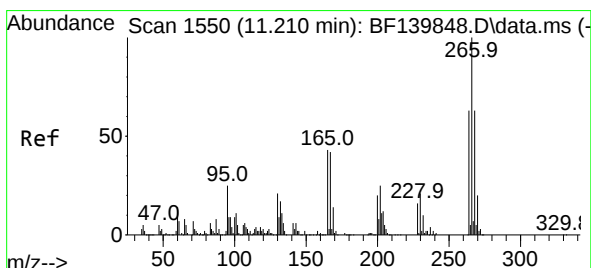
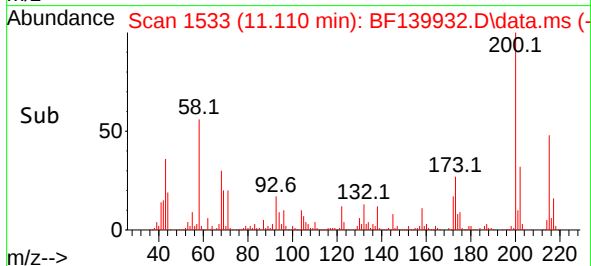
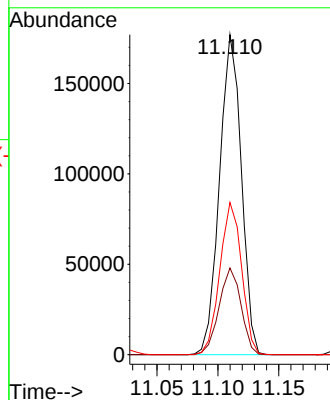
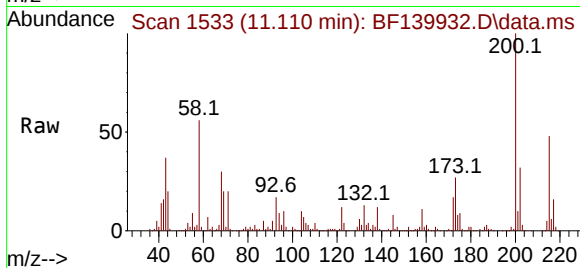
215 47.5 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 10/23/2024

Supervised By :mohammad ahmed 10/24/2024



#70

Pentachlorophenol

Concen: 105.360 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

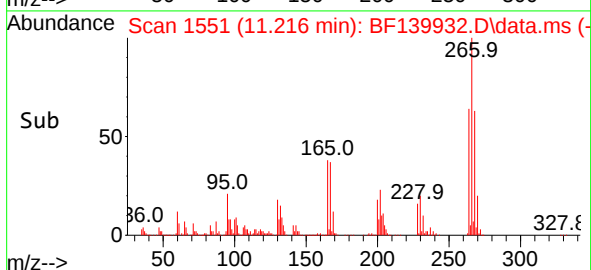
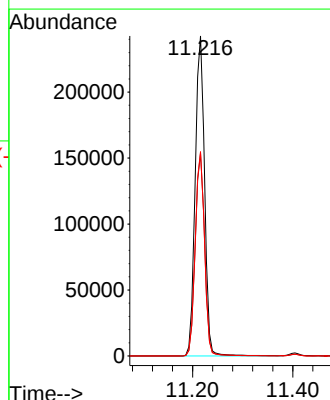
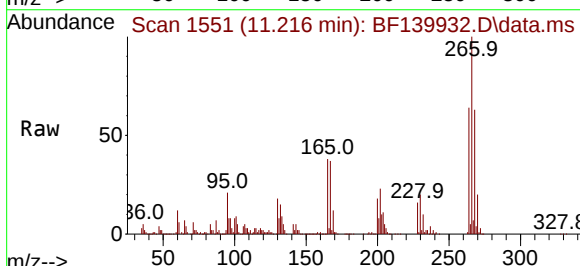
Tgt Ion:266 Resp: 315017

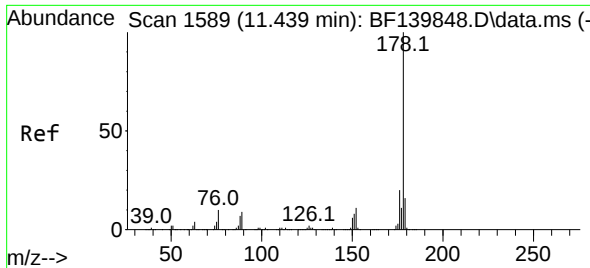
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 63.9 50.6 75.8





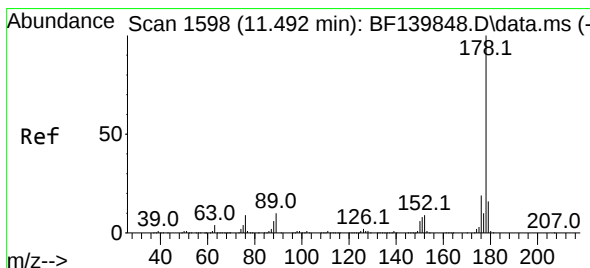
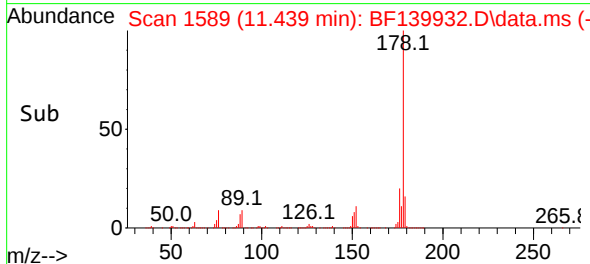
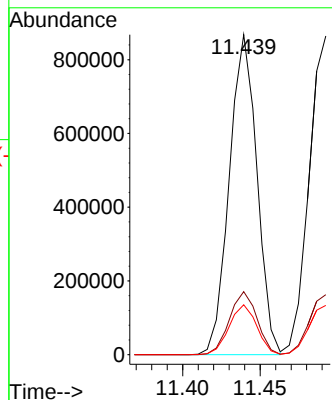
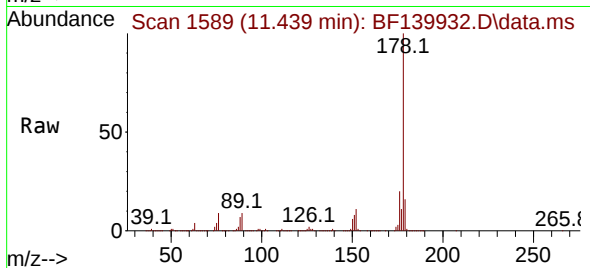
#71
Phenanthrene
Concen: 53.528 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Instrument :
BNA_F
ClientSampleId :
IB-1MSD

Tgt Ion:178 Resp: 1075089
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 15.6 12.6 18.8

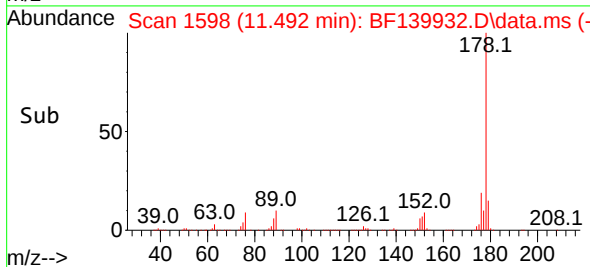
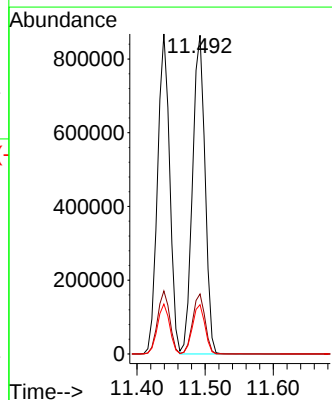
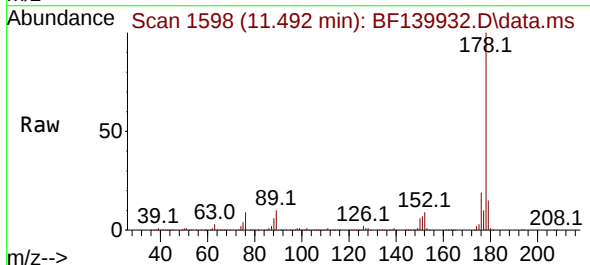
Manual Integrations
APPROVED

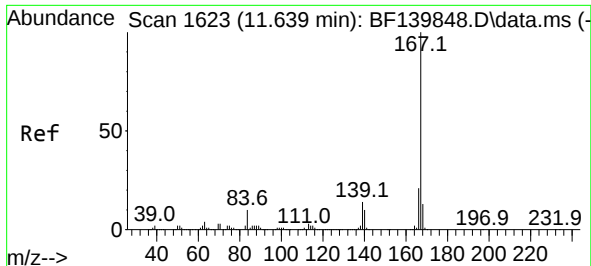
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#72
Anthracene
Concen: 55.735 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

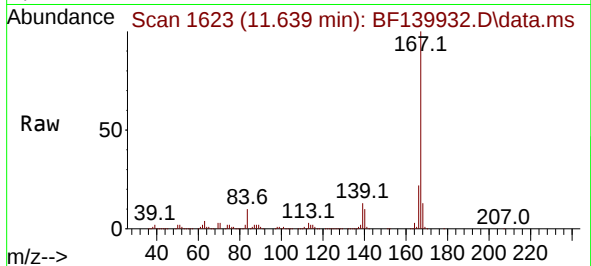
Tgt Ion:178 Resp: 1092209
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.5 12.4 18.6





#73
 Carbazole
 Concen: 50.094 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139932.D
 Acq: 22 Oct 2024 16:59

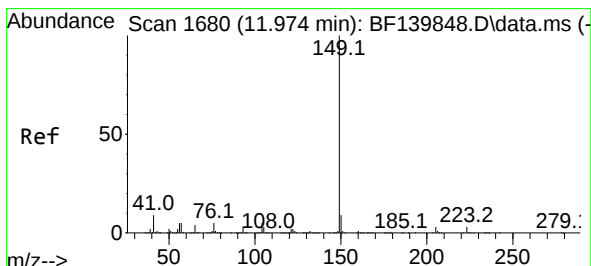
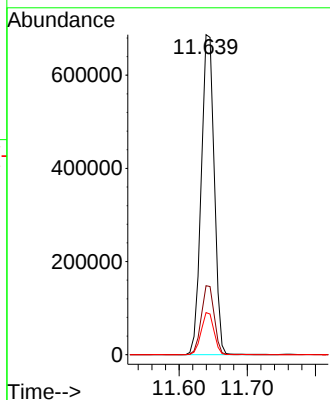
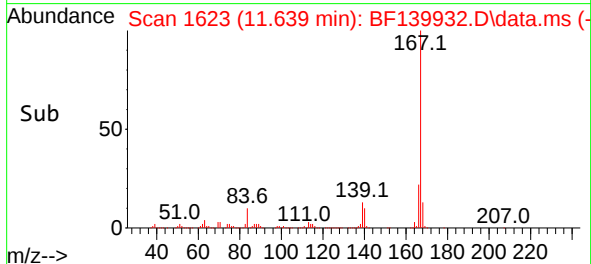
Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD



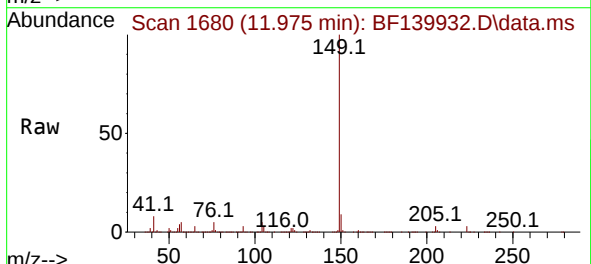
Tgt Ion:167 Resp: 912960
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.6
 139 13.2 10.8 16.2

Manual Integrations
 APPROVED

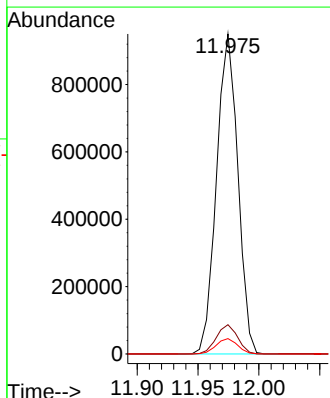
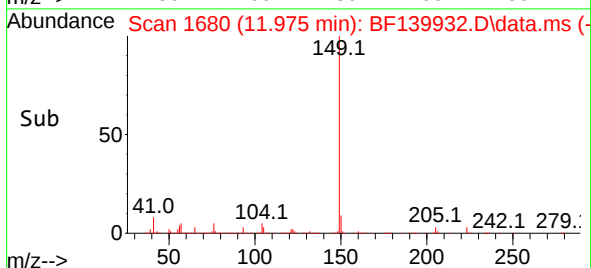
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024

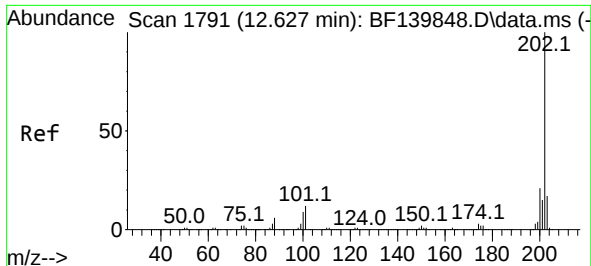


#74
 Di-n-butylphthalate
 Concen: 55.009 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139932.D
 Acq: 22 Oct 2024 16:59



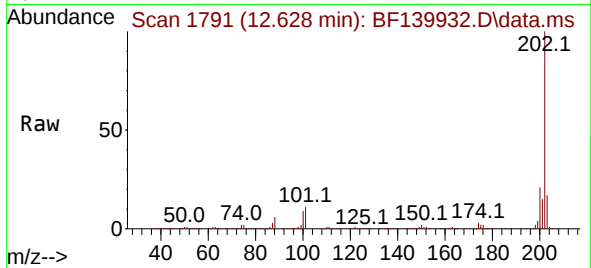
Tgt Ion:149 Resp: 1158274
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 49.648 ng
RT: 12.628 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

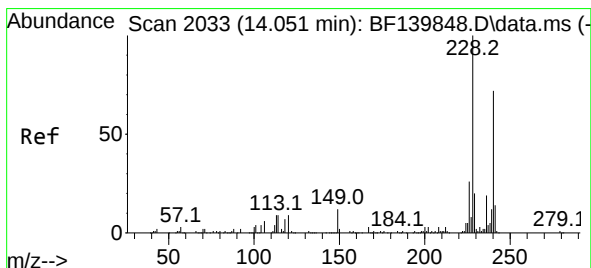
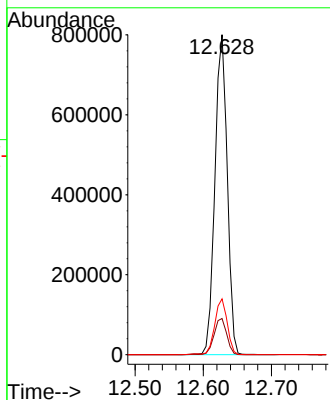
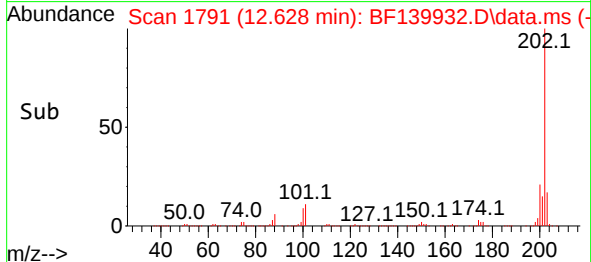
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



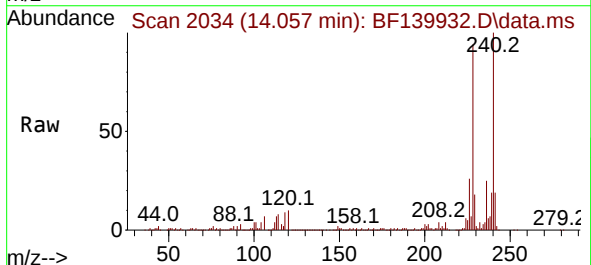
Tgt Ion:202 Resp: 100806
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.9
203 17.4 0.0 37.5

Manual Integrations
APPROVED

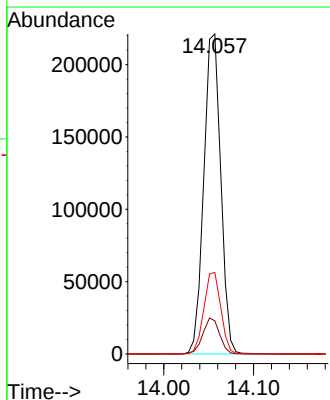
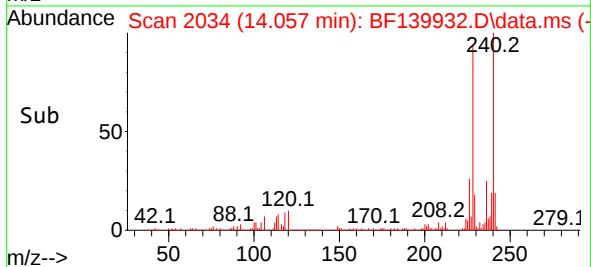
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

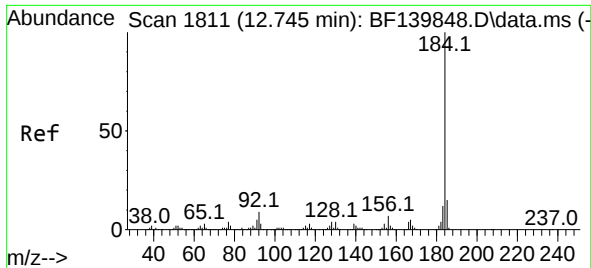


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



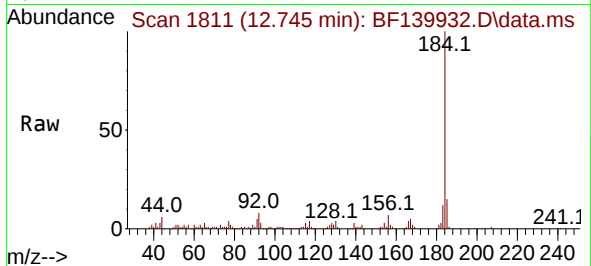
Tgt Ion:240 Resp: 290316
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 25.5 20.9 31.3





#77
Benzidine
Concen: 17.816 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

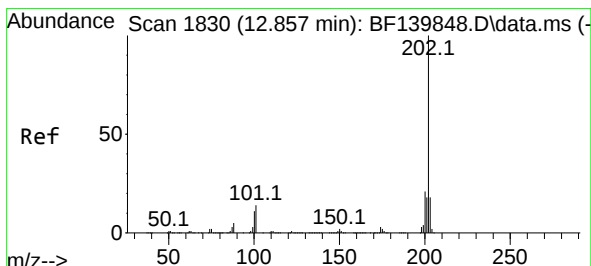
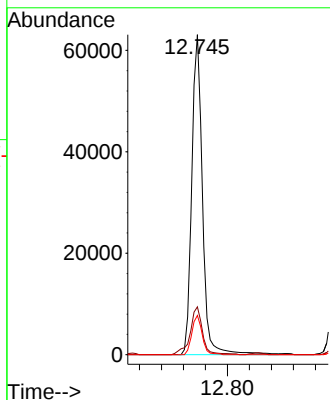
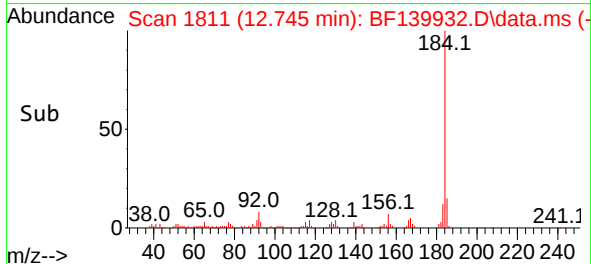
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



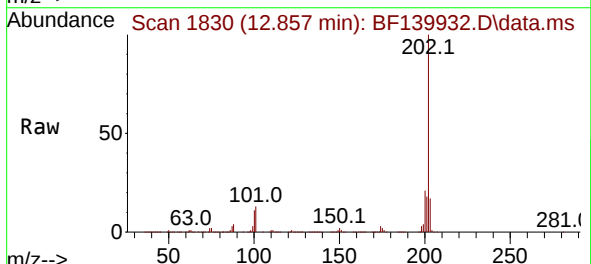
Tgt Ion:184 Resp: 85050
Ion Ratio Lower Upper
184 100
185 15.0 12.0 18.0
183 12.2 9.4 14.2

Manual Integrations
APPROVED

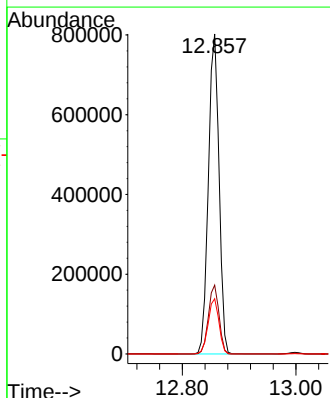
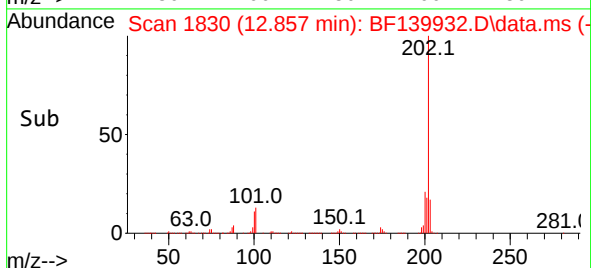
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

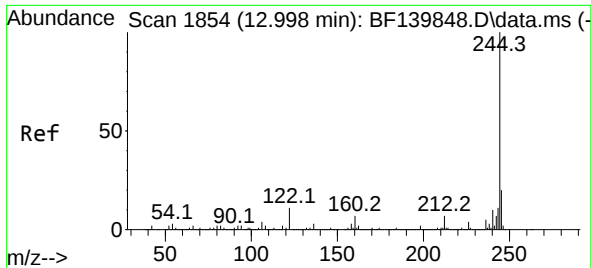


#78
Pyrene
Concen: 40.790 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



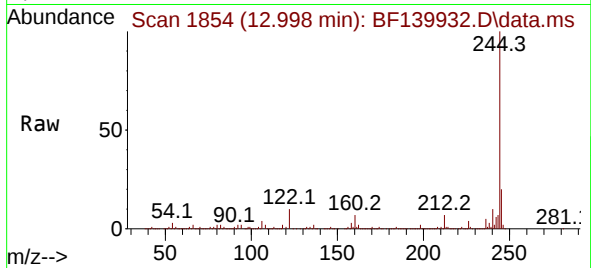
Tgt Ion:202 Resp: 1036554
Ion Ratio Lower Upper
202 100
200 21.5 17.2 25.8
203 17.2 14.2 21.4





#79
 Terphenyl-d14
 Concen: 85.898 ng
 RT: 12.998 min Scan# 1854
 Delta R.T. 0.000 min
 Lab File: BF139932.D
 Acq: 22 Oct 2024 16:59

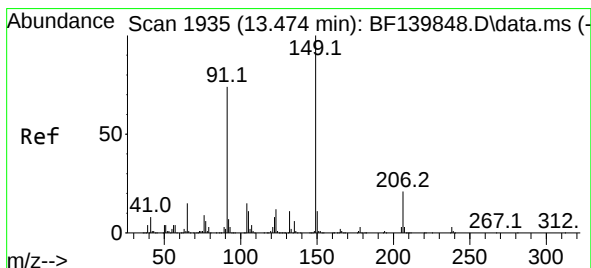
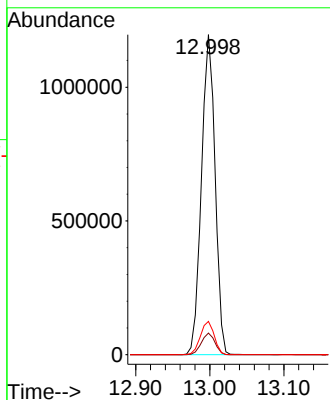
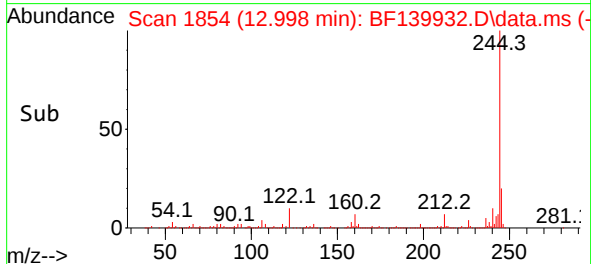
Instrument :
 BNA_F
 ClientSampleId :
 IB-1MSD



Tgt Ion:244 Resp: 153039
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.7 8.5
 122 10.4 8.6 13.0

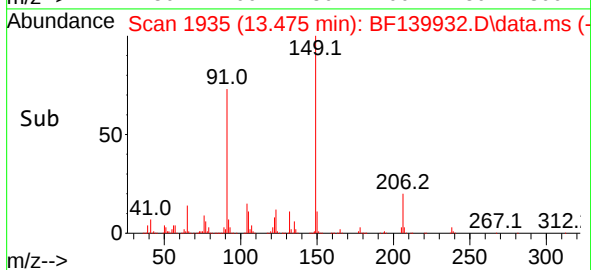
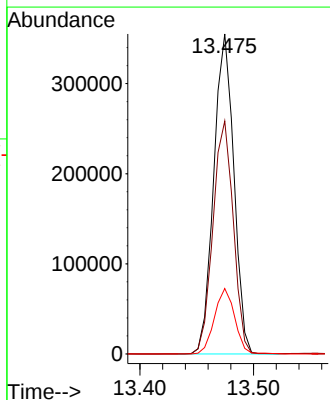
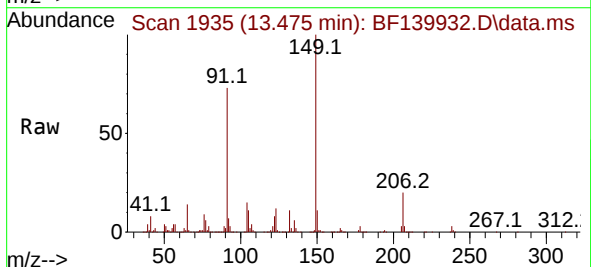
Manual Integrations
 APPROVED

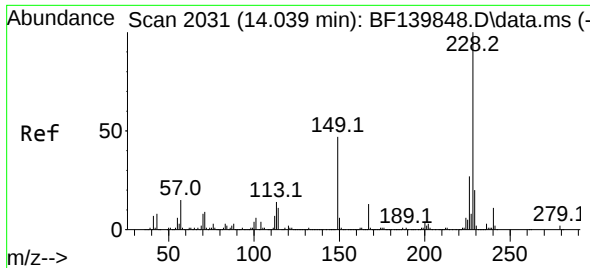
Reviewed By :Jagrut Upadhyay 10/23/2024
 Supervised By :mohammad ahmed 10/24/2024



#80
 Butylbenzylphthalate
 Concen: 57.423 ng
 RT: 13.475 min Scan# 1935
 Delta R.T. 0.000 min
 Lab File: BF139932.D
 Acq: 22 Oct 2024 16:59

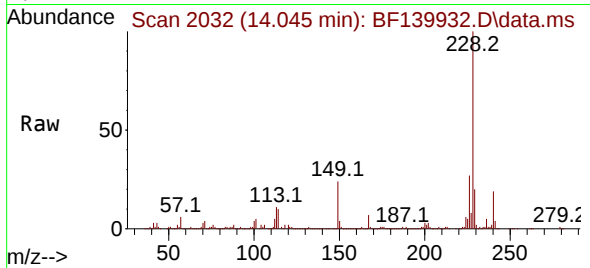
Tgt Ion:149 Resp: 437486
 Ion Ratio Lower Upper
 149 100
 91 72.8 59.4 89.2
 206 20.4 16.4 24.6





#81
Benzo(a)anthracene
Concen: 53.312 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

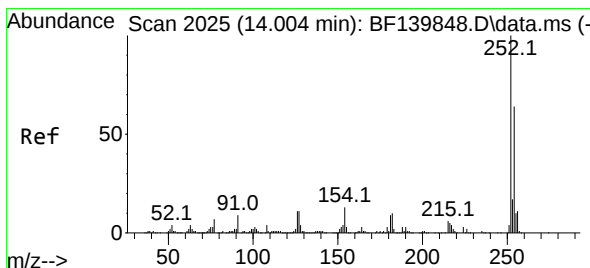
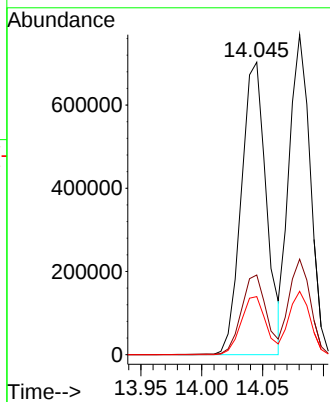
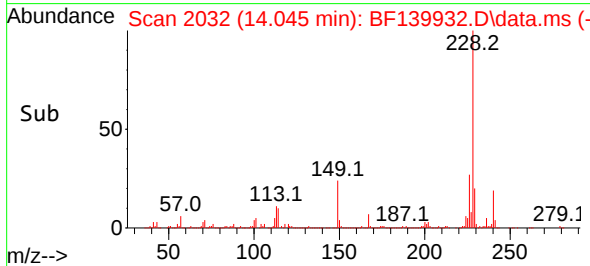
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



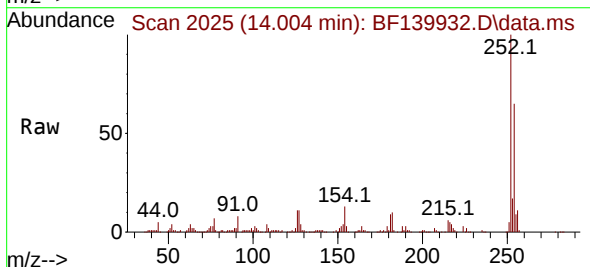
Tgt Ion:228 Resp: 1007528
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.9 16.1 24.1

Manual Integrations
APPROVED

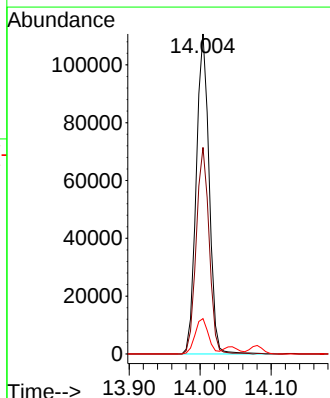
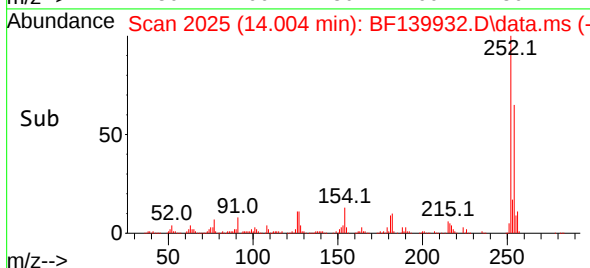
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

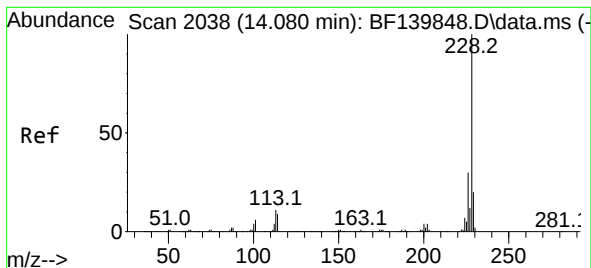


#82
3,3'-Dichlorobenzidine
Concen: 25.426 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



Tgt Ion:252 Resp: 140100
Ion Ratio Lower Upper
252 100
254 64.5 50.8 76.2
126 11.0 8.9 13.3





#83

Chrysene

Concen: 53.703 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

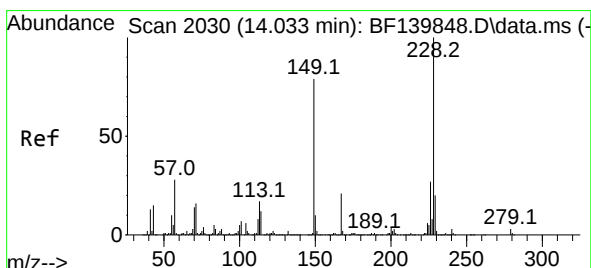
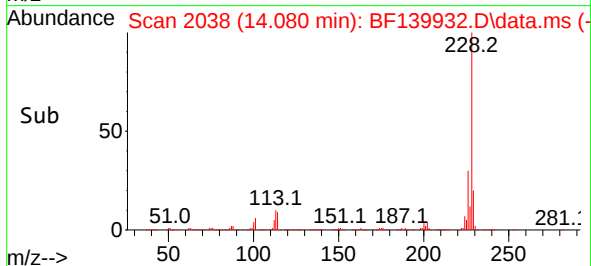
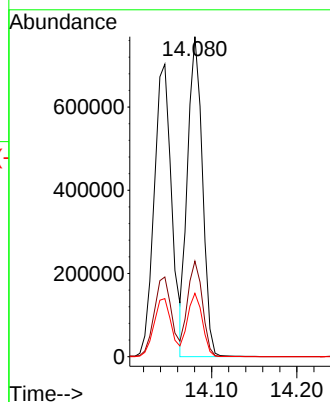
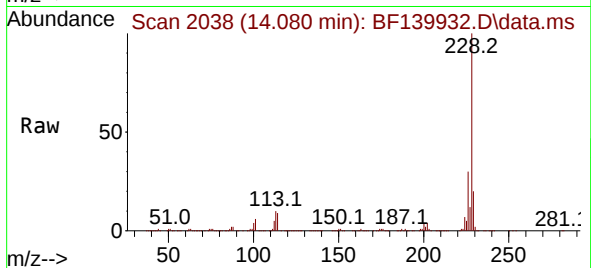
IB-1MSD

Tgt Ion:	228	Resp:	93056
Ion Ratio	Lower	Upper	
228	100		
226	29.8	24.1	36.1
229	19.8	15.8	23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.813 ng

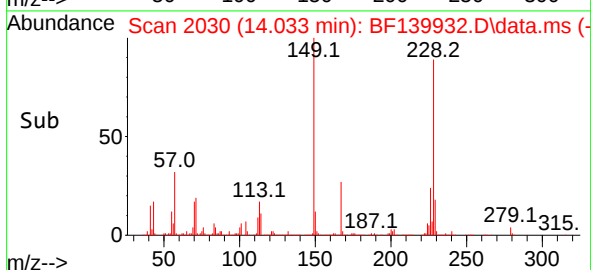
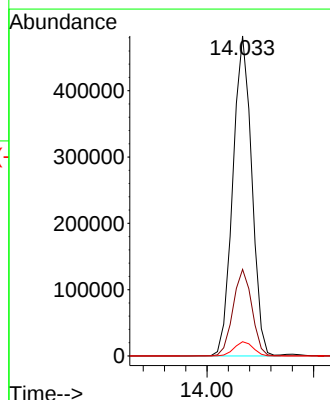
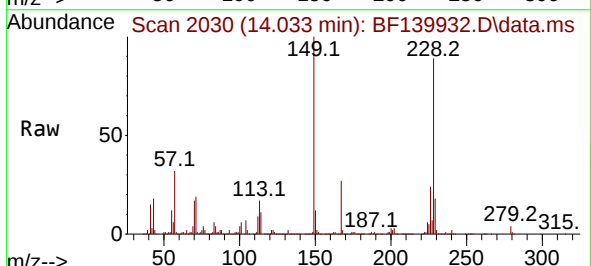
RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Tgt Ion:	149	Resp:	596740
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.4	32.0
279	4.4	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 72.723 ng

RT: 14.645 min Scan# 2135

Delta R.T. -0.006 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

Instrument :

BNA_F

ClientSampleId :

IB-1MSD

Tgt Ion:149 Resp: 1130644

Ion Ratio Lower Upper

149 100

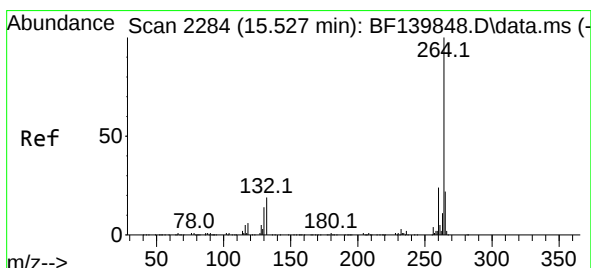
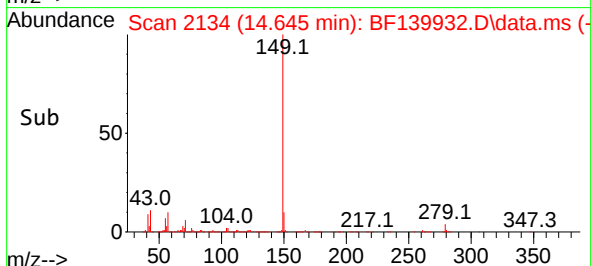
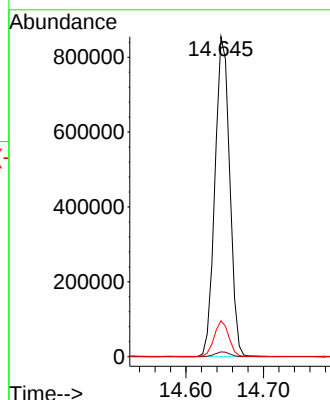
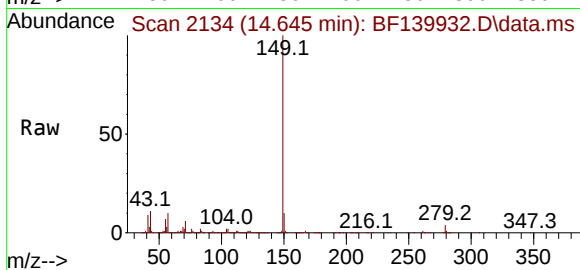
167 1.6 1.2 1.8

43 10.9 9.8 14.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.527 min Scan# 2284

Delta R.T. 0.000 min

Lab File: BF139932.D

Acq: 22 Oct 2024 16:59

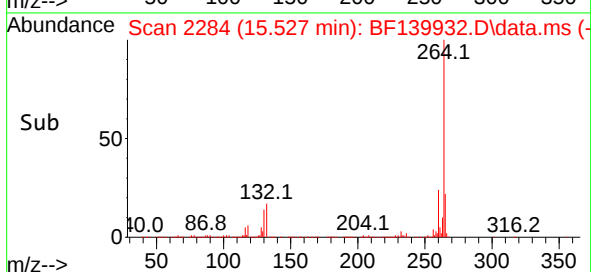
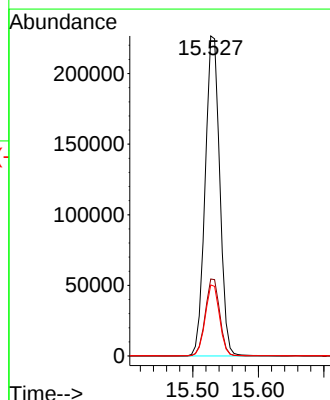
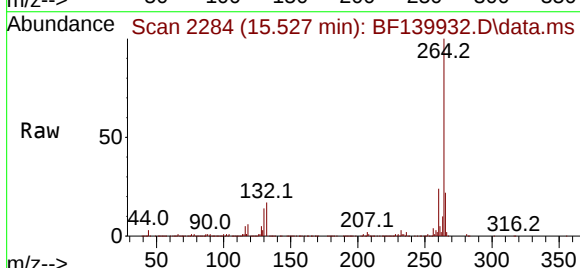
Tgt Ion:264 Resp: 350694

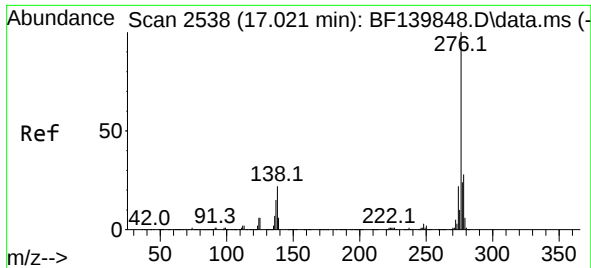
Ion Ratio Lower Upper

264 100

260 24.0 19.4 29.2

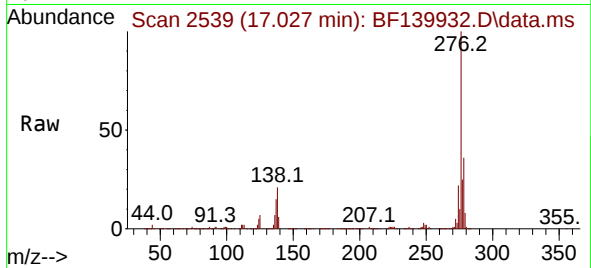
265 22.2 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.768 ng
RT: 17.027 min Scan# 2539
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

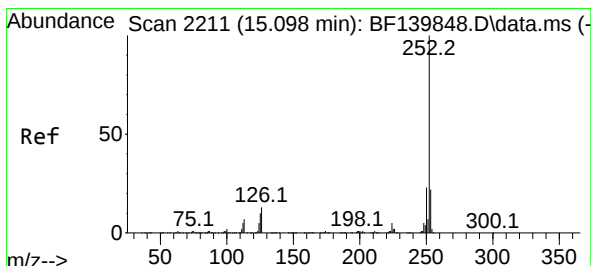
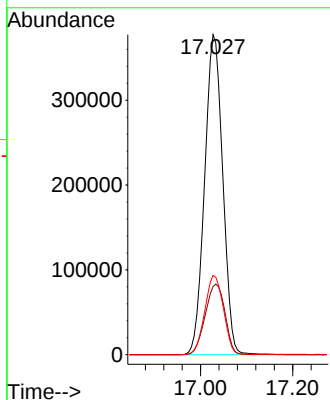
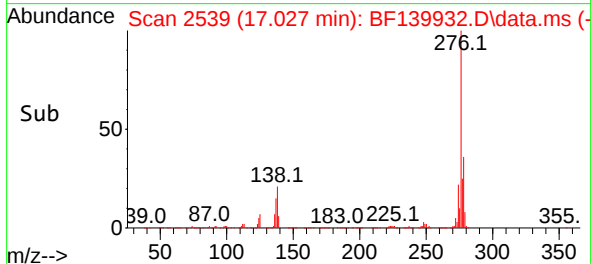
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:276 Resp: 1032579
Ion Ratio Lower Upper
276 100
138 24.1 20.4 30.6
277 25.5 20.2 30.4

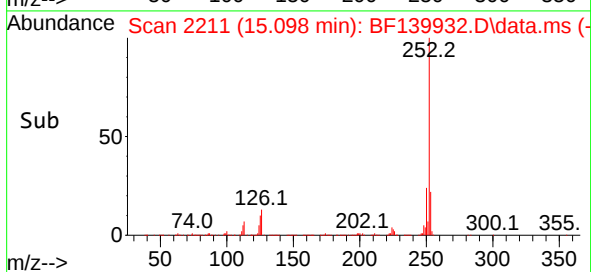
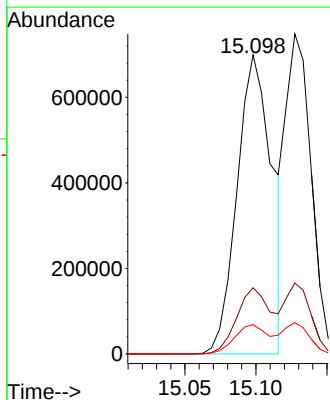
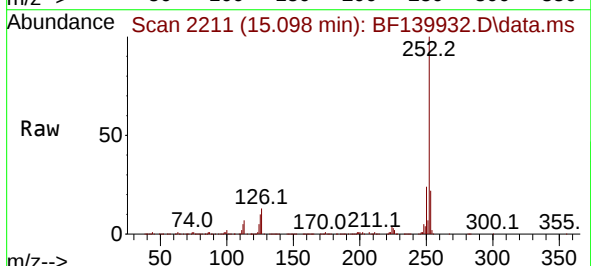
Manual Integrations
APPROVED

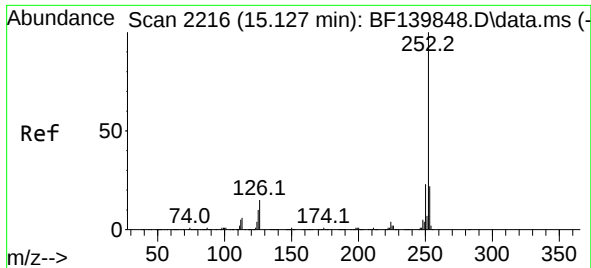
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#88
Benzo(b)fluoranthene
Concen: 55.851 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

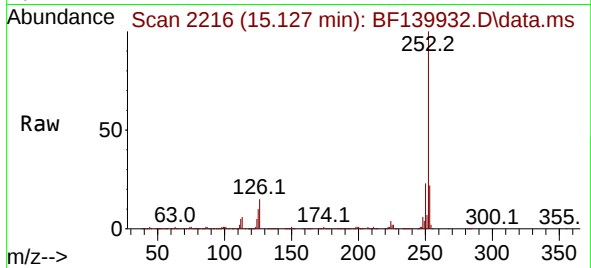
Tgt Ion:252 Resp: 1193133
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 50.872 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

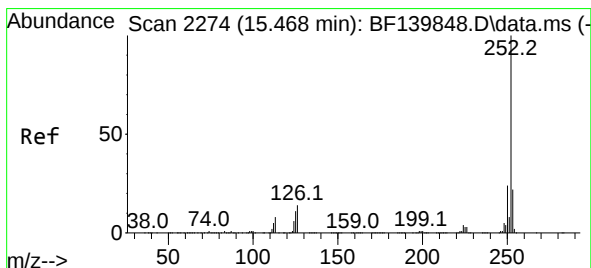
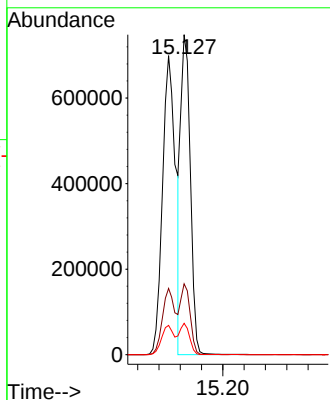
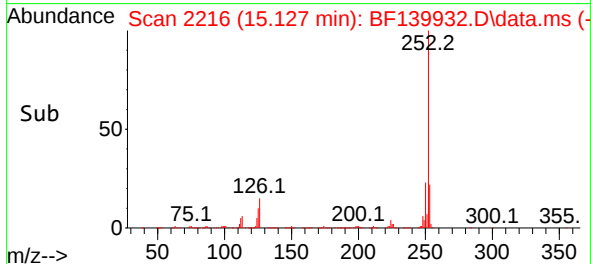
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



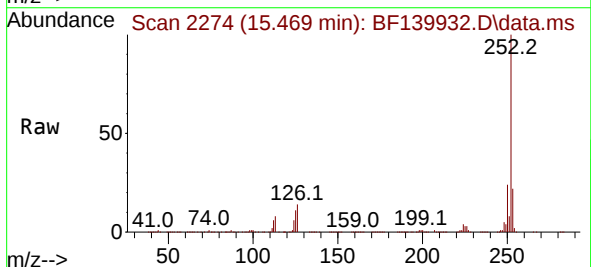
Tgt Ion:252 Resp: 937254
Ion Ratio Lower Upper
252 100
253 22.2 17.6 26.4
125 9.8 7.9 11.9

Manual Integrations
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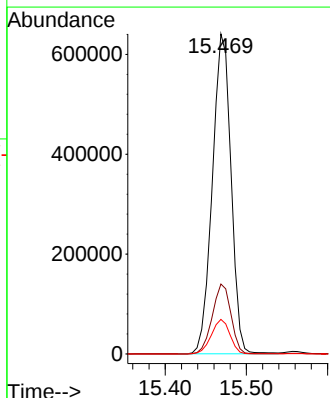
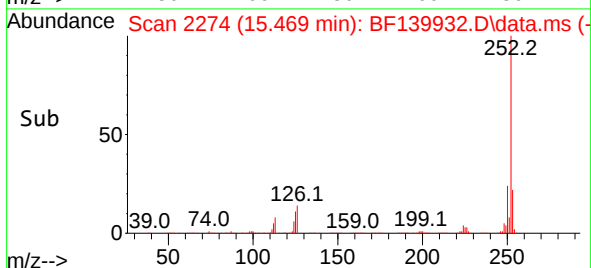
Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024

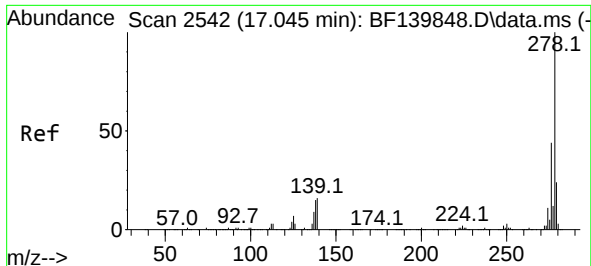


#90
Benzo(a)pyrene
Concen: 58.310 ng
RT: 15.469 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59



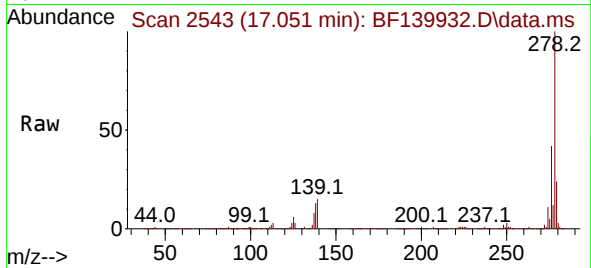
Tgt Ion:252 Resp: 1024977
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.8 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 45.895 ng
RT: 17.051 min Scan# 2543
Delta R.T. 0.006 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

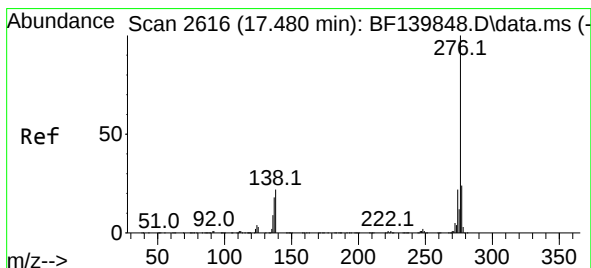
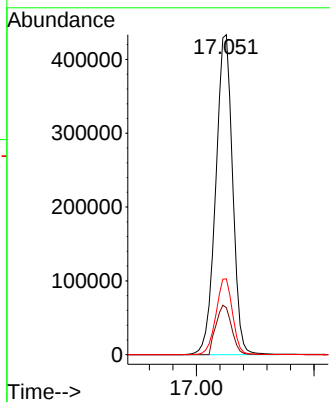
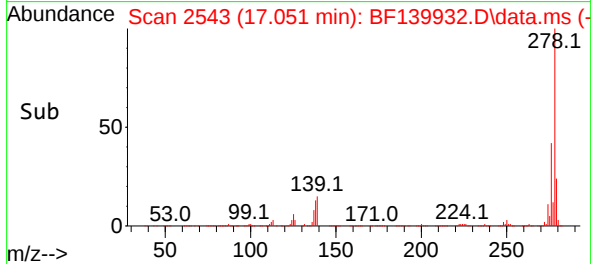
Instrument :
BNA_F
ClientSampleId :
IB-1MSD



Tgt Ion:278 Resp: 86378
Ion Ratio Lower Upper
278 100
139 14.7 13.1 19.7
279 23.7 19.0 28.4

Manual Integrations
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Reviewed By :Jagrut Upadhyay 10/23/2024
Supervised By :mohammad ahmed 10/24/2024



#92
Benzo(g,h,i)perylene
Concen: 38.645 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF139932.D
Acq: 22 Oct 2024 16:59

Tgt Ion:276 Resp: 726513
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 21.0 17.4 26.0

