

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139903.D
 Acq On : 21 Oct 2024 15:15
 Operator : RC/JU
 Sample : P4385-06MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

Quant Time: Oct 21 15:41:49 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	163321	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	638402	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	343933	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	570576	20.000	ng	0.00
76) Chrysene-d12	14.057	240	298930	20.000	ng	0.00
86) Perylene-d12	15.533	264	341306	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1217137	116.667	ng	0.02
7) Phenol-d6	6.510	99	1562444	115.635	ng	0.00
23) Nitrobenzene-d5	7.451	82	1004005	87.164	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	395137	122.826	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1728221	83.046	ng	0.00
79) Terphenyl-d14	12.998	244	1518139	82.754	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.769	88	228063	46.886	ng	97
3) Pyridine	3.522	79	577738	47.918	ng	99
4) n-Nitrosodimethylamine	3.475	42	328170	50.661	ng	99
6) Aniline	6.551	93	358661	28.481	ng	97
8) 2-Chlorophenol	6.675	128	577767	54.173	ng	98
9) Benzaldehyde	6.440	77	168270	22.137	ng	99
10) Phenol	6.528	94	745044m	53.484	ng	
11) bis(2-Chloroethyl)ether	6.622	93	565575	52.529	ng	100
12) 1,3-Dichlorobenzene	6.834	146	612426	50.023	ng	99
13) 1,4-Dichlorobenzene	6.910	146	614872	50.270	ng	99
14) 1,2-Dichlorobenzene	7.057	146	595411	52.158	ng	99
15) Benzyl Alcohol	7.028	79	538497	54.331	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	960673	52.327	ng	99
17) 2-Methylphenol	7.134	107	484216	53.244	ng	100
18) Hexachloroethane	7.404	117	222977	51.121	ng	98
19) n-Nitroso-di-n-propyla...	7.304	70	416456	50.819	ng	98
20) 3+4-Methylphenols	7.287	107	583044	50.123	ng	94
22) Acetophenone	7.298	105	771816	49.360	ng	100
24) Nitrobenzene	7.469	77	633055	50.127	ng	100
25) Isophorone	7.710	82	1143161	52.289	ng	100
26) 2-Nitrophenol	7.787	139	290123	60.895	ng	97
27) 2,4-Dimethylphenol	7.816	122	465684	58.619	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	680176	51.351	ng	100
29) 2,4-Dichlorophenol	8.022	162	472543	52.222	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	490878	49.026	ng	98
31) Naphthalene	8.192	128	1636861	49.715	ng	100
32) Benzoic acid	7.934	122	371322	53.590	ng	96
33) 4-Chloroaniline	8.240	127	106463	9.483	ng	98
34) Hexachlorobutadiene	8.310	225	315778	50.195	ng	100
35) Caprolactam	8.610	113	156599m	54.428	ng	
36) 4-Chloro-3-methylphenol	8.716	107	512994	51.199	ng	97
37) 2-Methylnaphthalene	8.887	142	1022931	50.729	ng	100
38) 1-Methylnaphthalene	8.987	142	958193	48.433	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	472211	50.891	ng	99
41) Hexachlorocyclopentadiene	9.039	237	509293	157.746	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	365986	55.712	ng	99

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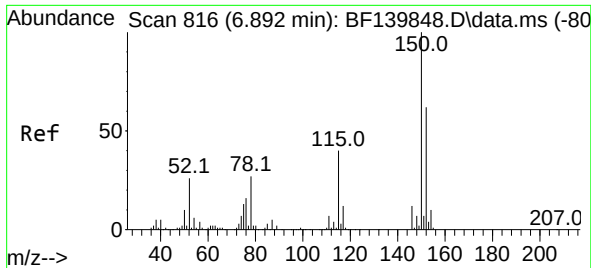
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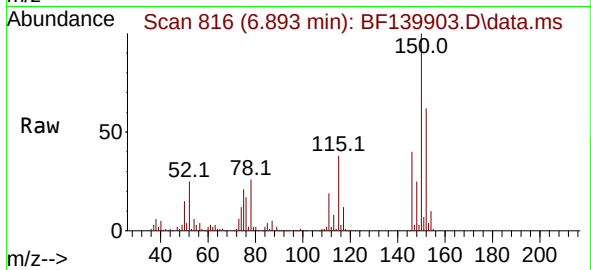
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	348599	51.433	ng	99
46) 1,1'-Biphenyl	9.351	154	1207748	50.443	ng	99
47) 2-Chloronaphthalene	9.375	162	976951	50.662	ng	99
48) 2-Nitroaniline	9.469	65	335852	56.945	ng	94
49) Acenaphthylene	9.792	152	1505400	53.998	ng	99
50) Dimethylphthalate	9.651	163	1138290	53.134	ng	100
51) 2,6-Dinitrotoluene	9.710	165	250213	53.943	ng	98
52) Acenaphthene	9.963	154	1031445	57.193	ng	100
53) 3-Nitroaniline	9.875	138	147184	30.770	ng	98
54) 2,4-Dinitrophenol	9.981	184	244925	123.246	ng	# 1
55) Dibenzofuran	10.134	168	1320686	51.040	ng	99
56) 4-Nitrophenol	10.034	139	381655	103.707	ng	98
57) 2,4-Dinitrotoluene	10.116	165	326515	57.242	ng	98
58) Fluorene	10.481	166	974437	49.443	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	284032	53.457	ng	98
60) Diethylphthalate	10.351	149	1085654	51.614	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	488451	49.077	ng	99
62) 4-Nitroaniline	10.492	138	224336	49.657	ng	98
63) Azobenzene	10.634	77	1348180	60.458	ng	89
65) 4,6-Dinitro-2-methylph...	10.522	198	164102	70.510	ng	92
66) n-Nitrosodiphenylamine	10.586	169	914399	53.545	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	314167	53.448	ng	95
68) Hexachlorobenzene	11.022	284	345791	52.307	ng	99
69) Atrazine	11.116	200	286426	61.917	ng	99
70) Pentachlorophenol	11.216	266	396159	98.740	ng	99
71) Phenanthrene	11.439	178	1389005	51.537	ng	100
72) Anthracene	11.492	178	1357792	51.634	ng	100
73) Carbazole	11.645	167	1174574	48.028	ng	99
74) Di-n-butylphthalate	11.975	149	1467314	51.931	ng	100
75) Fluoranthene	12.627	202	1278160	46.912	ng	99
77) Benzidine	12.745	184	139256	28.330	ng	99
78) Pyrene	12.857	202	1284179	49.078	ng	100
80) Butylbenzylphthalate	13.475	149	497868	63.465	ng	100
81) Benzo(a)anthracene	14.045	228	1024399	52.643	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	155200	27.354	ng	99
83) Chrysene	14.080	228	957695	53.677	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	612765	69.622	ng	99
85) Di-n-octyl phthalate	14.651	149	1042738	65.136	ng	98
87) Indeno(1,2,3-cd)pyrene	17.027	276	1022588	46.572	ng	98
88) Benzo(b)fluoranthene	15.098	252	1120950	53.915	ng	100
89) Benzo(k)fluoranthene	15.127	252	916543	51.117	ng	100
90) Benzo(a)pyrene	15.468	252	977805	57.157	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	836229	45.653	ng	99
92) Benzo(g,h,i)perylene	17.480	276	736293	40.243	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: BF139903.D
Acq: 21 Oct 2024 15:15

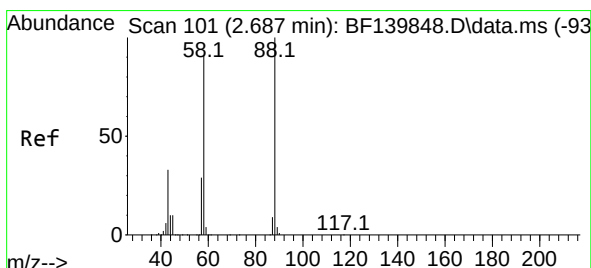
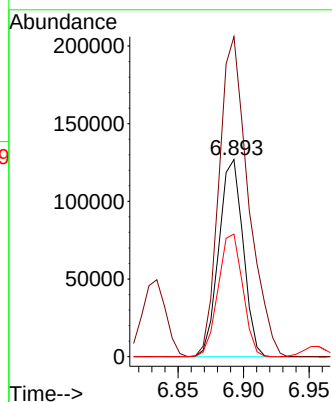
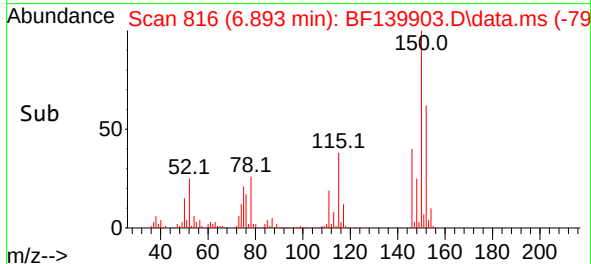
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion:152 Resp: 16332
Ion Ratio Lower Upper
152 100
150 162.3 130.2 195.2
115 62.2 51.4 77.2

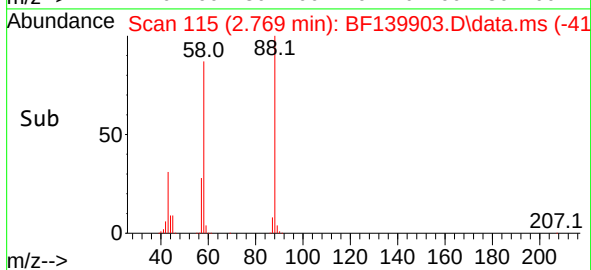
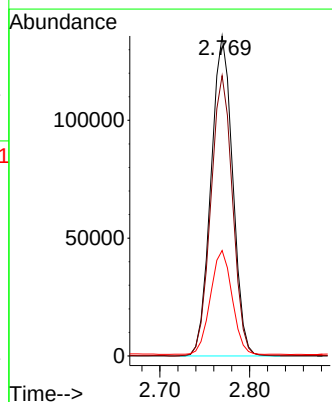
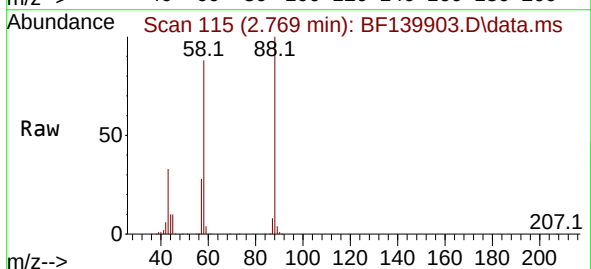
Manual Integrations
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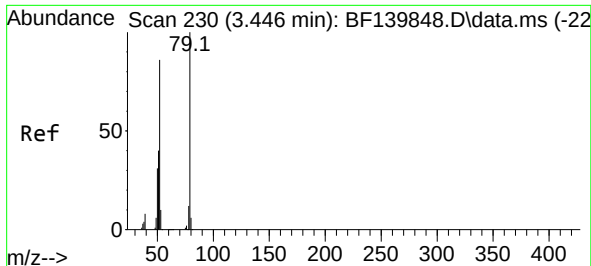
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#2
1,4-Dioxane
Concen: 46.886 ng
RT: 2.769 min Scan# 115
Delta R.T. 0.083 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

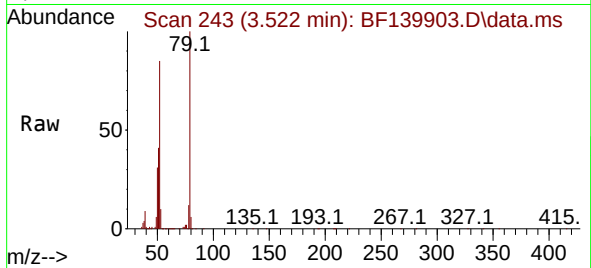
Tgt Ion: 88 Resp: 228063
Ion Ratio Lower Upper
88 100
58 88.0 73.3 109.9
43 32.4 27.1 40.7





#3
Pyridine
Concen: 47.918 ng
RT: 3.522 min Scan# 243
Delta R.T. 0.077 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

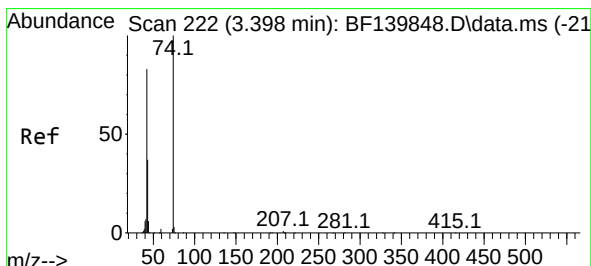
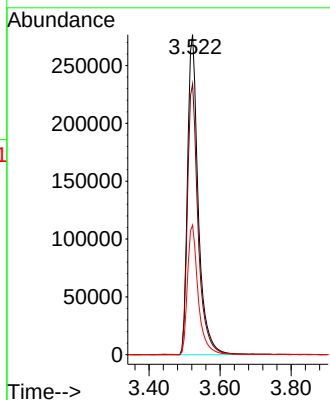
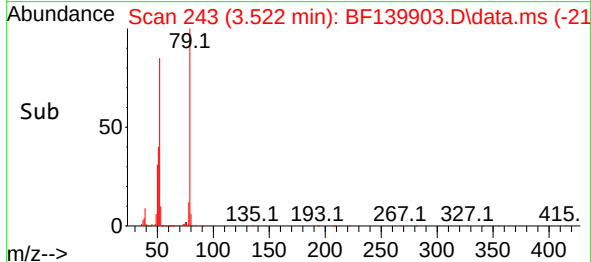
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion: 79 Resp: 577738
Ion Ratio Lower Upper
79 100
52 84.6 68.5 102.7
51 40.5 32.3 48.5

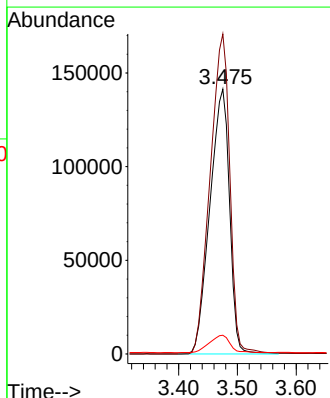
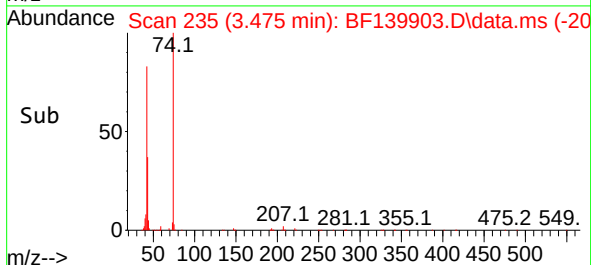
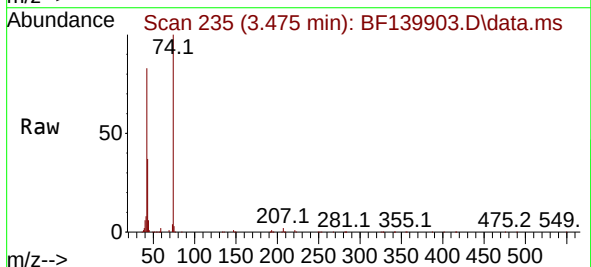
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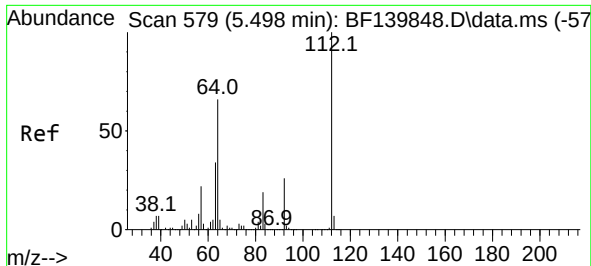
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#4
n-Nitrosodimethylamine
Concen: 50.661 ng
RT: 3.475 min Scan# 235
Delta R.T. 0.077 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

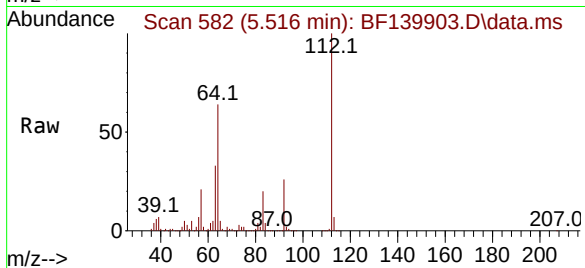
Tgt Ion: 42 Resp: 328170
Ion Ratio Lower Upper
42 100
74 120.8 96.2 144.4
44 7.1 6.2 9.2





#5
2-Fluorophenol
Concen: 116.667 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

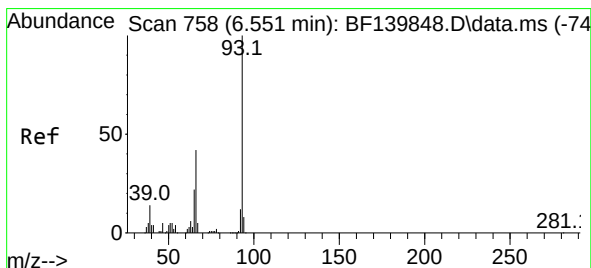
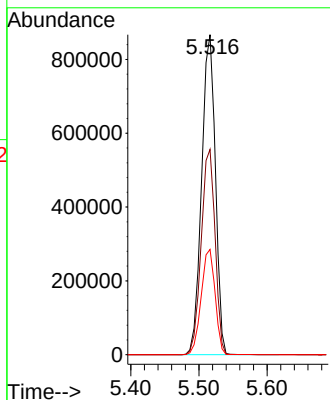
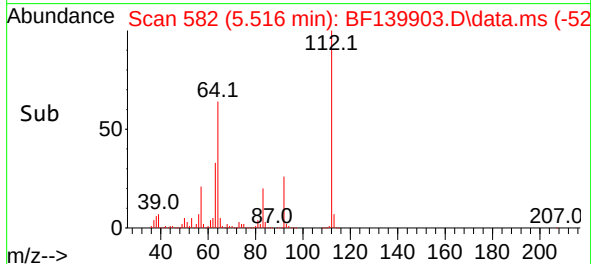
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion: 112 Resp: 121713
Ion Ratio Lower Upper
112 100
64 64.1 53.0 79.6
63 32.9 27.0 40.4

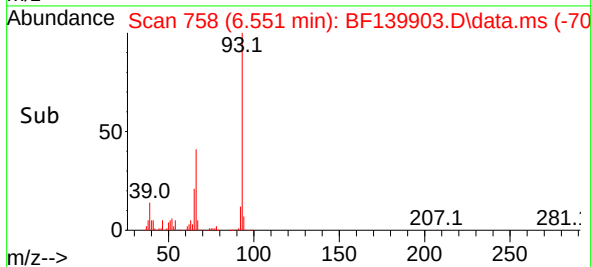
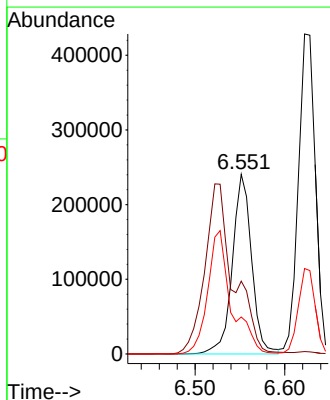
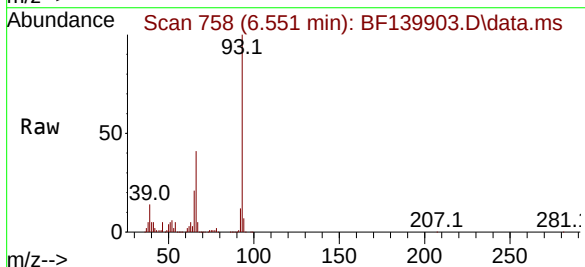
Manual Integrations
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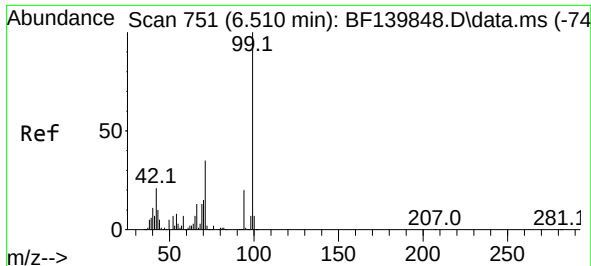
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#6
Aniline
Concen: 28.481 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

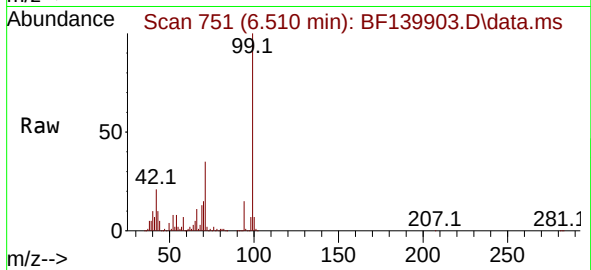
Tgt Ion: 93 Resp: 358661
Ion Ratio Lower Upper
93 100
66 40.5 34.0 51.0
65 20.6 17.4 26.0





#7
Phenol-d6
Concen: 115.635 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

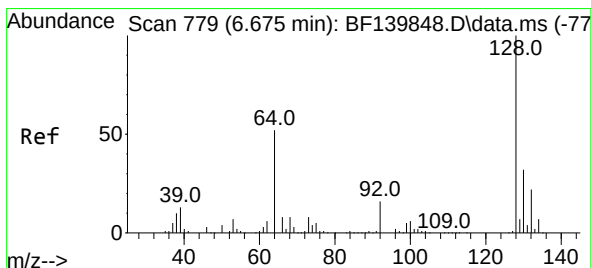
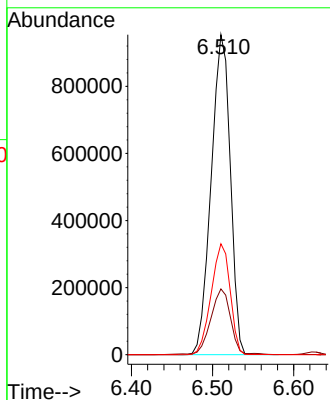
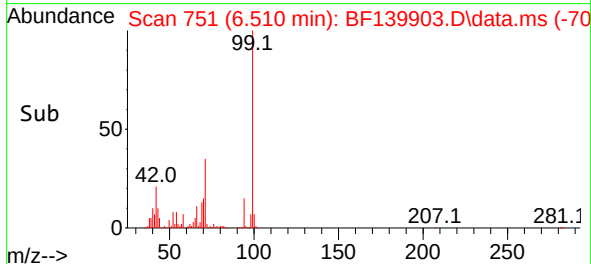
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion: 99 Resp: 156244
Ion Ratio Lower Upper
99 100
42 20.5 16.7 25.1
71 34.7 27.7 41.5

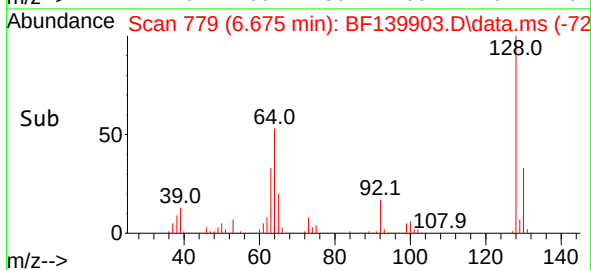
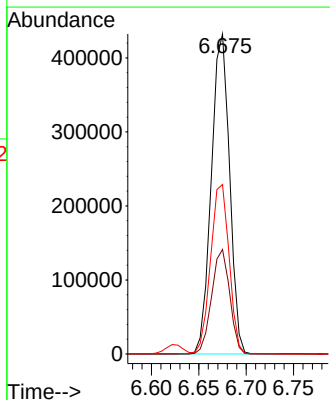
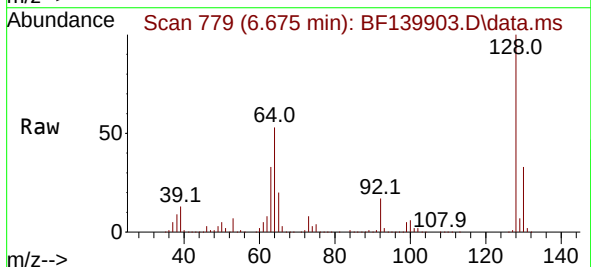
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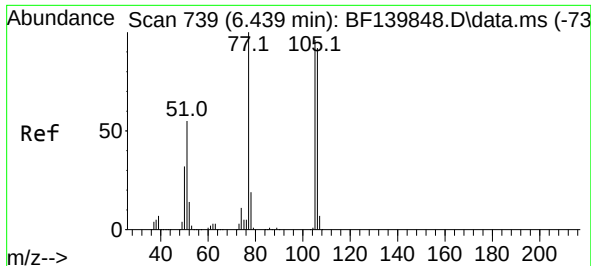
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#8
2-Chlorophenol
Concen: 54.173 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

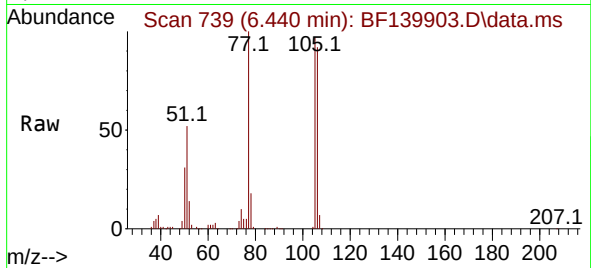
Tgt Ion:128 Resp: 577767
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 53.0 34.6 74.6





#9
Benzaldehyde
Concen: 22.137 ng
RT: 6.440 min Scan# 739
Delta R.T. 0.001 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

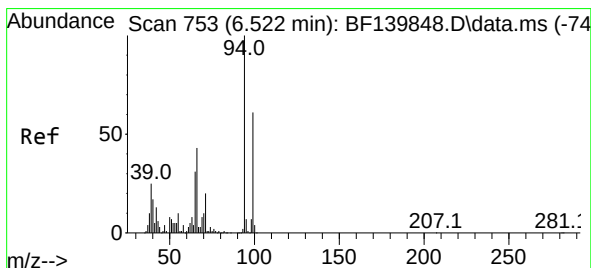
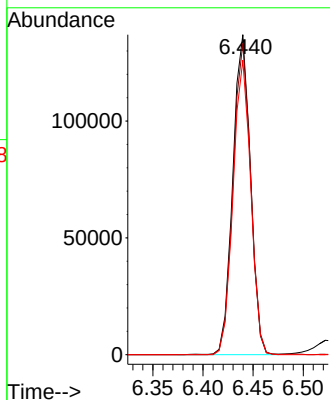
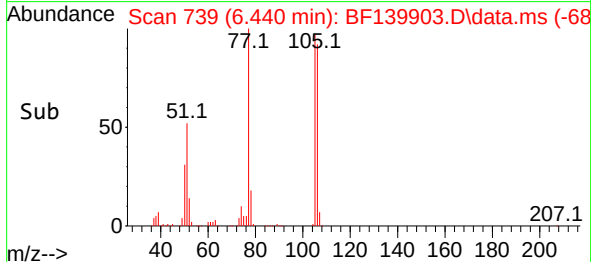
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion: 77 Resp: 168270
Ion Ratio Lower Upper
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105 97.2 75.5 115.5
106 92.0 71.7 111.7

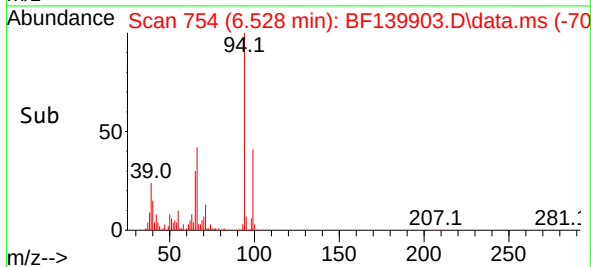
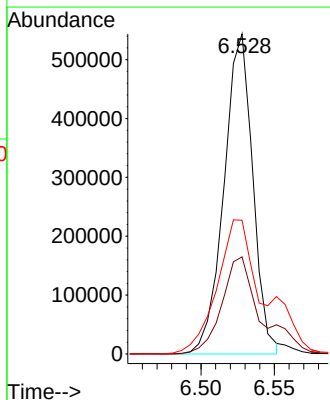
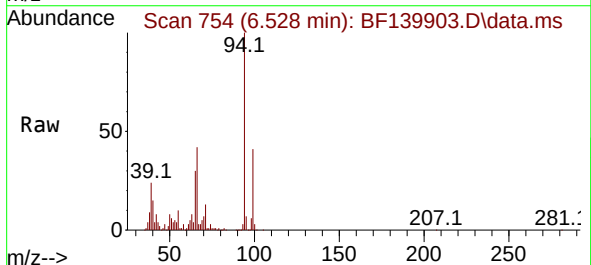
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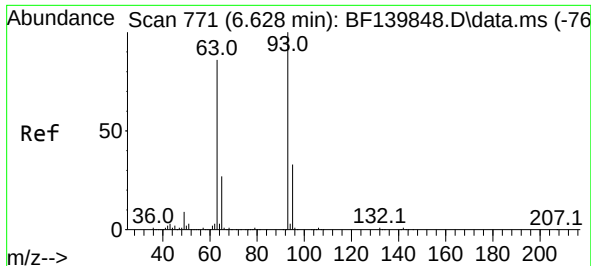
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Phenol
Concen: 53.484 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion: 94 Resp: 745044
Ion Ratio Lower Upper
94 100
65 30.4 11.1 51.1
66 41.8 22.7 62.7





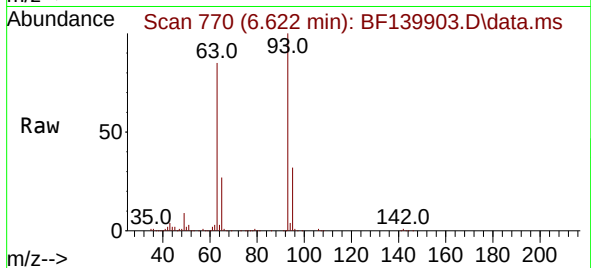
#11
bis(2-Chloroethyl)ether
Concen: 52.529 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

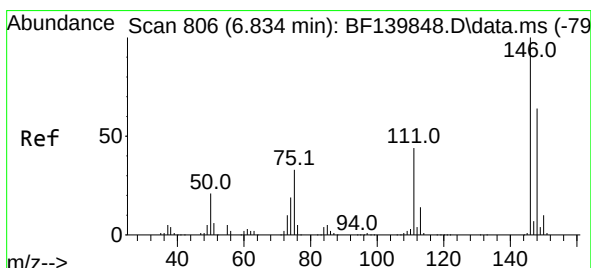
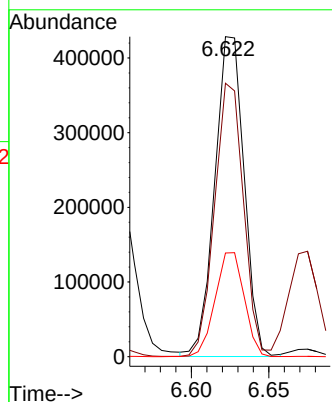
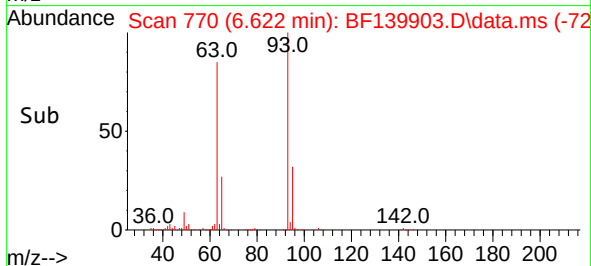
SP-3MSD



Tgt Ion: 93 Resp: 56557
Ion Ratio Lower Upper
93 100
63 85.5 65.0 105.0
95 32.4 12.4 52.4

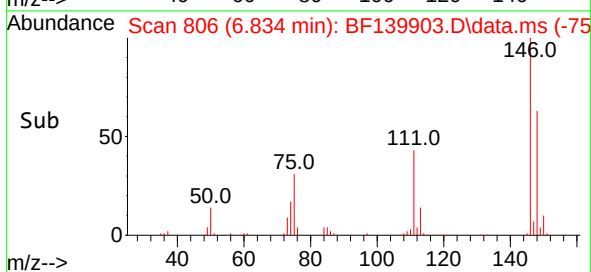
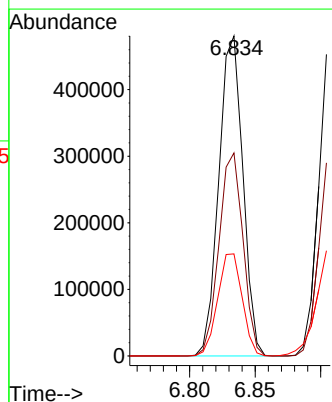
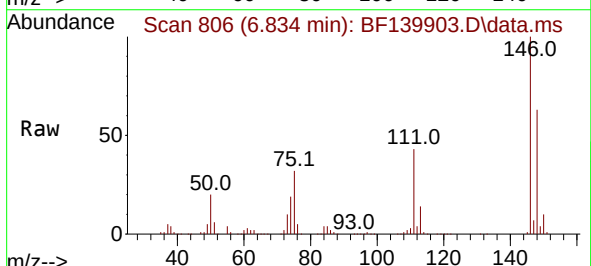
Manual Integrations
APPROVED

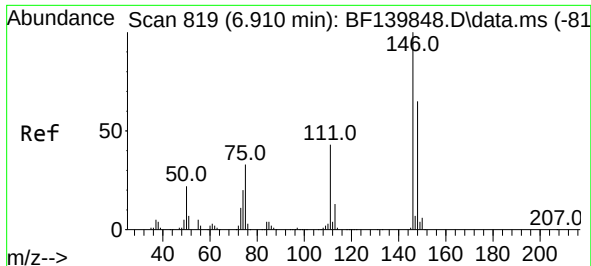
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#12
1,3-Dichlorobenzene
Concen: 50.023 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:146 Resp: 612426
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 31.9 26.4 39.6





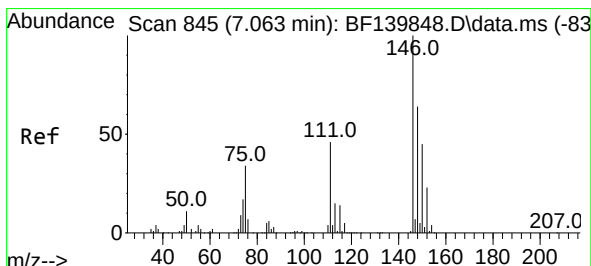
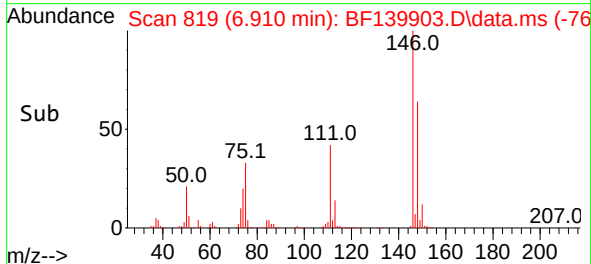
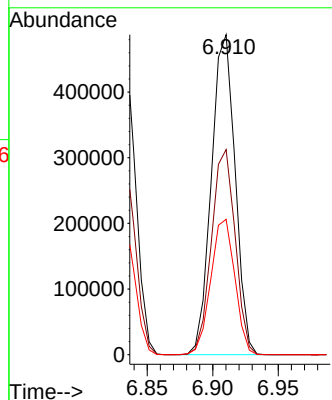
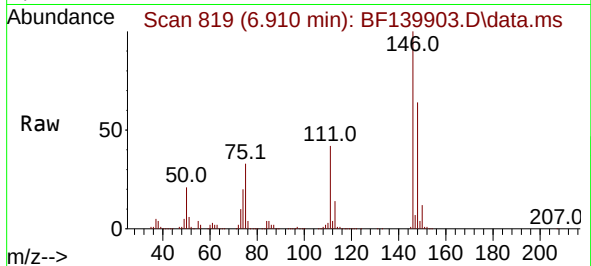
#13
1,4-Dichlorobenzene
Concen: 50.270 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tgt Ion:146 Resp: 614872
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 42.3 34.6 51.8

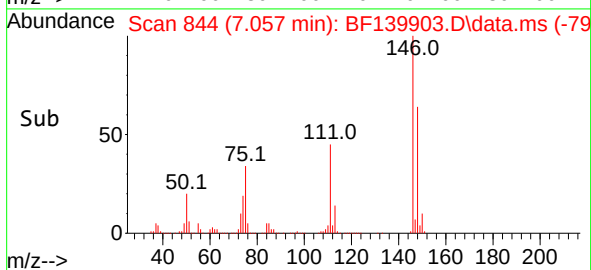
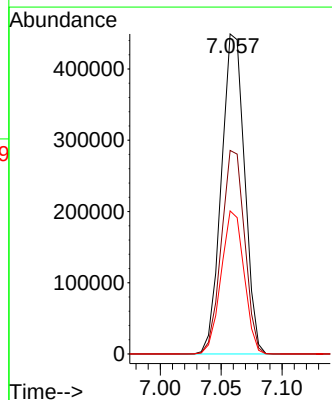
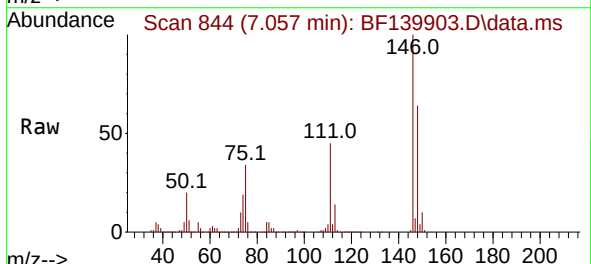
Manual Integrations
APPROVED

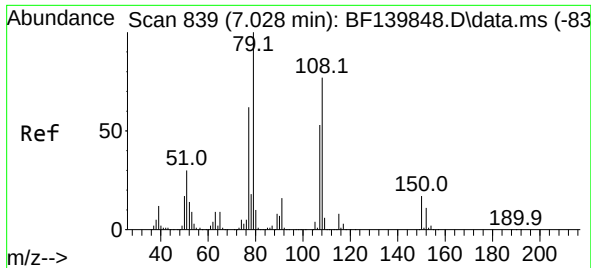
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#14
1,2-Dichlorobenzene
Concen: 52.158 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:146 Resp: 595411
Ion Ratio Lower Upper
146 100
148 63.6 51.4 77.2
111 44.7 36.7 55.1





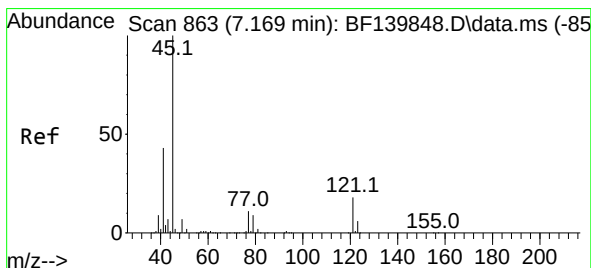
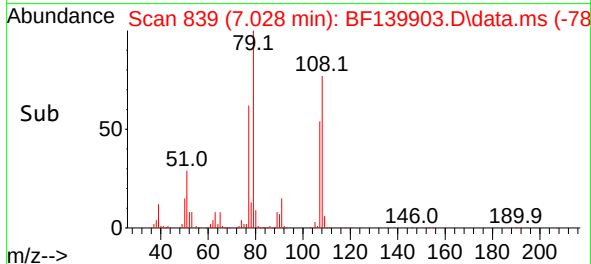
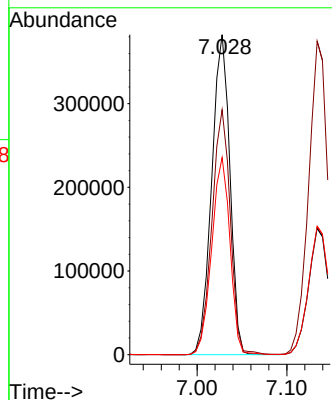
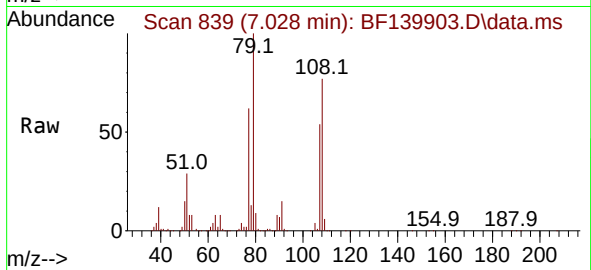
#15
Benzyl Alcohol
Concen: 54.331 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tgt Ion: 79 Resp: 53849
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.6 49.9 74.9

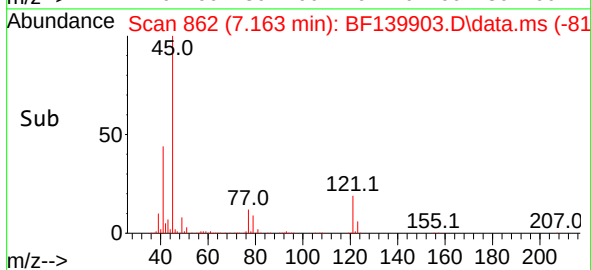
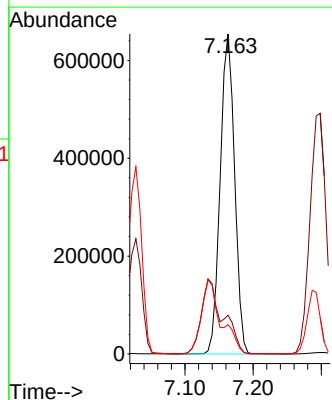
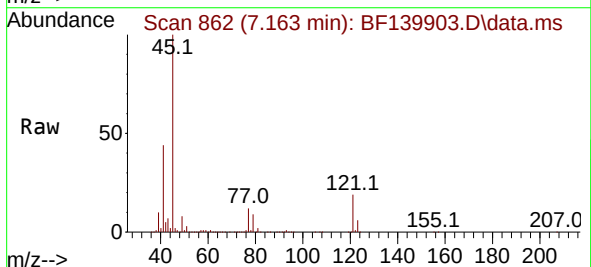
Manual Integrations
APPROVED

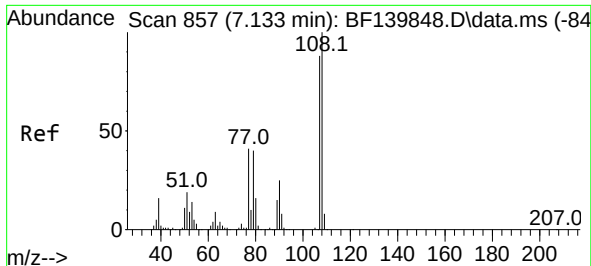
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.327 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion: 45 Resp: 960673
Ion Ratio Lower Upper
45 100
77 12.1 0.0 31.5
79 9.1 0.0 29.1





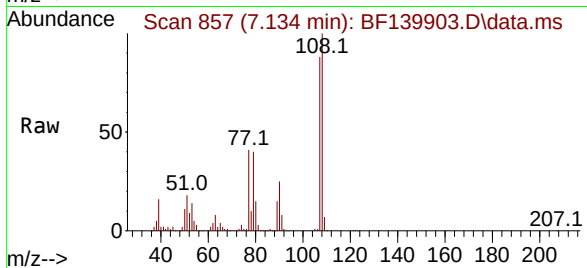
#17
2-Methylphenol
Concen: 53.244 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

Client SampleId :

SP-3MSD

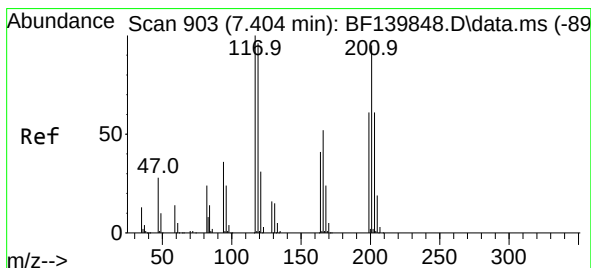
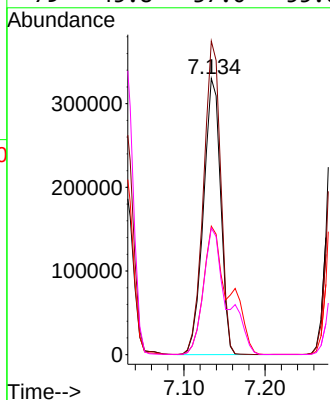
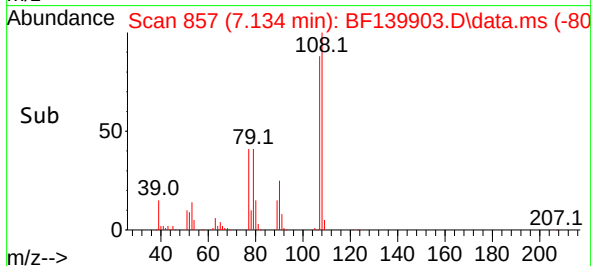


Tgt Ion:107 Resp: 484210
Ion Ratio Lower Upper
107 100
108 113.6 91.3 136.9
77 46.5 37.1 55.7
79 45.8 37.0 55.6

Manual Integrations

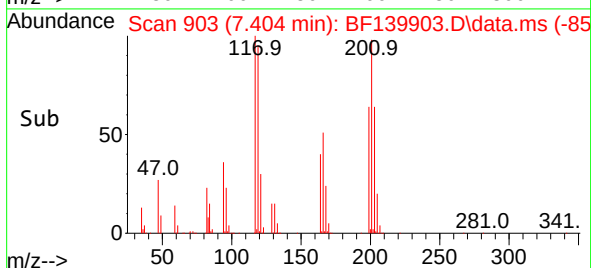
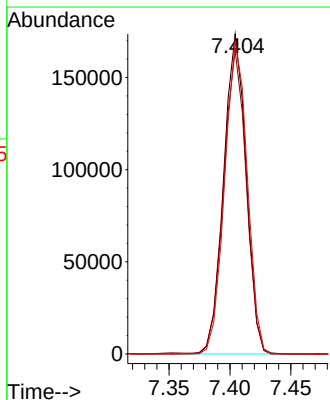
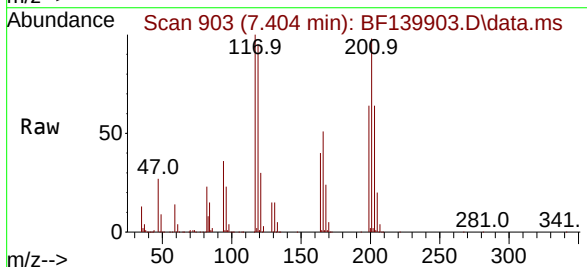
APPROVED

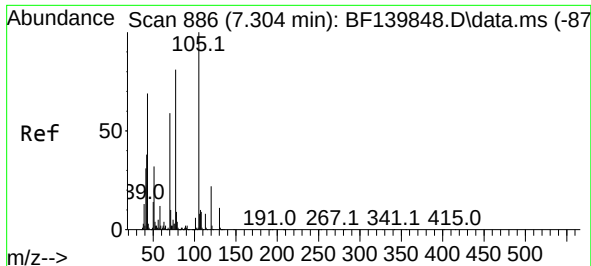
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#18
Hexachloroethane
Concen: 51.121 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

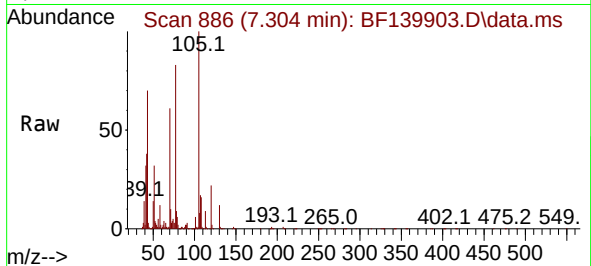
Tgt Ion:117 Resp: 222977
Ion Ratio Lower Upper
117 100
119 94.8 77.0 115.4
201 97.6 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 50.819 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

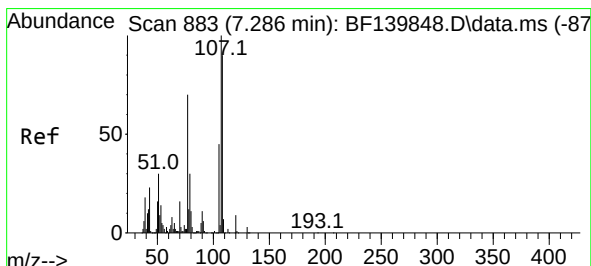
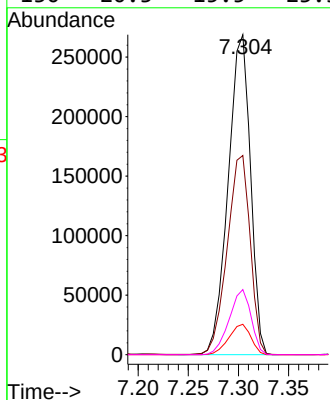
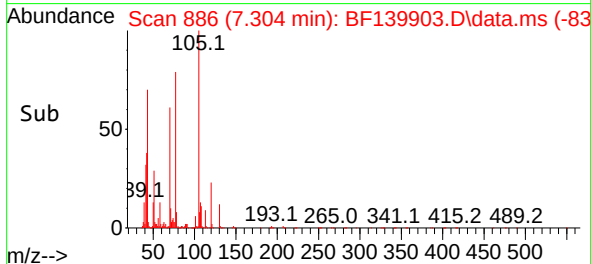
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



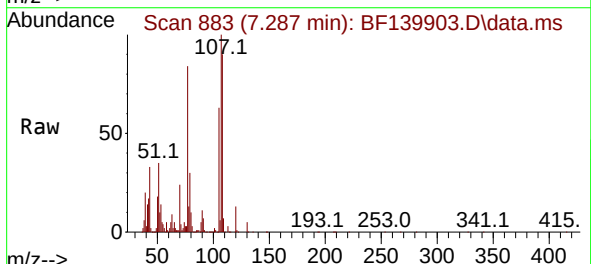
Tgt Ion: 70 Resp: 416450
Ion Ratio Lower Upper
70 100
42 62.3 51.5 77.3
101 9.5 7.5 11.3
130 20.3 15.5 23.3

Manual Integrations
APPROVED

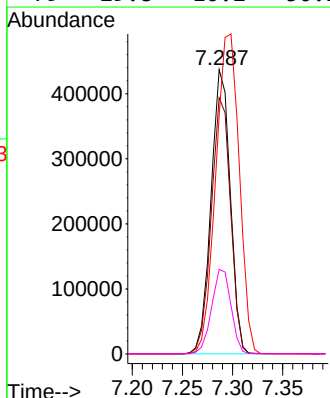
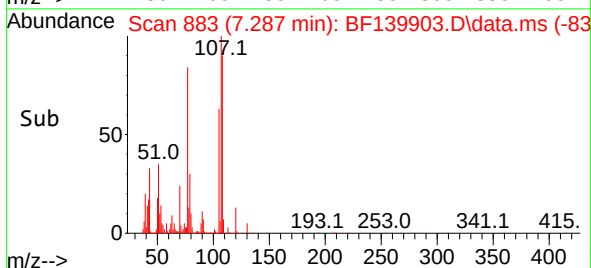
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

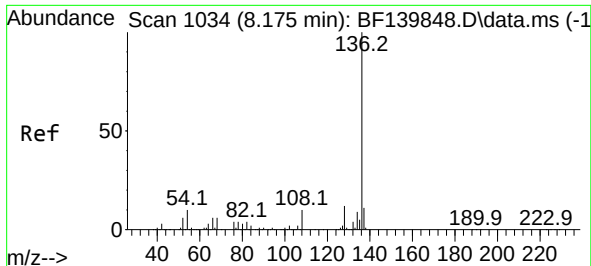


#20
3+4-Methylphenols
Concen: 50.123 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:107 Resp: 583044
Ion Ratio Lower Upper
107 100
108 90.1 69.8 109.8
77 84.0 50.5 90.5
79 29.8 10.2 50.2





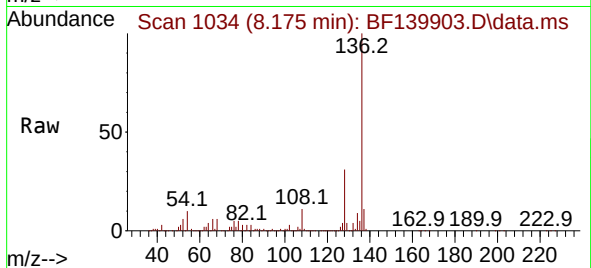
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

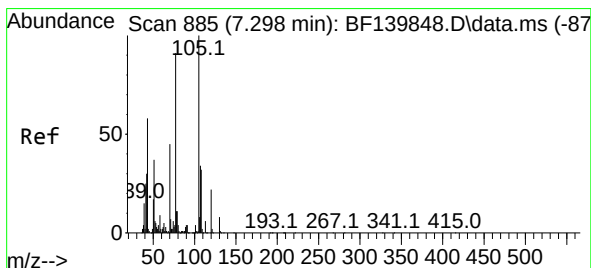
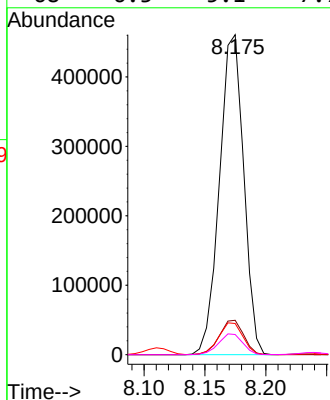
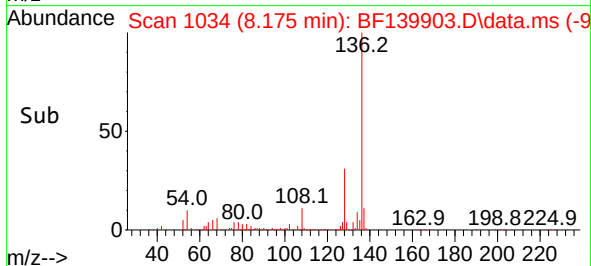
SP-3MSD



Tgt Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	9.7	8.4	12.6
68	6.3	5.1	7.7

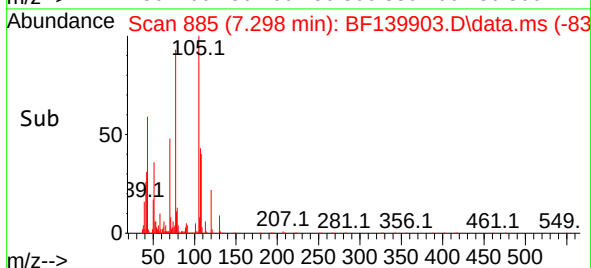
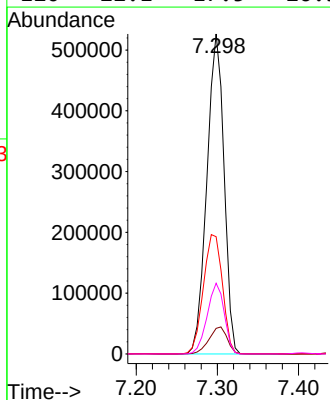
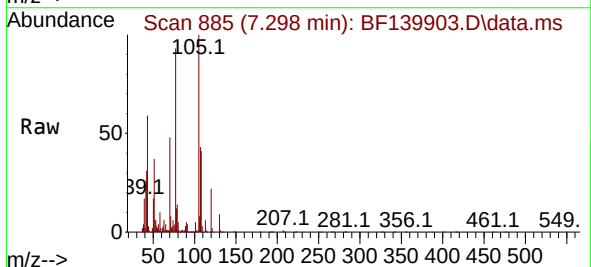
Manual Integrations
APPROVED

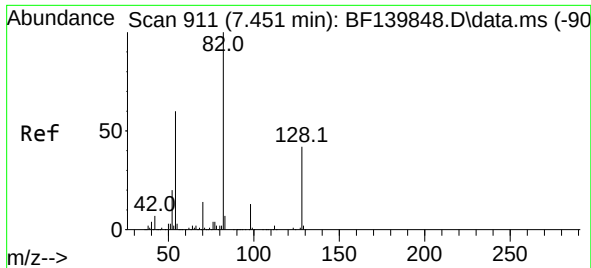
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#22
Acetophenone
Concen: 49.360 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion	Ratio	Lower	Upper
105	100		
71	8.0	5.9	8.9
51	36.6	29.4	44.2
120	22.1	17.5	26.3





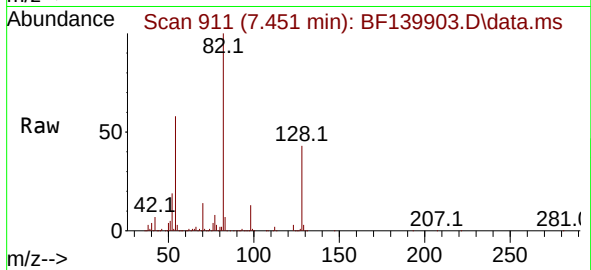
#23
Nitrobenzene-d5
Concen: 87.164 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD



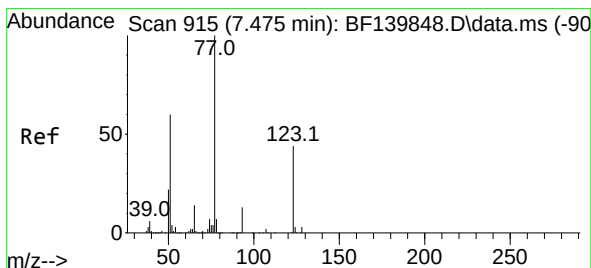
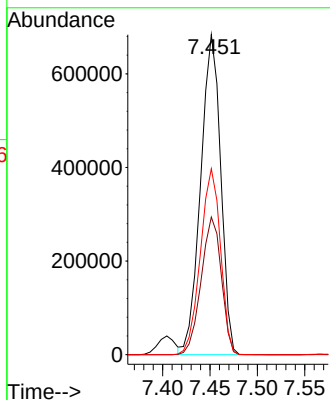
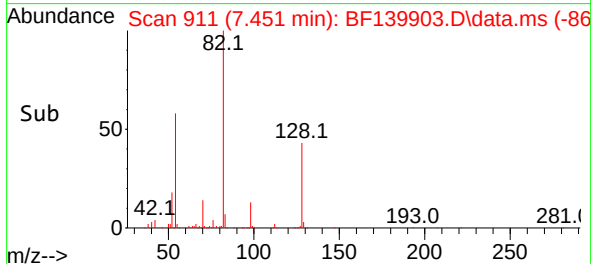
Tgt Ion: 82 Resp: 1004005
Ion Ratio Lower Upper
82 100
128 43.0 33.4 50.0
54 58.1 47.8 71.8

Manual Integrations

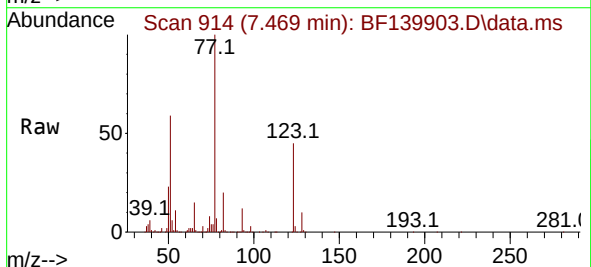
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

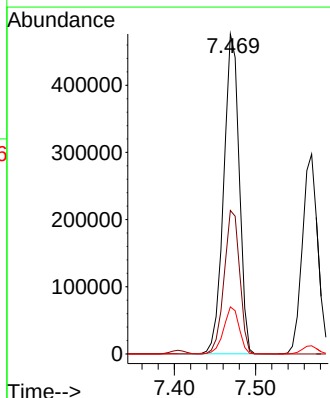
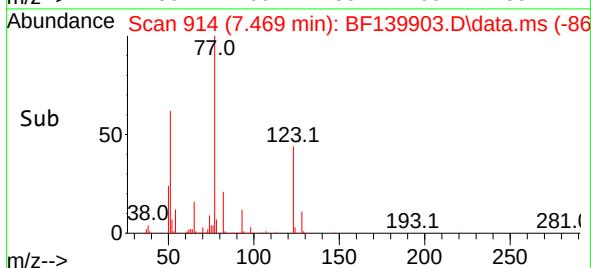
Supervised By :mohammad ahmed 10/23/2024

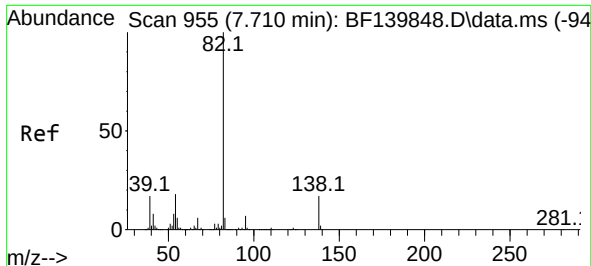


#24
Nitrobenzene
Concen: 50.127 ng
RT: 7.469 min Scan# 914
Delta R.T. -0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



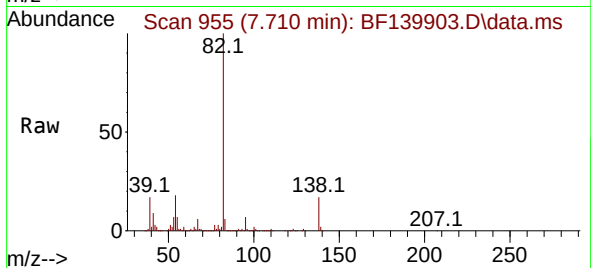
Tgt Ion: 77 Resp: 633055
Ion Ratio Lower Upper
77 100
123 44.8 35.7 53.5
65 14.7 11.5 17.3





#25
Isophorone
Concen: 52.289 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

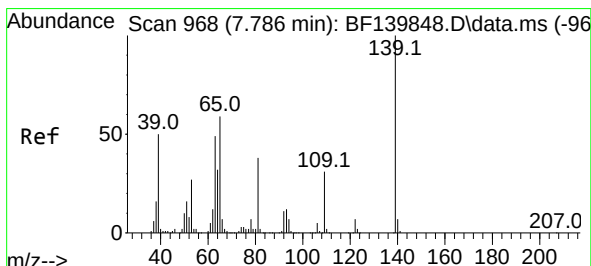
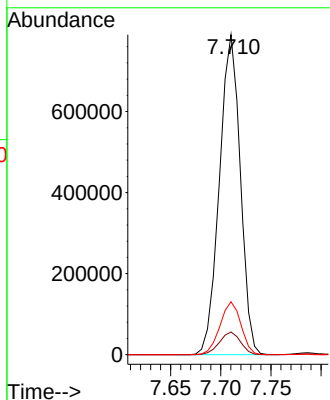
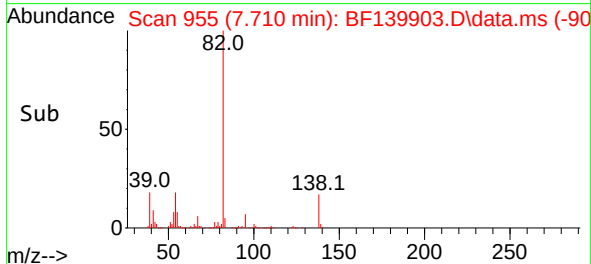
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion: 82 Resp: 114316
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.6 13.2 19.8

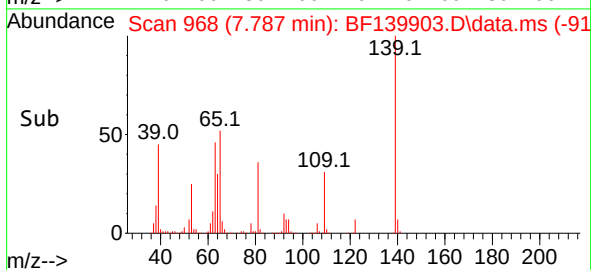
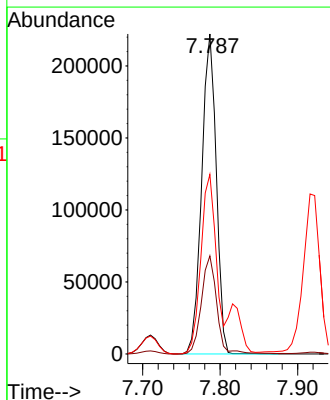
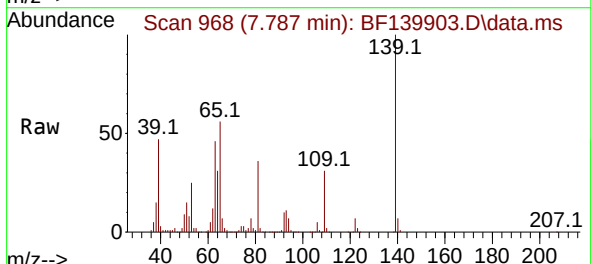
Manual Integrations
APPROVED

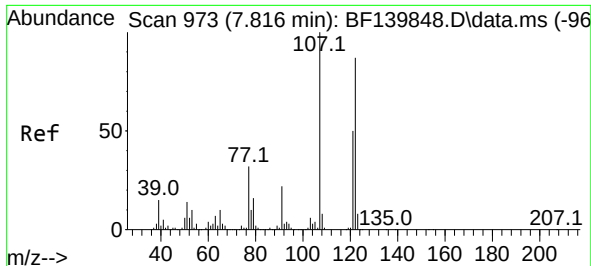
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#26
2-Nitrophenol
Concen: 60.895 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:139 Resp: 290123
Ion Ratio Lower Upper
139 100
109 30.7 25.1 37.7
65 56.1 47.5 71.3





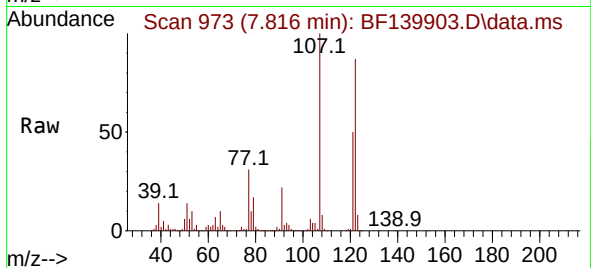
#27
2,4-Dimethylphenol
Concen: 58.619 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD



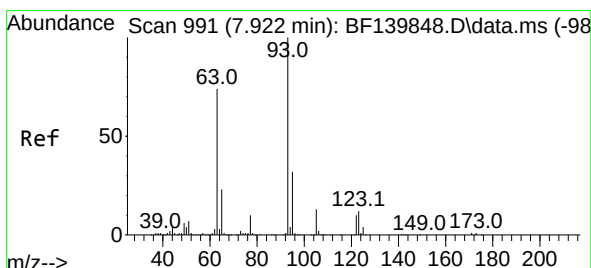
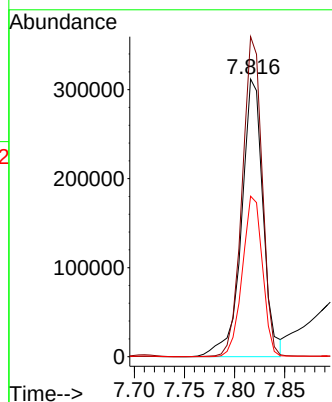
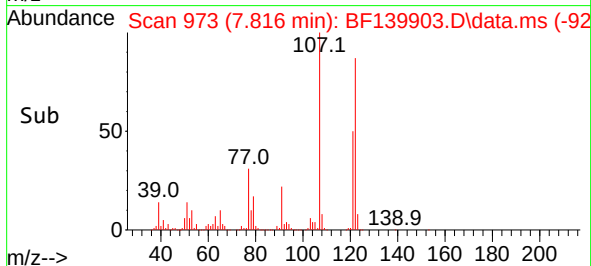
Tgt Ion:122 Resp: 465684
Ion Ratio Lower Upper
122 100
107 115.3 91.9 137.9
121 57.8 46.2 69.4

Manual Integrations

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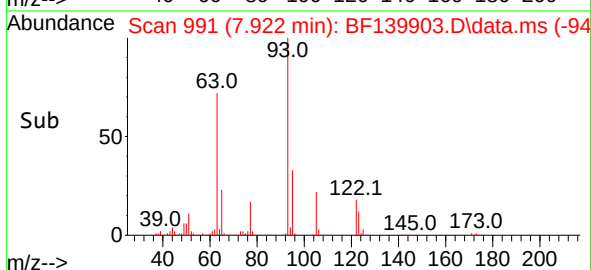
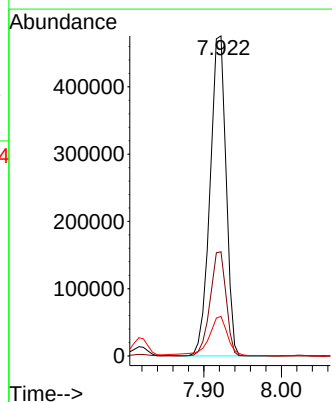
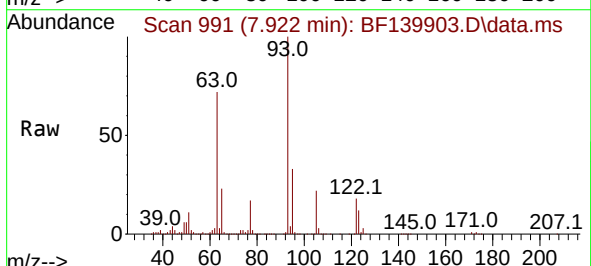
Reviewed By :Yogesh Patel 10/22/2024

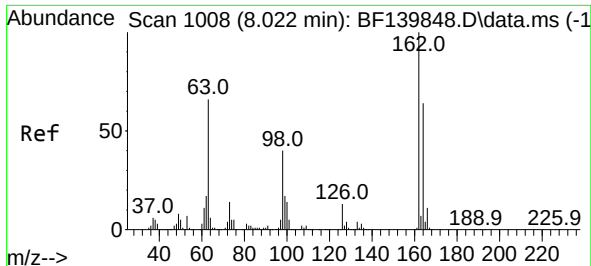
Supervised By :mohammad ahmed 10/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 51.351 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion: 93 Resp: 680176
Ion Ratio Lower Upper
93 100
95 32.6 26.0 39.0
123 12.3 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 52.222 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

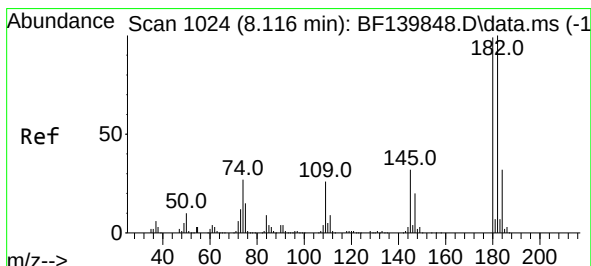
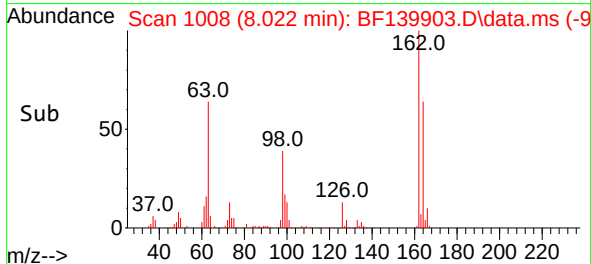
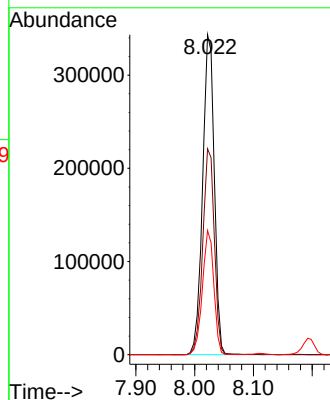
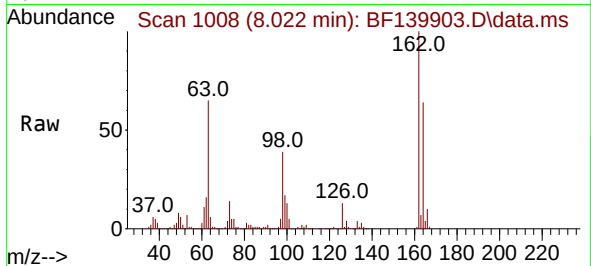
SP-3MSD

Tgt Ion:162	Resp: 47254
Ion Ratio	Lower Upper
162 100	
164 64.4	43.9 83.9
98 38.8	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 49.026 ng

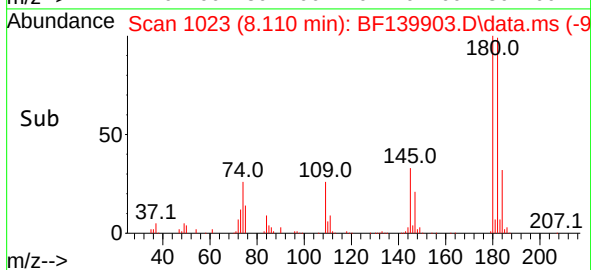
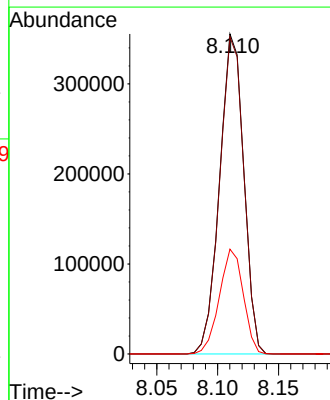
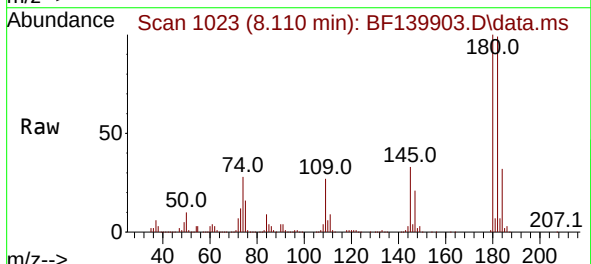
RT: 8.110 min Scan# 1023

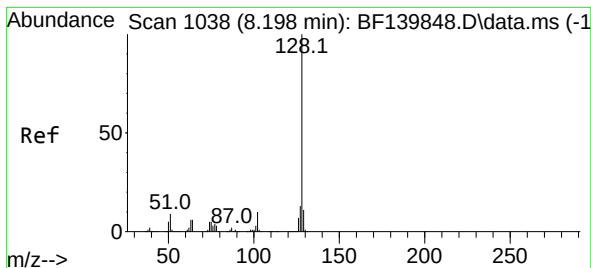
Delta R.T. -0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Tgt Ion:180	Resp: 490878
Ion Ratio	Lower Upper
180 100	
182 99.1	80.5 120.7
145 32.7	25.4 38.0





#31

Naphthalene

Concen: 49.715 ng

RT: 8.192 min Scan# 1038

Delta R.T. -0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tgt Ion:128 Resp: 163686

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

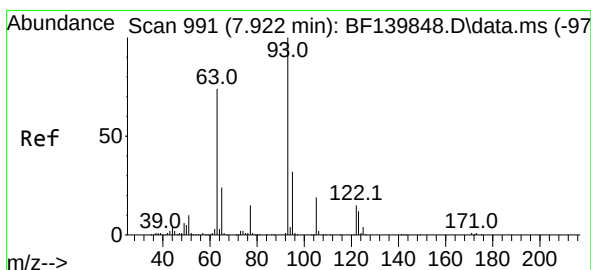
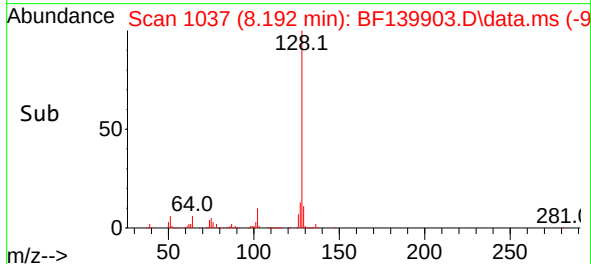
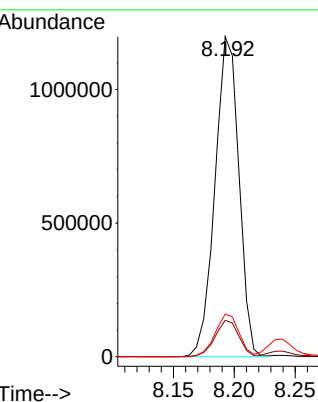
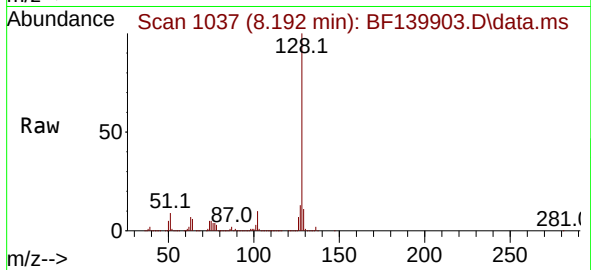
127 13.3 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#32

Benzoic acid

Concen: 53.590 ng

RT: 7.934 min Scan# 993

Delta R.T. 0.012 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

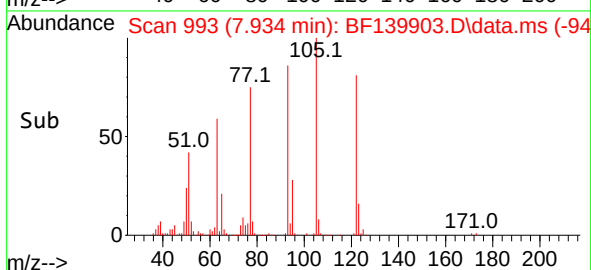
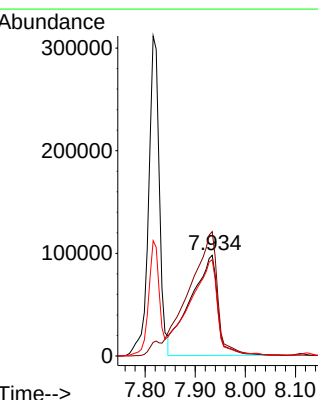
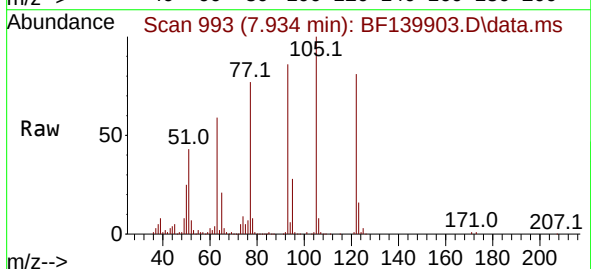
Tgt Ion:122 Resp: 371322

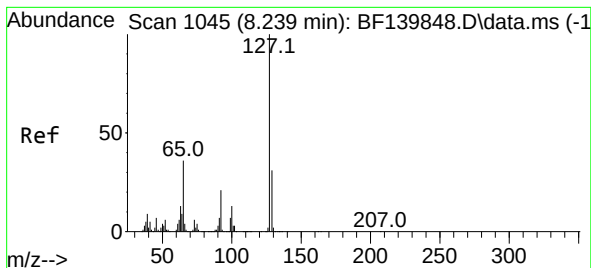
Ion Ratio Lower Upper

122 100

105 123.5 107.6 147.6

77 95.7 80.2 120.2





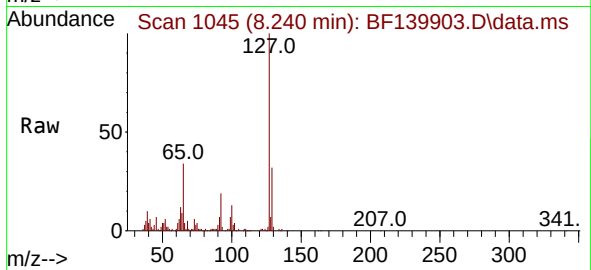
#33
4-Chloroaniline
Concen: 9.483 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

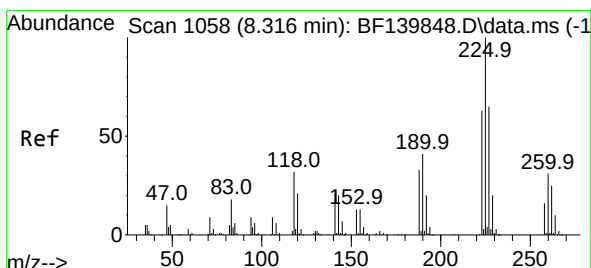
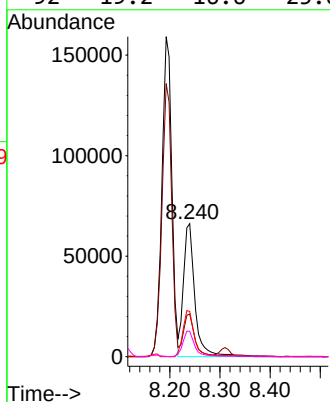
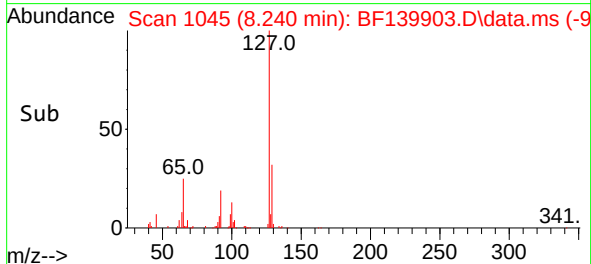


Tgt Ion:127 Resp: 106463
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 34.0 28.4 42.6
92 19.2 16.6 25.0

Manual Integrations

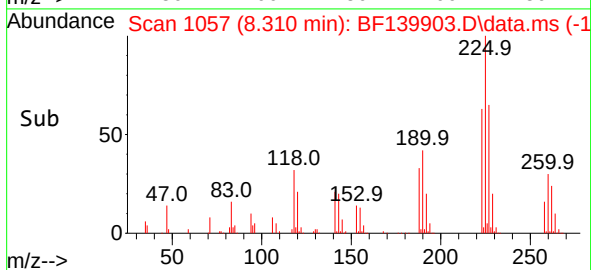
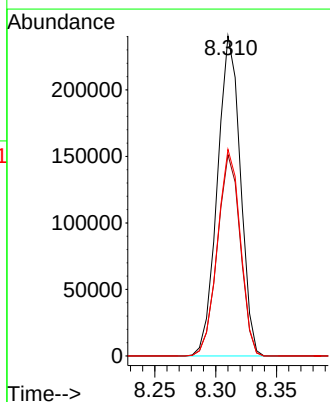
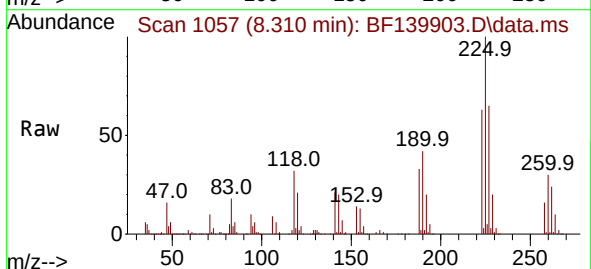
APPROVED

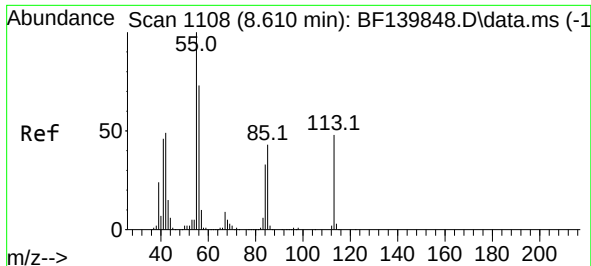
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#34
Hexachlorobutadiene
Concen: 50.195 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

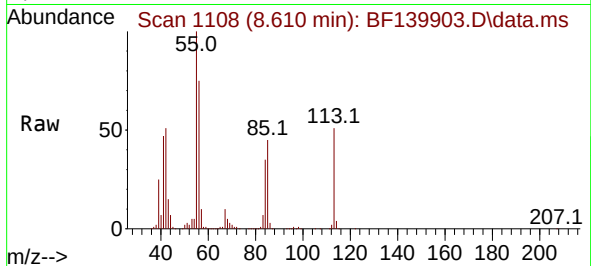
Tgt Ion:225 Resp: 315778
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 64.5 51.8 77.8





#35
Caprolactam
Concen: 54.428 ng m
RT: 8.610 min Scan# 1108
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

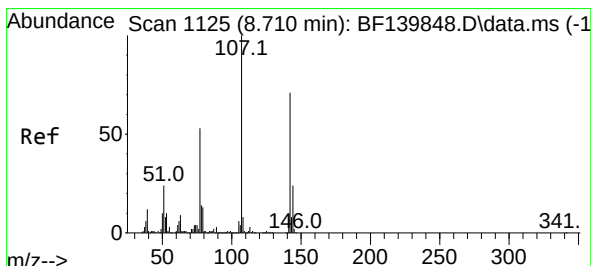
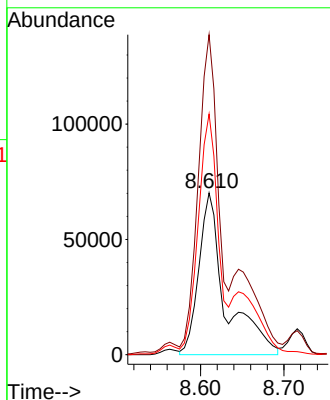
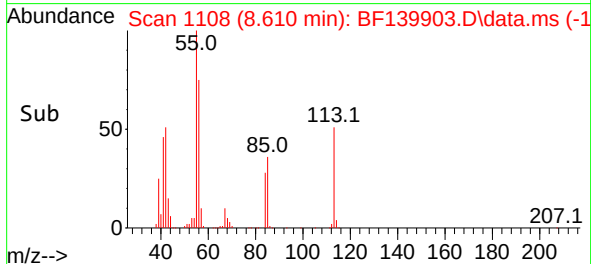
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion:113 Resp: 156599
Ion Ratio Lower Upper
113 100
55 197.7 189.2 229.2
56 148.7 132.5 172.5

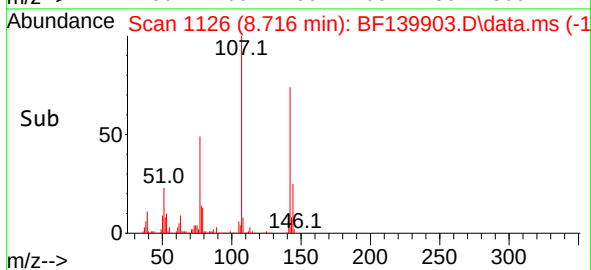
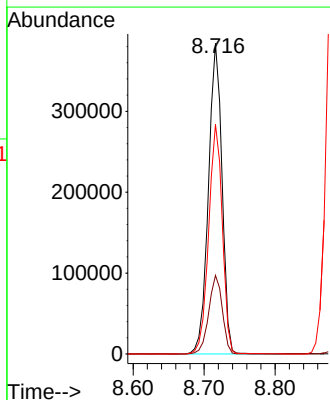
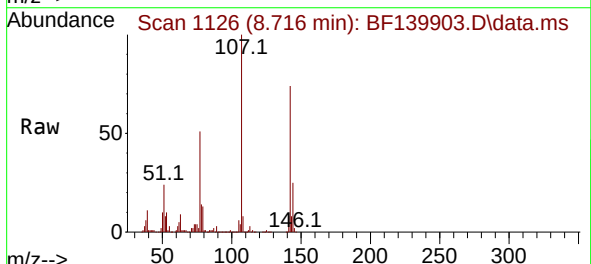
Manual Integrations
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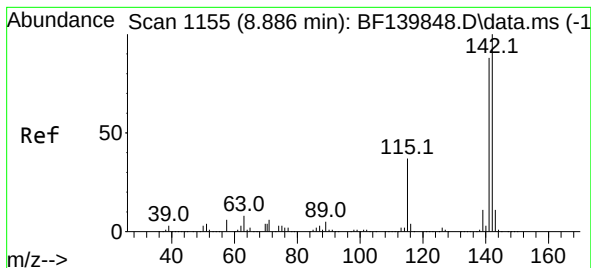
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#36
4-Chloro-3-methylphenol
Concen: 51.199 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

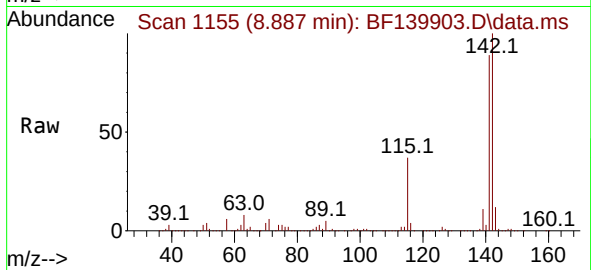
Tgt Ion:107 Resp: 512994
Ion Ratio Lower Upper
107 100
144 25.3 19.1 28.7
142 73.9 57.2 85.8





#37
2-Methylnaphthalene
Concen: 50.729 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

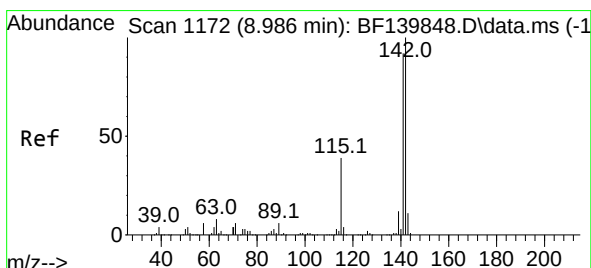
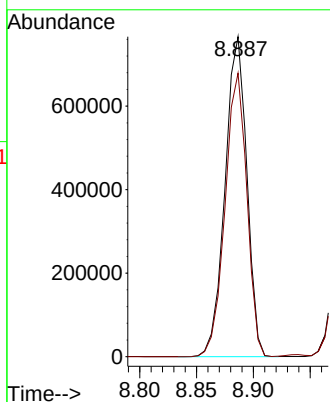
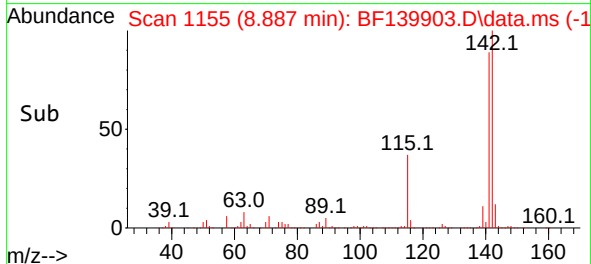
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



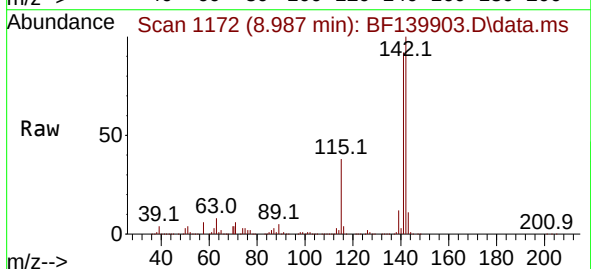
Tgt Ion:142 Resp: 102293
Ion Ratio Lower Upper
142 100
141 88.6 70.8 106.2

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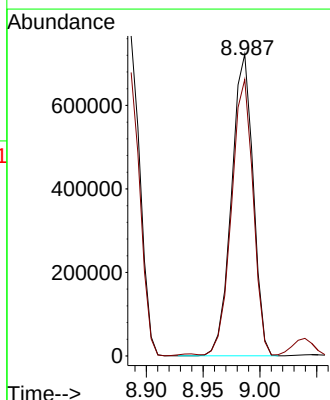
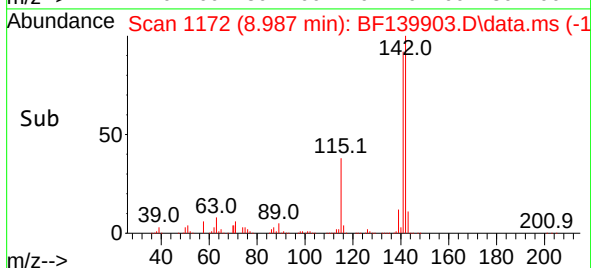
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

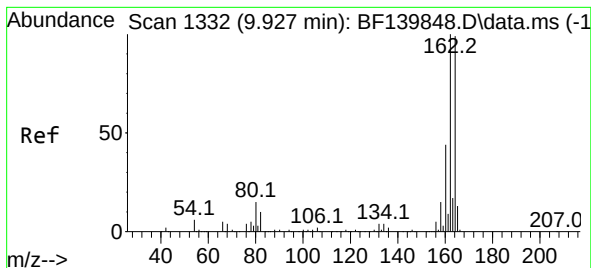


#38
1-Methylnaphthalene
Concen: 48.433 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:142 Resp: 958193
Ion Ratio Lower Upper
142 100
141 91.6 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 1183

Delta R.T. 0.001 min

Lab File: BF139903.D

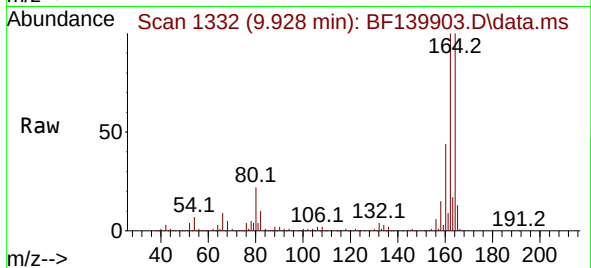
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD



Tgt Ion:164 Resp: 34393

Ion Ratio Lower Upper

164 100

162 100.4 81.0 121.4

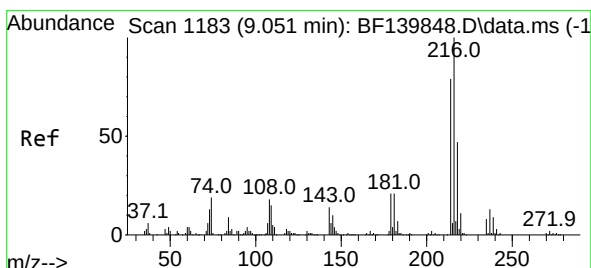
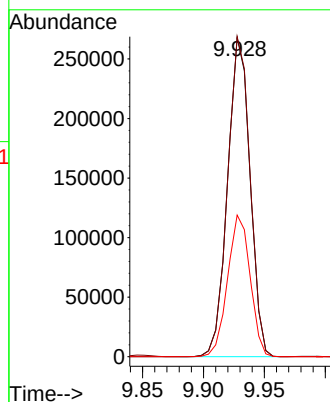
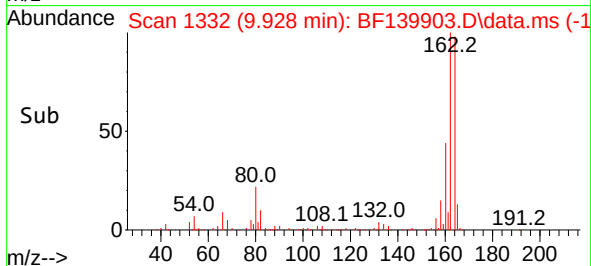
160 44.4 35.4 53.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.891 ng

RT: 9.051 min Scan# 1183

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Tgt Ion:216 Resp: 472211

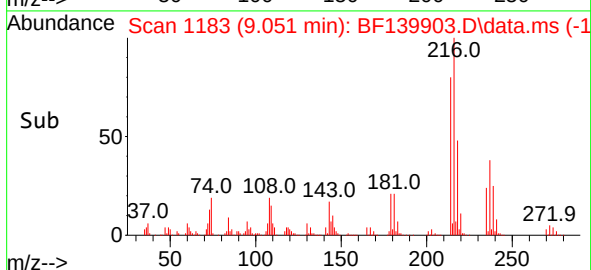
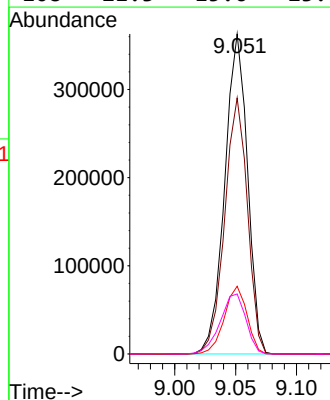
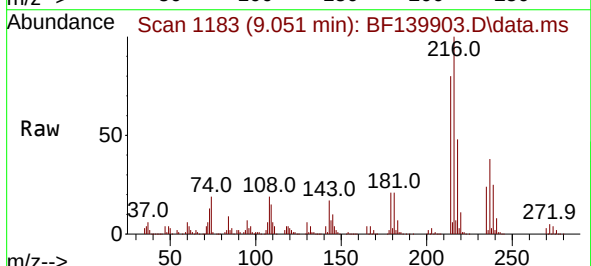
Ion Ratio Lower Upper

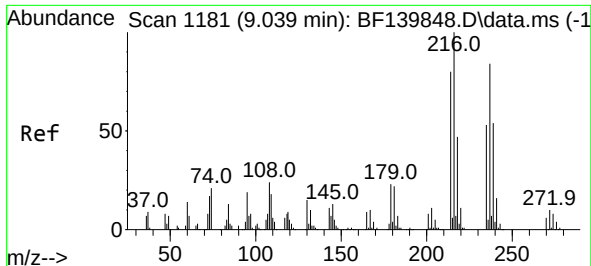
216 100

214 79.7 63.4 95.0

179 21.2 17.2 25.8

108 21.3 15.6 23.4





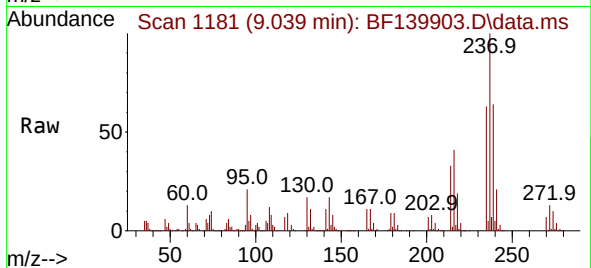
#41
Hexachlorocyclopentadiene
Concen: 157.746 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

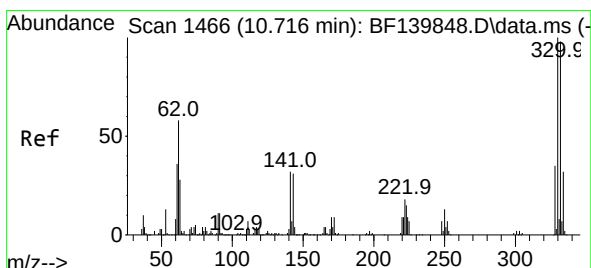
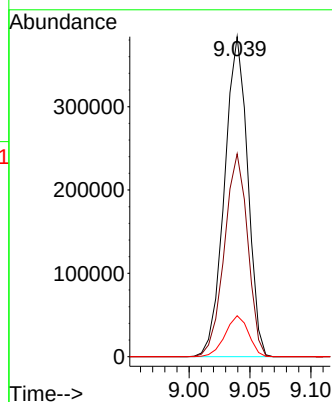
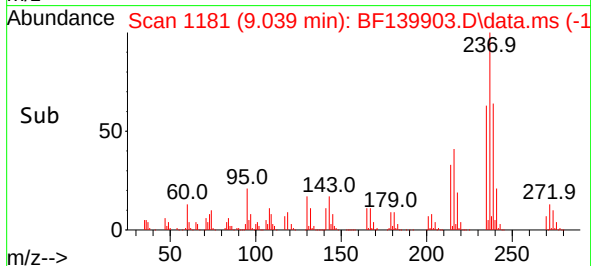


Tgt Ion:237 Resp: 50929
Ion Ratio Lower Upper
237 100
235 63.4 42.9 82.9
272 12.8 0.0 32.3

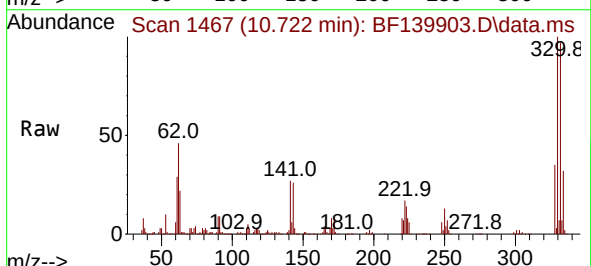
Manual Integrations

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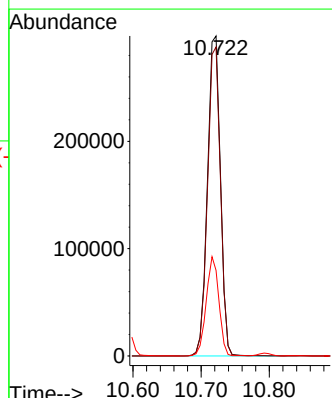
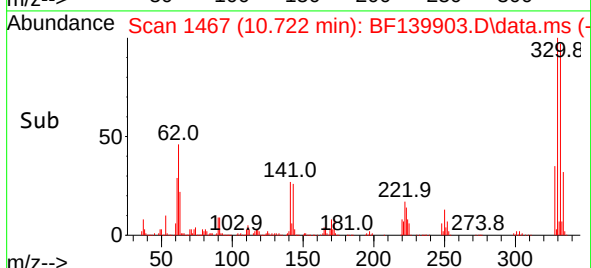
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

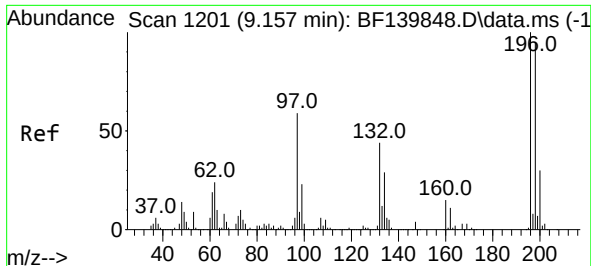


#42
2,4,6-Tribromophenol
Concen: 122.826 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



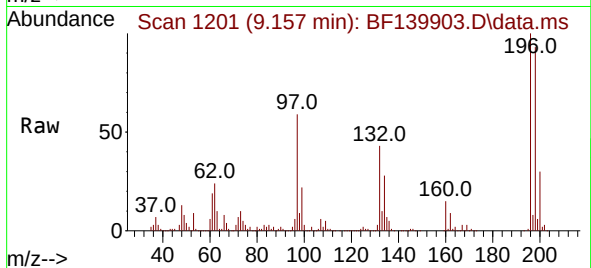
Tgt Ion:330 Resp: 395137
Ion Ratio Lower Upper
330 100
332 96.2 78.1 117.1
141 30.2 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 55.712 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

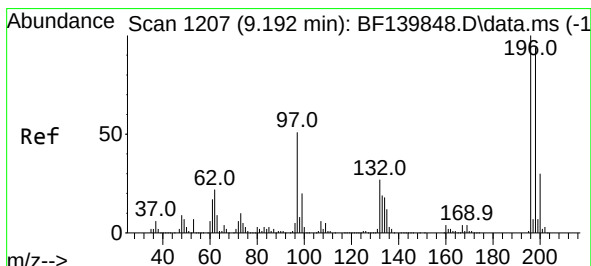
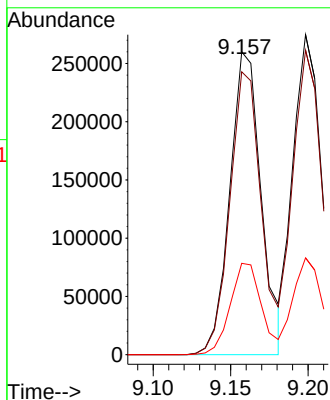
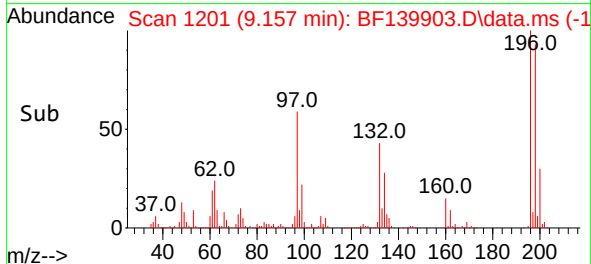
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



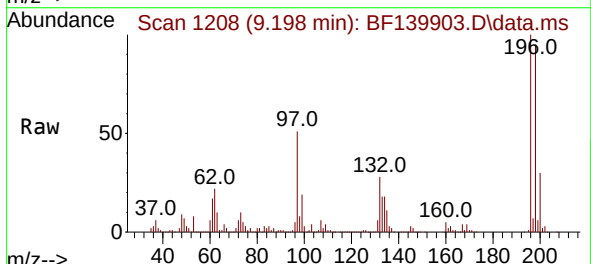
Tgt Ion:196 Resp: 365980
Ion Ratio Lower Upper
196 100
198 93.4 76.2 114.2
200 30.1 24.0 36.0

Manual Integrations
APPROVED

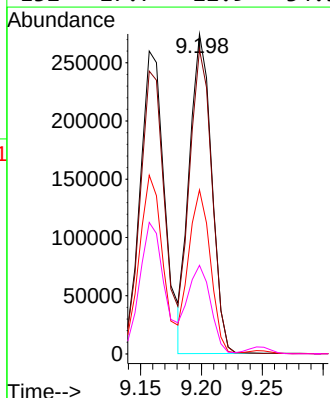
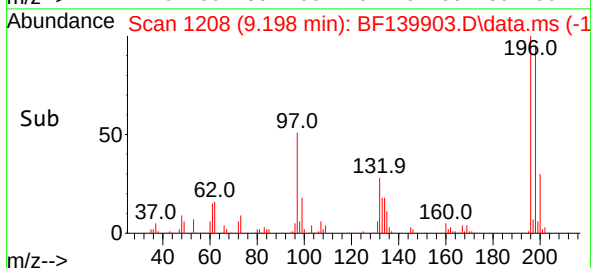
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

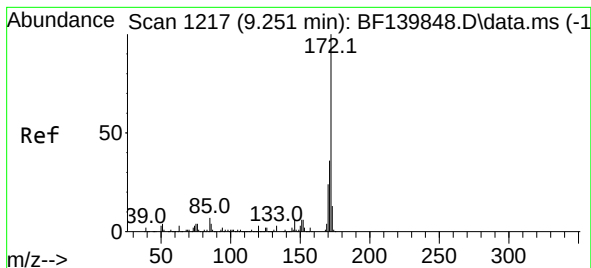


#44
2,4,5-Trichlorophenol
Concen: 51.433 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:196 Resp: 348599
Ion Ratio Lower Upper
196 100
198 95.1 75.8 113.6
97 51.2 41.8 62.6
132 27.7 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 83.046 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tgt Ion:172 Resp: 172822

Ion Ratio Lower Upper

172 100

171 36.2 28.6 43.0

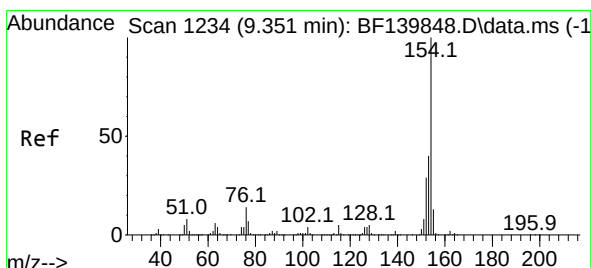
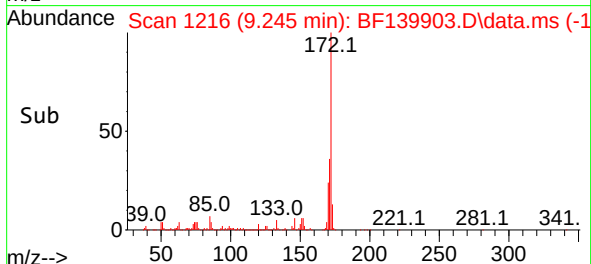
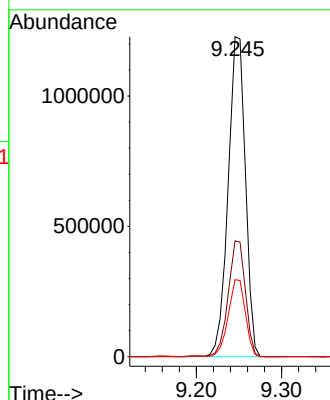
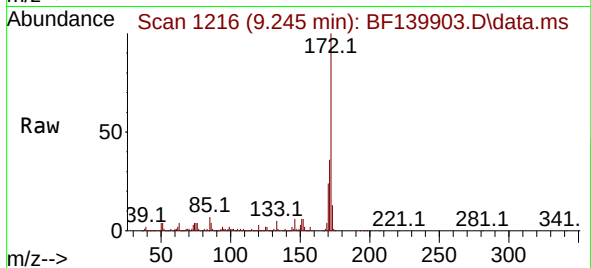
170 24.1 19.1 28.7

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#46

1,1'-Biphenyl

Concen: 50.443 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

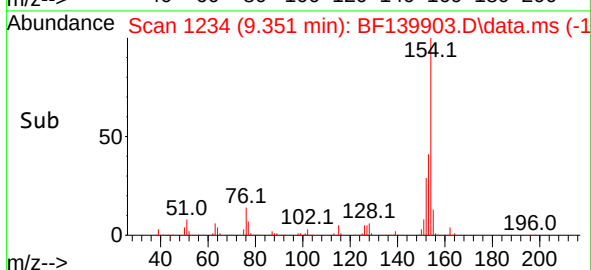
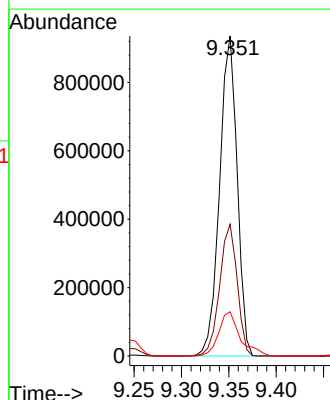
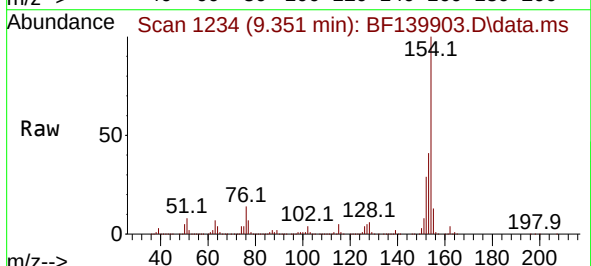
Tgt Ion:154 Resp: 1207748

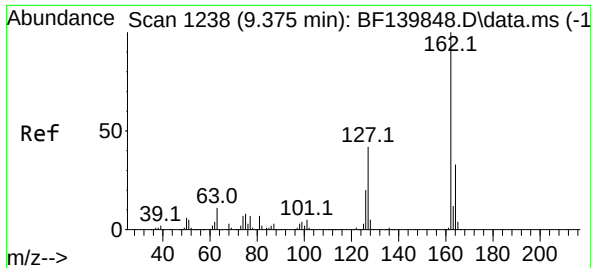
Ion Ratio Lower Upper

154 100

153 41.2 20.3 60.3

76 13.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 50.662 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tgt Ion:162 Resp: 97695

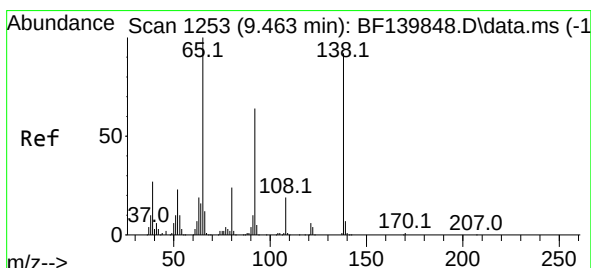
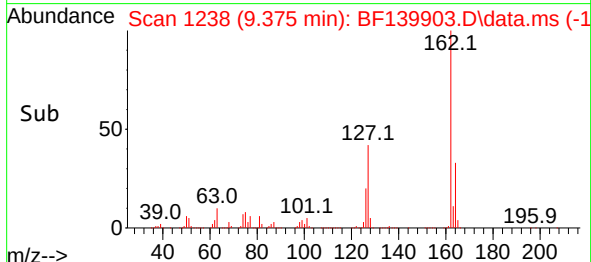
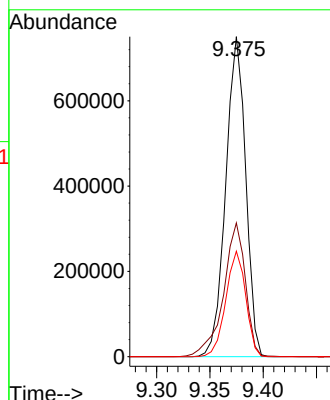
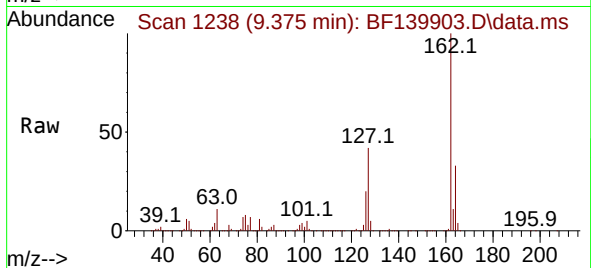
Ion	Ratio	Lower	Upper
162	100		
127	41.8	33.8	50.6
164	33.0	26.6	39.8

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#48

2-Nitroaniline

Concen: 56.945 ng

RT: 9.469 min Scan# 1254

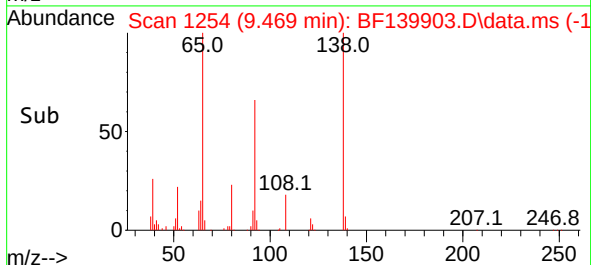
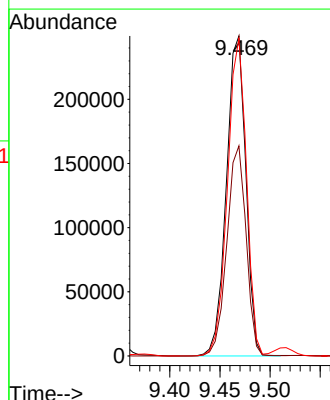
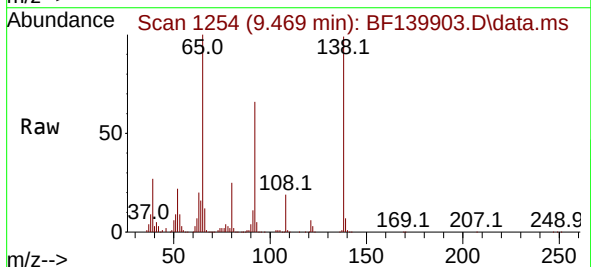
Delta R.T. 0.006 min

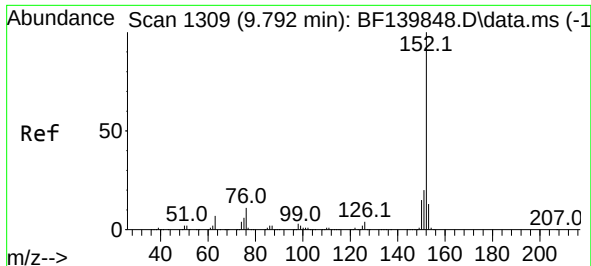
Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Tgt Ion: 65 Resp: 335852

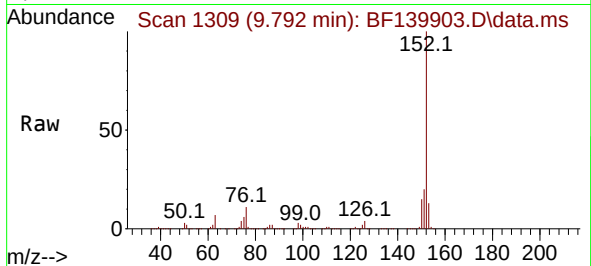
Ion	Ratio	Lower	Upper
65	100		
92	65.7	50.9	76.3
138	99.3	73.4	110.0





#49
Acenaphthylene
Concen: 53.998 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

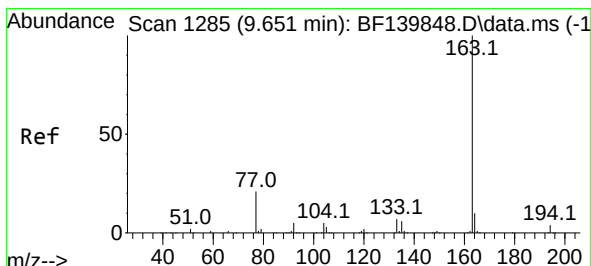
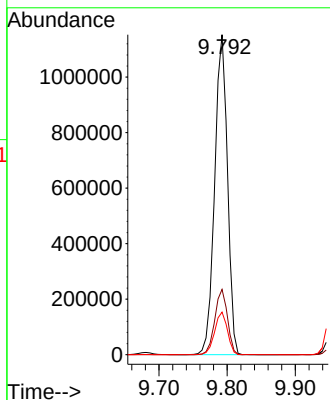
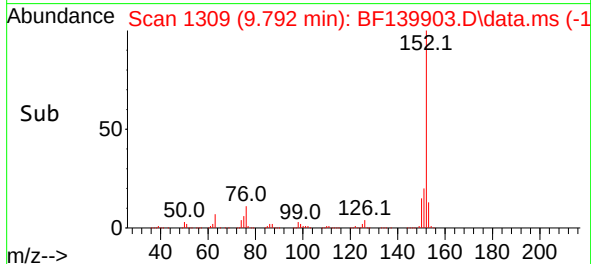
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



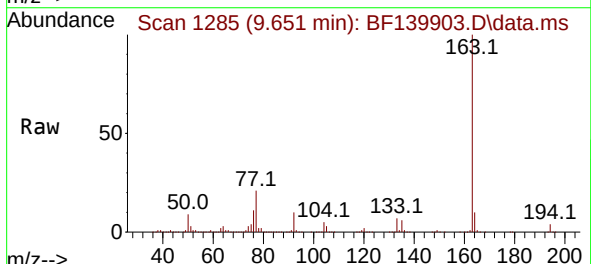
Tgt Ion:152 Resp: 1505400
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.3 10.7 16.1

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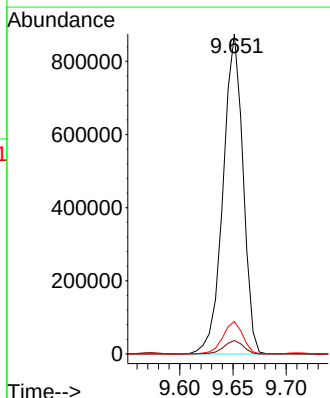
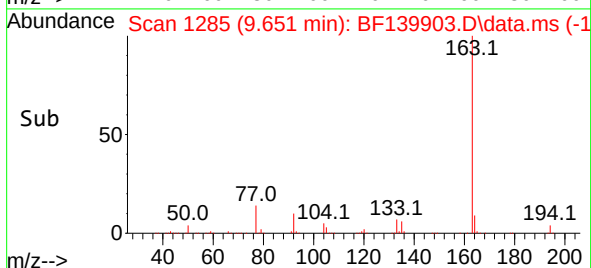
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

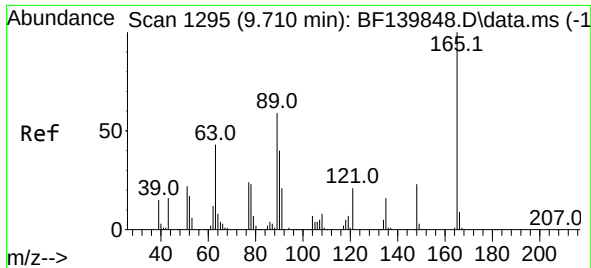


#50
Dimethylphthalate
Concen: 53.134 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:163 Resp: 1138290
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 10.1 8.2 12.2





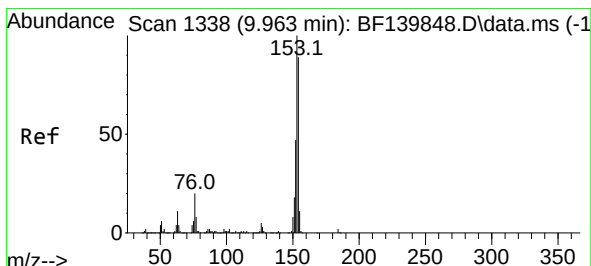
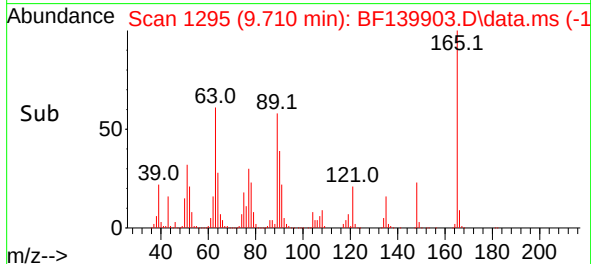
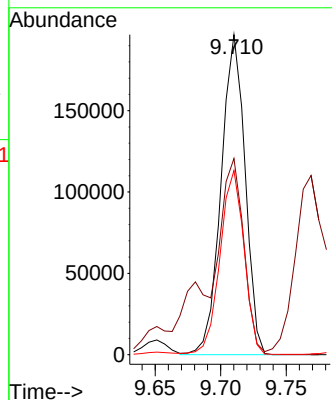
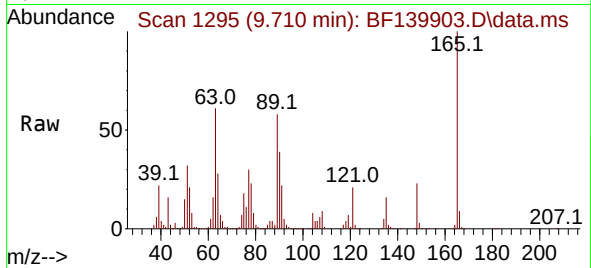
#51
2,6-Dinitrotoluene
Concen: 53.943 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tgt Ion:165 Resp: 25021
Ion Ratio Lower Upper
165 100
63 61.3 50.6 75.8
89 57.6 47.5 71.3

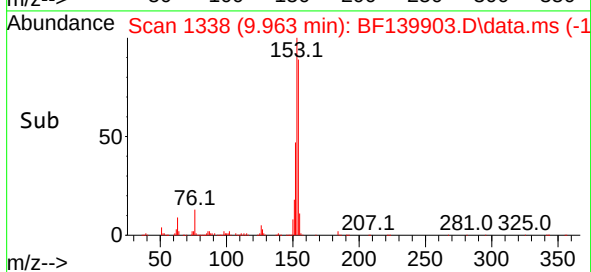
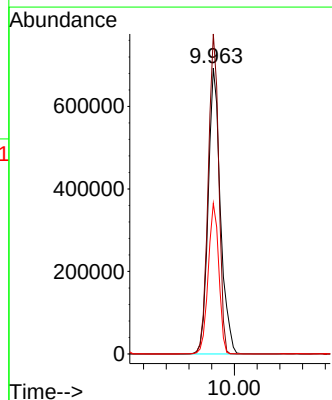
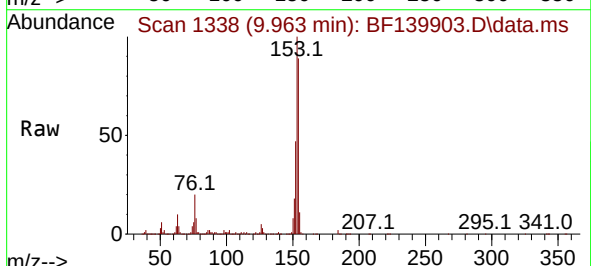
Manual Integrations
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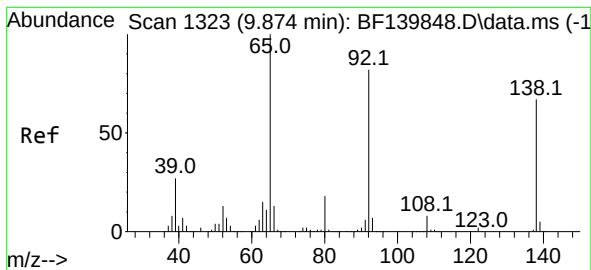
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#52
Acenaphthene
Concen: 57.193 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:154 Resp: 1031445
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 52.7 42.4 63.6





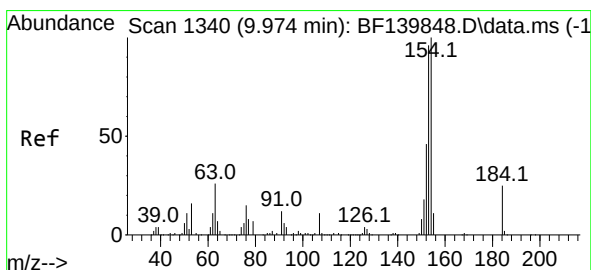
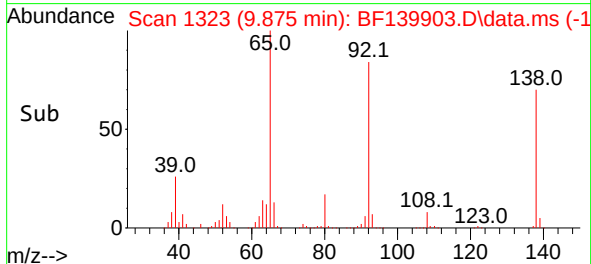
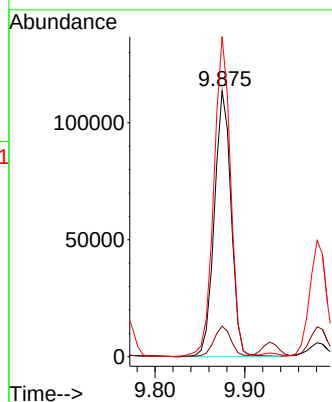
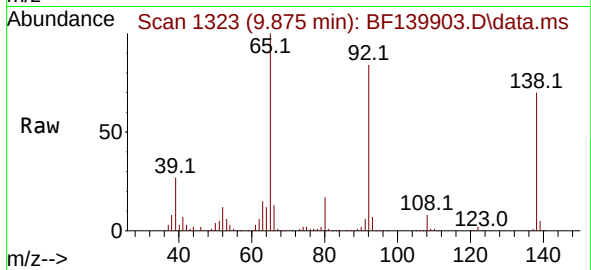
#53
3-Nitroaniline
Concen: 30.770 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tgt Ion:138 Resp: 147184
Ion Ratio Lower Upper
138 100
108 11.5 10.2 15.2
92 120.4 98.3 147.5

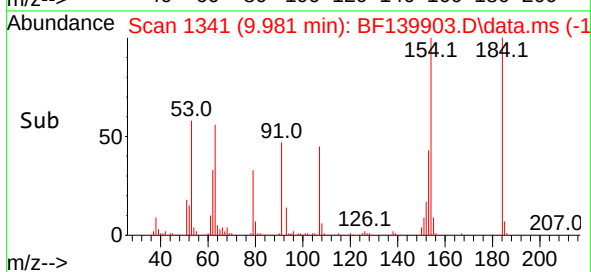
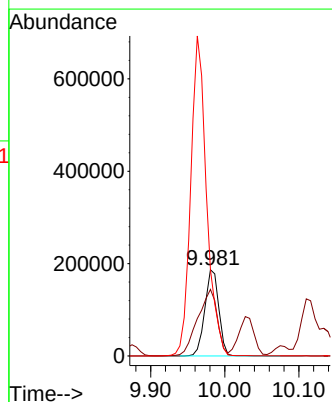
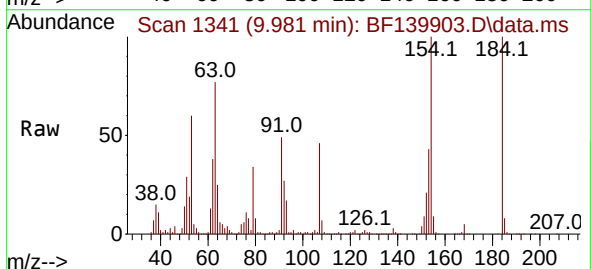
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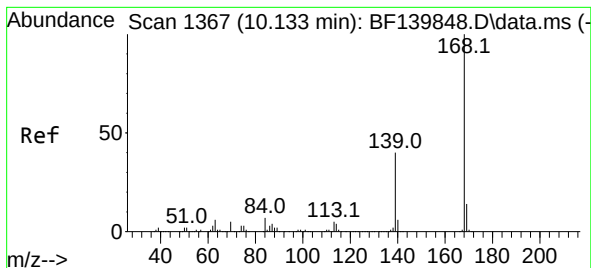
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#54
2,4-Dinitrophenol
Concen: 123.246 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.007 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

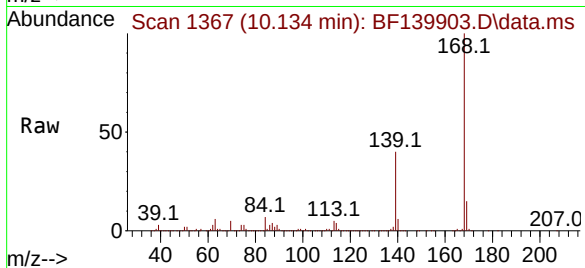
Tgt Ion:184 Resp: 244925
Ion Ratio Lower Upper
184 100
63 77.3 84.7 127.1#
154 100.1 338.2 507.2#





#55
Dibenzenofuran
Concen: 51.040 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

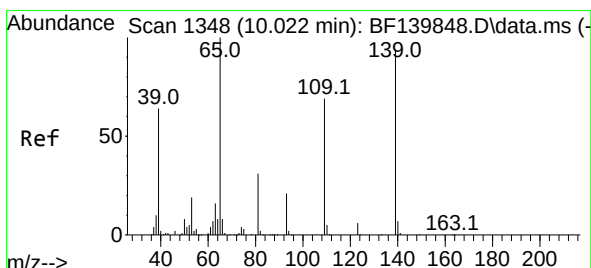
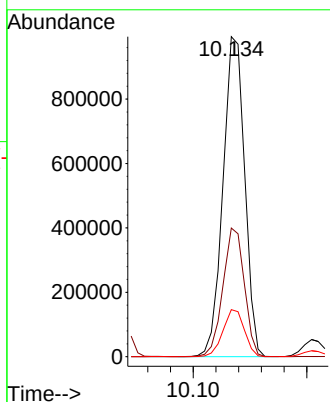
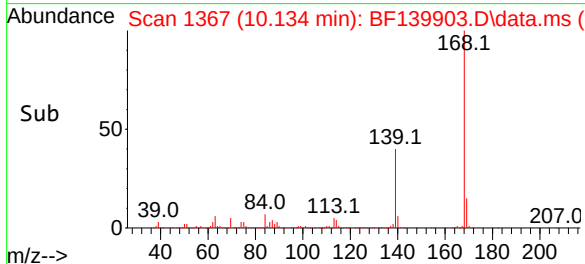
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion:168 Resp: 1320680
Ion Ratio Lower Upper
168 100
139 40.2 31.8 47.6
169 14.7 11.6 17.4

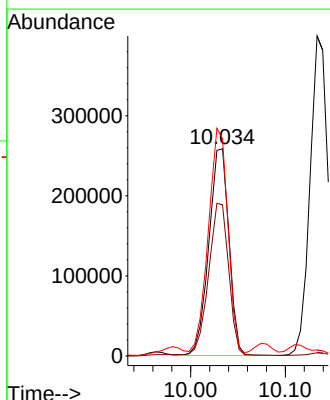
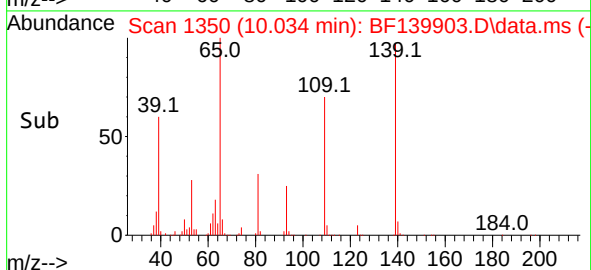
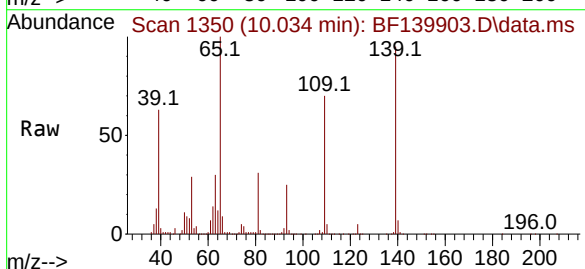
Manual Integrations
APPROVED

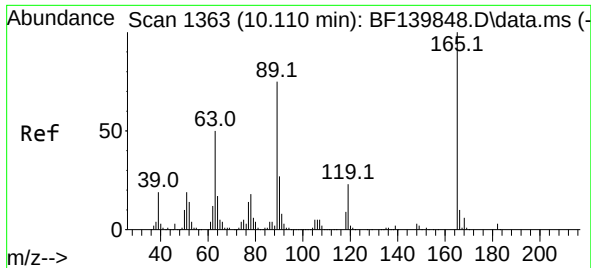
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#56
4-Nitrophenol
Concen: 103.707 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

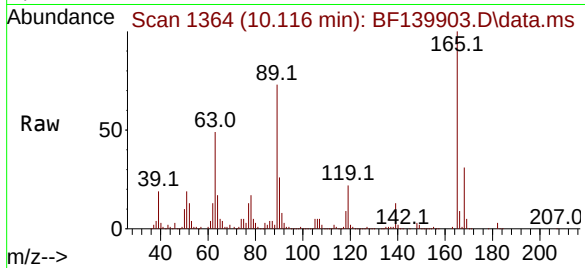
Tgt Ion:139 Resp: 381655
Ion Ratio Lower Upper
139 100
109 72.9 53.6 93.6
65 104.9 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 57.242 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

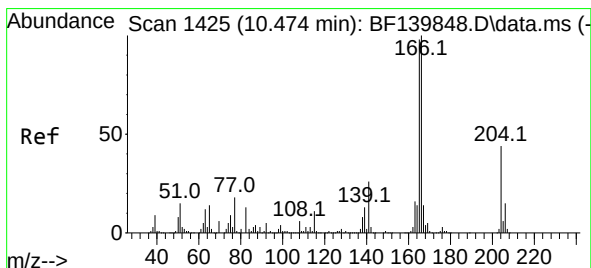
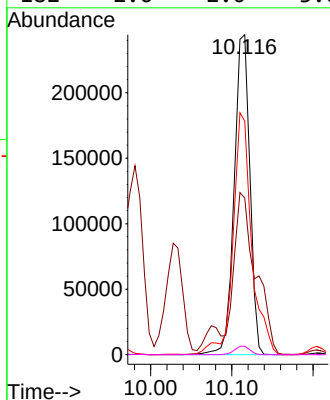
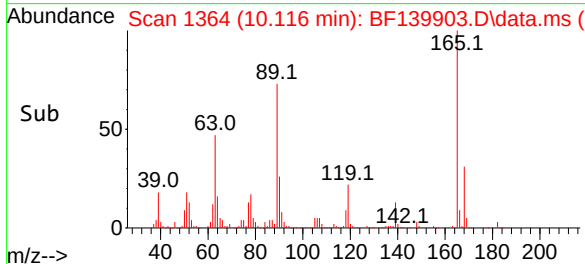
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



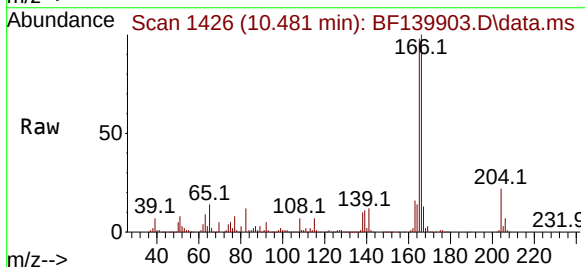
Tgt Ion:165 Resp: 32651
Ion Ratio Lower Upper
165 100
63 49.0 40.1 60.1
89 73.0 60.4 90.6
182 2.6 2.0 3.0

Manual Integrations
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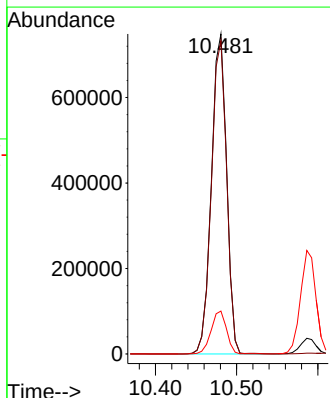
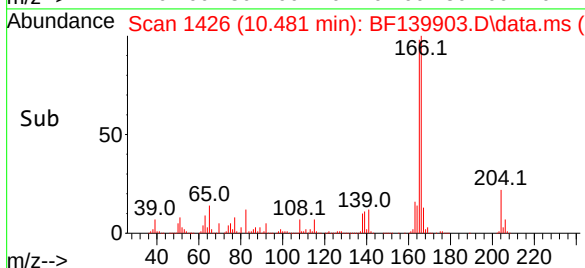
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

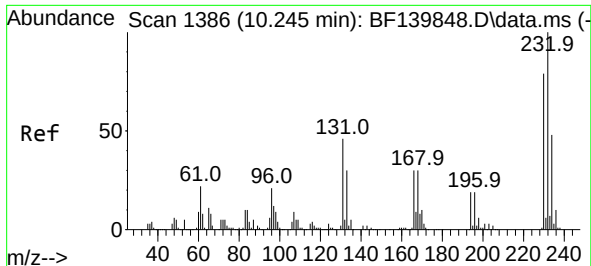


#58
Fluorene
Concen: 49.443 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



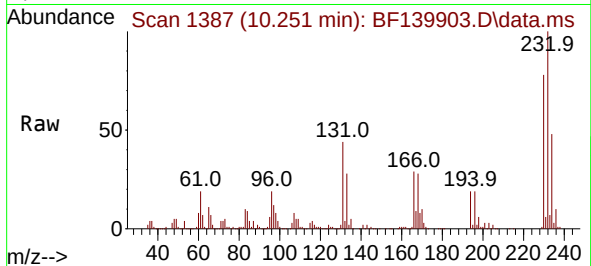
Tgt Ion:166 Resp: 974437
Ion Ratio Lower Upper
166 100
165 97.9 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.457 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

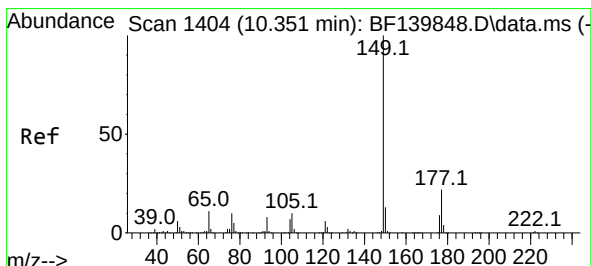
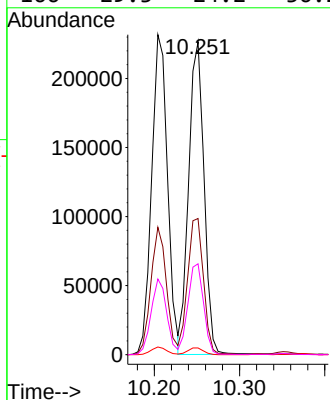
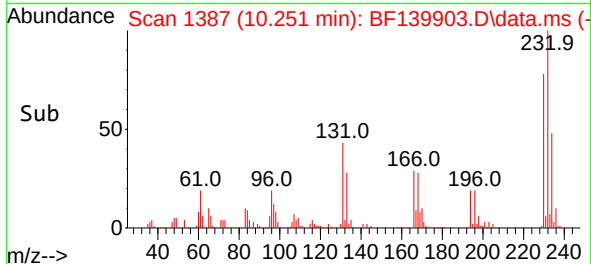
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion:232 Resp: 284031
Ion Ratio Lower Upper
232 100
131 45.0 37.0 55.6
130 2.2 1.9 2.9
166 29.3 24.2 36.2

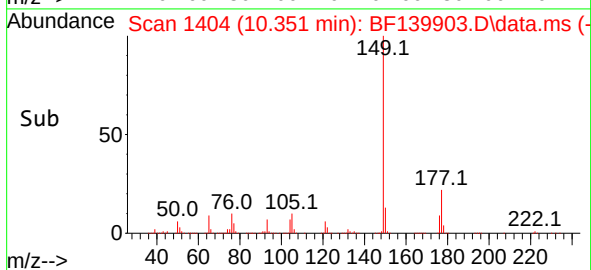
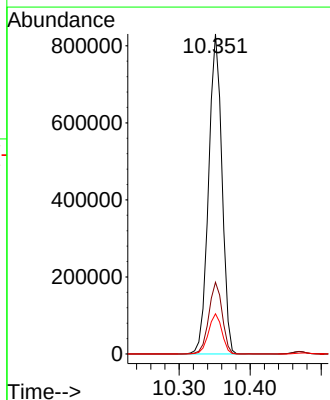
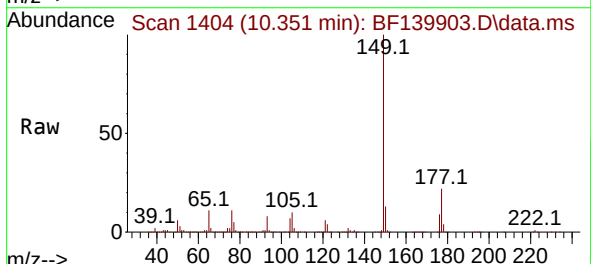
Manual Integrations
APPROVED

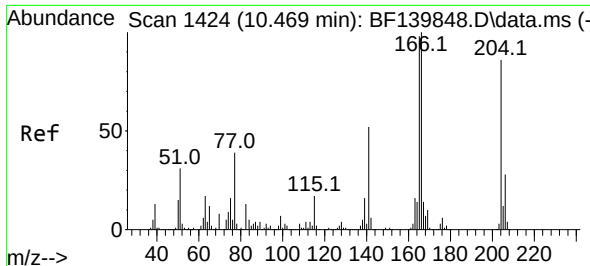
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#60
Diethylphthalate
Concen: 51.614 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

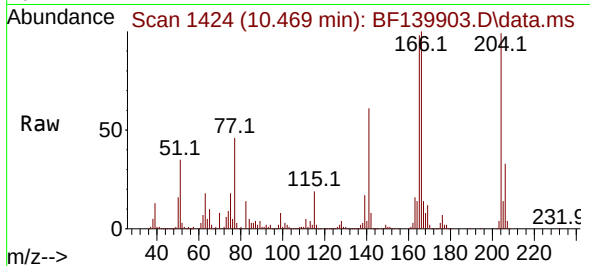
Tgt Ion:149 Resp: 1085654
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 49.077 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

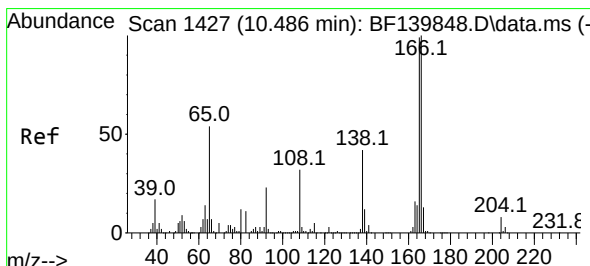
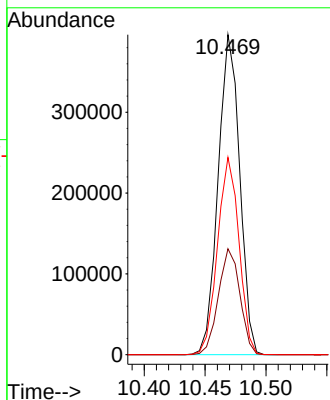
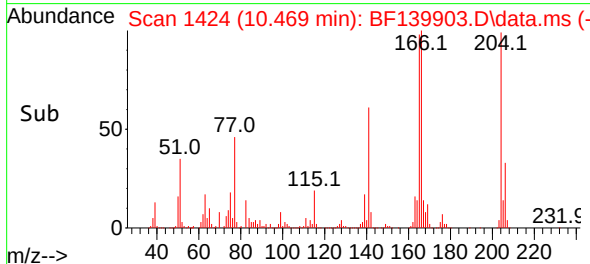
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



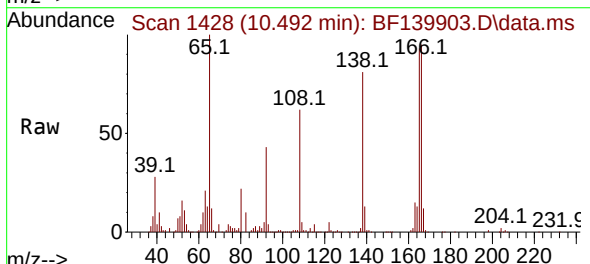
Tgt Ion:204 Resp: 48845
Ion Ratio Lower Upper
204 100
206 33.1 26.3 39.5
141 61.6 48.6 73.0

Manual Integrations
APPROVED

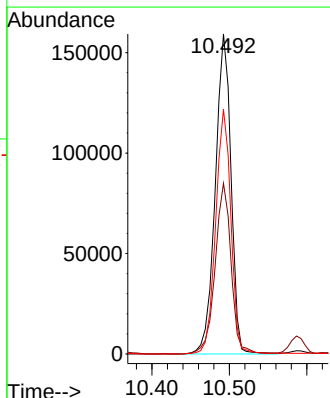
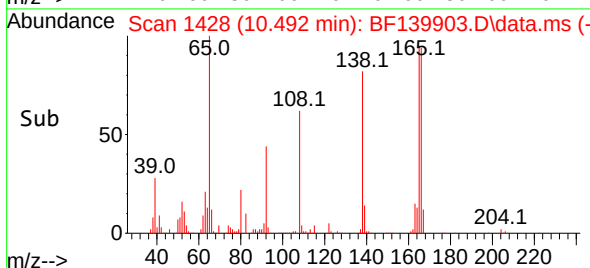
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

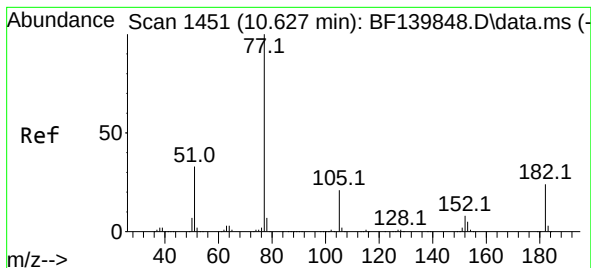


#62
4-Nitroaniline
Concen: 49.657 ng
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:138 Resp: 224336
Ion Ratio Lower Upper
138 100
92 53.3 35.7 75.7
108 76.5 57.5 97.5





#63
Azobenzene
Concen: 60.458 ng
RT: 10.634 min Scan# 1451
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

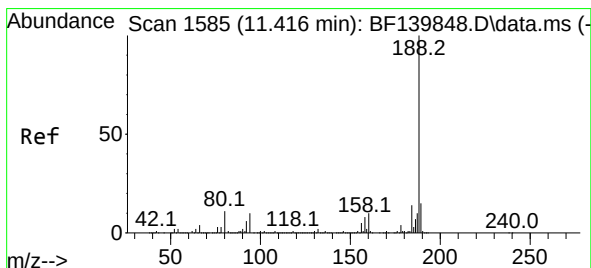
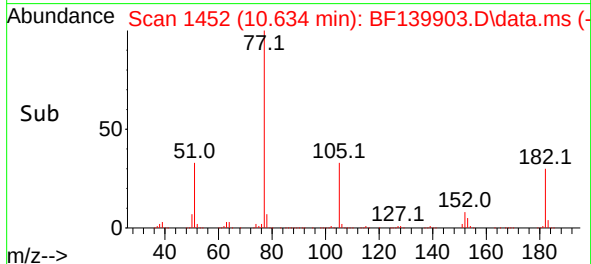
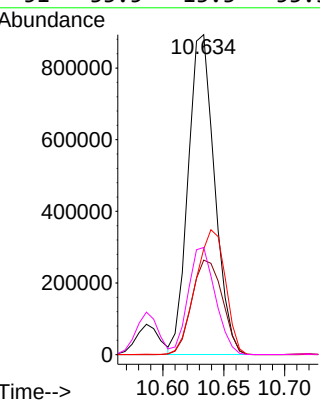
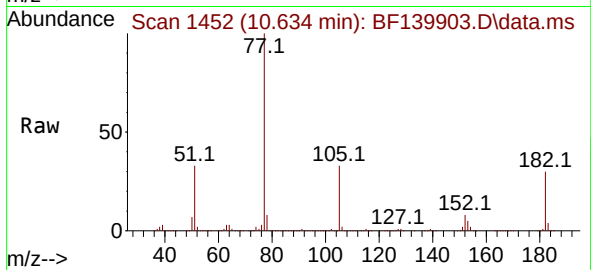
SP-3MSD

Tgt Ion: 77 Resp: 1348180
Ion Ratio Lower Upper
77 100
182 29.5 3.3 43.3
105 33.0 1.2 41.2
51 33.5 13.3 53.3

Manual Integrations

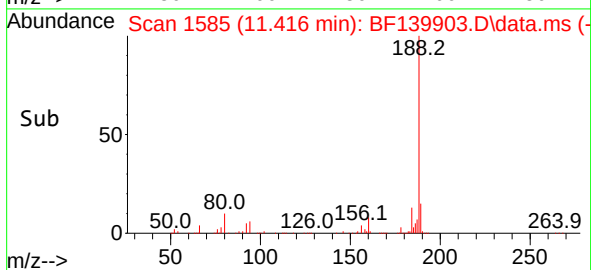
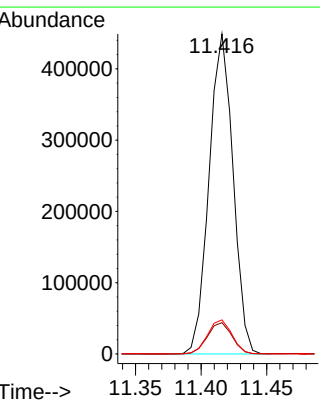
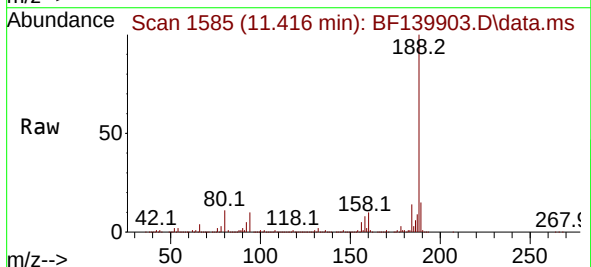
APPROVED

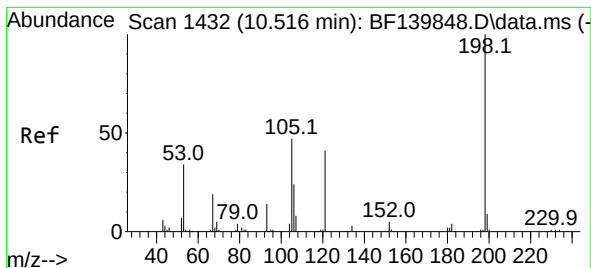
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:188 Resp: 570576
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 10.7 9.0 13.4





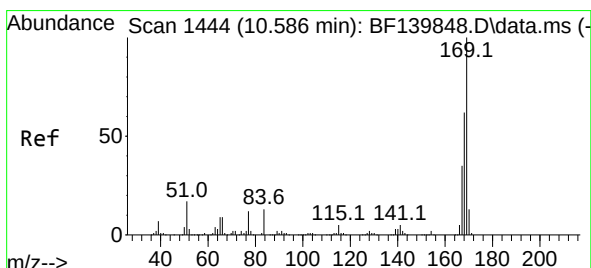
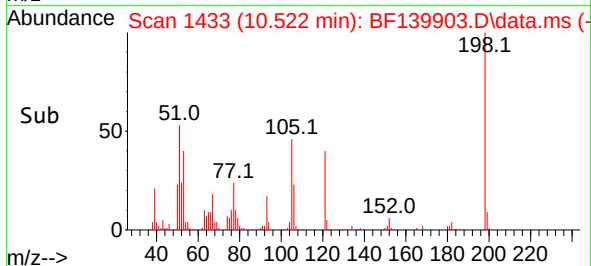
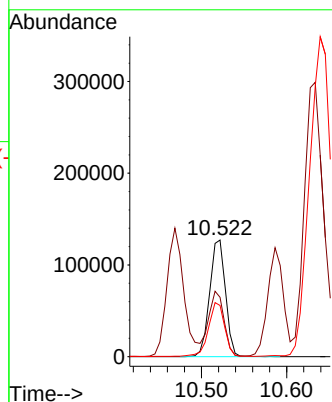
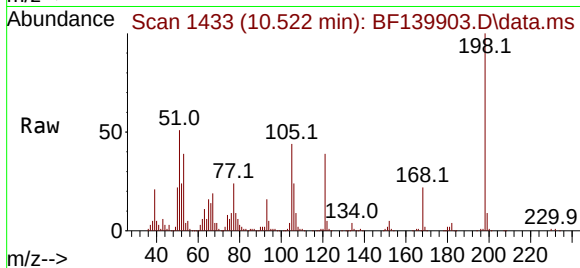
#65
4,6-Dinitro-2-methylphenol
Concen: 70.510 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :
BNA_F
ClientSampleId :
SP-3MSD

Tgt Ion:198 Resp: 164102
Ion Ratio Lower Upper
198 100
51 50.9 38.2 78.2
105 43.9 27.9 67.9

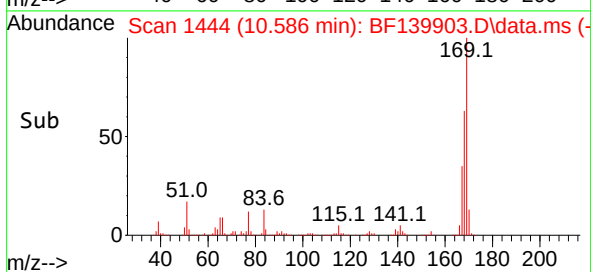
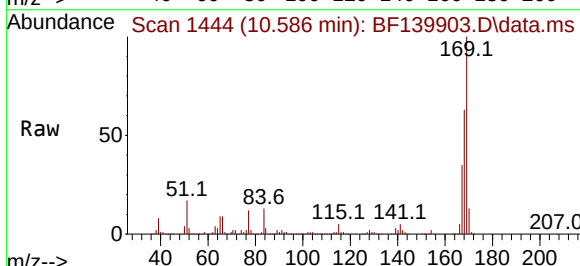
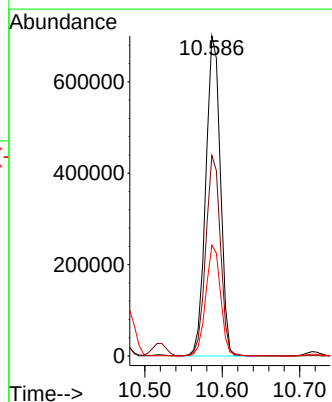
Manual Integrations
APPROVED

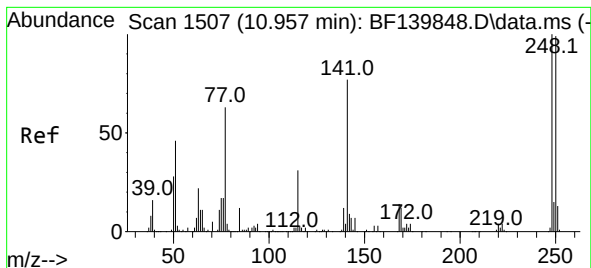
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#66
n-Nitrosodiphenylamine
Concen: 53.545 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

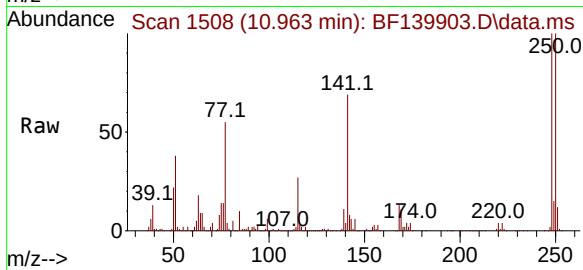
Tgt Ion:169 Resp: 914399
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.6 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 53.448 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

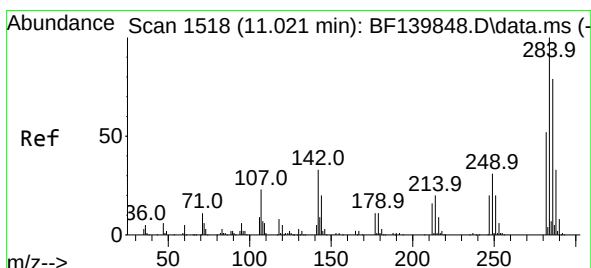
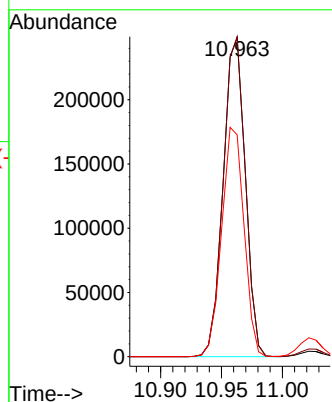
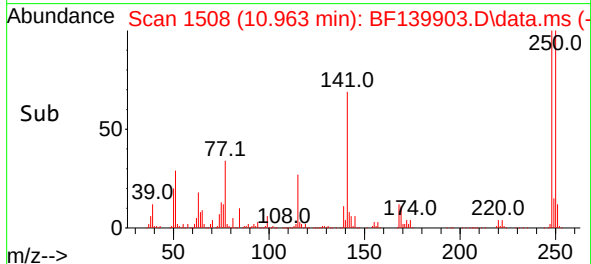
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



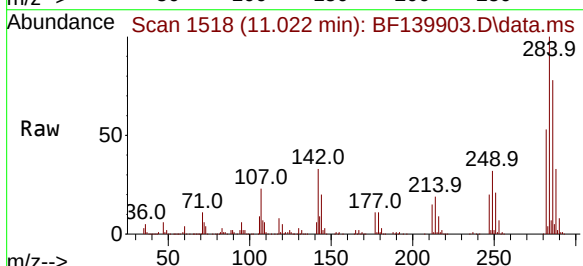
Tgt Ion:248 Resp: 31416
Ion Ratio Lower Upper
248 100
250 100.3 79.0 118.6
141 69.6 61.7 92.5

Manual Integrations
APPROVED

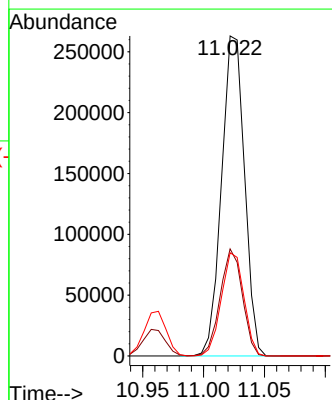
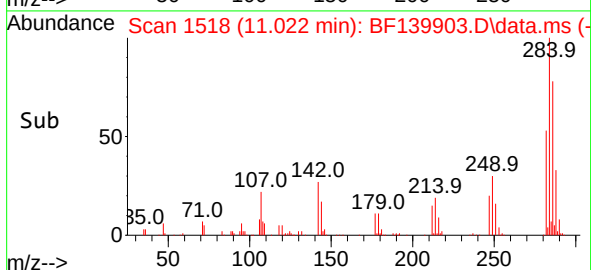
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

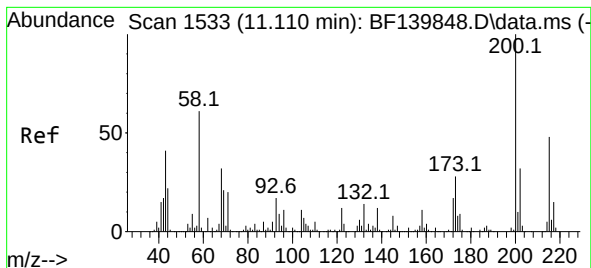


#68
Hexachlorobenzene
Concen: 52.307 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:284 Resp: 345791
Ion Ratio Lower Upper
284 100
142 33.5 26.9 40.3
249 32.3 25.3 37.9





#69

Atrazine

Concen: 61.917 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tgt Ion:200 Resp: 286420

Ion Ratio Lower Upper

200 100

173 26.7 7.7 47.7

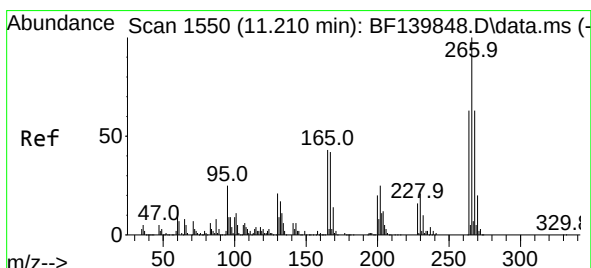
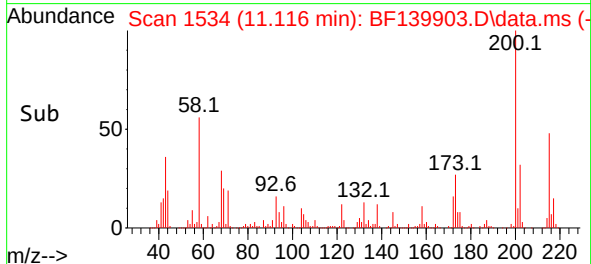
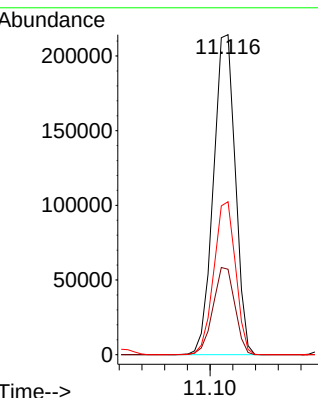
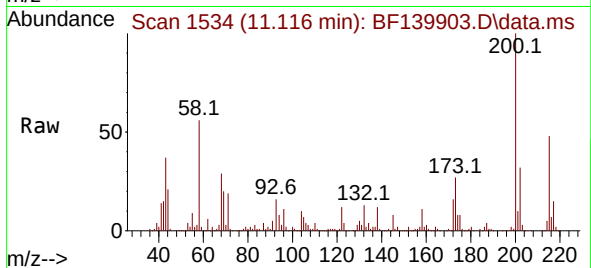
215 47.8 27.7 67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#70

Pentachlorophenol

Concen: 98.740 ng

RT: 11.216 min Scan# 1551

Delta R.T. 0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

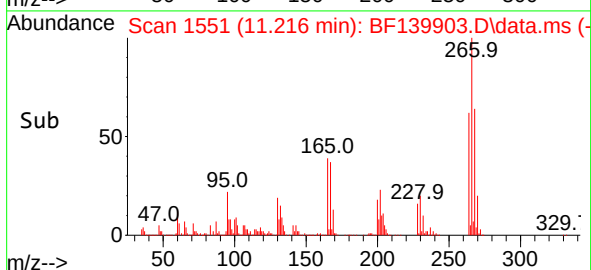
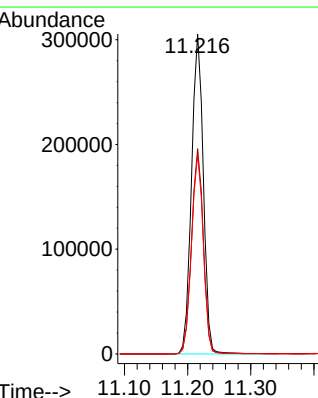
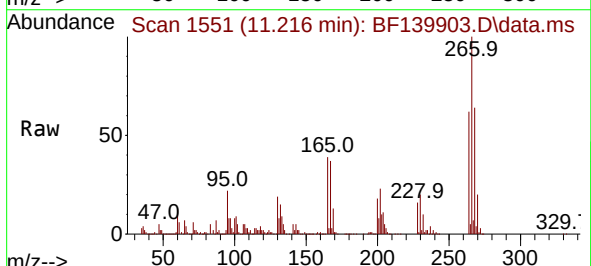
Tgt Ion:266 Resp: 396159

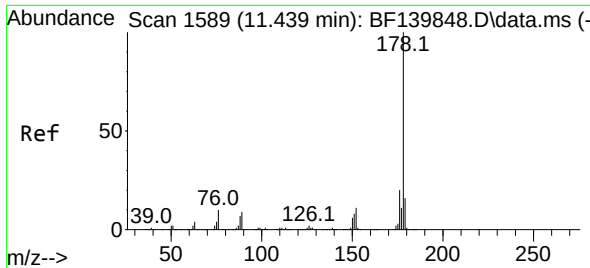
Ion Ratio Lower Upper

266 100

268 64.1 50.4 75.6

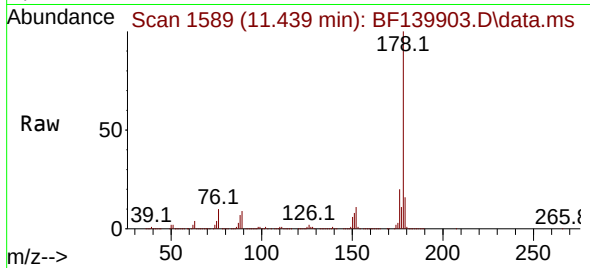
264 62.4 50.6 75.8





#71
Phenanthrene
Concen: 51.537 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

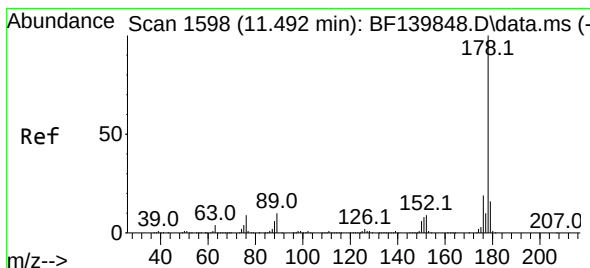
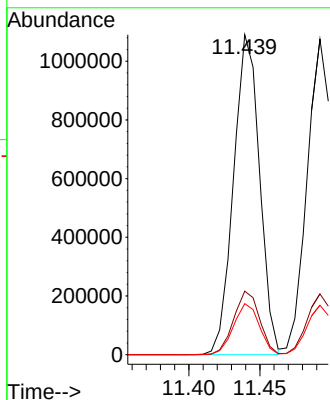
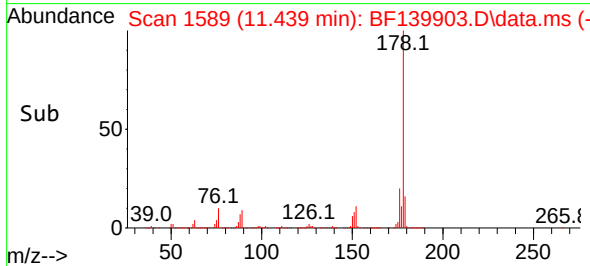
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



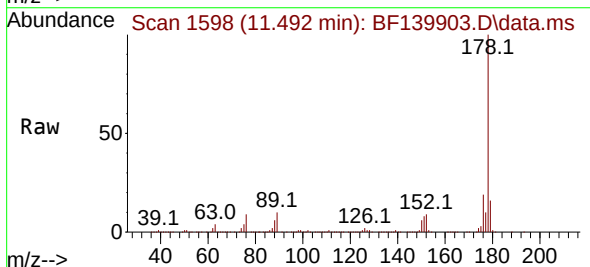
Tgt Ion:178 Resp: 1389000
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.9 12.6 18.8

Manual Integrations
APPROVED

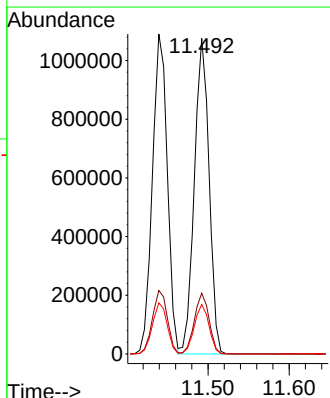
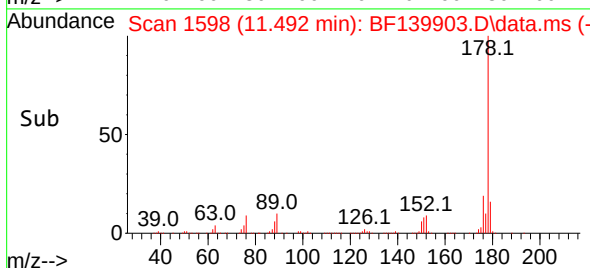
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

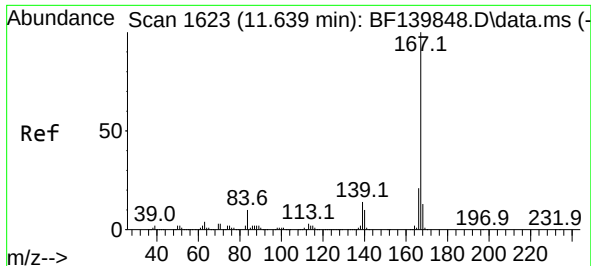


#72
Anthracene
Concen: 51.634 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



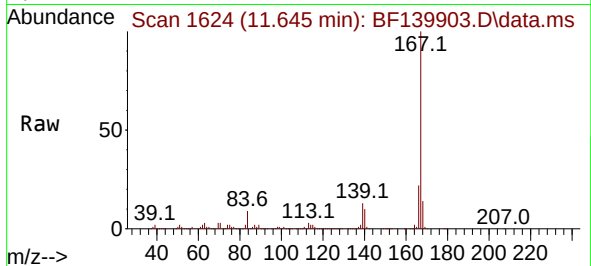
Tgt Ion:178 Resp: 1357792
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.7 12.4 18.6





#73
 Carbazole
 Concen: 48.028 ng
 RT: 11.645 min Scan# 1623
 Delta R.T. 0.006 min
 Lab File: BF139903.D
 Acq: 21 Oct 2024 15:15

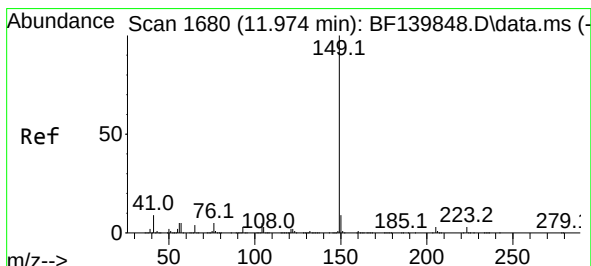
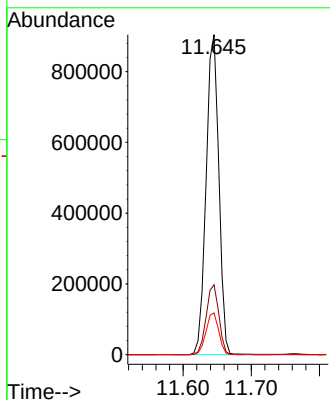
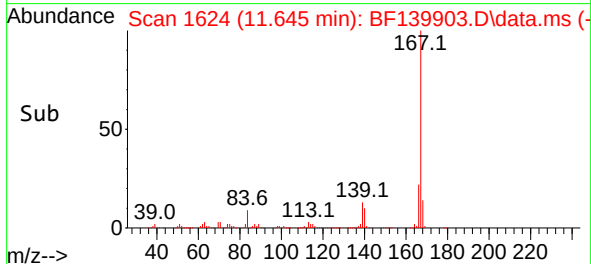
Instrument :
 BNA_F
 ClientSampleId :
 SP-3MSD



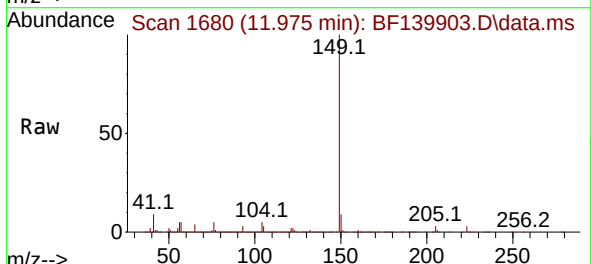
Tgt Ion:167 Resp: 1174574
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.6
 139 13.1 10.8 16.2

Manual Integrations
 APPROVED

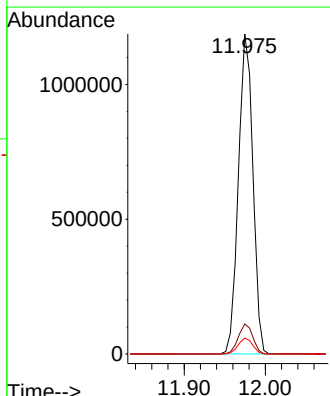
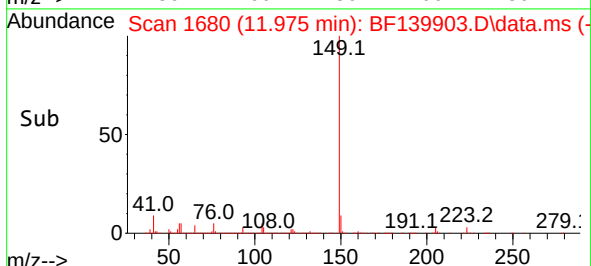
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

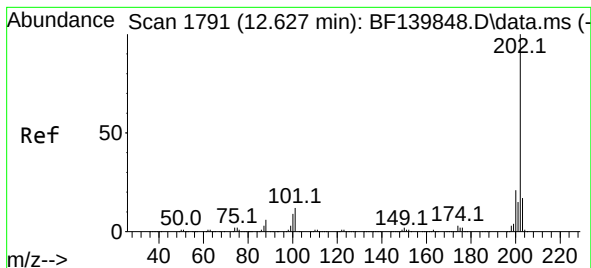


#74
 Di-n-butylphthalate
 Concen: 51.931 ng
 RT: 11.975 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139903.D
 Acq: 21 Oct 2024 15:15



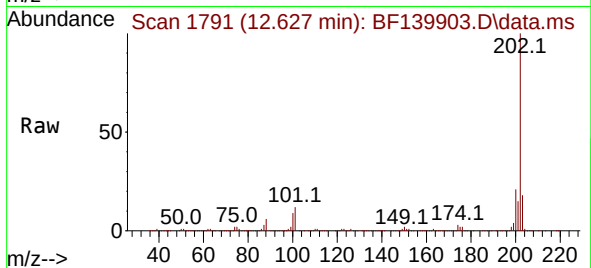
Tgt Ion:149 Resp: 1467314
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 46.912 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

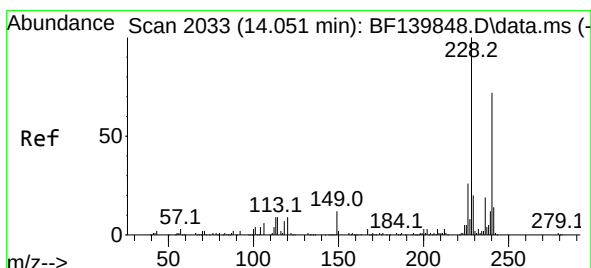
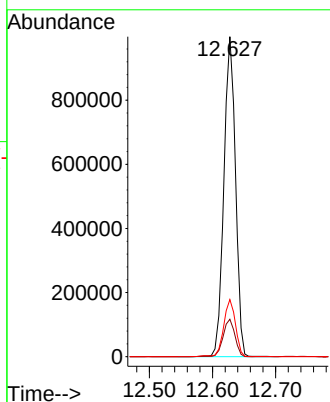
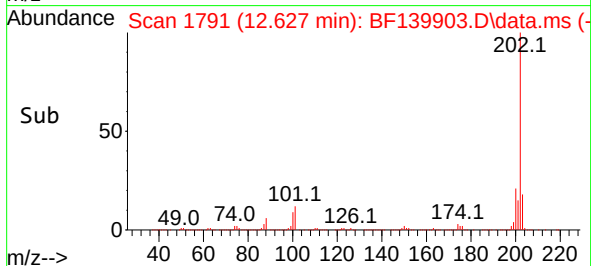
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



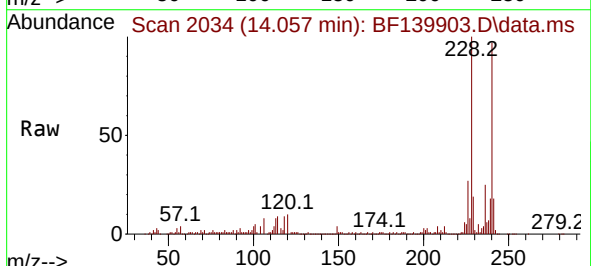
Tgt Ion:202 Resp: 1278160
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.9
203 17.9 0.0 37.5

Manual Integrations
APPROVED

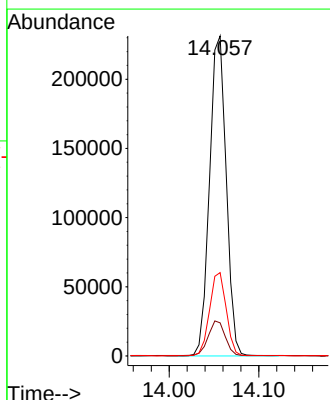
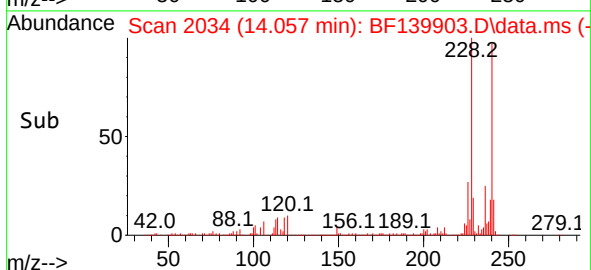
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

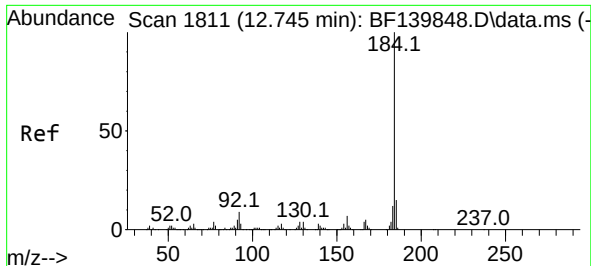


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15



Tgt Ion:240 Resp: 298930
Ion Ratio Lower Upper
240 100
120 10.3 9.4 14.2
236 26.0 20.9 31.3





#77
Benzidine
Concen: 28.330 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

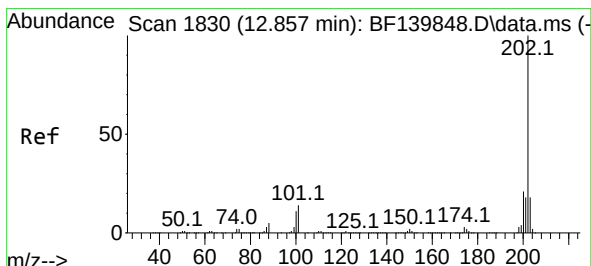
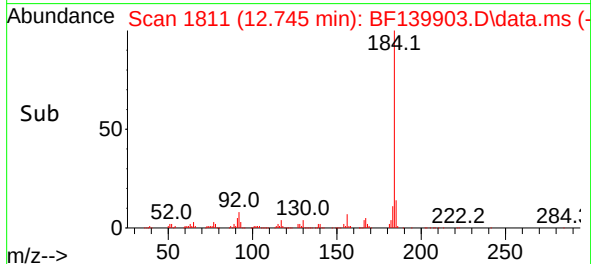
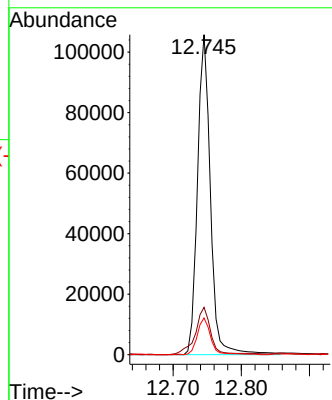
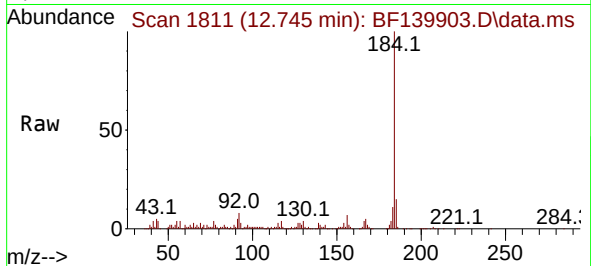
SP-3MSD

Tgt Ion:184 Resp: 139250
Ion Ratio Lower Upper
184 100
185 14.8 12.0 18.0
183 11.5 9.4 14.2

Manual Integrations

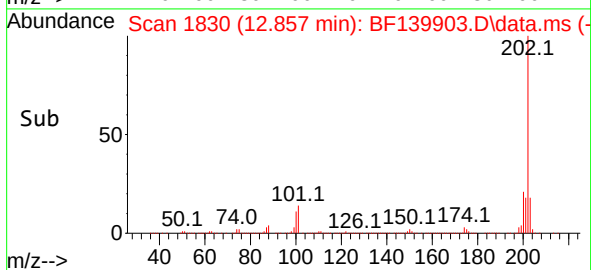
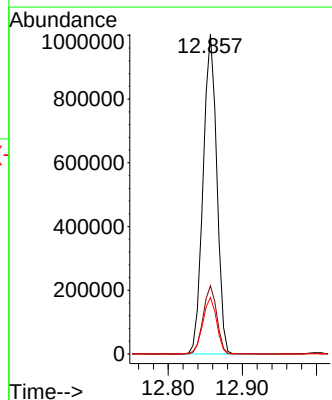
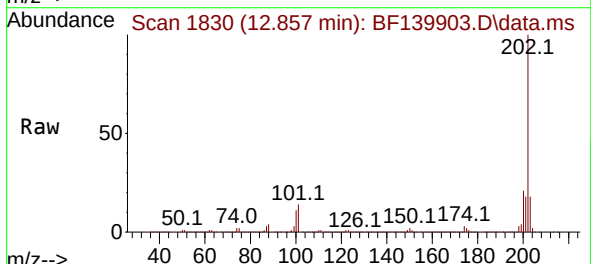
APPROVED

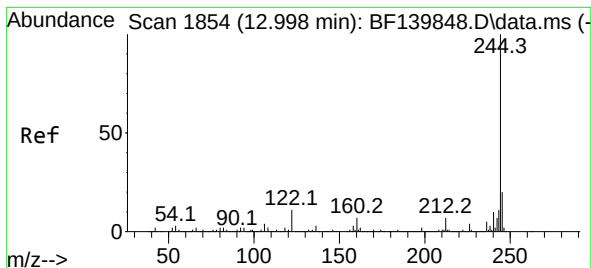
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#78
Pyrene
Concen: 49.078 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:202 Resp: 1284179
Ion Ratio Lower Upper
202 100
200 21.3 17.2 25.8
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 82.754 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139903.D

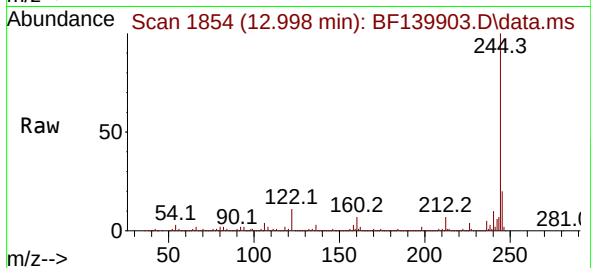
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD



Tgt Ion:244 Resp: 1518139

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

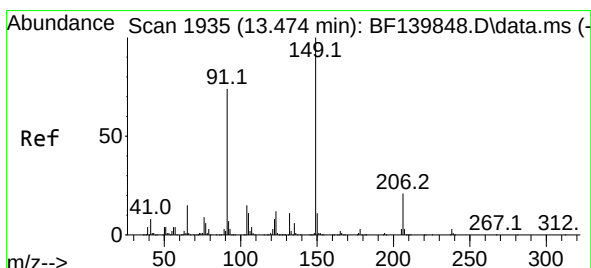
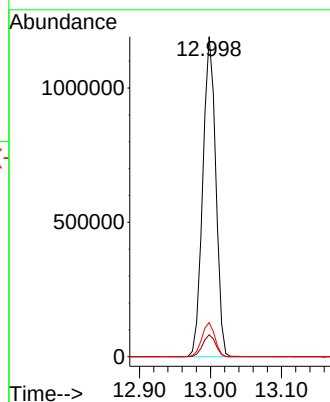
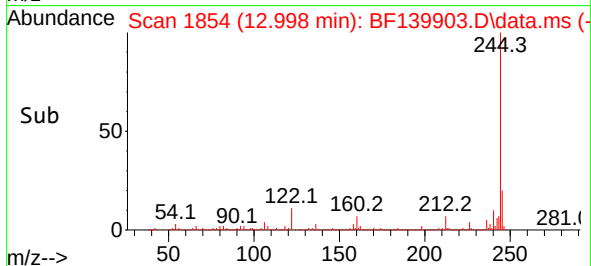
122 10.6 8.6 13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#80

Butylbenzylphthalate

Concen: 63.465 ng

RT: 13.475 min Scan# 1935

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

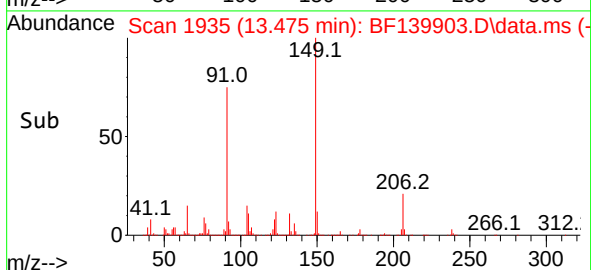
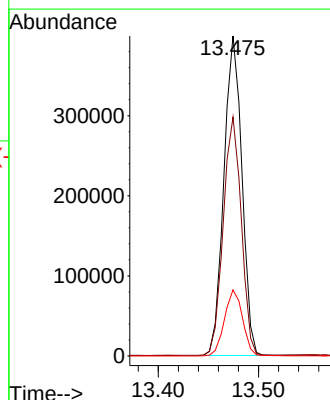
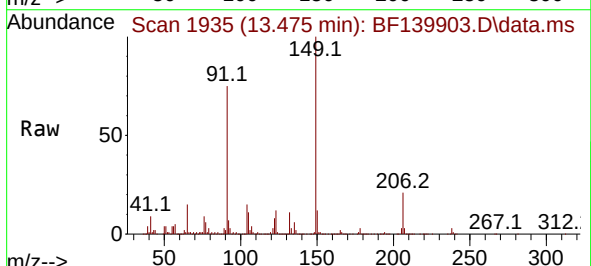
Tgt Ion:149 Resp: 497868

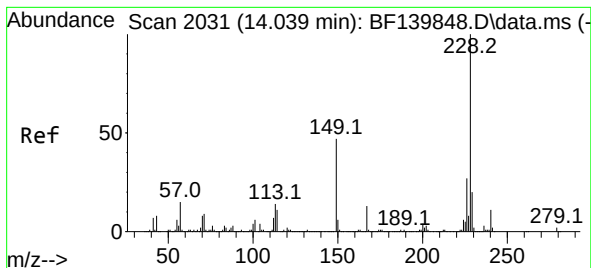
Ion Ratio Lower Upper

149 100

91 74.6 59.4 89.2

206 20.7 16.4 24.6





#81

Benzo(a)anthracene

Concen: 52.643 ng

RT: 14.045 min Scan# 2031

Delta R.T. 0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tgt Ion:228 Resp: 102439

Ion Ratio Lower Upper

228 100

226 26.9 21.6 32.4

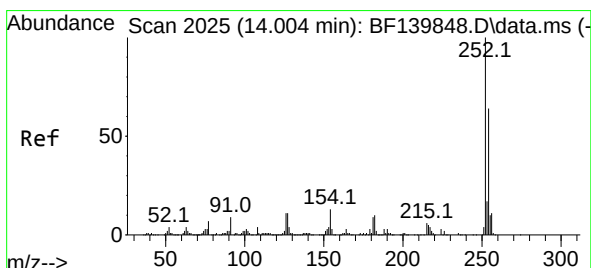
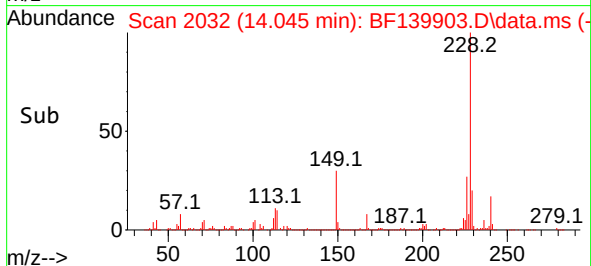
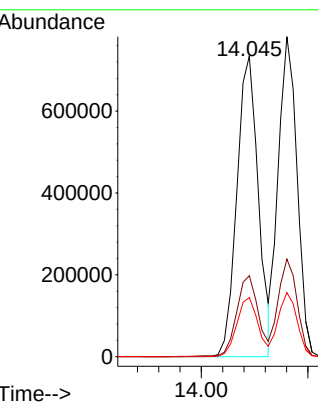
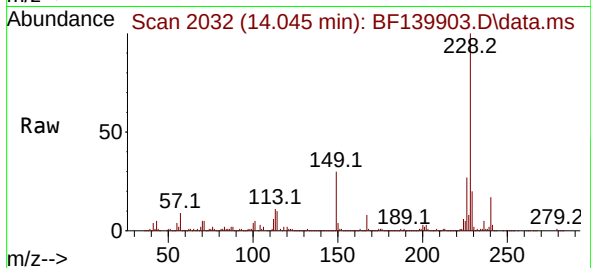
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 27.354 ng

RT: 14.004 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

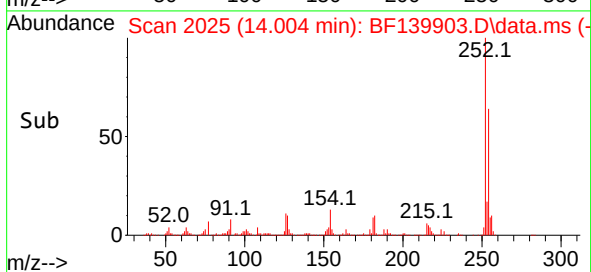
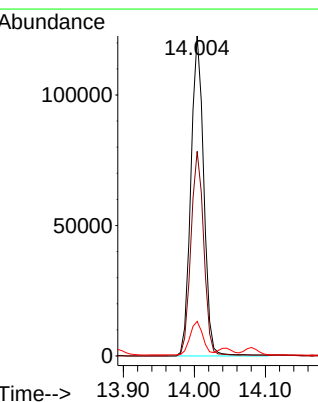
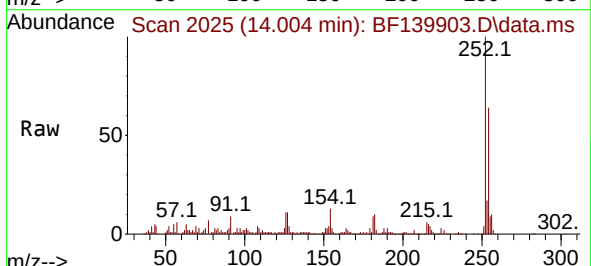
Tgt Ion:252 Resp: 155200

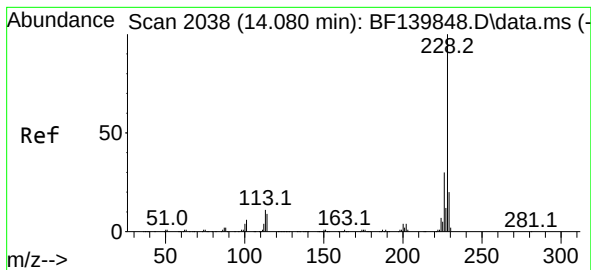
Ion Ratio Lower Upper

252 100

254 64.0 50.8 76.2

126 10.8 8.9 13.3





#83

Chrysene

Concen: 53.677 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

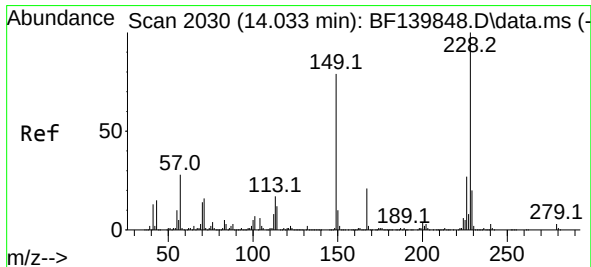
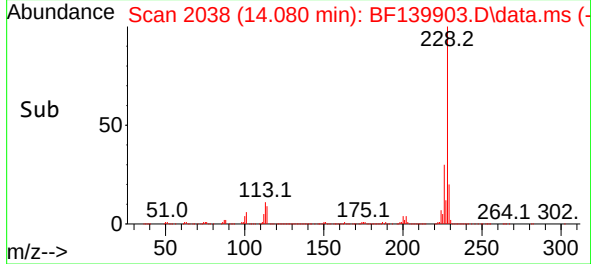
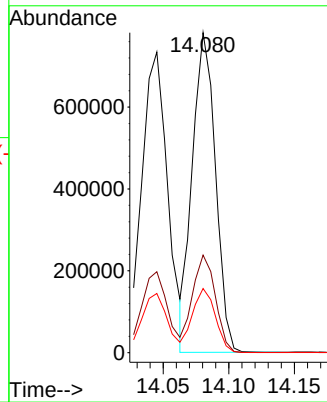
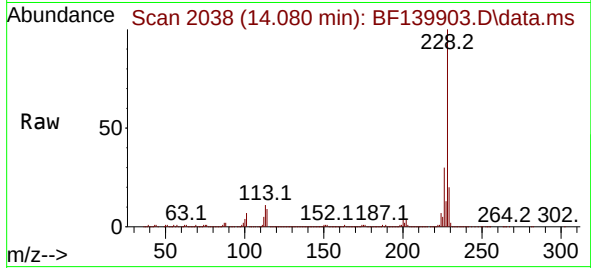
Tgt Ion:	228	Resp:	95769
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.1	36.1
229	20.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 69.622 ng

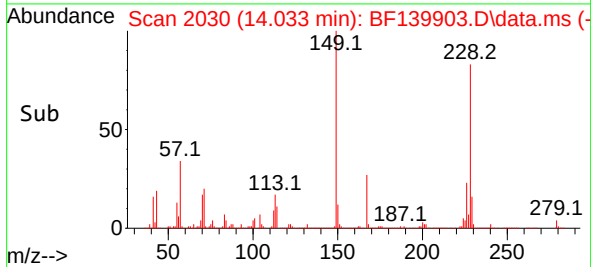
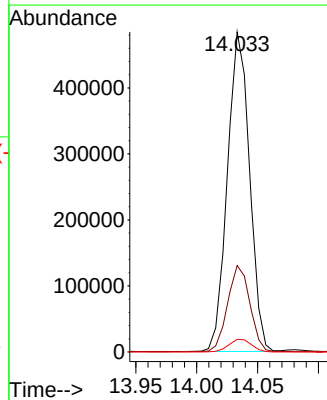
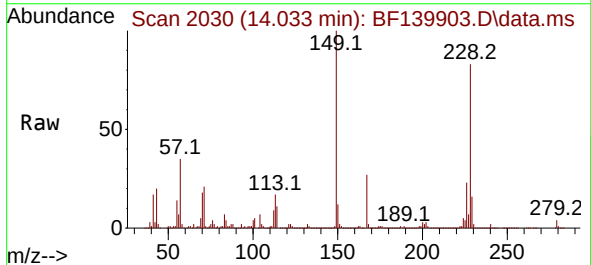
RT: 14.033 min Scan# 2030

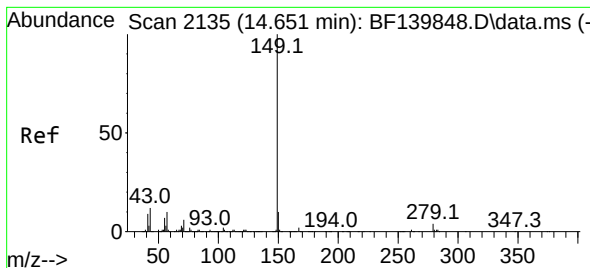
Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Tgt Ion:	149	Resp:	612765
Ion Ratio	Lower	Upper	
149	100		
167	27.0	21.4	32.0
279	3.9	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 65.136 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

SP-3MSD

Tgt Ion:149 Resp: 1042738

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

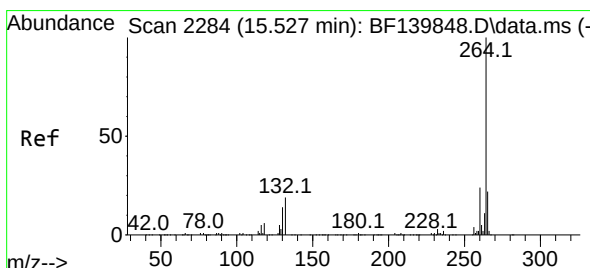
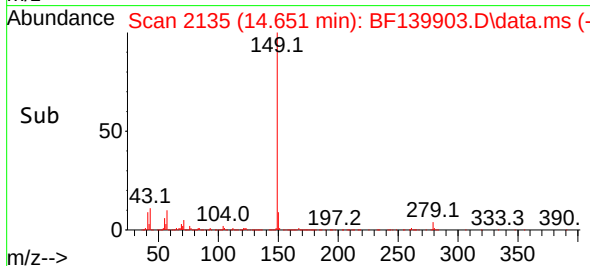
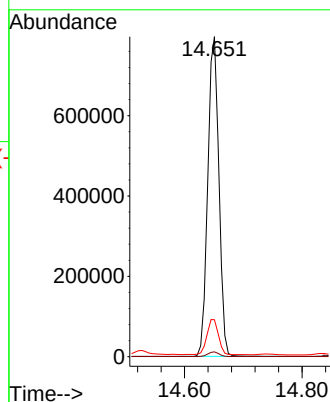
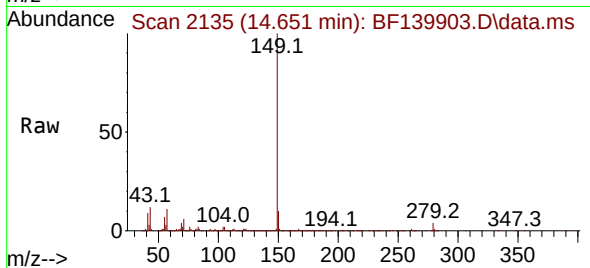
43 11.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.533 min Scan# 2285

Delta R.T. 0.006 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

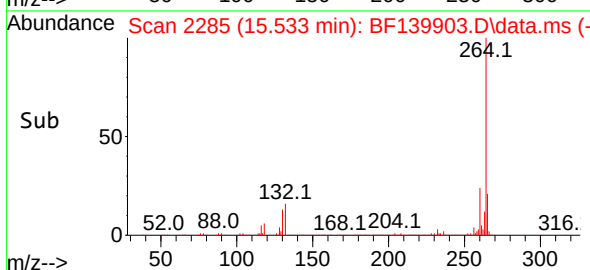
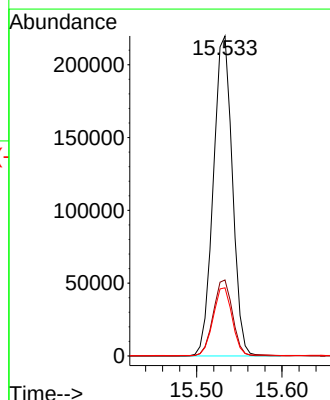
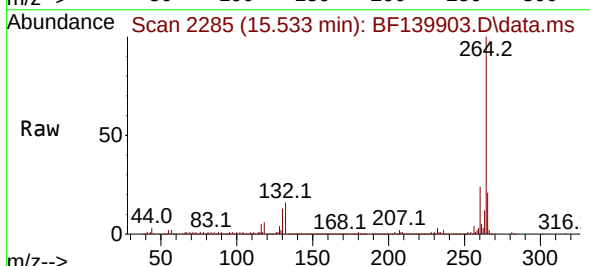
Tgt Ion:264 Resp: 341306

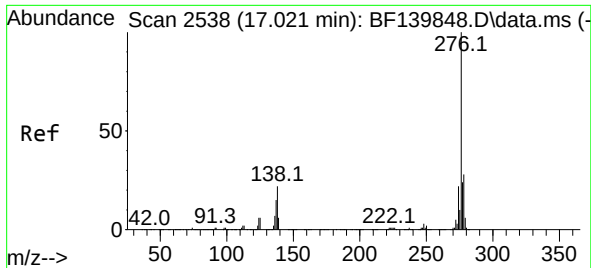
Ion Ratio Lower Upper

264 100

260 23.8 19.4 29.2

265 21.3 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 46.572 ng
RT: 17.027 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

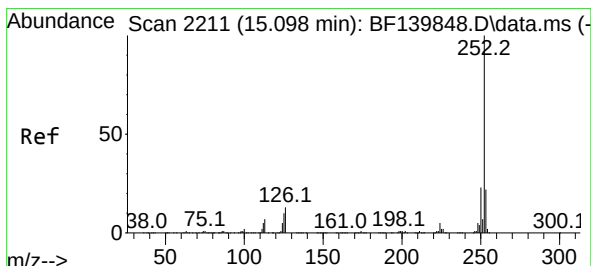
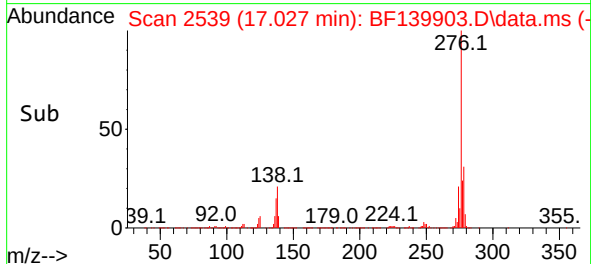
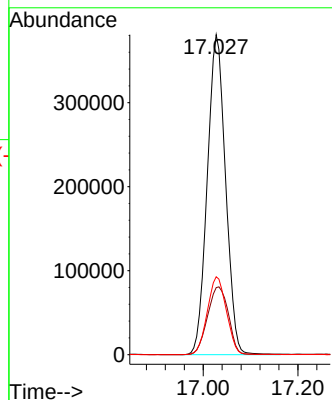
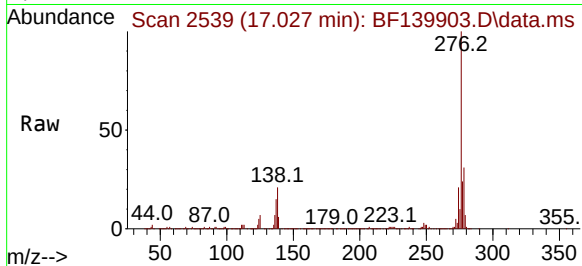
SP-3MSD

Tgt Ion:276 Resp: 102258
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.4 20.2 30.4

Manual Integrations

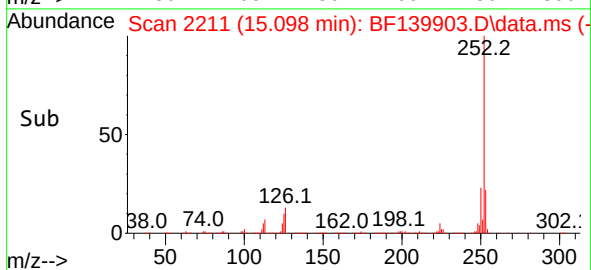
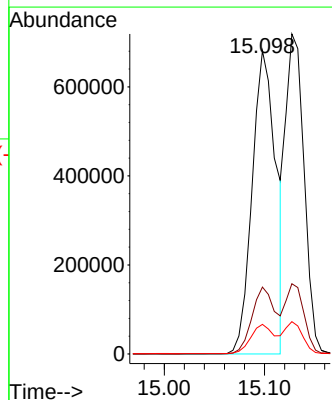
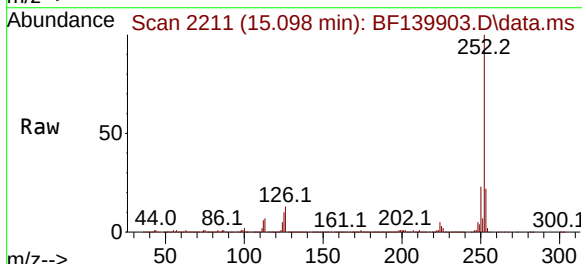
APPROVED

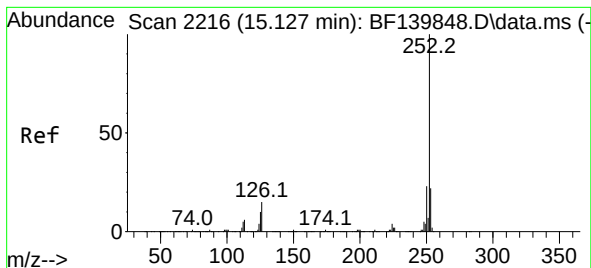
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#88
Benzo(b)fluoranthene
Concen: 53.915 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:252 Resp: 1120950
Ion Ratio Lower Upper
252 100
253 22.1 17.6 26.4
125 9.8 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 51.117 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

Instrument :

BNA_F

ClientSampleId :

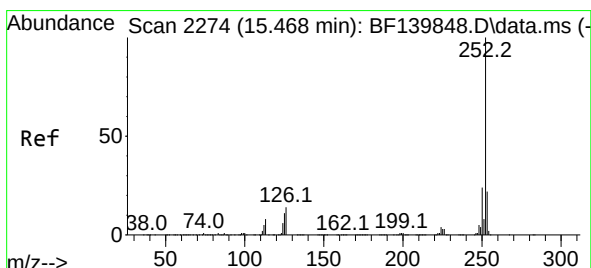
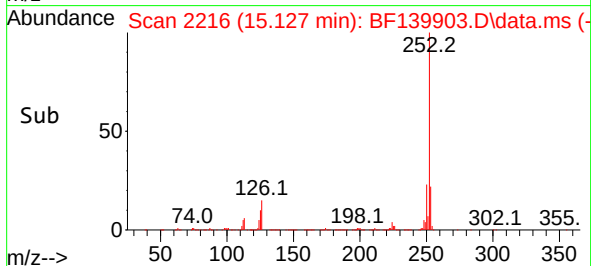
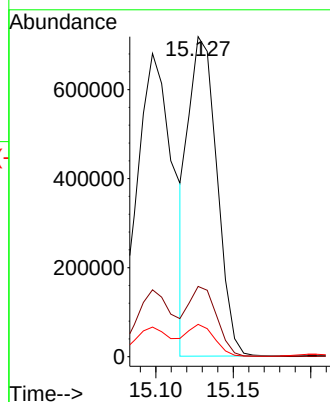
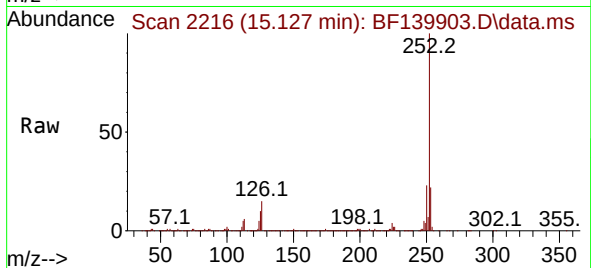
SP-3MSD

Tgt Ion:252 Resp: 91654
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.6 26.4
 125 10.1 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#90

Benzo(a)pyrene

Concen: 57.157 ng

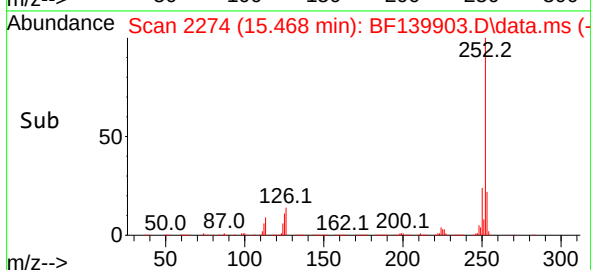
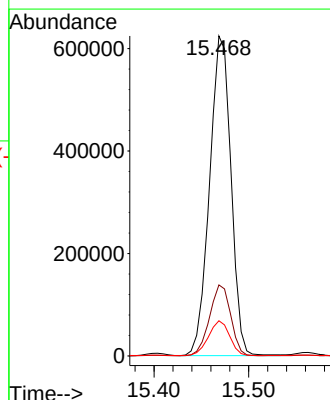
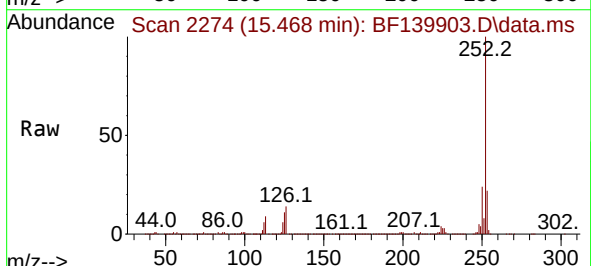
RT: 15.468 min Scan# 2274

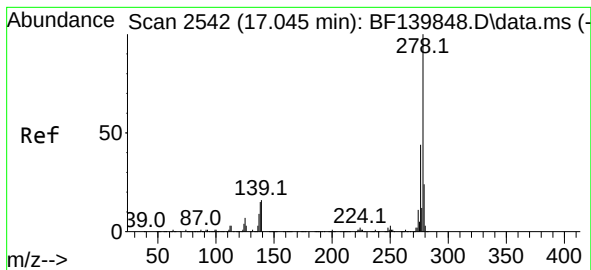
Delta R.T. 0.000 min

Lab File: BF139903.D

Acq: 21 Oct 2024 15:15

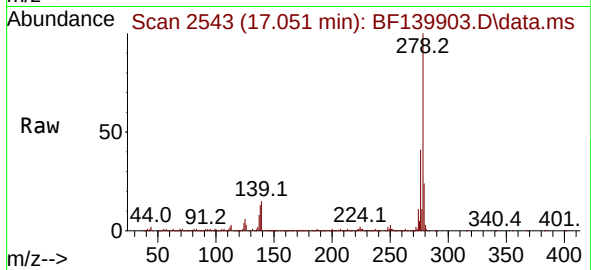
Tgt Ion:252 Resp: 977805
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.3 25.9
 125 11.0 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 45.653 ng
RT: 17.051 min Scan# 2542
Delta R.T. 0.006 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

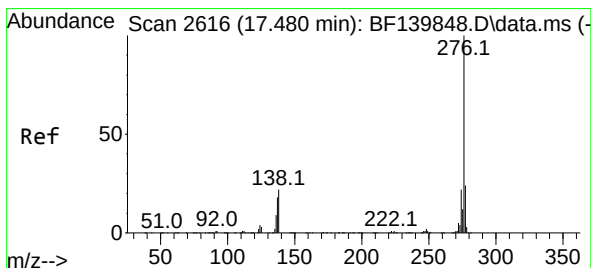
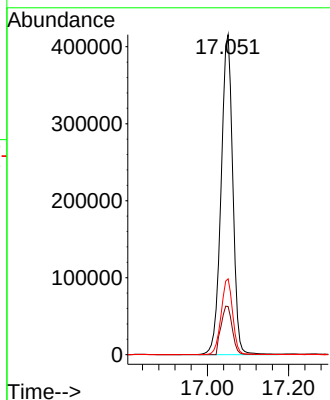
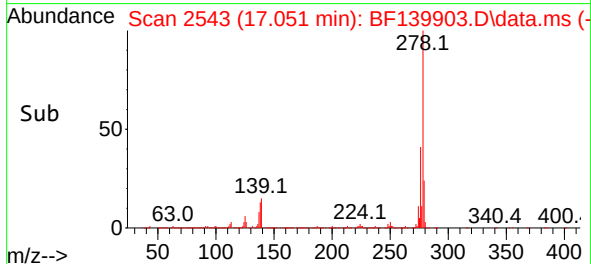
Instrument :
BNA_F
ClientSampleId :
SP-3MSD



Tgt Ion:278 Resp: 836229
Ion Ratio Lower Upper
278 100
139 15.1 13.1 19.7
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#92
Benzo(g,h,i)perylene
Concen: 40.243 ng
RT: 17.480 min Scan# 2616
Delta R.T. 0.000 min
Lab File: BF139903.D
Acq: 21 Oct 2024 15:15

Tgt Ion:276 Resp: 736293
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.0 17.4 26.0

