

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102124\
 Data File : BF139907.D
 Acq On : 21 Oct 2024 17:11
 Operator : RC/JU
 Sample : P4410-01MSD 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 21 17:50:59 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	6.892	152	138355	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	475093	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	214808	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356502	20.000	ng	0.00
76) Chrysene-d12	14.051	240	252741	20.000	ng	0.00
86) Perylene-d12	15.533	264	212749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	220535	24.954	ng	0.00
7) Phenol-d6	6.498	99	267049	23.330	ng	-0.01
23) Nitrobenzene-d5	7.445	82	151117	17.629	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	44155	21.976	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	264855	20.378	ng	0.00
79) Terphenyl-d14	12.998	244	266331	17.171	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.675	88	41313	10.026	ng	98
3) Pyridine	3.440	79	102273	10.013	ng	98
4) n-Nitrosodimethylamine	3.369	42	59830	10.903	ng	98
6) Aniline	6.545	93	60839	5.703	ng	99
8) 2-Chlorophenol	6.669	128	98030	10.850	ng	98
9) Benzaldehyde	6.440	77	25013	3.884	ng	97
10) Phenol	6.516	94	130864m	11.090	ng	
11) bis(2-Chloroethyl)ether	6.616	93	100803	11.052	ng	98
12) 1,3-Dichlorobenzene	6.828	146	110058	10.612	ng	100
13) 1,4-Dichlorobenzene	6.910	146	112628	10.870	ng	97
14) 1,2-Dichlorobenzene	7.057	146	105302	10.889	ng	98
15) Benzyl Alcohol	7.022	79	89828	10.698	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.163	45	165049	10.612	ng	99
17) 2-Methylphenol	7.128	107	80067	10.393	ng	98
18) Hexachloroethane	7.404	117	34369	9.302	ng	98
19) n-Nitroso-di-n-propyla...	7.292	70	74663	10.755	ng	98
20) 3+4-Methylphenols	7.281	107	105833	10.740	ng	95
22) Acetophenone	7.292	105	141916	12.196	ng	96
24) Nitrobenzene	7.463	77	103192	10.980	ng	99
25) Isophorone	7.704	82	184038	11.312	ng	99
26) 2-Nitrophenol	7.781	139	39777	11.219	ng	99
27) 2,4-Dimethylphenol	7.816	122	78760	13.322	ng	98
28) bis(2-Chloroethoxy)met...	7.916	93	112982	11.462	ng	99
29) 2,4-Dichlorophenol	8.022	162	69501	10.321	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	76373	10.250	ng	99
31) Naphthalene	8.192	128	274834	11.217	ng	99
32) Benzoic acid	7.863	122	35729	6.929	ng	98
33) 4-Chloroaniline	8.234	127	48103	5.757	ng	99
34) Hexachlorobutadiene	8.310	225	49809	10.639	ng	98
35) Caprolactam	8.563	113	20556	9.600	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	69957	9.382	ng	98
37) 2-Methylnaphthalene	8.881	142	159164	10.607	ng	98
38) 1-Methylnaphthalene	8.981	142	147316	10.006	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	68219	11.772	ng	99
41) Hexachlorocyclopentadiene	9.039	237	7597	3.768	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	46729	11.389	ng	98

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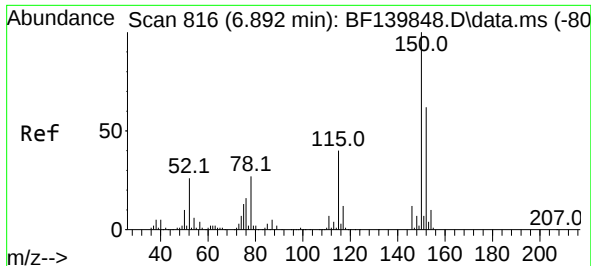
Manual Integrations
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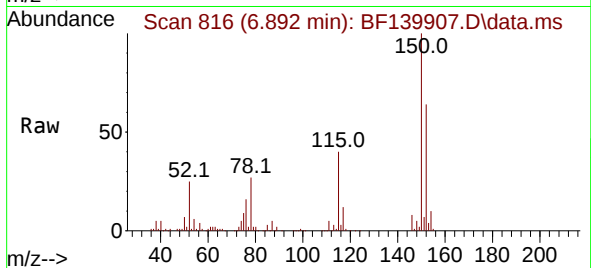
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	41846	9.885	ng	97
46) 1,1'-Biphenyl	9.345	154	184437	12.334	ng	99
47) 2-Chloronaphthalene	9.369	162	136713	11.351	ng	100
48) 2-Nitroaniline	9.457	65	41582	11.288	ng	98
49) Acenaphthylene	9.786	152	207349	11.908	ng	100
50) Dimethylphthalate	9.639	163	165582	12.375	ng	99
51) 2,6-Dinitrotoluene	9.698	165	30555	10.547	ng	99
52) Acenaphthene	9.957	154	127173	11.290	ng	100
53) 3-Nitroaniline	9.869	138	25886	8.665	ng	99
54) 2,4-Dinitrophenol	9.969	184	4007	9.585	ng	# 1
55) Dibenzofuran	10.128	168	181204	11.213	ng	98
56) 4-Nitrophenol	10.010	139	45734	19.898	ng	96
57) 2,4-Dinitrotoluene	10.104	165	33554	9.418	ng	# 98
58) Fluorene	10.475	166	142042	11.540	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	33773	10.177	ng	# 100
60) Diethylphthalate	10.339	149	149515	11.381	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	68195	10.971	ng	99
62) 4-Nitroaniline	10.475	138	29212	10.353	ng	96
63) Azobenzene	10.627	77	148501	10.662	ng	93
65) 4,6-Dinitro-2-methylph...	10.504	198	3908	2.687	ng	# 75
66) n-Nitrosodiphenylamine	10.580	169	124755	11.692	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	40450	11.014	ng	96
68) Hexachlorobenzene	11.022	284	40525	9.811	ng	97
69) Atrazine	11.104	200	39302	13.598	ng	99
70) Pentachlorophenol	11.210	266	48249	19.247	ng	97
71) Phenanthrene	11.433	178	233486	13.865	ng	98
72) Anthracene	11.486	178	209077	12.725	ng	99
73) Carbazole	11.639	167	182785	11.962	ng	99
74) Di-n-butylphthalate	11.974	149	220259	12.476	ng	99
75) Fluoranthene	12.627	202	281135	16.514	ng	99
77) Benzidine	12.745	184	32740	7.878	ng	96
78) Pyrene	12.857	202	316907	14.325	ng	99
80) Butylbenzylphthalate	13.474	149	90552	13.653	ng	99
81) Benzo(a)anthracene	14.039	228	227719	13.841	ng	98
82) 3,3'-Dichlorobenzidine	14.004	252	40814	8.508	ng	98
83) Chrysene	14.074	228	187910	12.457	ng	99
84) Bis(2-ethylhexyl)phtha...	14.033	149	120668	16.216	ng	# 99
85) Di-n-octyl phthalate	14.651	149	186625	13.788	ng	99
87) Indeno(1,2,3-cd)pyrene	17.021	276	133341	9.742	ng	99
88) Benzo(b)fluoranthene	15.098	252	165071	12.737	ng	97
89) Benzo(k)fluoranthene	15.121	252	140929	12.609	ng	97
90) Benzo(a)pyrene	15.468	252	141116	13.233	ng	96
91) Dibenzo(a,h)anthracene	17.045	278	106050	9.288	ng	99
92) Benzo(g,h,i)perylene	17.474	276	98795	8.663	ng	97

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

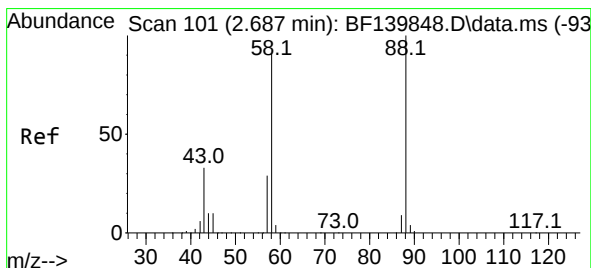
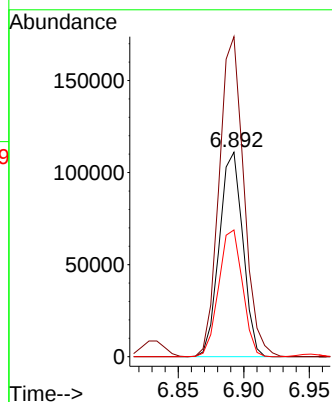
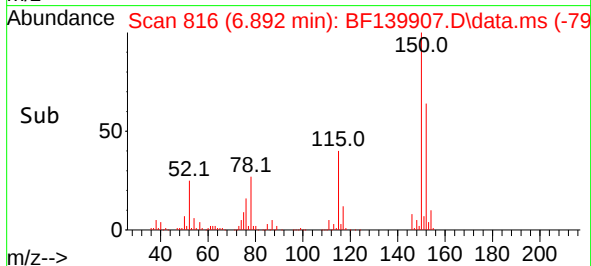
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:152 Resp: 13835
Ion Ratio Lower Upper
152 100
150 156.5 130.2 195.2
115 62.0 51.4 77.2

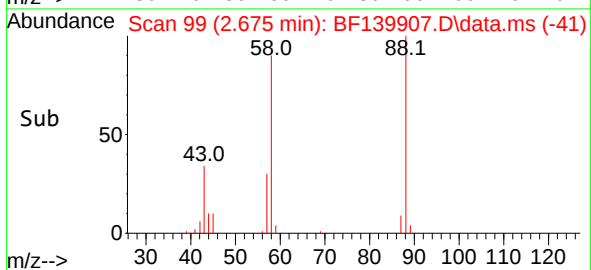
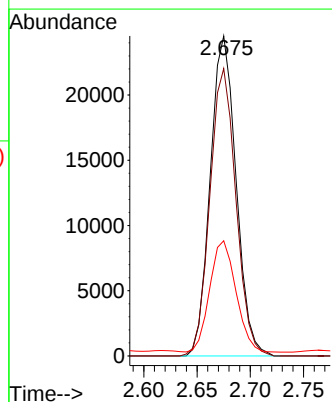
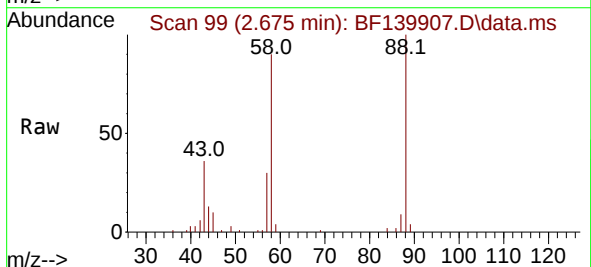
Manual Integrations
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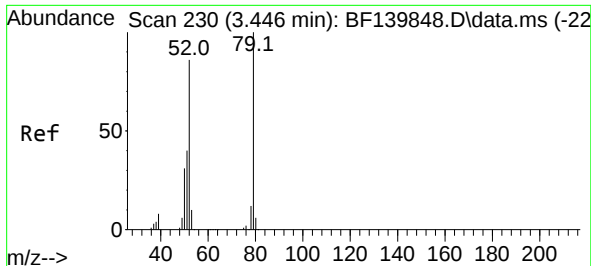
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#2
1,4-Dioxane
Concen: 10.026 ng
RT: 2.675 min Scan# 99
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

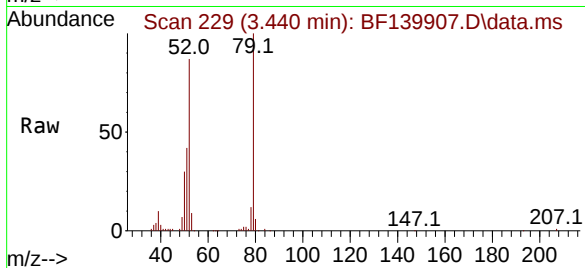
Tgt Ion: 88 Resp: 41313
Ion Ratio Lower Upper
88 100
58 90.5 73.3 109.9
43 35.4 27.1 40.7





#3
Pyridine
Concen: 10.013 ng
RT: 3.440 min Scan# 217
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

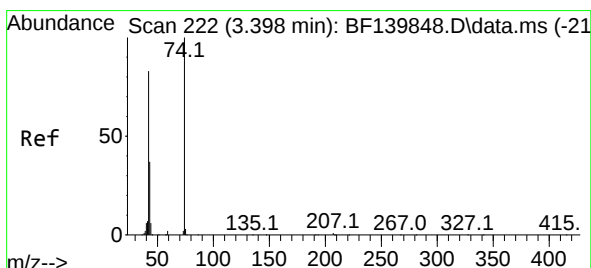
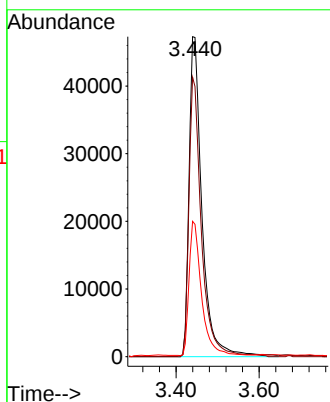
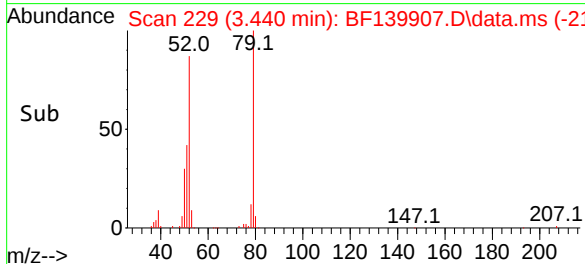
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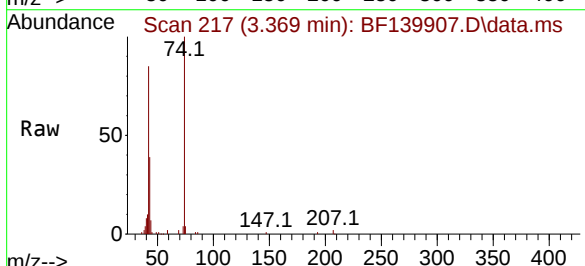
Tgt Ion: 79 Resp: 10227
Ion Ratio Lower Upper
79 100
52 87.3 68.5 102.7
51 42.3 32.3 48.5

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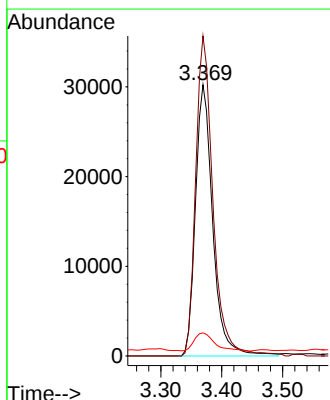
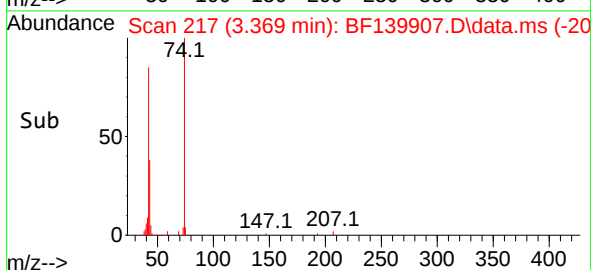
Reviewed By :Yogesh Patel 10/22/2024
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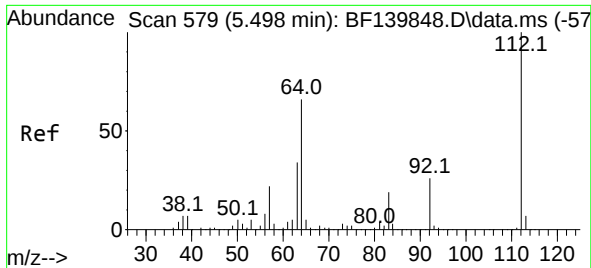


#4
n-Nitrosodimethylamine
Concen: 10.903 ng
RT: 3.369 min Scan# 217
Delta R.T. -0.029 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



Tgt Ion: 42 Resp: 59830
Ion Ratio Lower Upper
42 100
74 118.0 96.2 144.4
44 8.5 6.2 9.2





#5
2-Fluorophenol
Concen: 24.954 ng
RT: 5.498 min Scan# 511
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

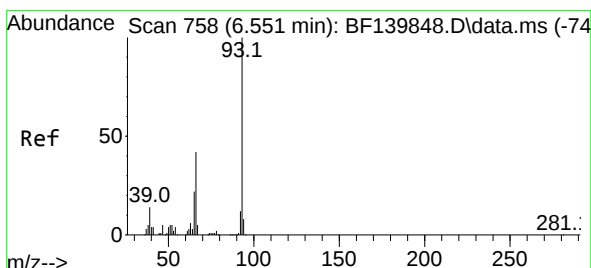
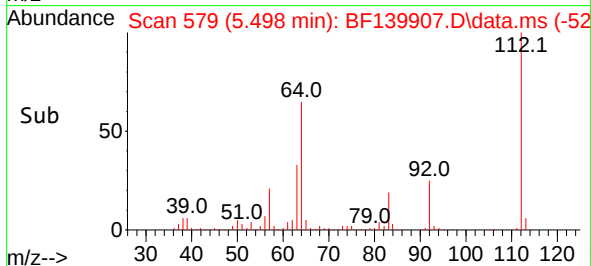
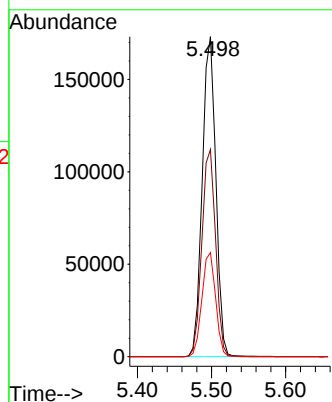
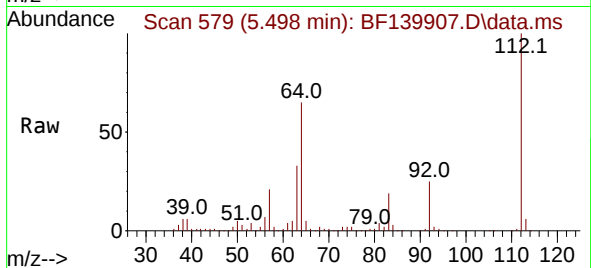
TR-04-101524MSD

Tgt Ion:112 Resp: 220539
Ion Ratio Lower Upper
112 100
64 64.7 53.0 79.6
63 32.5 27.0 40.4

Manual Integrations

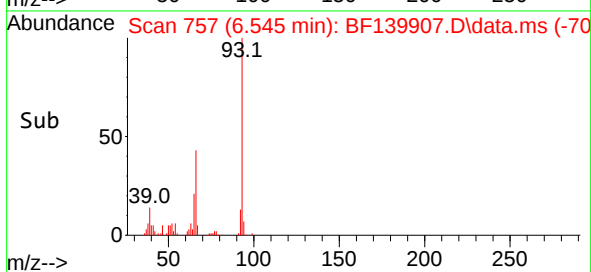
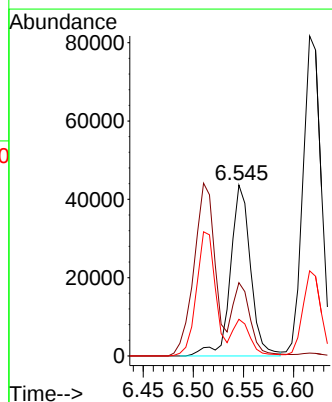
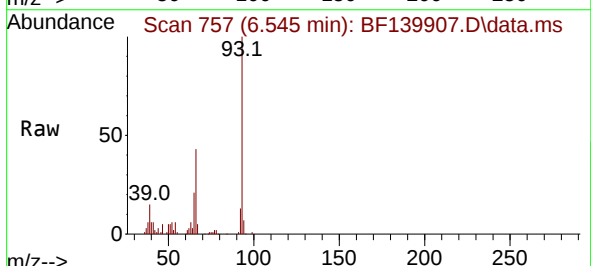
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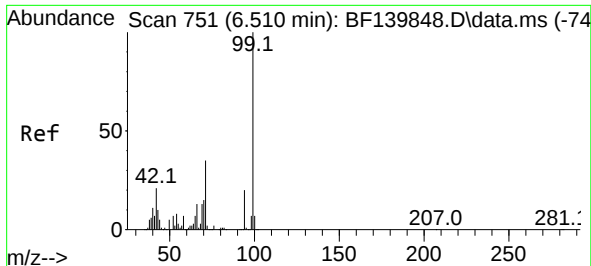
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#6
Aniline
Concen: 5.703 ng
RT: 6.545 min Scan# 757
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

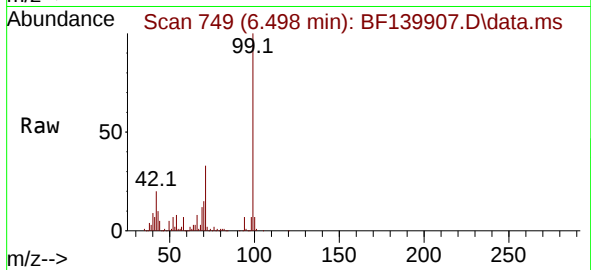
Tgt Ion: 93 Resp: 60839
Ion Ratio Lower Upper
93 100
66 42.9 34.0 51.0
65 21.4 17.4 26.0





#7
Phenol-d6
Concen: 23.330 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

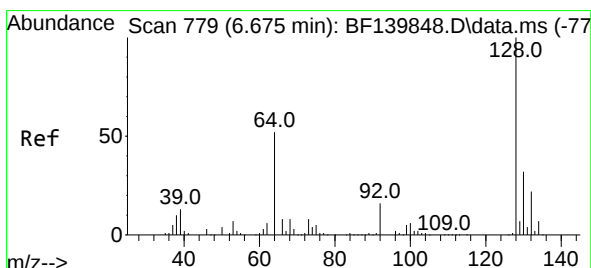
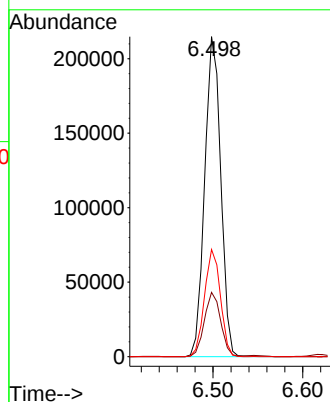
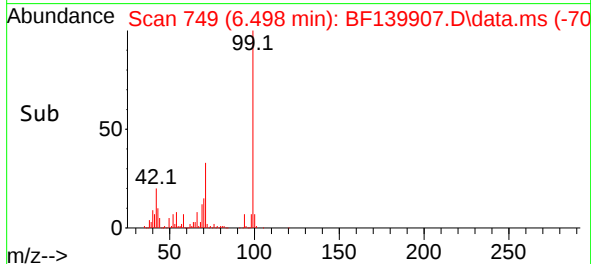
Instrument :
BNA_F
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Tgt Ion: 99 Resp: 267049
Ion Ratio Lower Upper
99 100
42 20.1 16.7 25.1
71 33.5 27.7 41.5

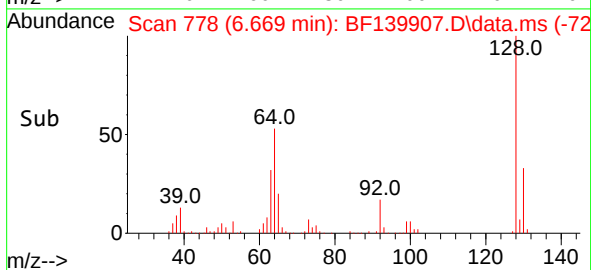
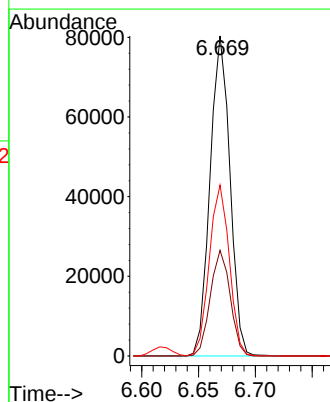
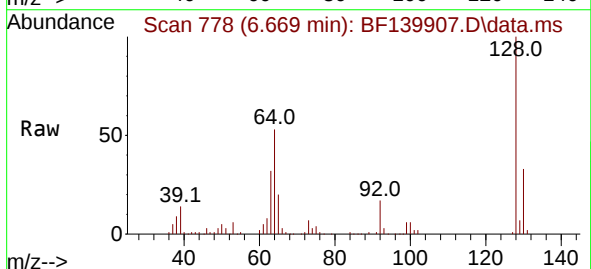
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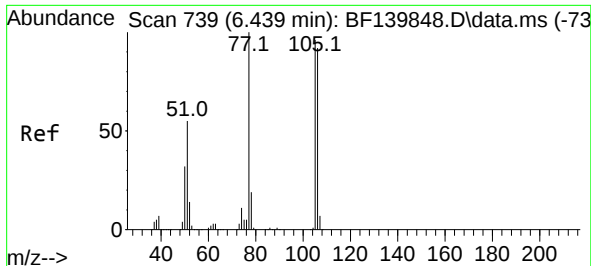
Reviewed By :Yogesh Patel 10/22/2024
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#8
2-Chlorophenol
Concen: 10.850 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:128 Resp: 98030
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 53.4 34.6 74.6





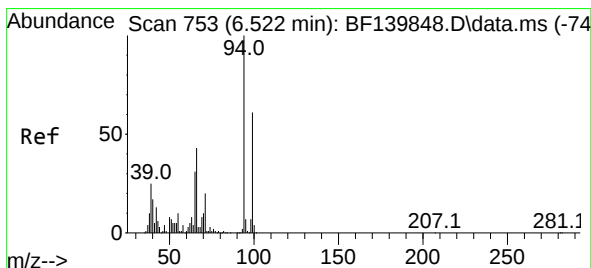
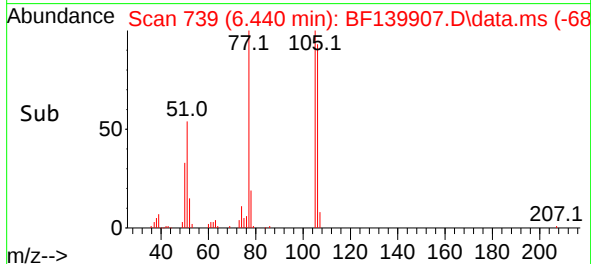
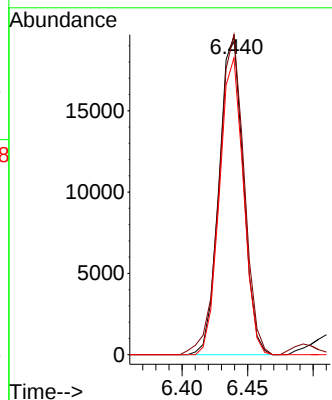
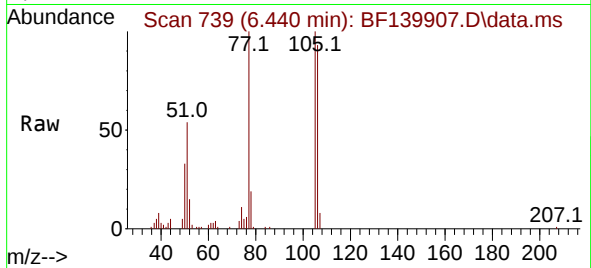
#9
Benzaldehyde
Concen: 3.884 ng
RT: 6.440 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD

Tgt Ion: 77 Resp: 2501
Ion Ratio Lower Upper
77 100
105 100.5 75.5 115.5
106 93.2 71.7 111.7

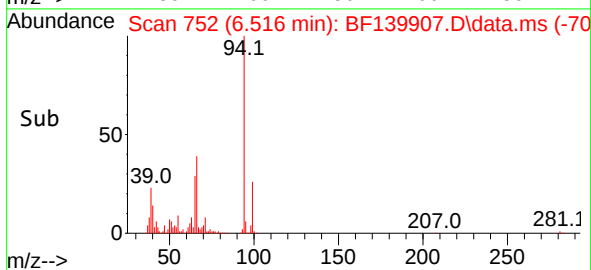
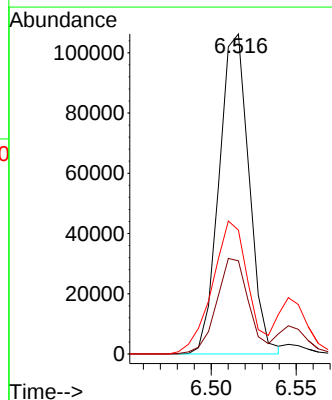
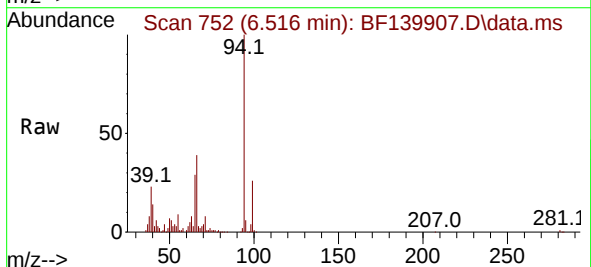
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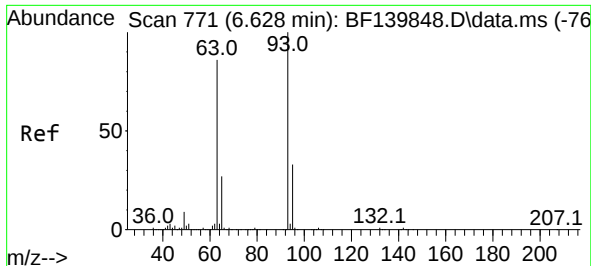
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#10
Phenol
Concen: 11.090 ng m
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion: 94 Resp: 130864
Ion Ratio Lower Upper
94 100
65 29.1 11.1 51.1
66 38.7 22.7 62.7





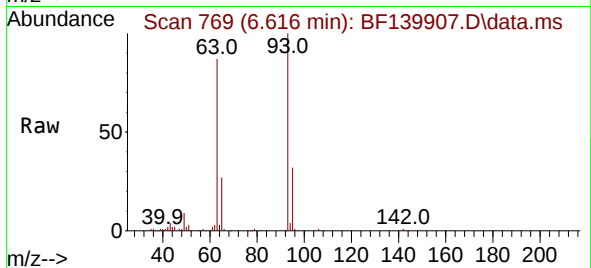
#11
bis(2-Chloroethyl)ether
Concen: 11.052 ng
RT: 6.616 min Scan# 771
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

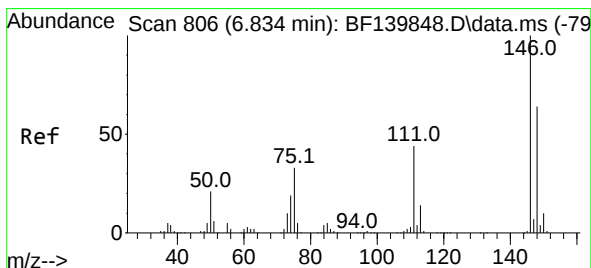
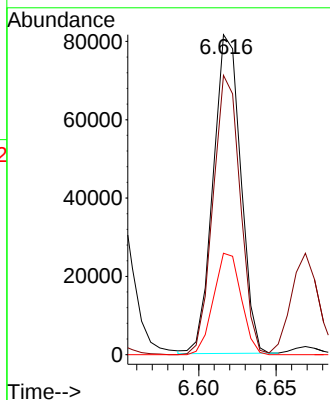
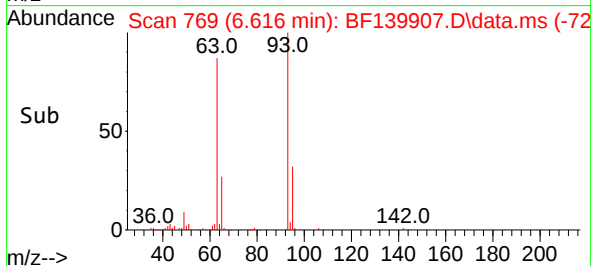
TR-04-101524MSD



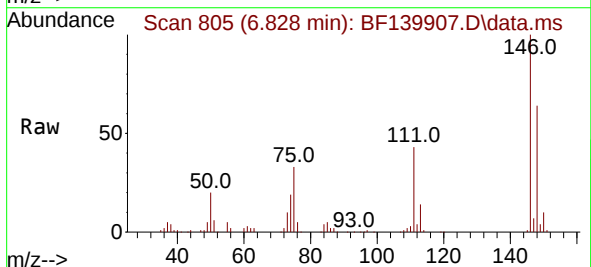
Tgt Ion: 93 Resp: 100800
Ion Ratio Lower Upper
93 100
63 87.3 65.0 105.0
95 31.7 12.4 52.4

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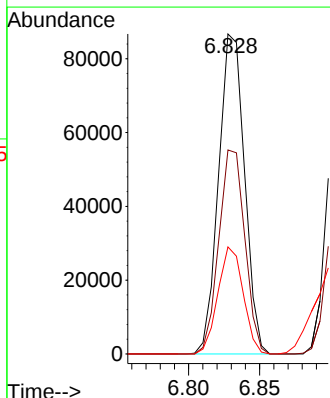
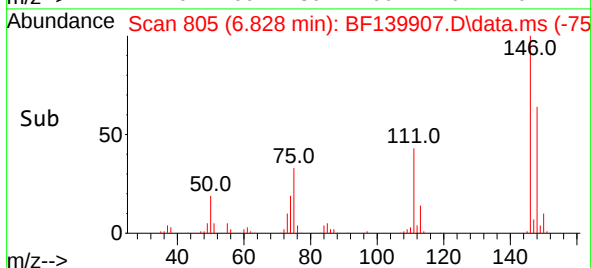
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

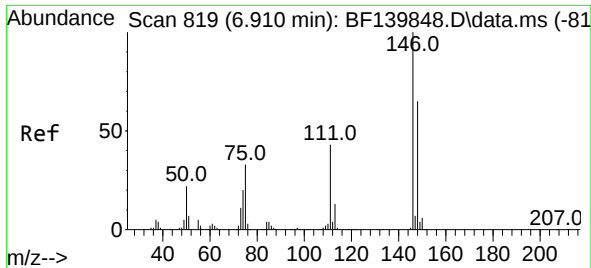


#12
1,3-Dichlorobenzene
Concen: 10.612 ng
RT: 6.828 min Scan# 805
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



Tgt Ion:146 Resp: 110058
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 33.5 26.4 39.6





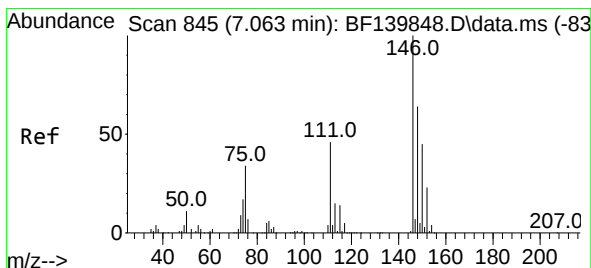
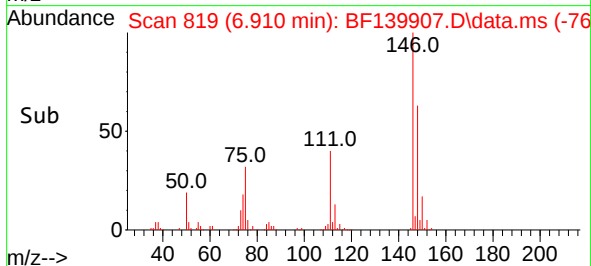
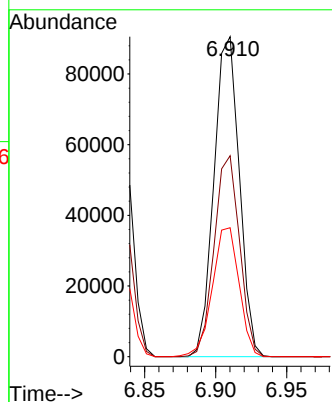
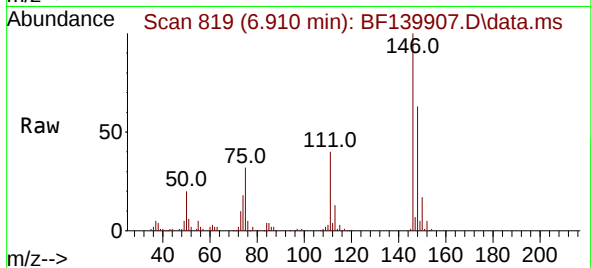
#13
1,4-Dichlorobenzene
Concen: 10.870 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD

Tgt Ion:146 Resp: 112628
Ion Ratio Lower Upper
146 100
148 62.8 51.8 77.8
111 40.3 34.6 51.8

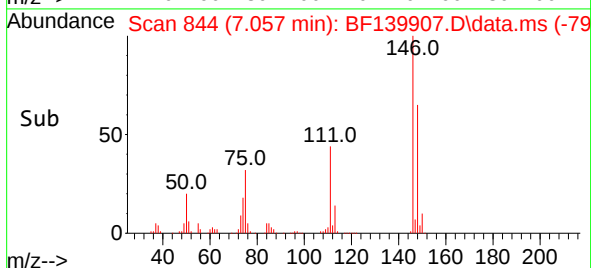
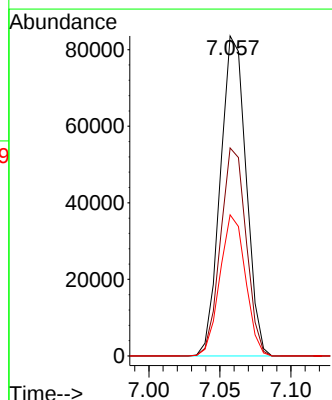
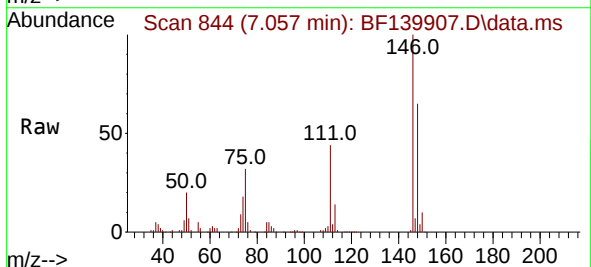
Manual Integrations
APPROVED

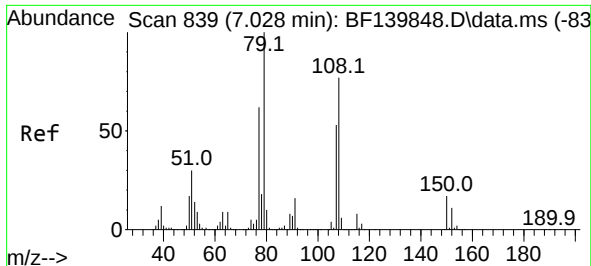
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#14
1,2-Dichlorobenzene
Concen: 10.889 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

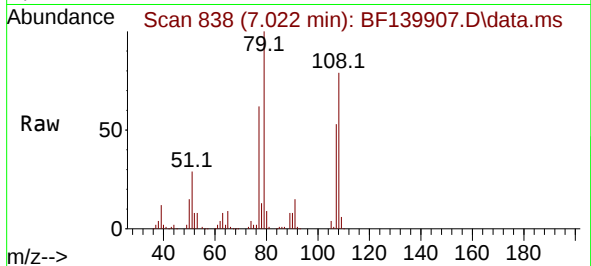
Tgt Ion:146 Resp: 105302
Ion Ratio Lower Upper
146 100
148 65.0 51.4 77.2
111 44.1 36.7 55.1





#15
Benzyl Alcohol
Concen: 10.698 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

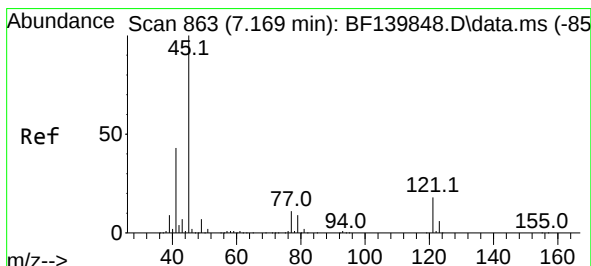
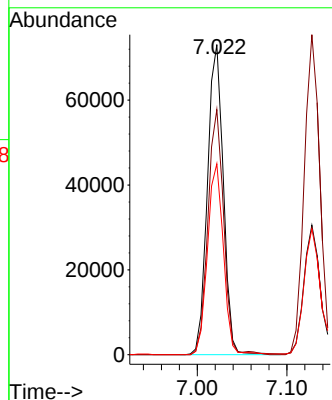
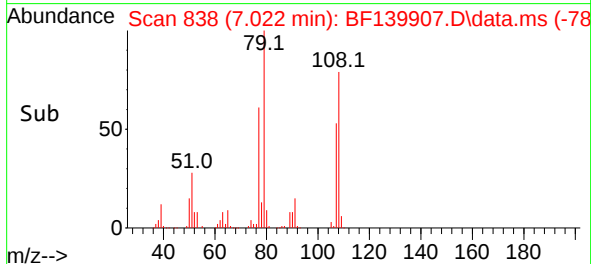
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion: 79 Resp: 89828
Ion Ratio Lower Upper
79 100
108 79.0 61.4 92.0
77 61.6 49.9 74.9

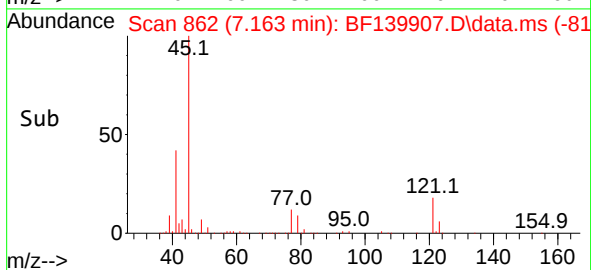
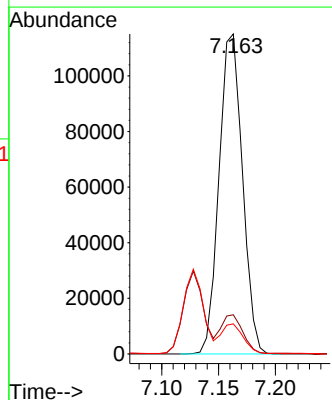
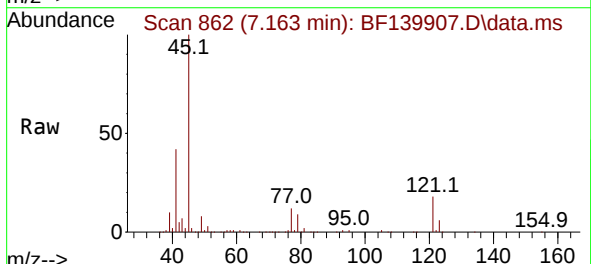
Manual Integrations
APPROVED

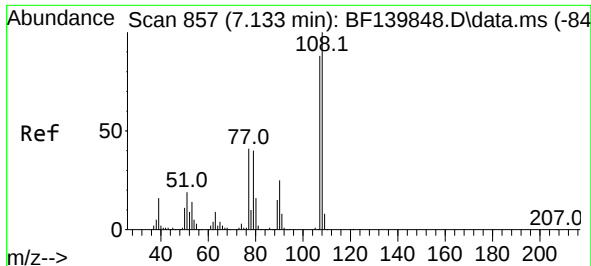
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 10.612 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion: 45 Resp: 165049
Ion Ratio Lower Upper
45 100
77 12.2 0.0 31.5
79 9.4 0.0 29.1





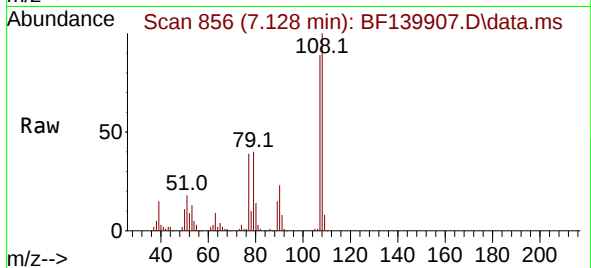
#17
2-Methylphenol
Concen: 10.393 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



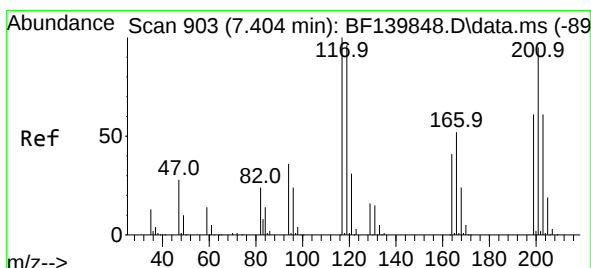
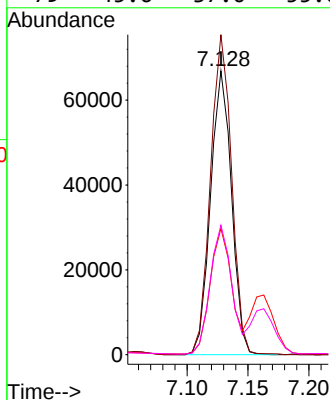
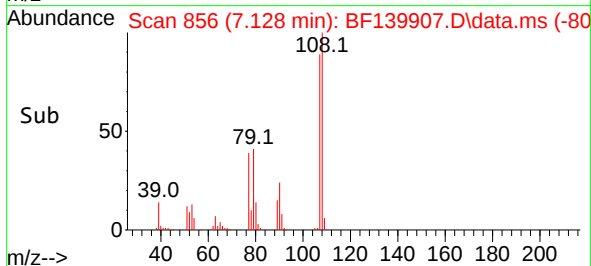
Tgt Ion:	107	Resp:	8006
Ion Ratio	Lower	Upper	
107	100		
108	112.7	91.3	136.9
77	44.4	37.1	55.7
79	45.6	37.0	55.6

Manual Integrations

APPROVED

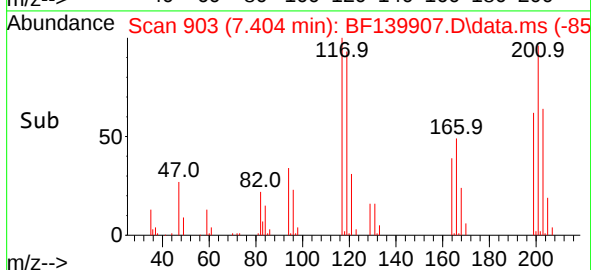
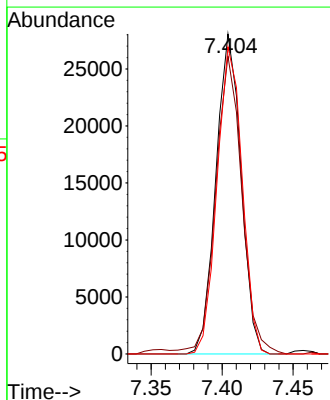
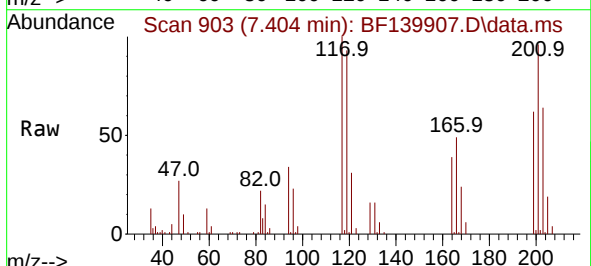
Reviewed By :Yogesh Patel 10/22/2024

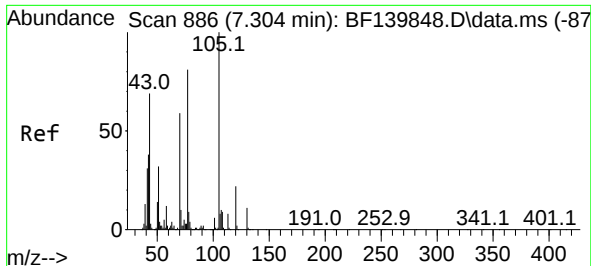
Supervised By :mohammad ahmed 10/23/2024



#18
Hexachloroethane
Concen: 9.302 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:	117	Resp:	34369
Ion Ratio	Lower	Upper	
117	100		
119	93.1	77.0	115.4
201	96.0	76.2	114.4





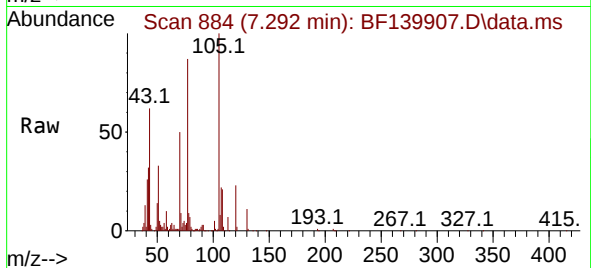
#19
n-Nitroso-di-n-propylamine
Concen: 10.755 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

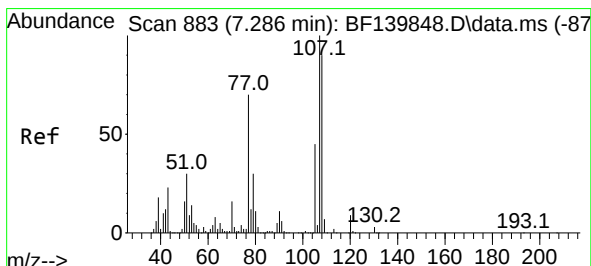
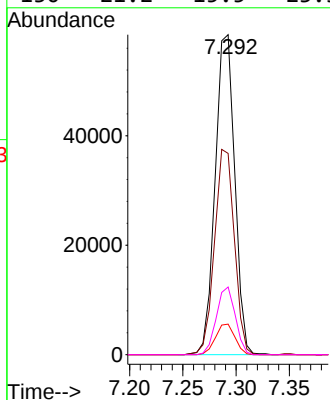
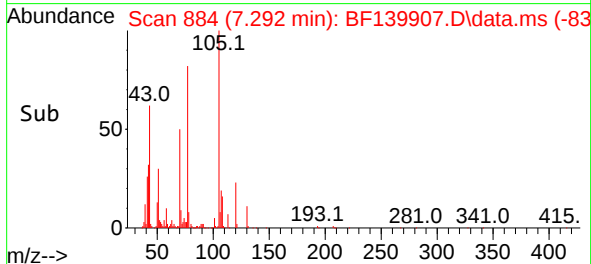
TR-04-101524MSD



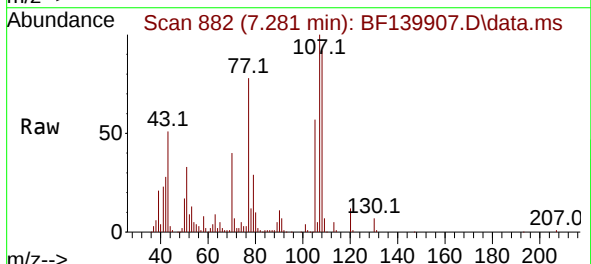
Tgt Ion: 70 Resp: 7466
Ion Ratio Lower Upper
70 100
42 62.9 51.5 77.3
101 9.5 7.5 11.3
130 21.2 15.5 23.3

Manual Integrations
APPROVED

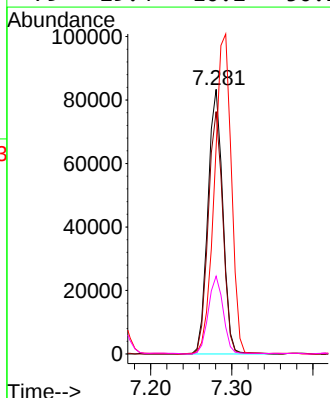
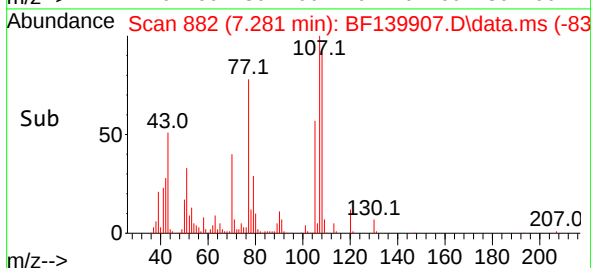
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

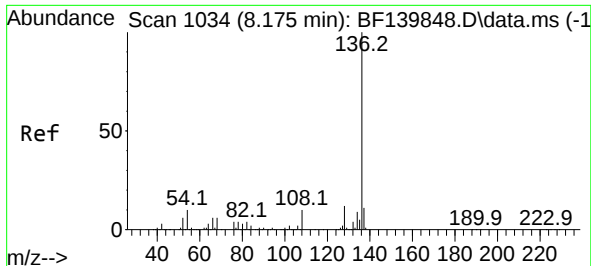


#20
3+4-Methylphenols
Concen: 10.740 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



Tgt Ion:107 Resp: 105833
Ion Ratio Lower Upper
107 100
108 91.6 69.8 109.8
77 78.0 50.5 90.5
79 29.4 10.2 50.2





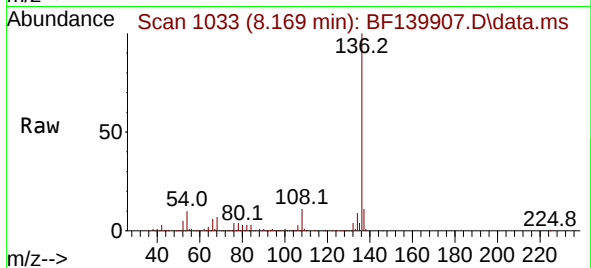
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



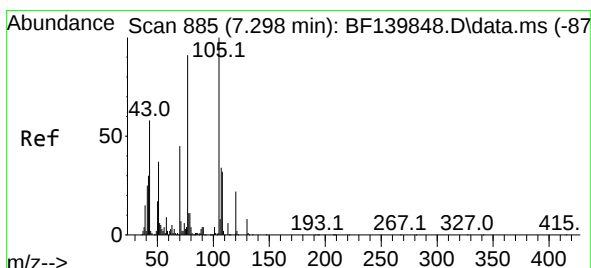
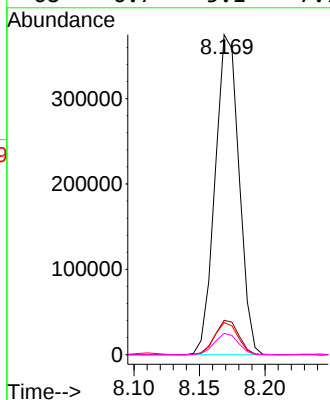
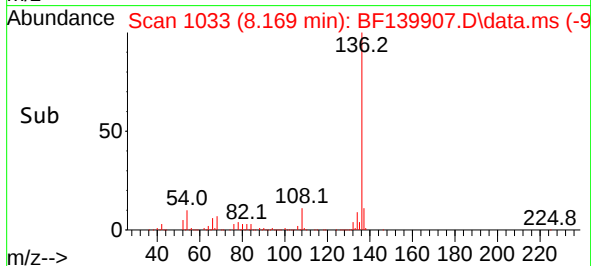
Tgt Ion:136 Resp: 475093
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 10.1 8.4 12.6
68 6.7 5.1 7.7

Manual Integrations

APPROVED

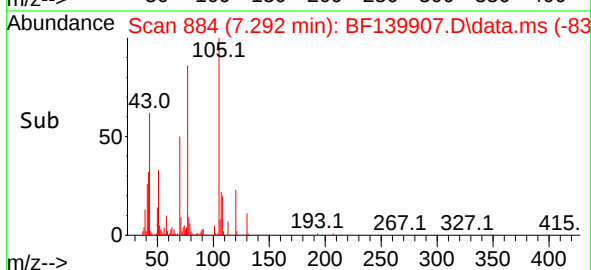
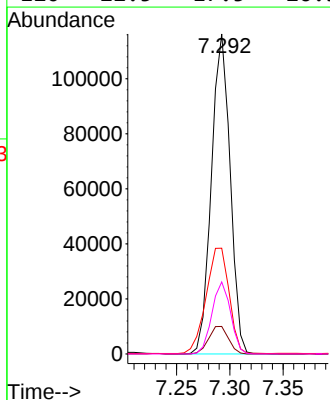
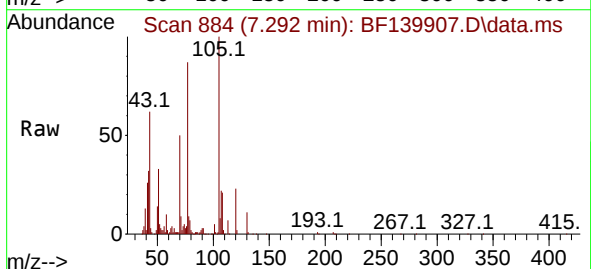
Reviewed By :Yogesh Patel 10/22/2024

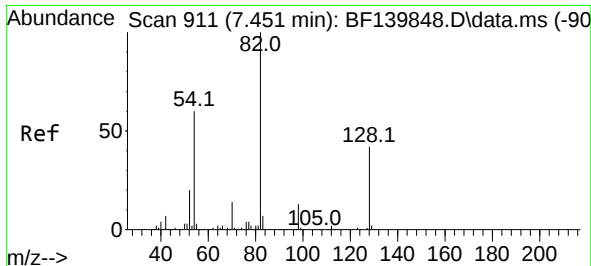
Supervised By :mohammad ahmed 10/23/2024



#22
Acetophenone
Concen: 12.196 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:105 Resp: 141916
Ion Ratio Lower Upper
105 100
71 8.6 5.9 8.9
51 33.1 29.4 44.2
120 22.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 17.629 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

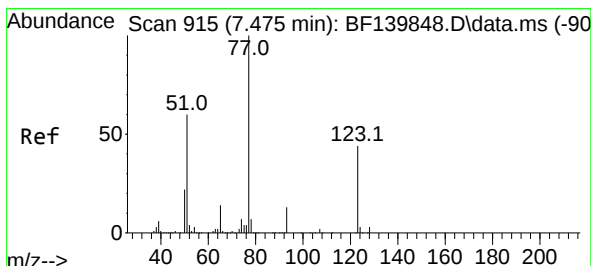
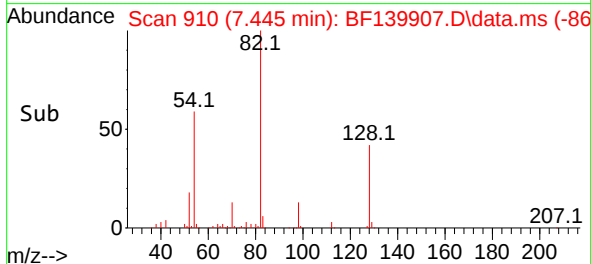
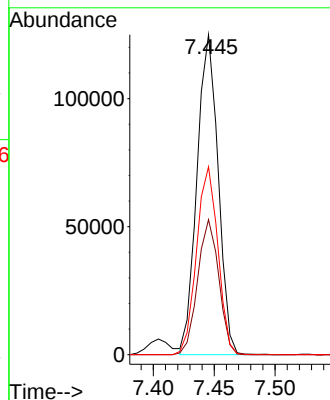
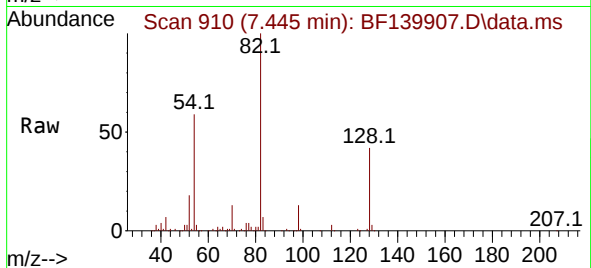
ClientSampleId :

TR-04-101524MSD

Tgt Ion: 82 Resp: 15111
 Ion Ratio Lower Upper
 82 100
 128 42.2 33.4 50.0
 54 58.7 47.8 71.8

Manual Integrations
 APPROVED

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



#24

Nitrobenzene

Concen: 10.980 ng

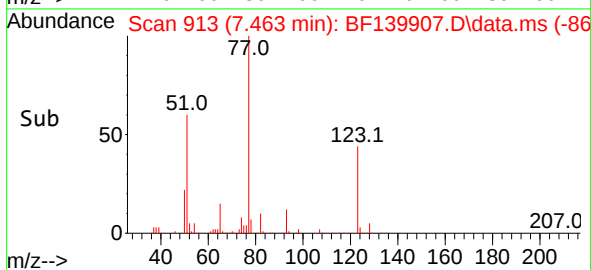
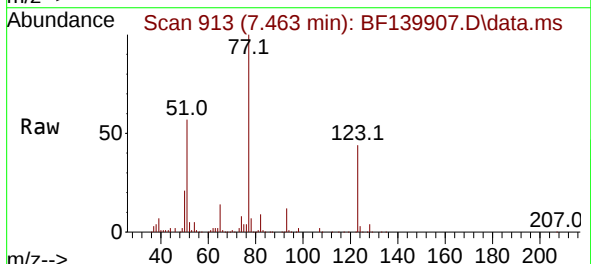
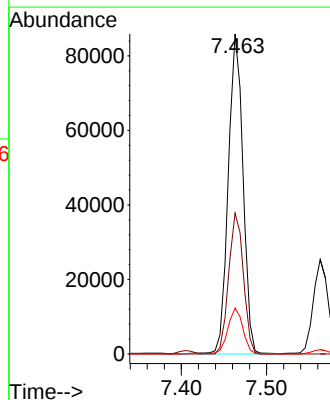
RT: 7.463 min Scan# 913

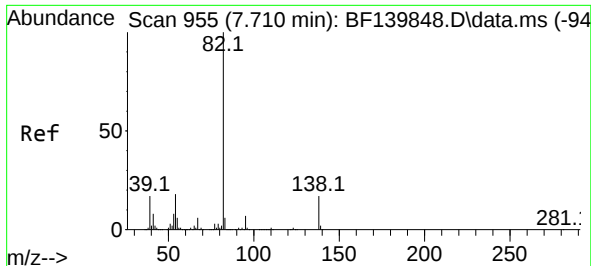
Delta R.T. -0.012 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

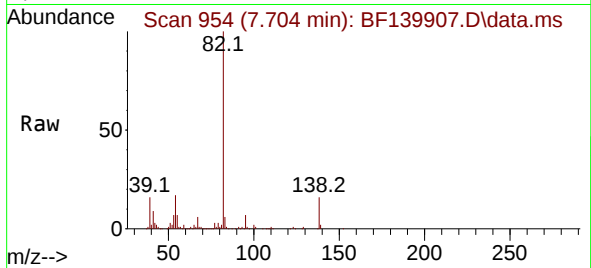
Tgt Ion: 77 Resp: 103192
 Ion Ratio Lower Upper
 77 100
 123 44.0 35.7 53.5
 65 14.3 11.5 17.3





#25
Isophorone
Concen: 11.312 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

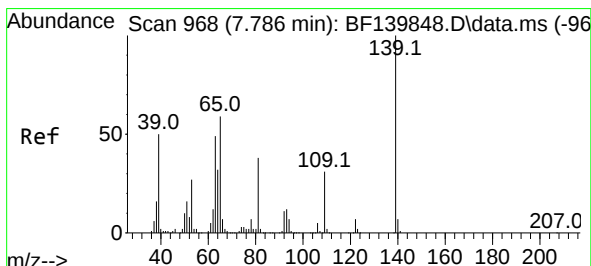
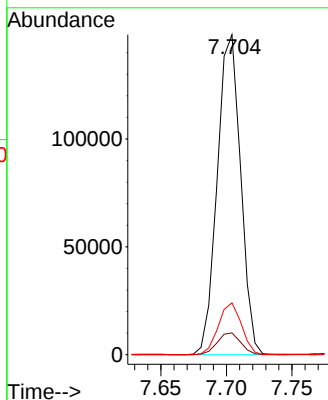
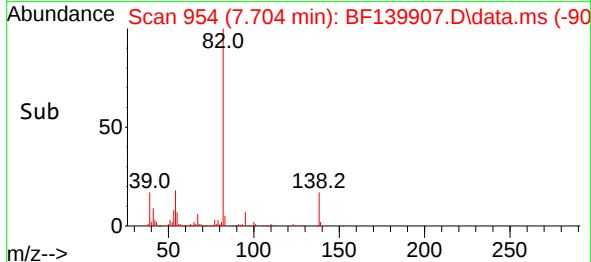
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion: 82 Resp: 184038
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.2 13.2 19.8

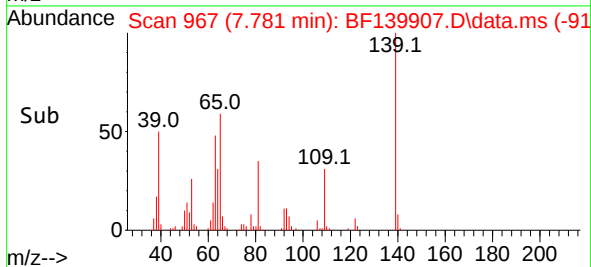
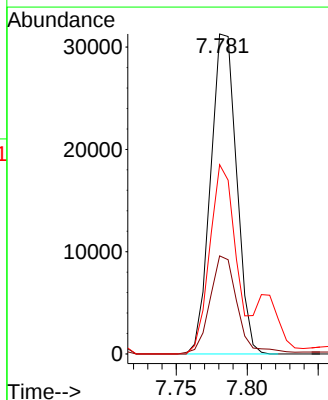
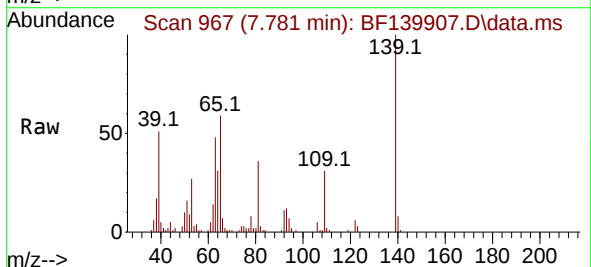
Manual Integrations
APPROVED

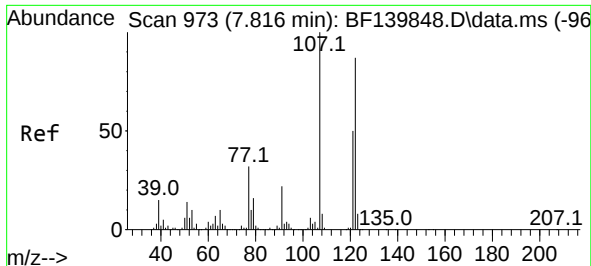
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#26
2-Nitrophenol
Concen: 11.219 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

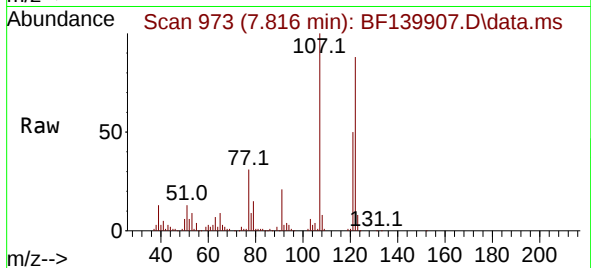
Tgt Ion:139 Resp: 39777
Ion Ratio Lower Upper
139 100
109 30.7 25.1 37.7
65 59.1 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 13.322 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

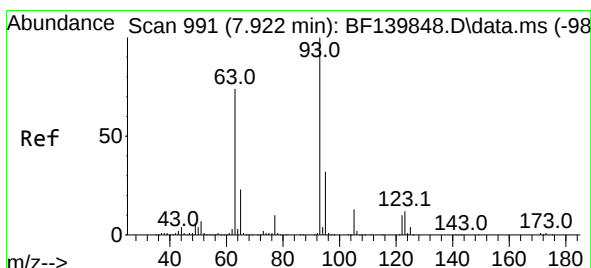
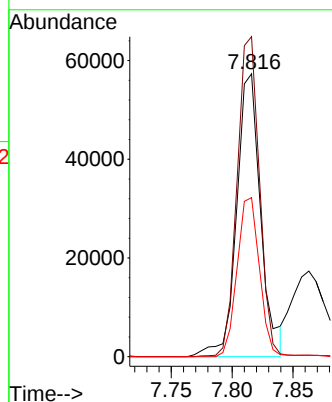
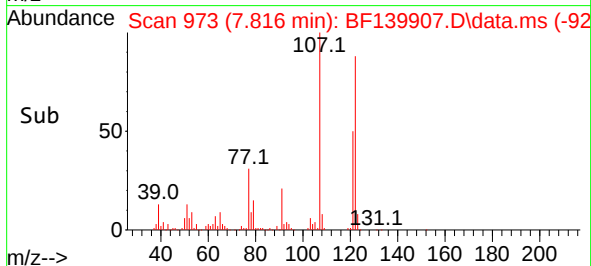
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:122 Resp: 78760
Ion Ratio Lower Upper
122 100
107 113.2 91.9 137.9
121 56.2 46.2 69.4

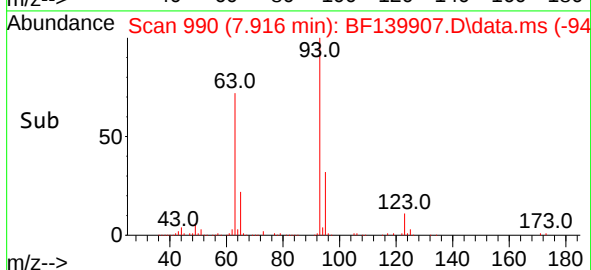
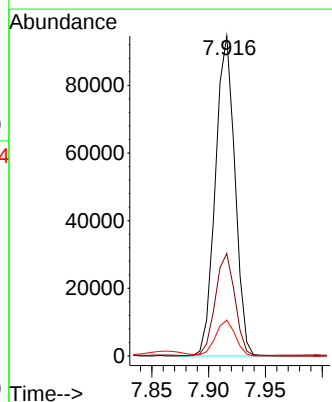
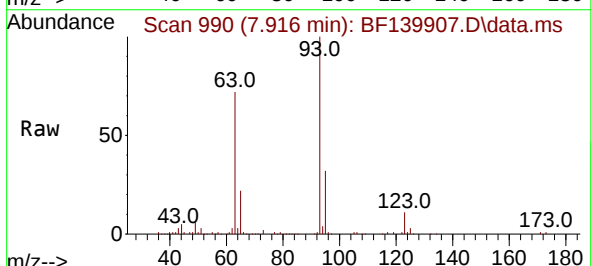
Manual Integrations
APPROVED

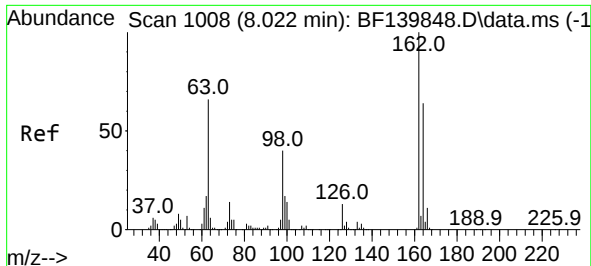
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#28
bis(2-Chloroethoxy)methane
Concen: 11.462 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion: 93 Resp: 112982
Ion Ratio Lower Upper
93 100
95 32.0 26.0 39.0
123 11.2 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 10.321 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

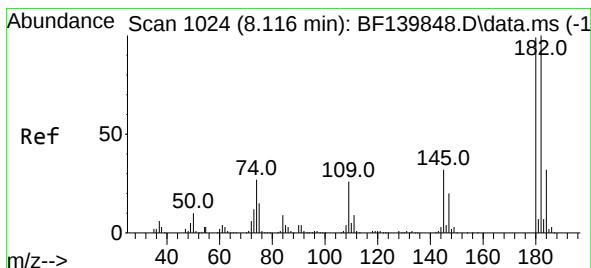
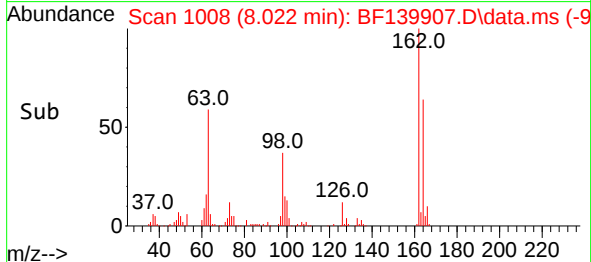
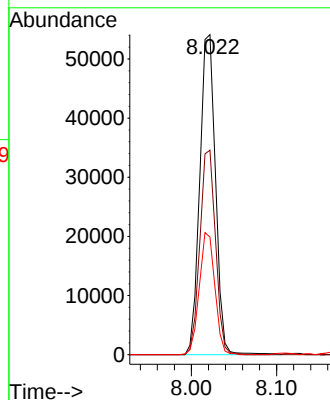
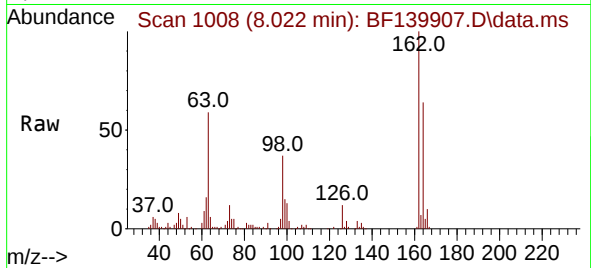
Tgt Ion:162	Resp:	6950
Ion Ratio	Lower	Upper
162	100	
164	63.9	43.9 83.9
98	36.7	19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#30

1,2,4-Trichlorobenzene

Concen: 10.250 ng

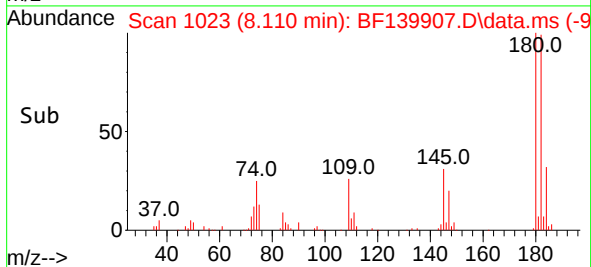
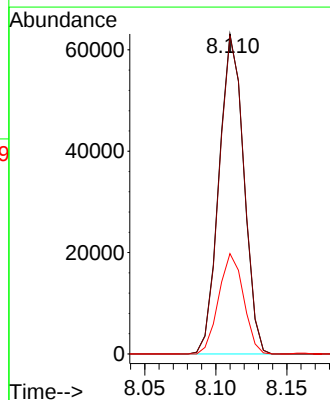
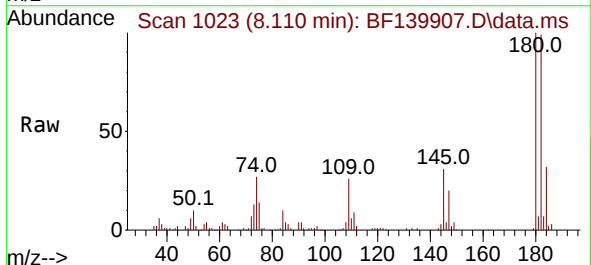
RT: 8.110 min Scan# 1023

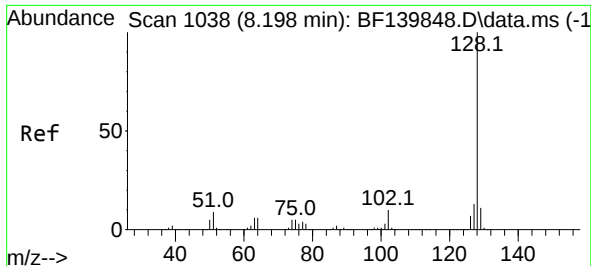
Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:180	Resp:	76373
Ion Ratio	Lower	Upper
180	100	
182	99.3	80.5 120.7
145	31.4	25.4 38.0





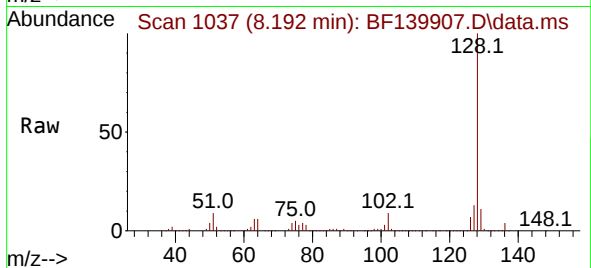
#31
Naphthalene
Concen: 11.217 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



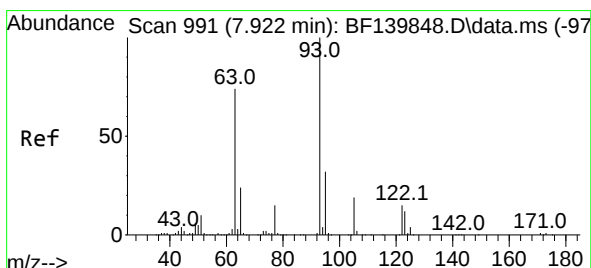
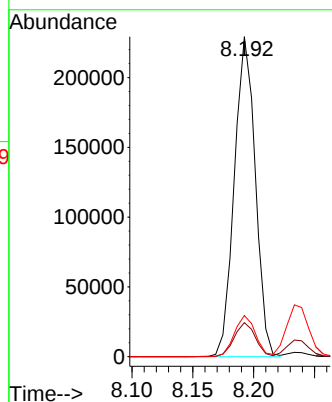
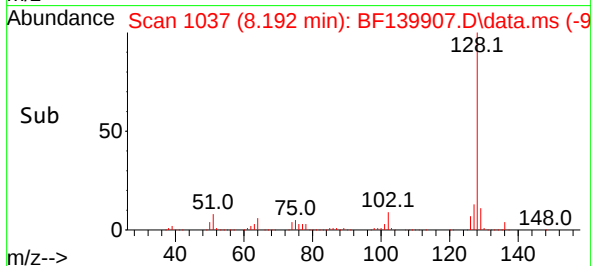
Tgt Ion:128 Resp: 274834
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 12.9 10.6 16.0

Manual Integrations

APPROVED

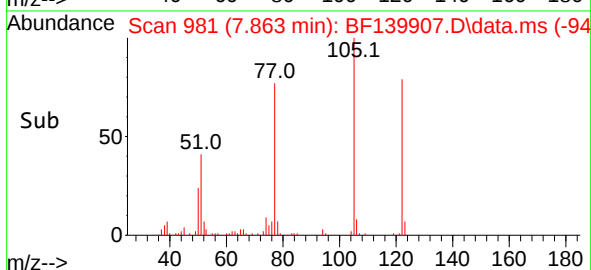
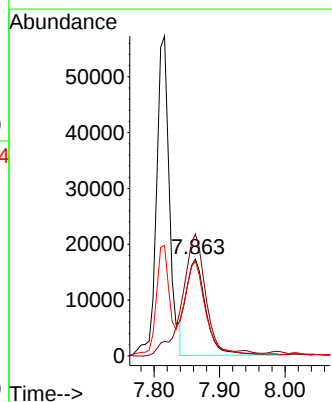
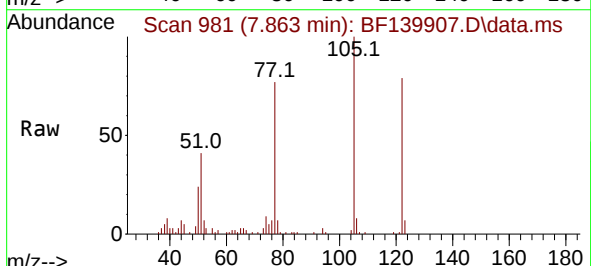
Reviewed By :Yogesh Patel 10/22/2024

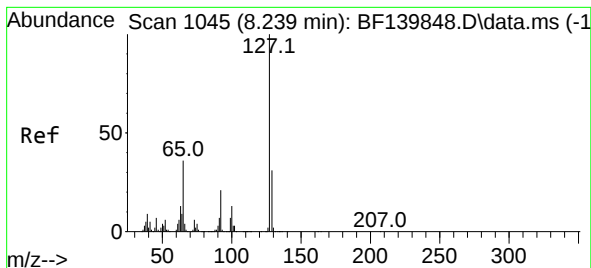
Supervised By :mohammad ahmed 10/23/2024



#32
Benzoic acid
Concen: 6.929 ng
RT: 7.863 min Scan# 981
Delta R.T. -0.059 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:122 Resp: 35729
Ion Ratio Lower Upper
122 100
105 126.1 107.6 147.6
77 97.6 80.2 120.2





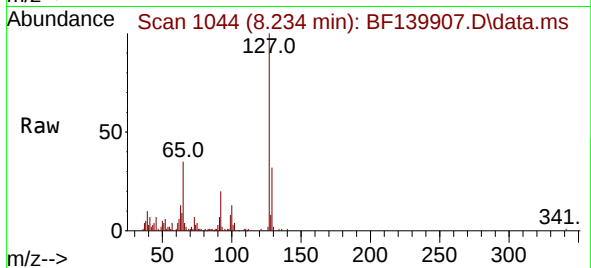
#33
4-Chloroaniline
Concen: 5.757 ng
RT: 8.234 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

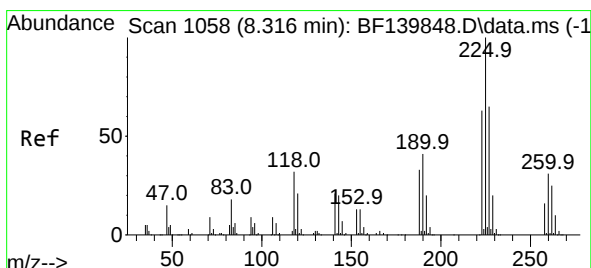
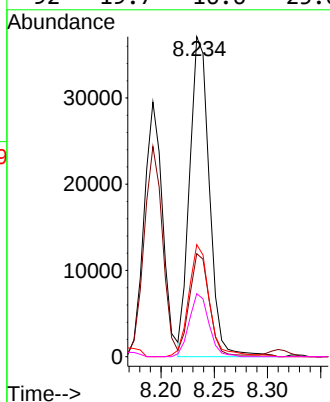
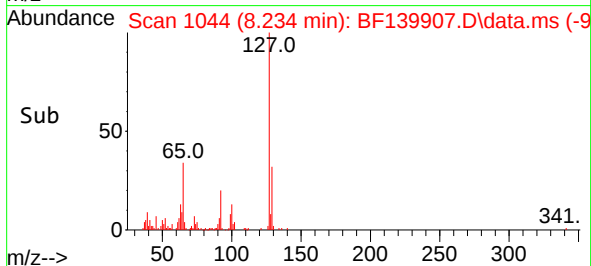


Tgt Ion:127 Resp: 4810
Ion Ratio Lower Upper
127 100
129 32.2 25.4 38.2
65 35.0 28.4 42.6
92 19.7 16.6 25.0

Manual Integrations

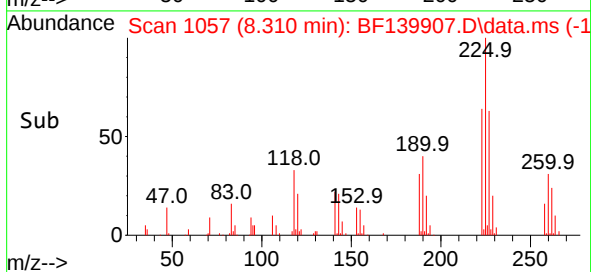
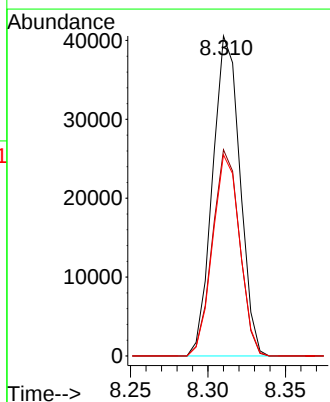
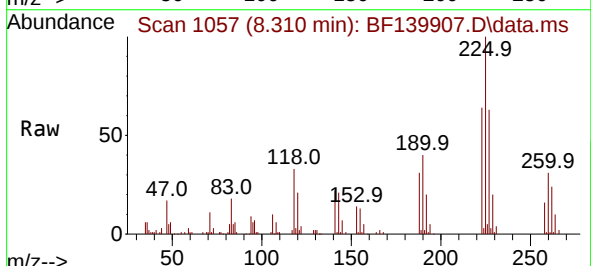
APPROVED

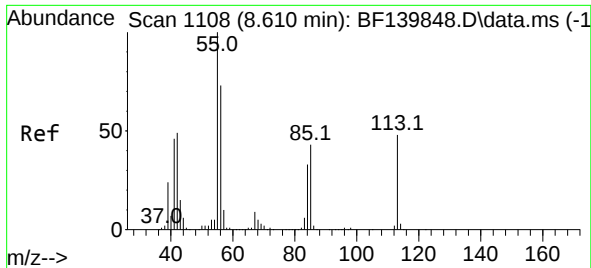
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#34
Hexachlorobutadiene
Concen: 10.639 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:225 Resp: 49809
Ion Ratio Lower Upper
225 100
223 64.4 50.6 76.0
227 62.9 51.8 77.8





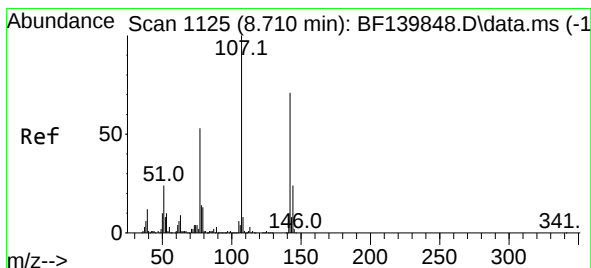
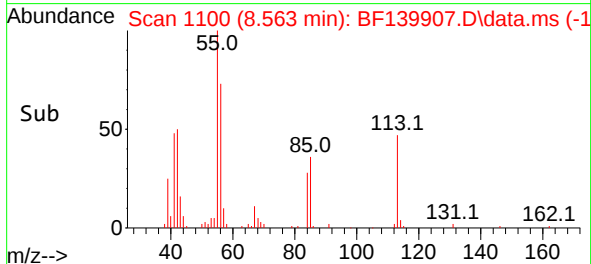
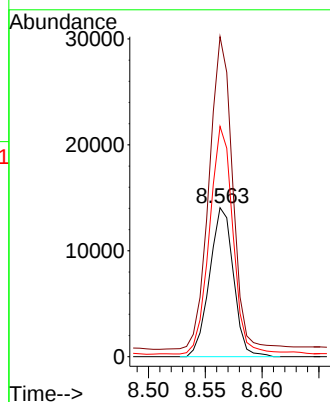
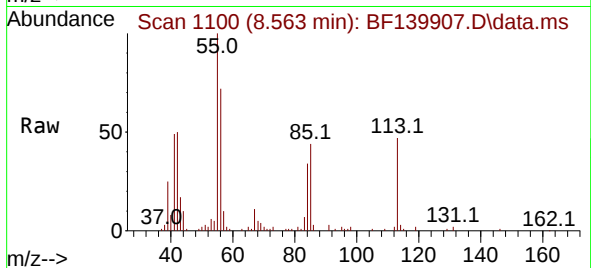
#35
 Caprolactam
 Concen: 9.600 ng
 RT: 8.563 min Scan# 1108
 Delta R.T. -0.047 min
 Lab File: BF139907.D
 Acq: 21 Oct 2024 17:11

Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MSD

Tgt Ion:113 Resp: 20550
 Ion Ratio Lower Upper
 113 100
 55 214.8 189.2 229.2
 56 154.6 132.5 172.5

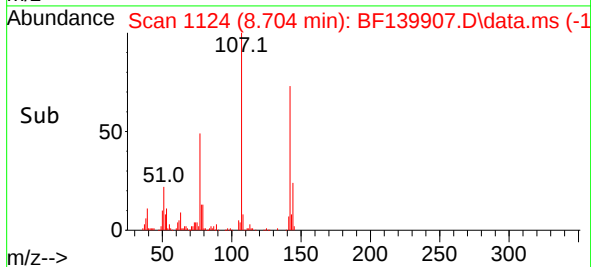
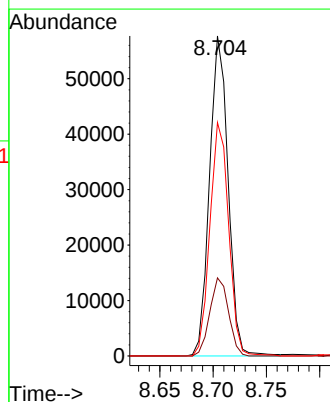
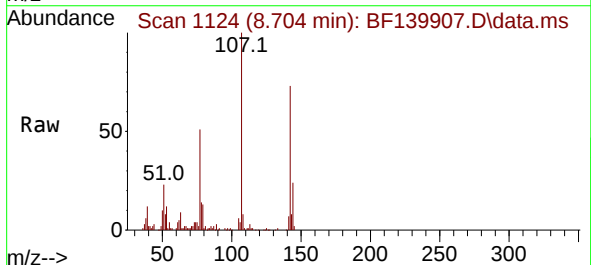
Manual Integrations
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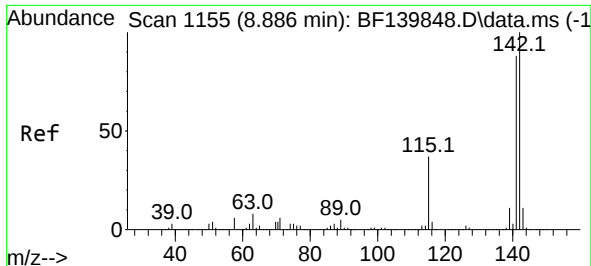
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024



#36
 4-Chloro-3-methylphenol
 Concen: 9.382 ng
 RT: 8.704 min Scan# 1124
 Delta R.T. -0.006 min
 Lab File: BF139907.D
 Acq: 21 Oct 2024 17:11

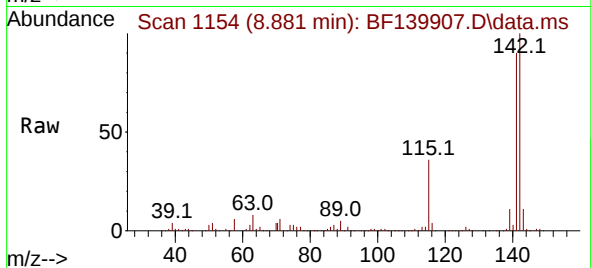
Tgt Ion:107 Resp: 69957
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.1 28.7
 142 72.9 57.2 85.8





#37
2-Methylnaphthalene
Concen: 10.607 ng
RT: 8.881 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

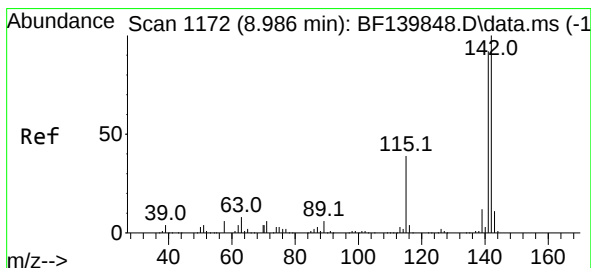
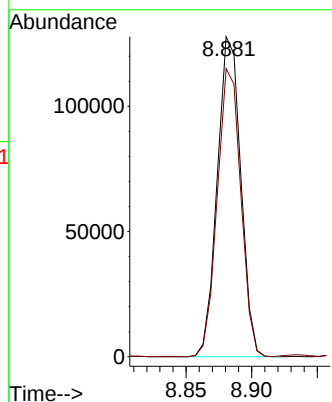
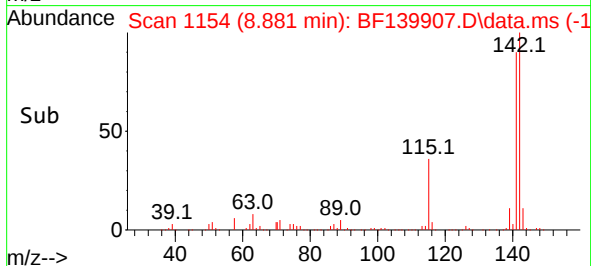
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:142 Resp: 159164
Ion Ratio Lower Upper
142 100
141 90.0 70.8 106.2

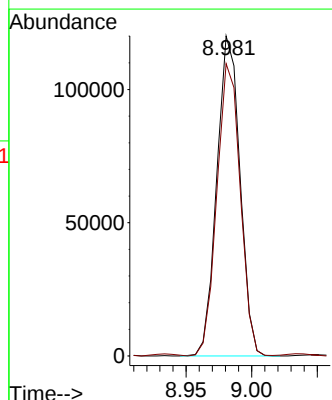
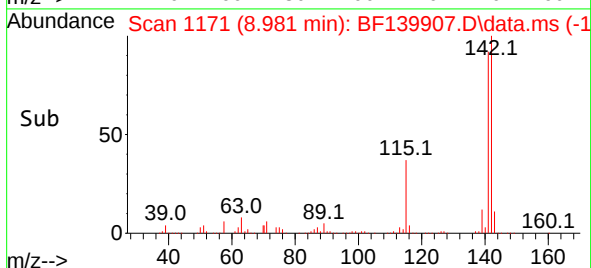
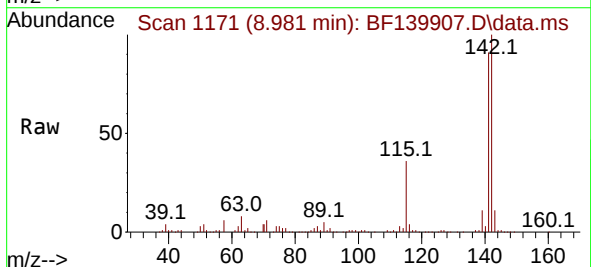
Manual Integrations
APPROVED

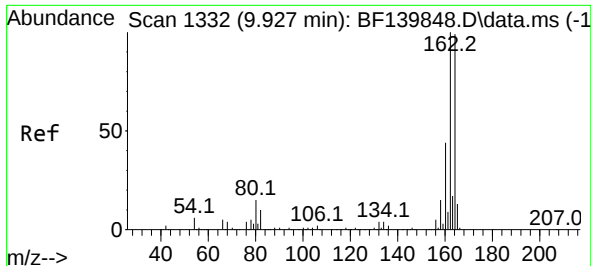
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#38
1-Methylnaphthalene
Concen: 10.006 ng
RT: 8.981 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

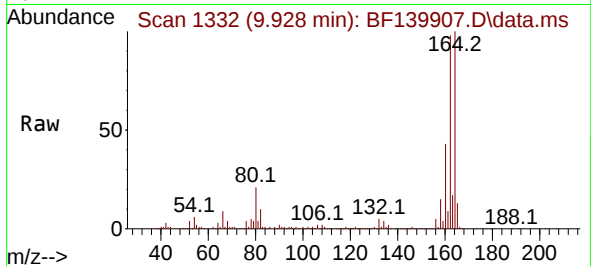
Tgt Ion:142 Resp: 147316
Ion Ratio Lower Upper
142 100
141 91.3 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1182
Delta R.T. 0.001 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

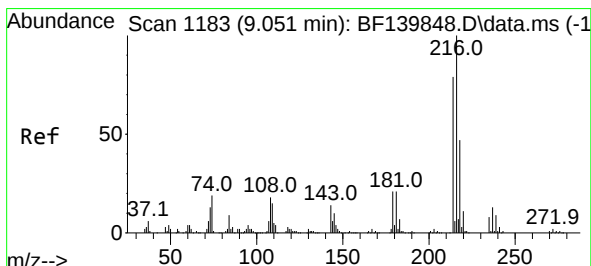
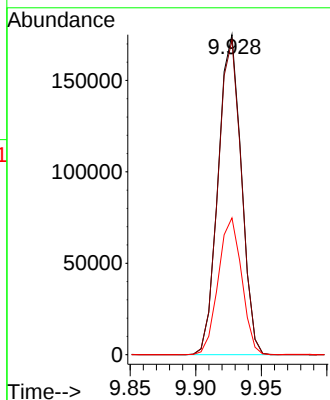
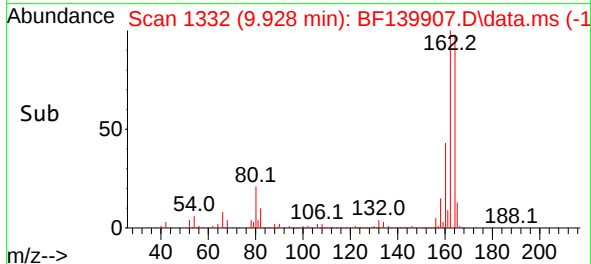
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:164 Resp: 214808
Ion Ratio Lower Upper
164 100
162 98.3 81.0 121.4
160 42.8 35.4 53.0

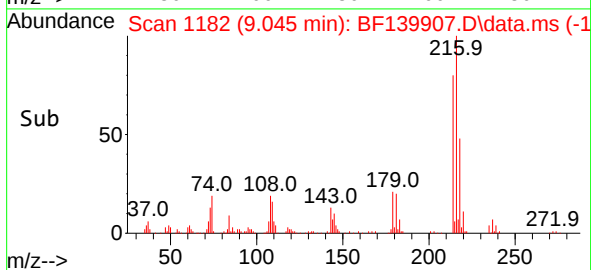
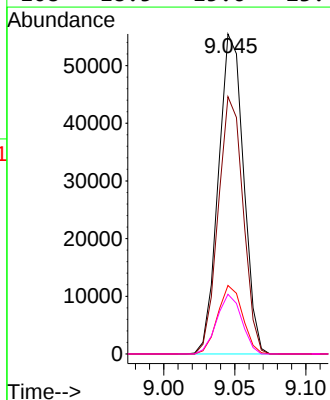
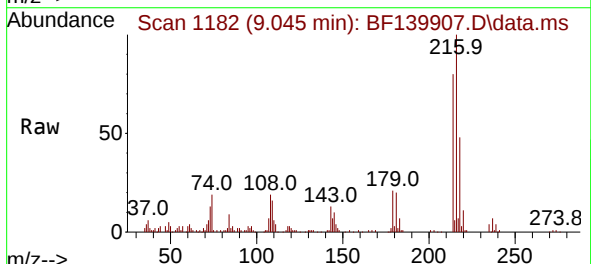
Manual Integrations
APPROVED

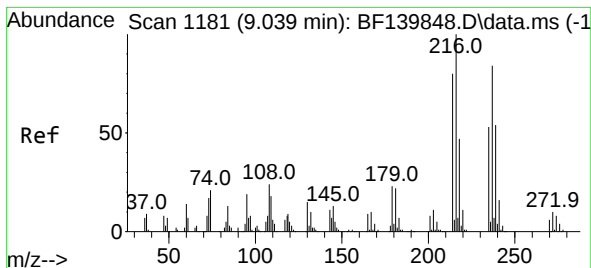
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 11.772 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:216 Resp: 68219
Ion Ratio Lower Upper
216 100
214 79.5 63.4 95.0
179 21.2 17.2 25.8
108 18.5 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 3.768 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

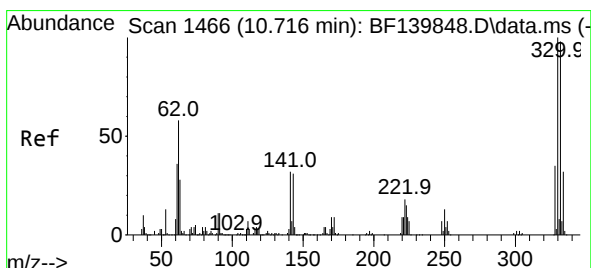
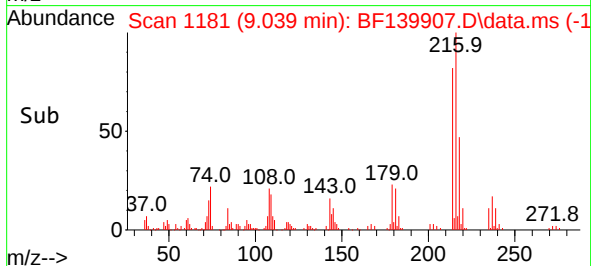
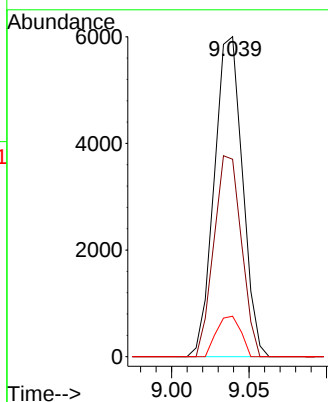
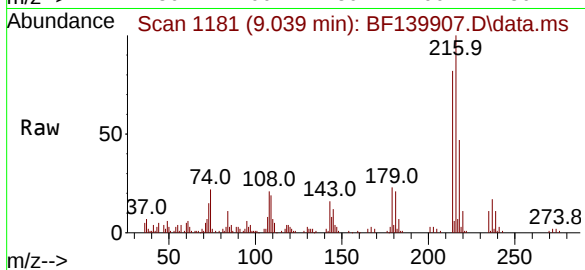
TR-04-101524MSD

Tgt Ion:	237	Resp:	759
Ion Ratio	Lower	Upper	
237	100		
235	61.7	42.9	82.9
272	12.6	0.0	32.3

Manual Integrations

APPROVED

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



#42

2,4,6-Tribromophenol

Concen: 21.976 ng

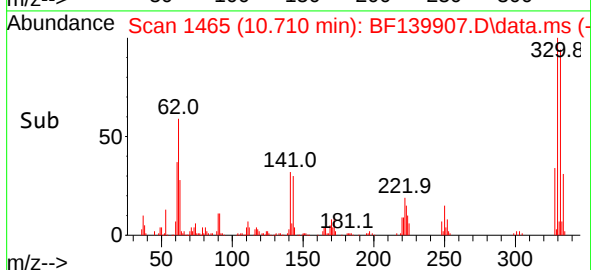
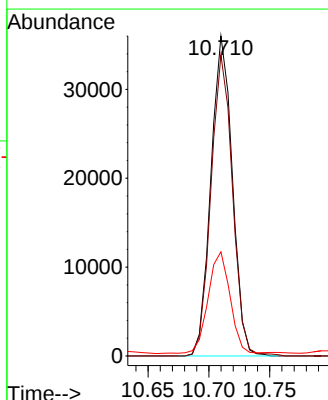
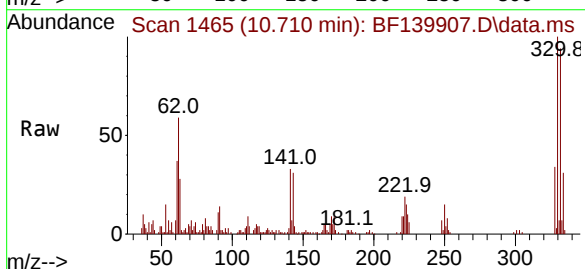
RT: 10.710 min Scan# 1465

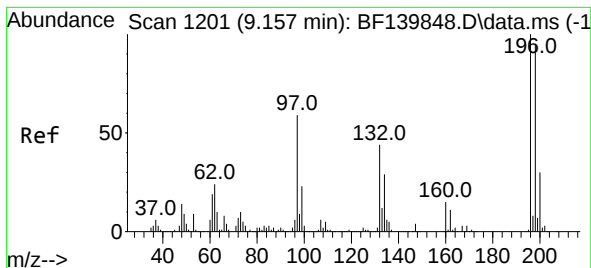
Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:	330	Resp:	44155
Ion Ratio	Lower	Upper	
330	100		
332	94.3	78.1	117.1
141	32.5	26.6	39.8





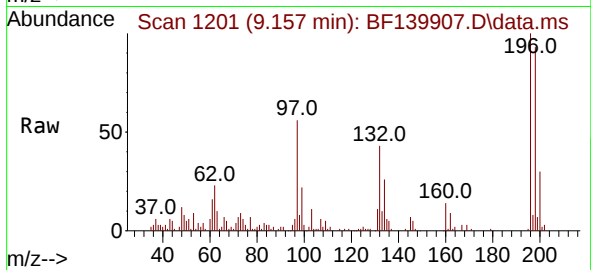
#43
2,4,6-Trichlorophenol
Concen: 11.389 ng
RT: 9.157 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



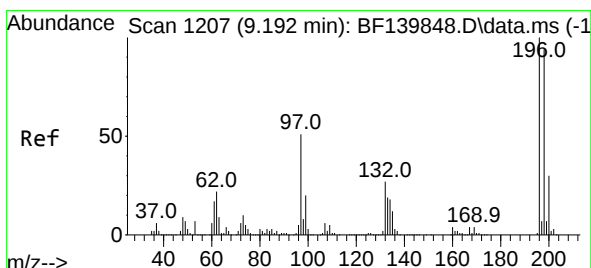
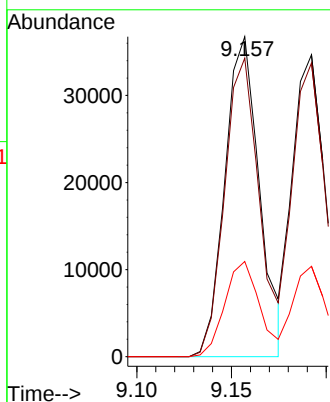
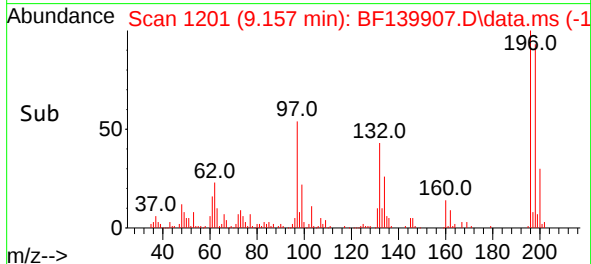
Tgt Ion:196 Resp: 46729
Ion Ratio Lower Upper
196 100
198 93.3 76.2 114.2
200 29.7 24.0 36.0

Manual Integrations

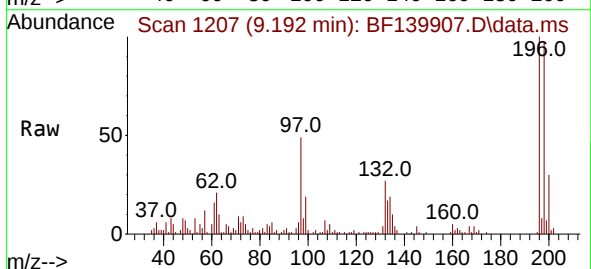
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

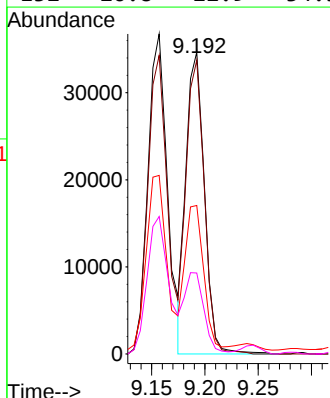
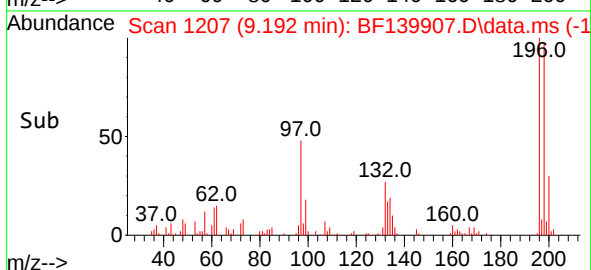
Supervised By :mohammad ahmed 10/23/2024

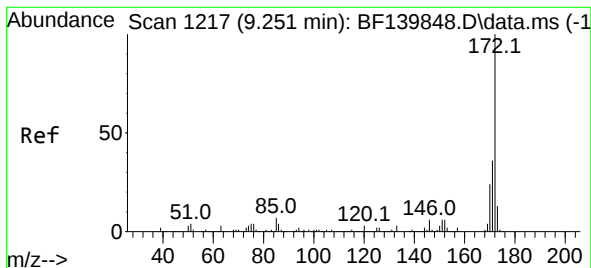


#44
2,4,5-Trichlorophenol
Concen: 9.885 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



Tgt Ion:196 Resp: 41846
Ion Ratio Lower Upper
196 100
198 97.3 75.8 113.6
97 49.2 41.8 62.6
132 26.8 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 20.378 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

Tgt Ion:172 Resp: 26485

Ion Ratio Lower Upper

172 100

171 35.6 28.6 43.0

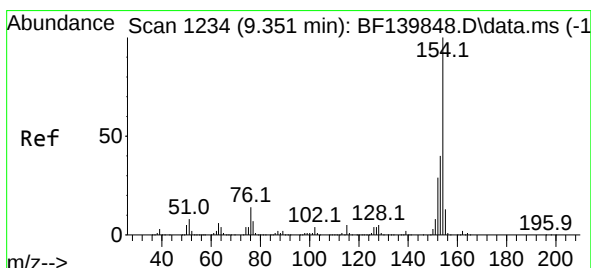
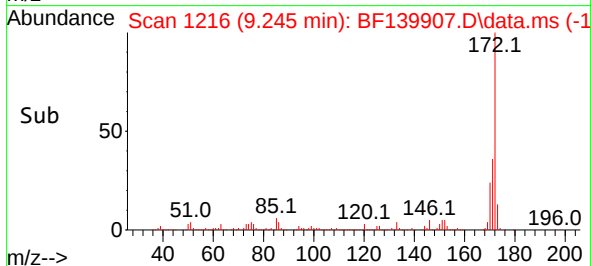
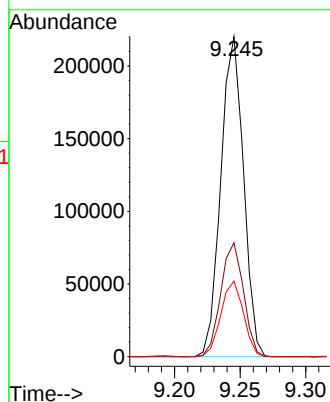
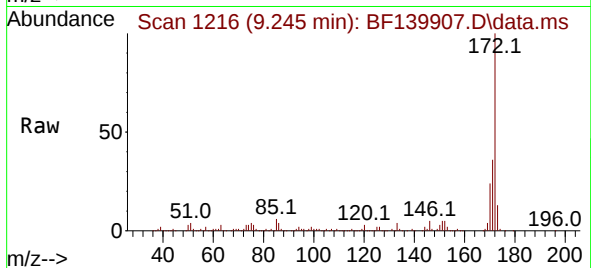
170 23.6 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#46

1,1'-Biphenyl

Concen: 12.334 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

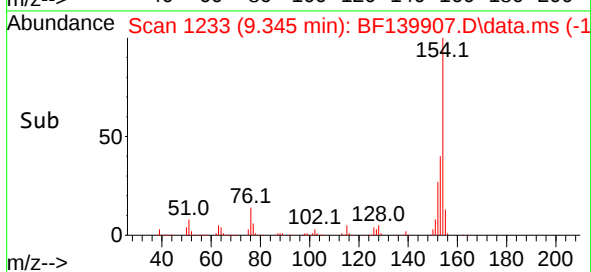
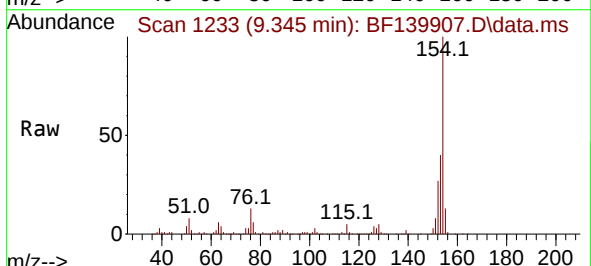
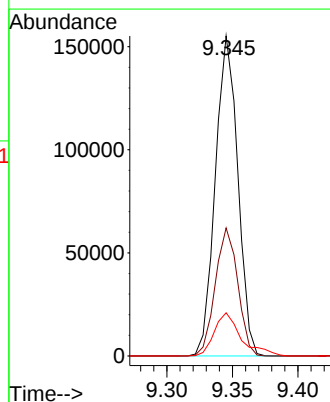
Tgt Ion:154 Resp: 184437

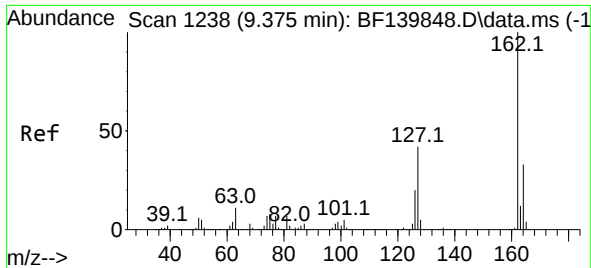
Ion Ratio Lower Upper

154 100

153 40.0 20.3 60.3

76 13.5 0.0 33.9





#47

2-Chloronaphthalene

Concen: 11.351 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF139907.D

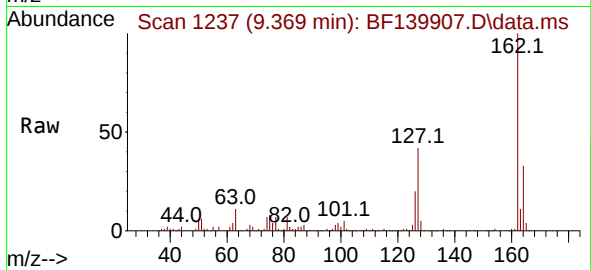
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



Tgt Ion: 162 Resp: 13671

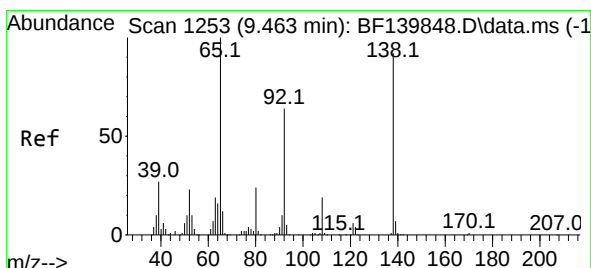
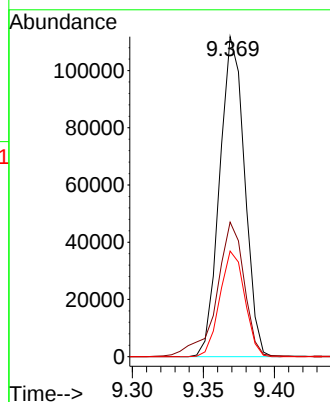
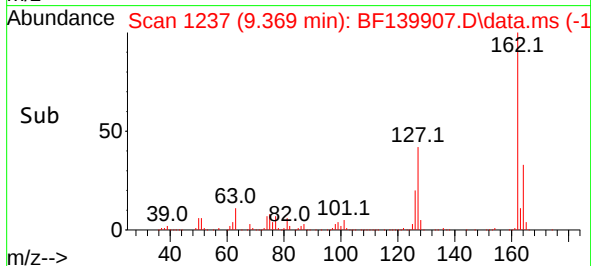
Ion	Ratio	Lower	Upper
162	100		
127	42.1	33.8	50.6
164	33.0	26.6	39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#48

2-Nitroaniline

Concen: 11.288 ng

RT: 9.457 min Scan# 1252

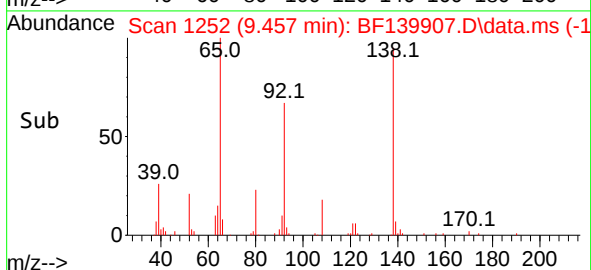
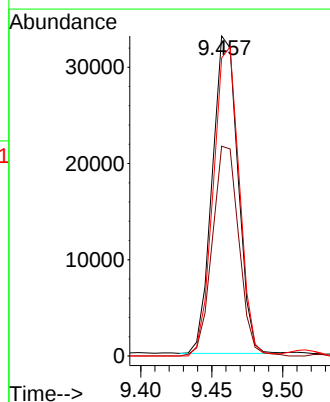
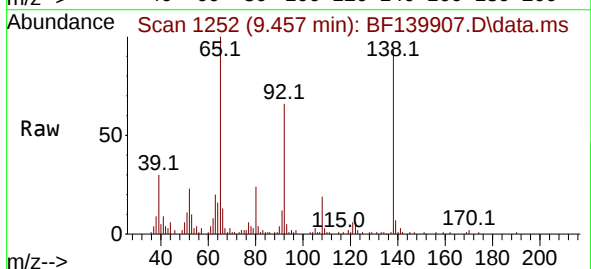
Delta R.T. -0.006 min

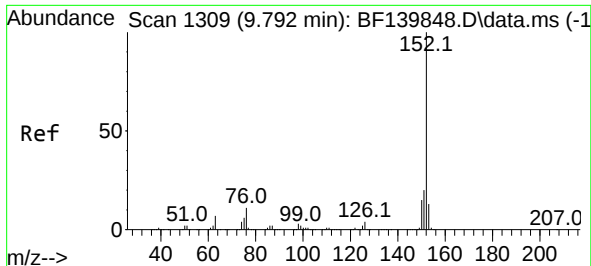
Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion: 65 Resp: 41582

Ion	Ratio	Lower	Upper
65	100		
92	65.6	50.9	76.3
138	93.1	73.4	110.0





#49

Acenaphthylene

Concen: 11.908 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139907.D

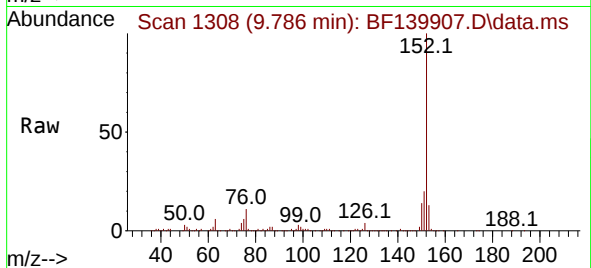
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



Tgt Ion:152 Resp: 207349

Ion Ratio Lower Upper

152 100

151 19.9 15.9 23.9

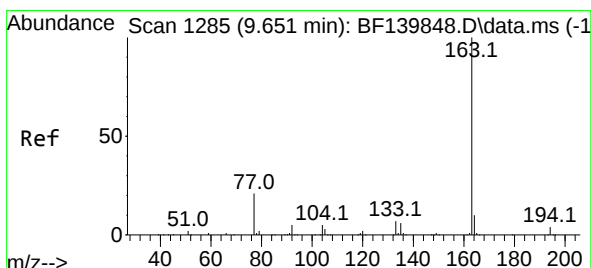
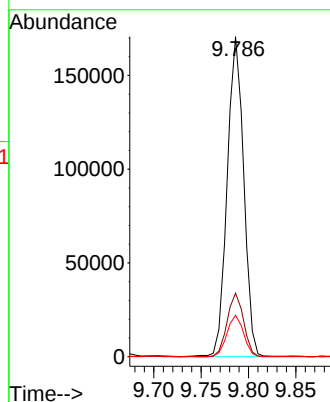
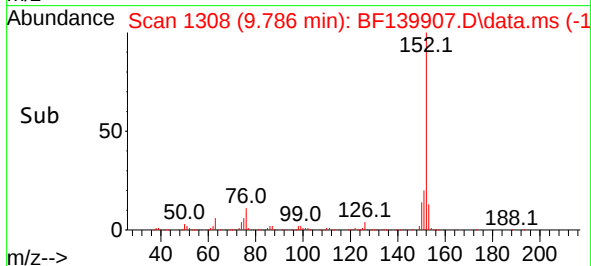
153 13.0 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#50

Dimethylphthalate

Concen: 12.375 ng

RT: 9.639 min Scan# 1283

Delta R.T. -0.012 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

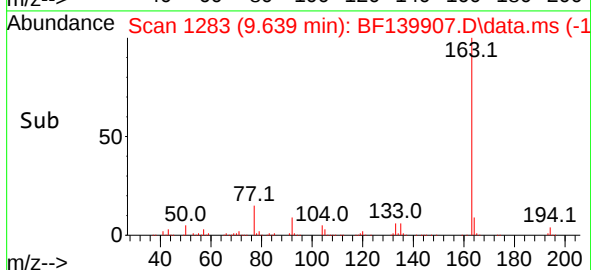
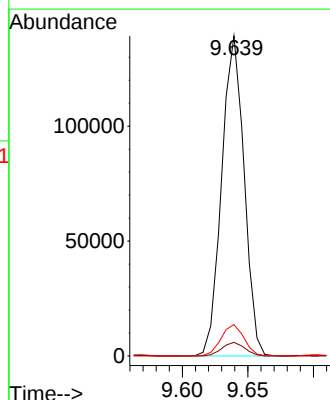
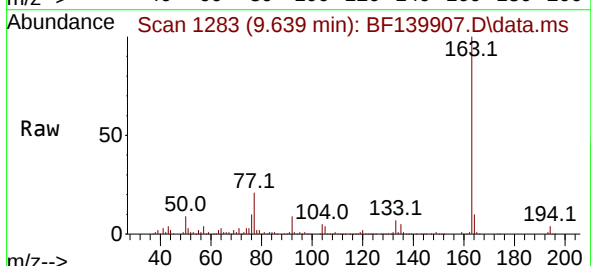
Tgt Ion:163 Resp: 165582

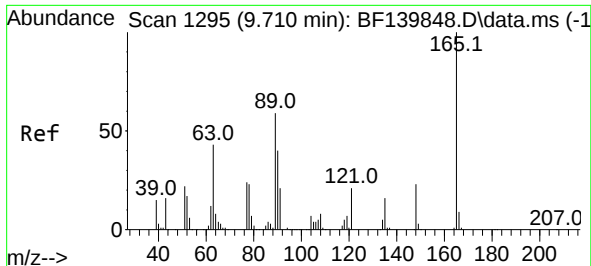
Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.0

164 9.8 8.2 12.2





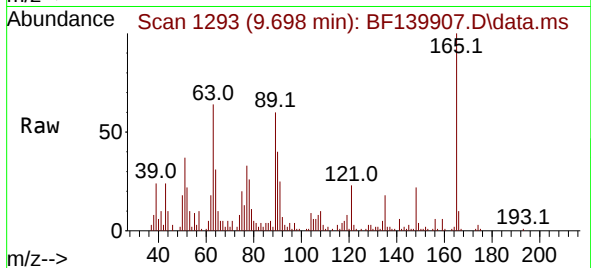
#51
2,6-Dinitrotoluene
Concen: 10.547 ng
RT: 9.698 min Scan# 1295
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

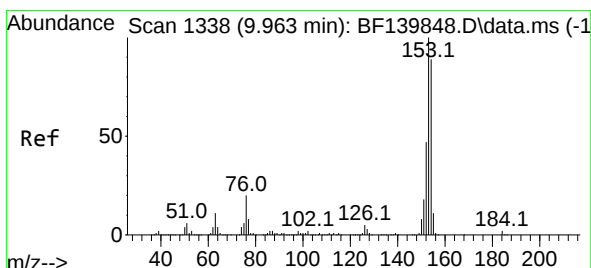
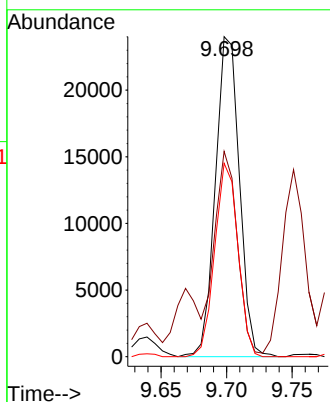
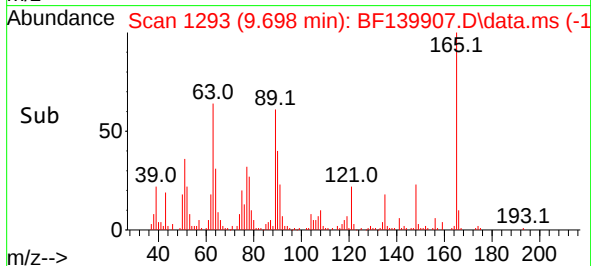


Tgt Ion:165 Resp: 3055
Ion Ratio Lower Upper
165 100
63 64.2 50.6 75.8
89 60.5 47.5 71.3

Manual Integrations

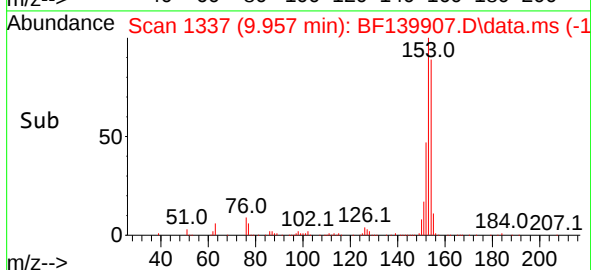
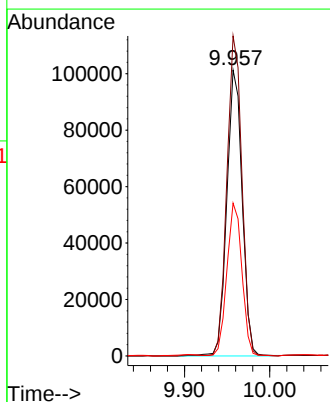
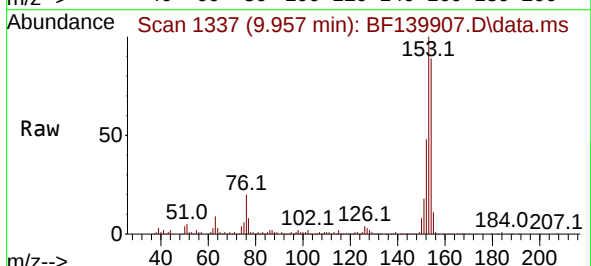
APPROVED

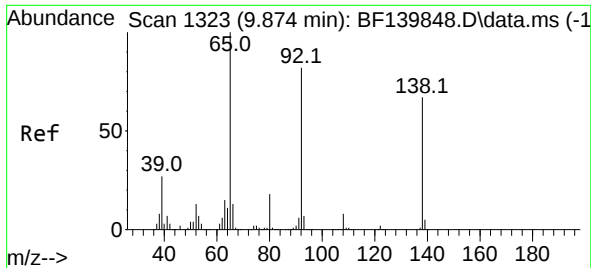
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#52
Acenaphthene
Concen: 11.290 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:154 Resp: 127173
Ion Ratio Lower Upper
154 100
153 111.9 89.8 134.6
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 8.665 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

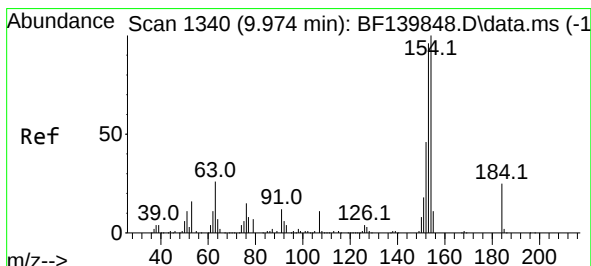
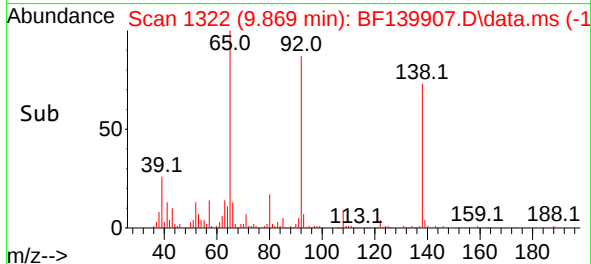
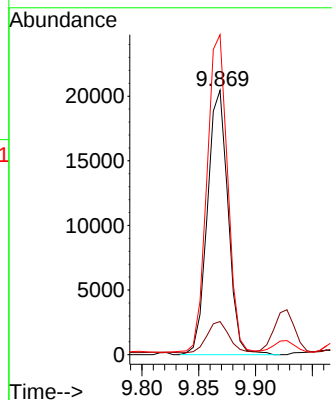
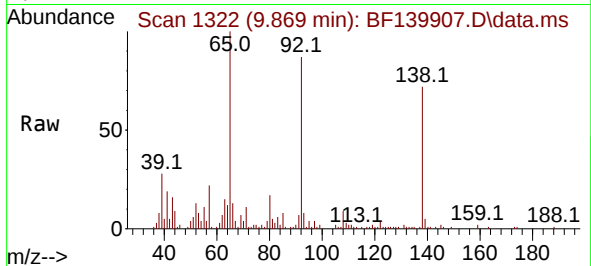
TR-04-101524MSD

Tgt Ion:138 Resp: 2588
Ion Ratio Lower Upper
138 100
108 12.5 10.2 15.2
92 121.1 98.3 147.5

Manual Integrations

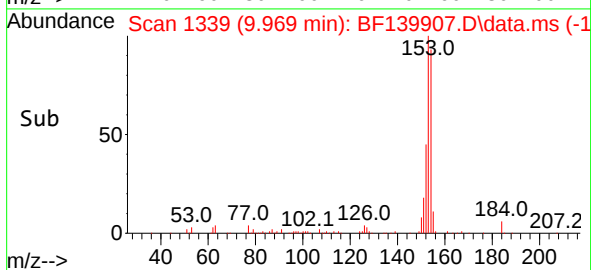
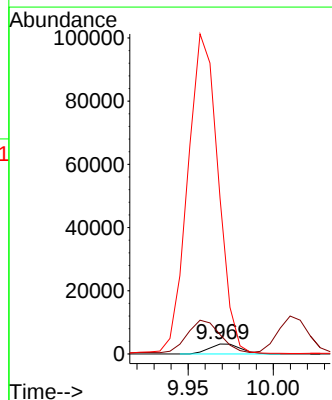
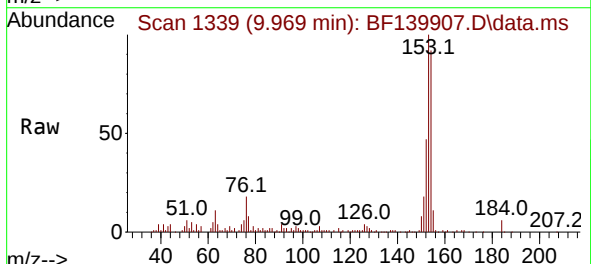
APPROVED

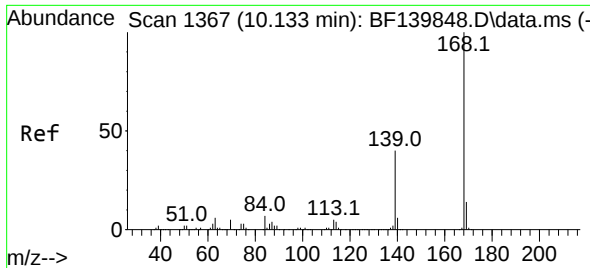
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#54
2,4-Dinitrophenol
Concen: 9.585 ng
RT: 9.969 min Scan# 1339
Delta R.T. -0.005 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

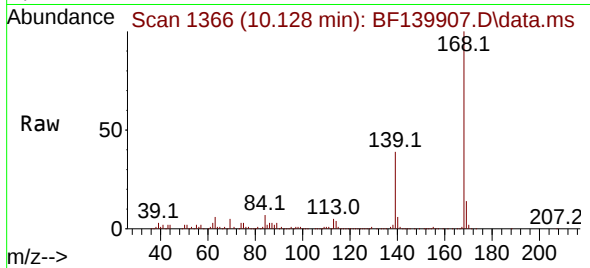
Tgt Ion:184 Resp: 4007
Ion Ratio Lower Upper
184 100
63 195.6 84.7 127.1#
154 1576.2 338.2 507.2#





#55
Dibenzofuran
Concen: 11.213 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

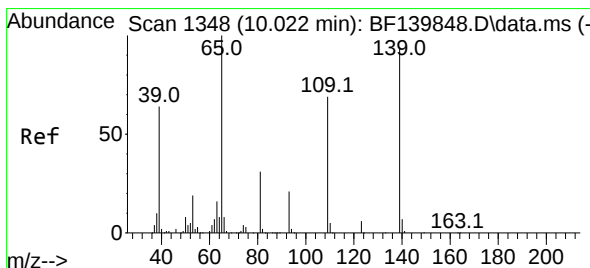
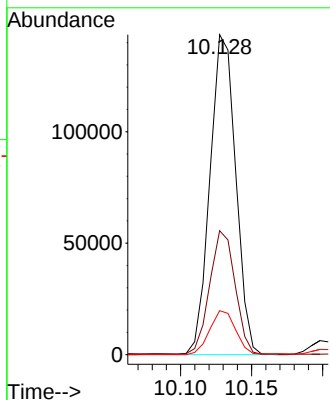
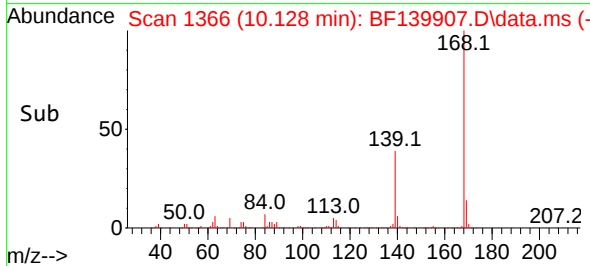
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:168 Resp: 181204
Ion Ratio Lower Upper
168 100
139 38.8 31.8 47.6
169 13.7 11.6 17.4

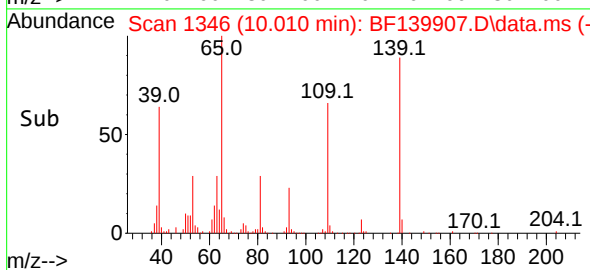
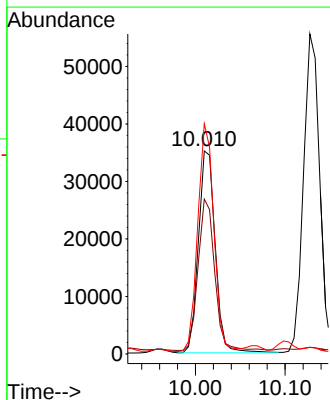
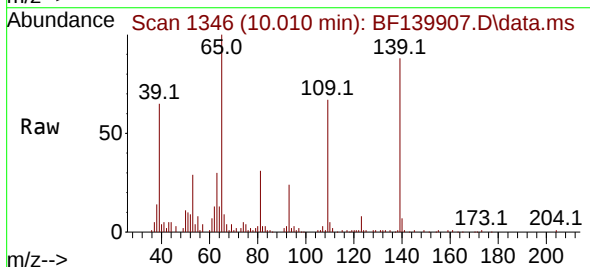
Manual Integrations
APPROVED

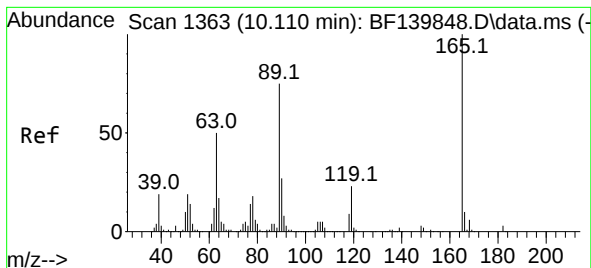
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#56
4-Nitrophenol
Concen: 19.898 ng
RT: 10.010 min Scan# 1346
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:139 Resp: 45734
Ion Ratio Lower Upper
139 100
109 76.2 53.6 93.6
65 113.4 87.8 127.8





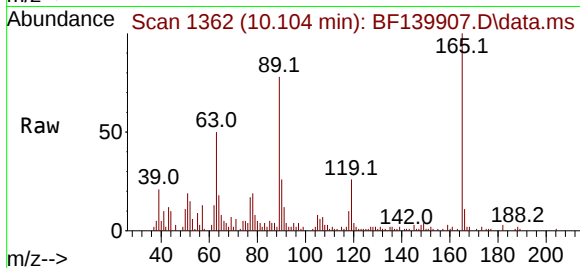
#57
2,4-Dinitrotoluene
Concen: 9.418 ng
RT: 10.104 min Scan# 1363
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

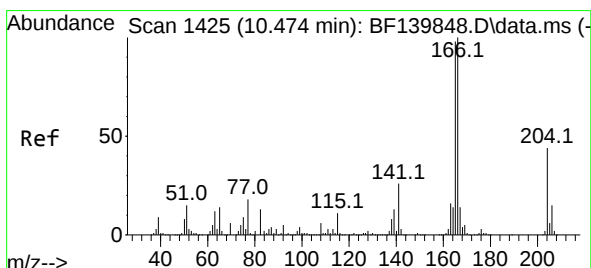
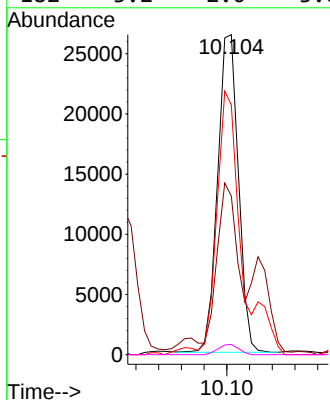
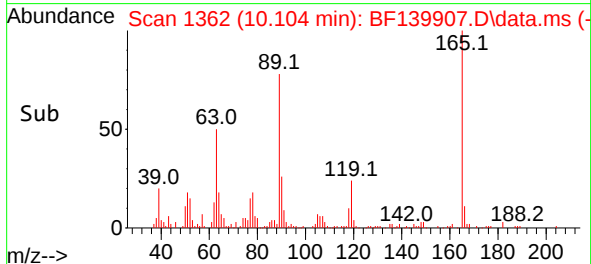
TR-04-101524MSD



Tgt Ion:165 Resp: 33554
Ion Ratio Lower Upper
165 100
63 49.5 40.1 60.1
89 78.0 60.4 90.6
182 3.2 2.0 3.0#

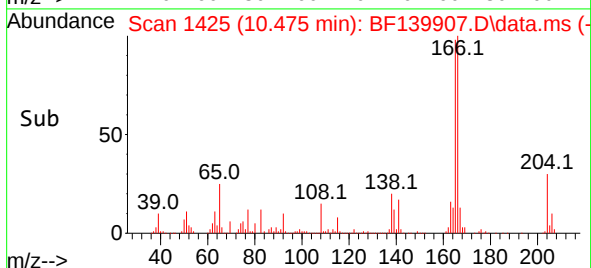
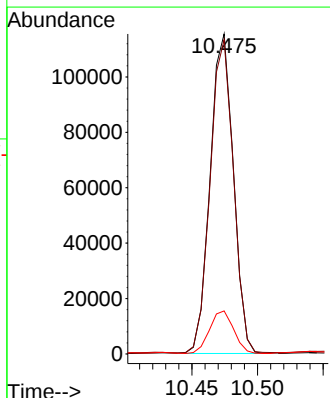
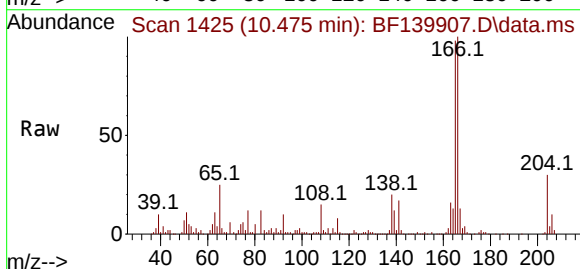
Manual Integrations
APPROVED

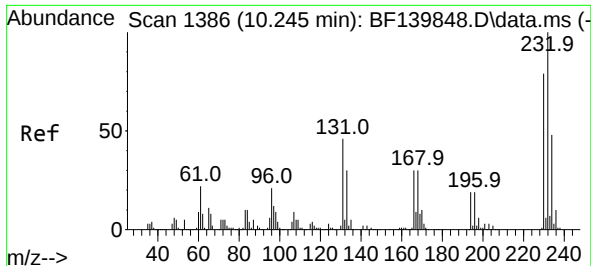
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#58
Fluorene
Concen: 11.540 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

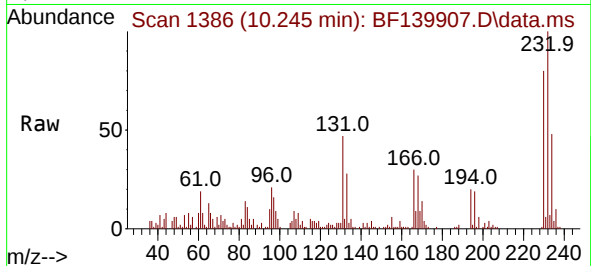
Tgt Ion:166 Resp: 142042
Ion Ratio Lower Upper
166 100
165 98.2 78.5 117.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 10.177 ng
RT: 10.245 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

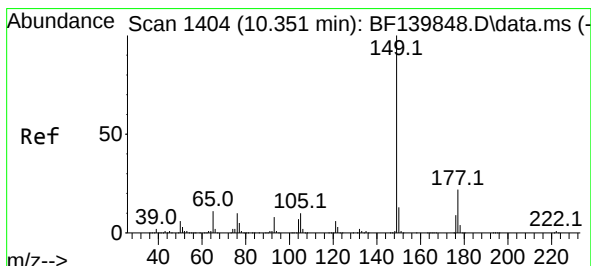
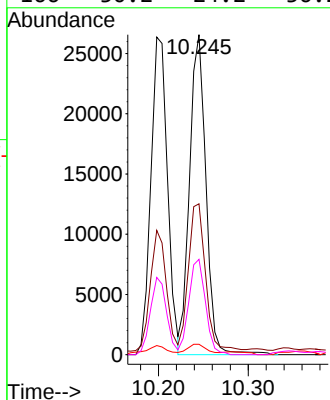
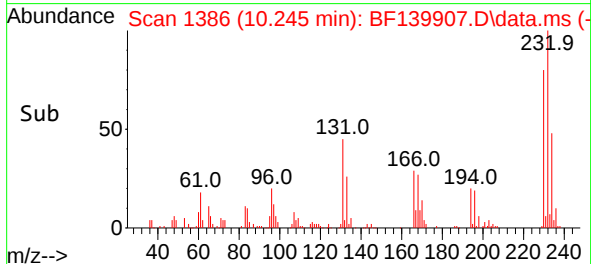
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:232 Resp: 3377
Ion Ratio Lower Upper
232 100
131 46.7 37.0 55.6
130 3.4 1.9 2.9
166 30.2 24.2 36.2

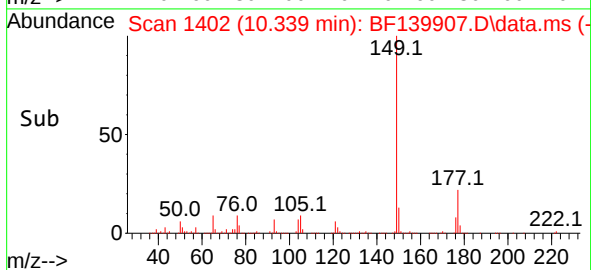
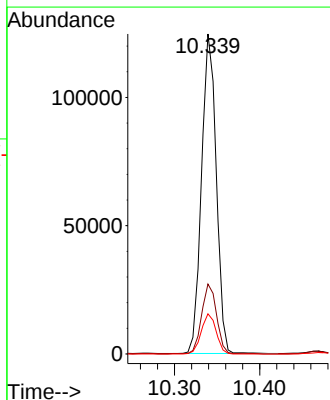
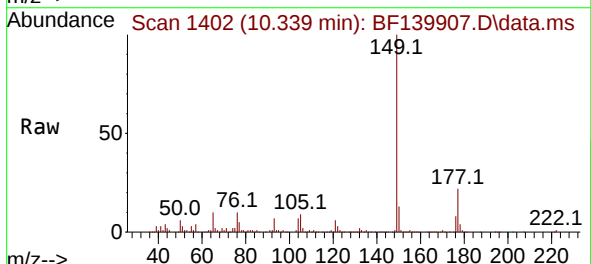
Manual Integrations
APPROVED

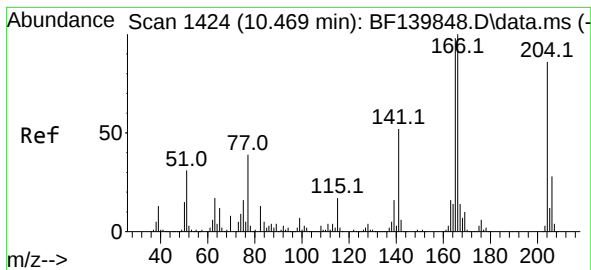
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#60
Diethylphthalate
Concen: 11.381 ng
RT: 10.339 min Scan# 1402
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

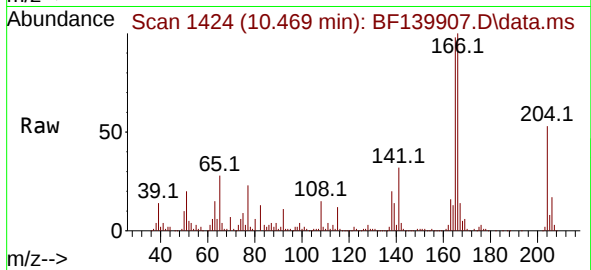
Tgt Ion:149 Resp: 149515
Ion Ratio Lower Upper
149 100
177 21.8 17.9 26.9
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 10.971 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

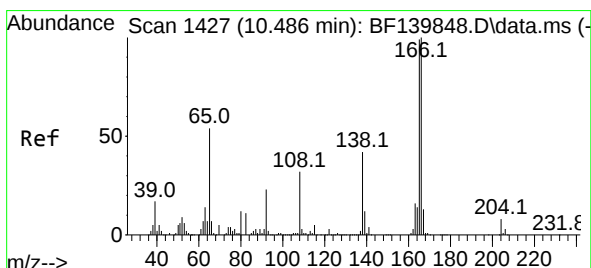
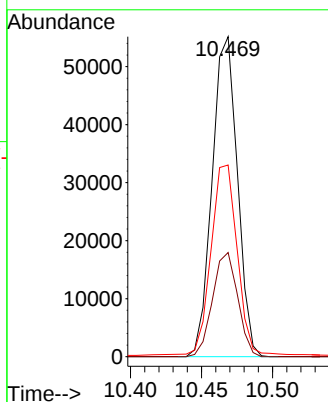
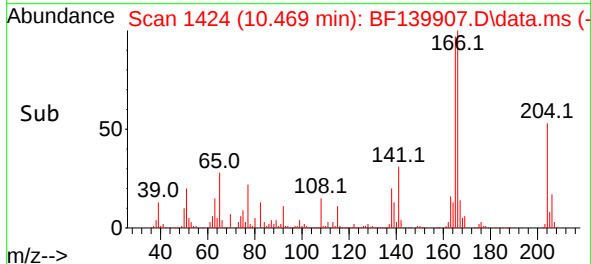
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



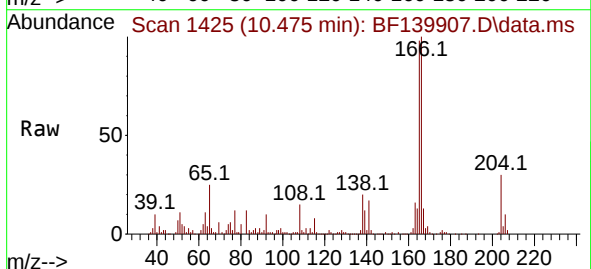
Tgt Ion:204 Resp: 6819
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 59.9 48.6 73.0

Manual Integrations
APPROVED

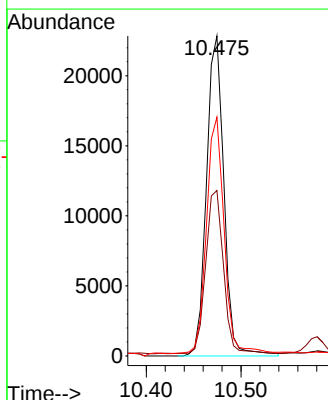
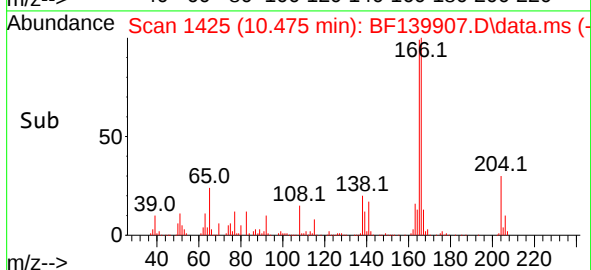
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

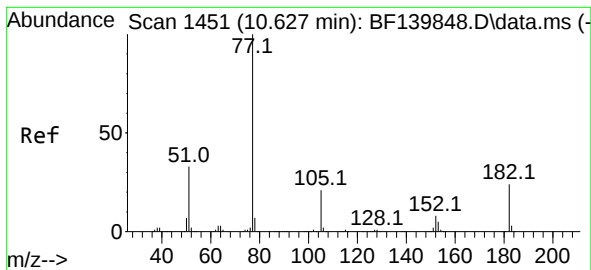


#62
4-Nitroaniline
Concen: 10.353 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



Tgt Ion:138 Resp: 29212
Ion Ratio Lower Upper
138 100
92 51.7 35.7 75.7
108 74.6 57.5 97.5





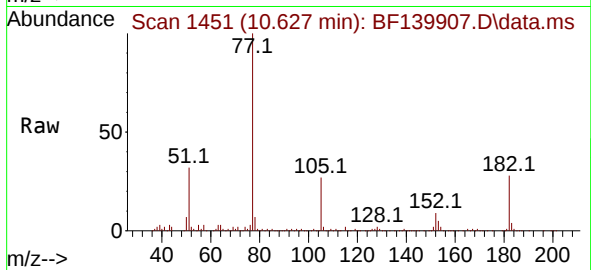
#63
Azobenzene
Concen: 10.662 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD



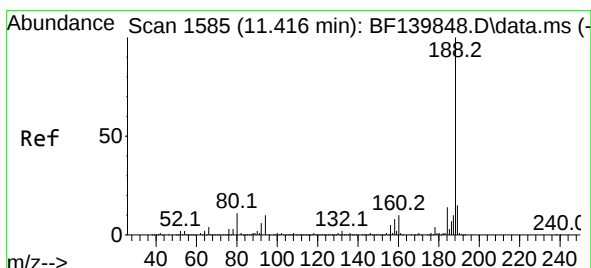
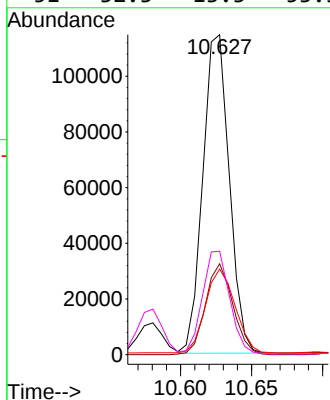
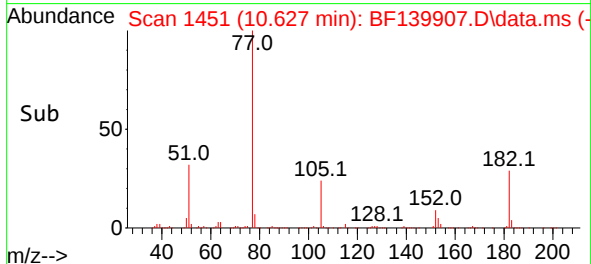
Tgt Ion: 77 Resp: 14850
Ion Ratio Lower Upper
77 100
182 28.4 3.3 43.3
105 26.7 1.2 41.2
51 32.3 13.3 53.3

Manual Integrations

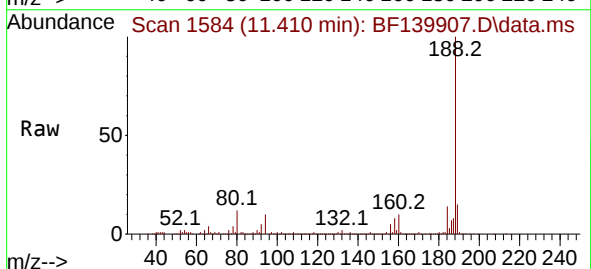
APPROVED

Reviewed By :Yogesh Patel 10/22/2024

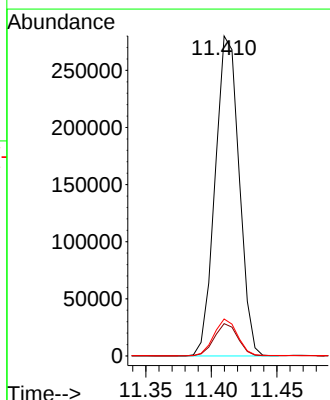
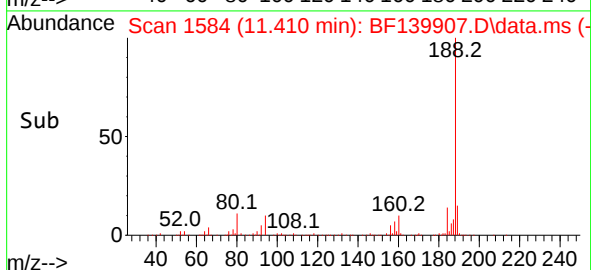
Supervised By :mohammad ahmed 10/23/2024

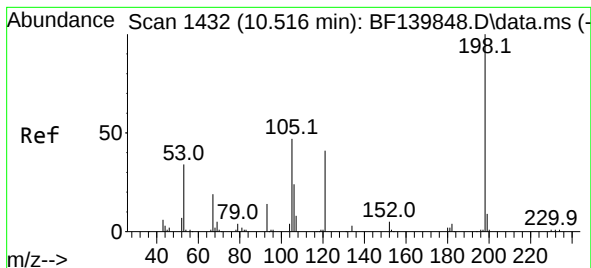


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1584
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



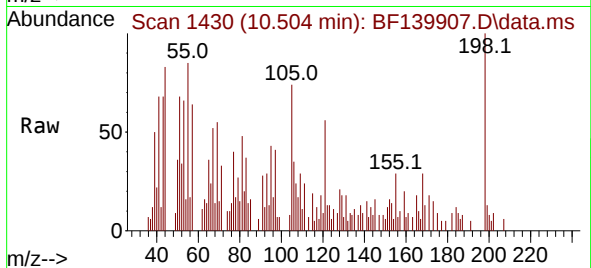
Tgt Ion:188 Resp: 356502
Ion Ratio Lower Upper
188 100
94 10.1 7.9 11.9
80 11.5 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 2.687 ng
RT: 10.504 min Scan# 1432
Delta R.T. -0.012 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

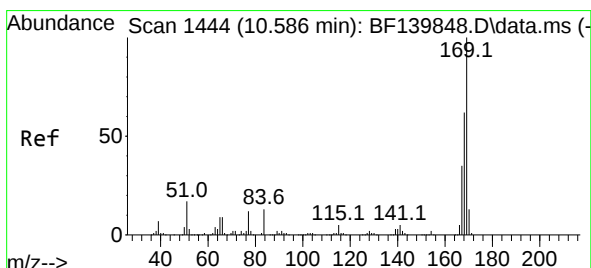
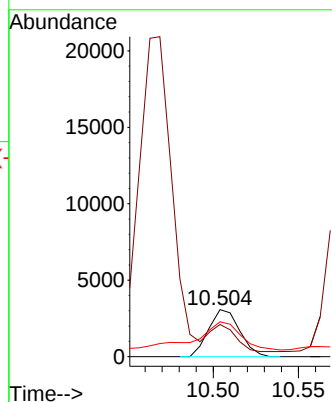
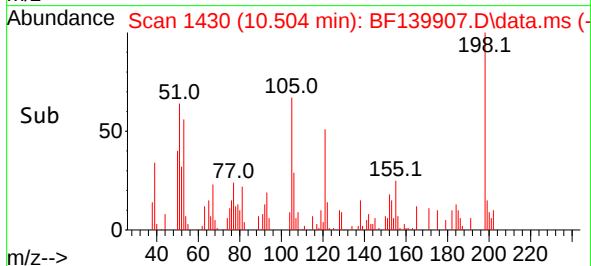
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:198 Resp: 3908
Ion Ratio Lower Upper
198 100
51 68.4 38.2 78.2
105 74.3 27.9 67.9

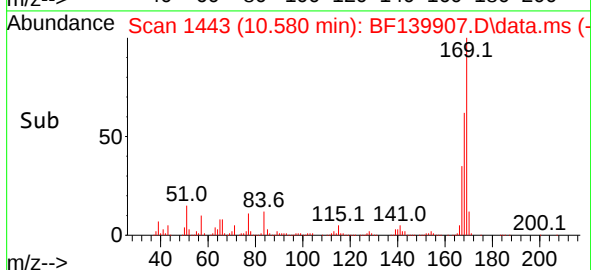
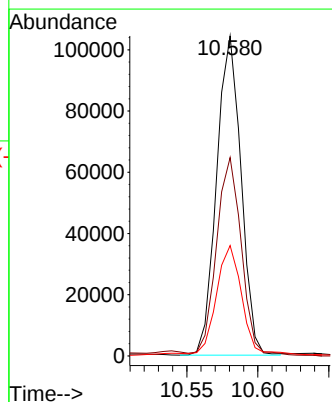
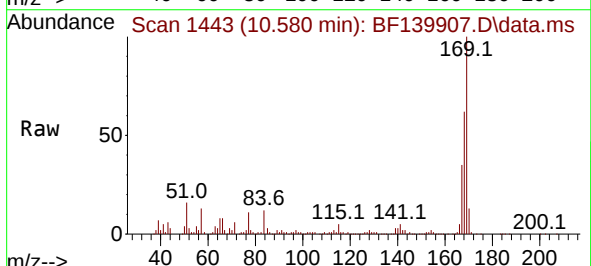
Manual Integrations
APPROVED

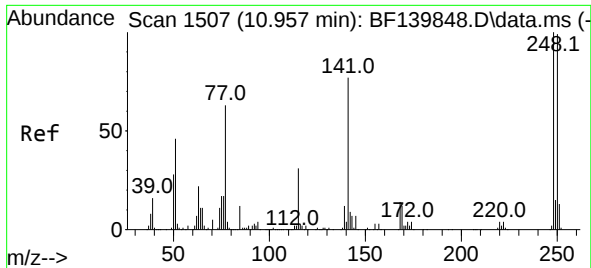
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#66
n-Nitrosodiphenylamine
Concen: 11.692 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:169 Resp: 124755
Ion Ratio Lower Upper
169 100
168 62.0 49.8 74.6
167 34.5 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 11.014 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

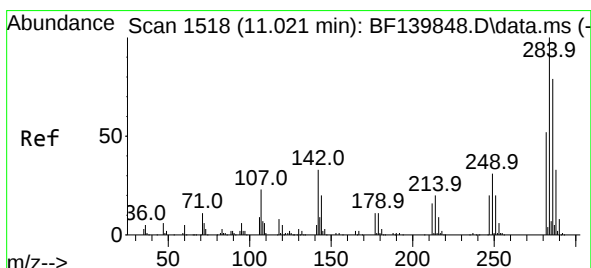
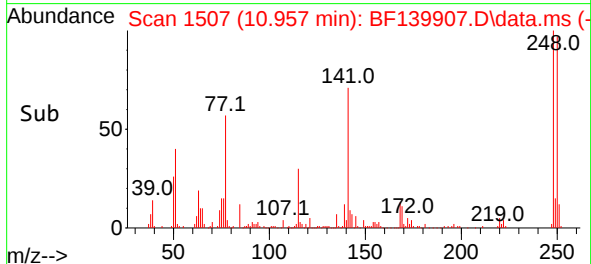
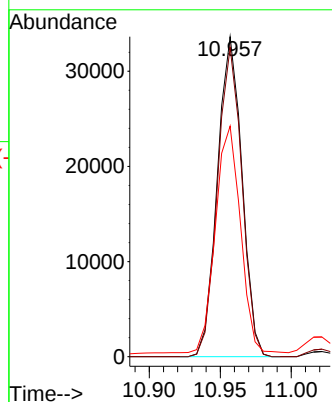
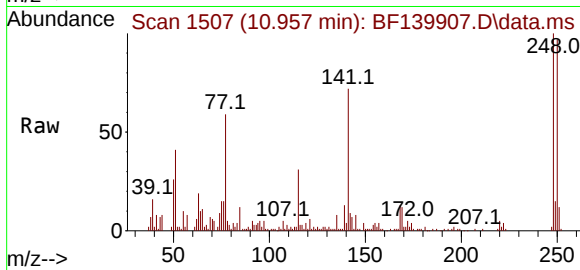
TR-04-101524MSD

Tgt Ion:248 Resp: 40450
Ion Ratio Lower Upper
248 100
250 96.7 79.0 118.6
141 72.1 61.7 92.5

Manual Integrations

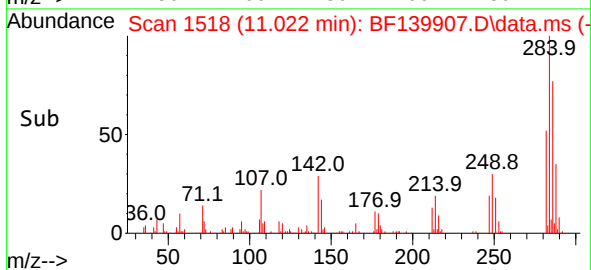
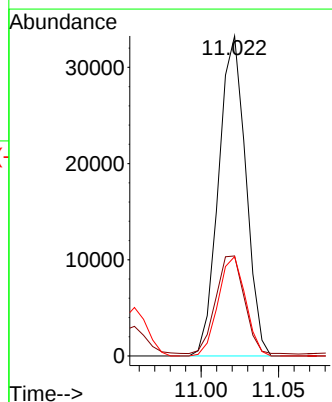
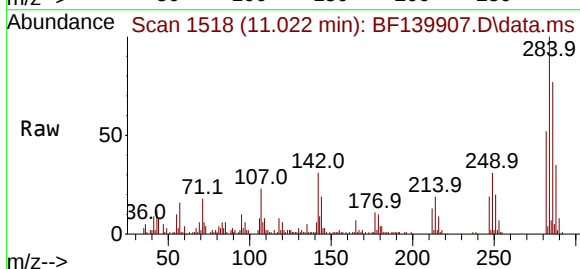
APPROVED

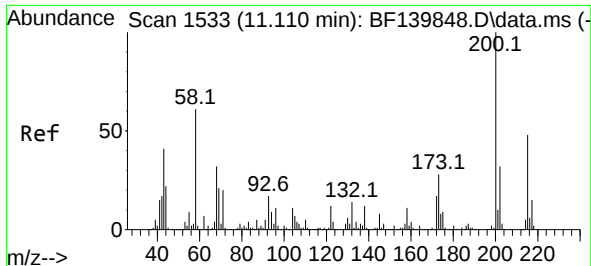
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#68
Hexachlorobenzene
Concen: 9.811 ng
RT: 11.022 min Scan# 1518
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

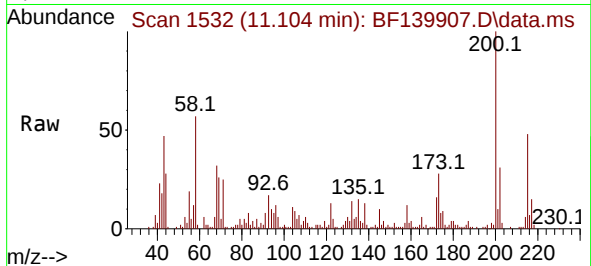
Tgt Ion:284 Resp: 40525
Ion Ratio Lower Upper
284 100
142 31.2 26.9 40.3
249 31.0 25.3 37.9





#69
 Atrazine
 Concen: 13.598 ng
 RT: 11.104 min Scan# 1532
 Delta R.T. -0.006 min
 Lab File: BF139907.D
 Acq: 21 Oct 2024 17:11

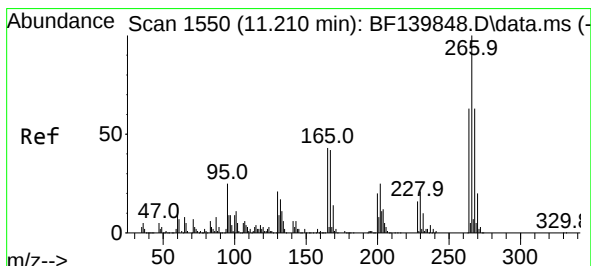
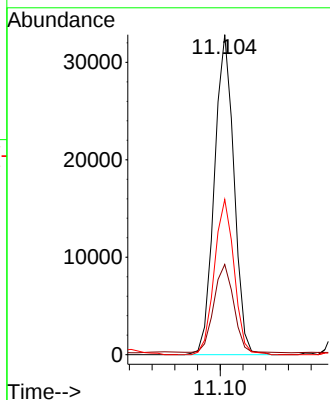
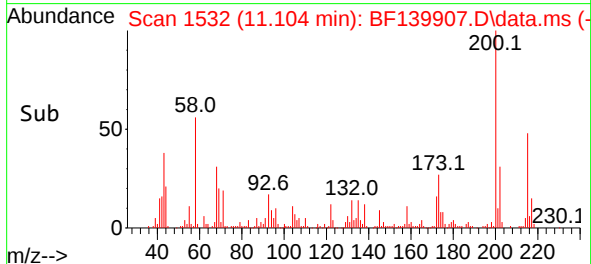
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MSD



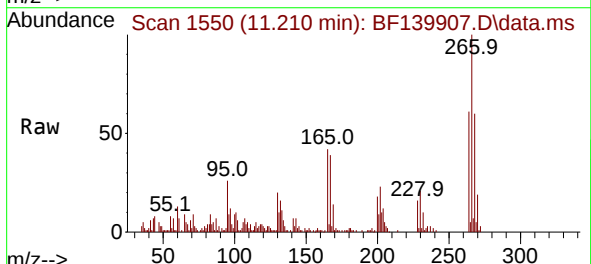
Tgt Ion:200 Resp: 39302
 Ion Ratio Lower Upper
 200 100
 173 28.2 7.7 47.7
 215 48.5 27.7 67.7

Manual Integrations
 APPROVED

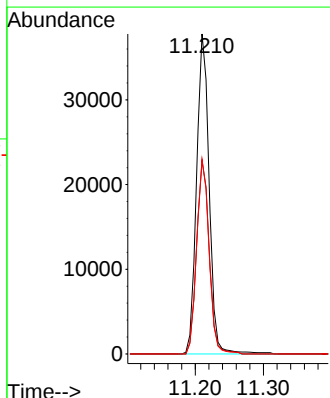
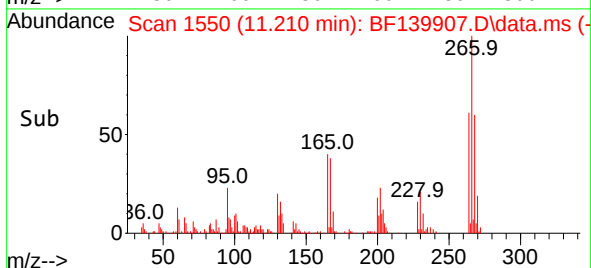
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

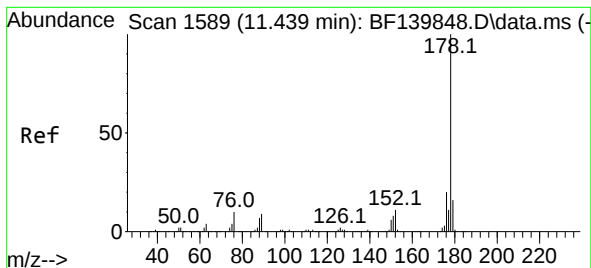


#70
 Pentachlorophenol
 Concen: 19.247 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. 0.000 min
 Lab File: BF139907.D
 Acq: 21 Oct 2024 17:11



Tgt Ion:266 Resp: 48249
 Ion Ratio Lower Upper
 266 100
 268 60.4 50.4 75.6
 264 60.8 50.6 75.8





#71

Phenanthrene

Concen: 13.865 ng

RT: 11.433 min Scan# 1589

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

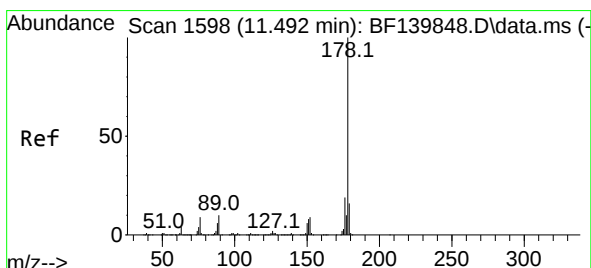
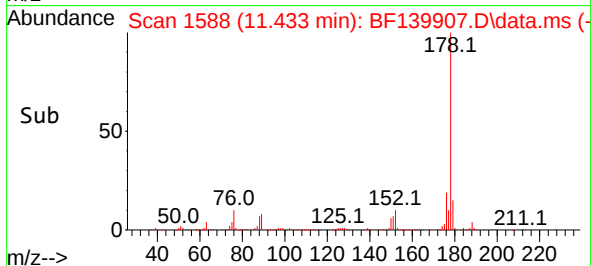
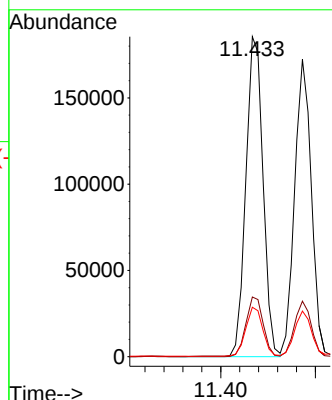
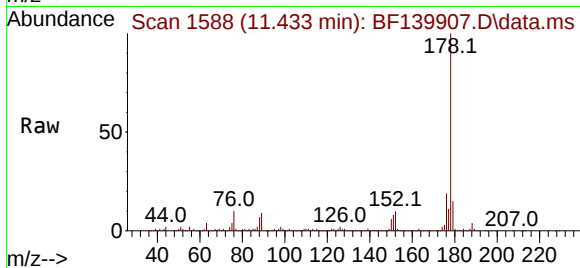
TR-04-101524MSD

Tgt Ion:178 Resp: 233480
 Ion Ratio Lower Upper
 178 100
 176 18.6 15.8 23.6
 179 15.4 12.6 18.8

Manual Integrations

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



#72

Anthracene

Concen: 12.725 ng

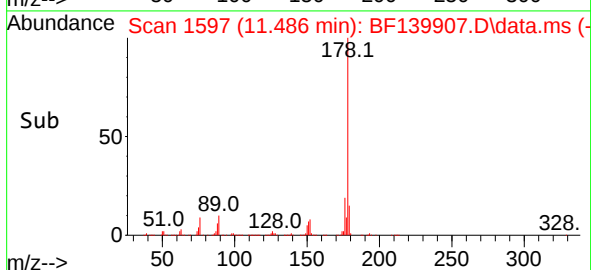
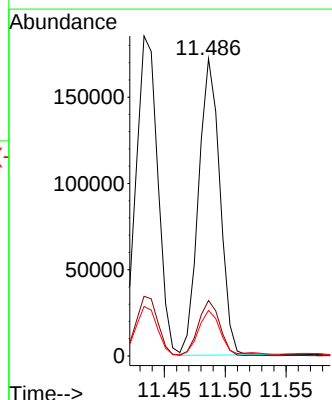
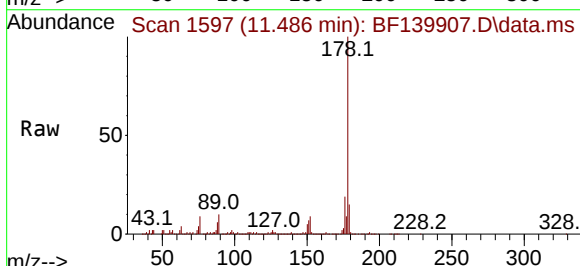
RT: 11.486 min Scan# 1597

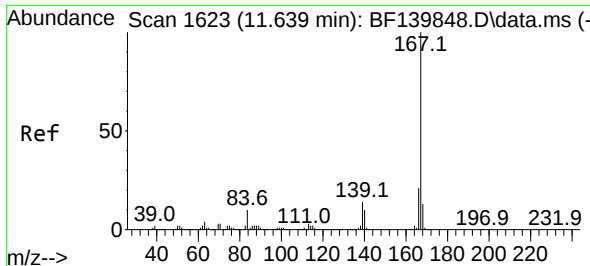
Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

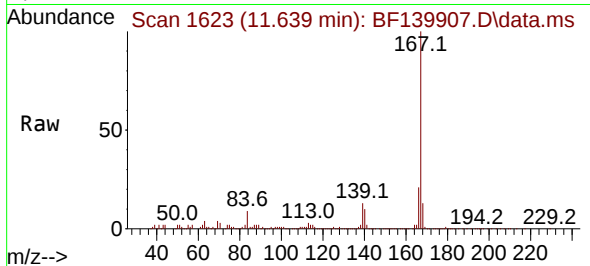
Tgt Ion:178 Resp: 209077
 Ion Ratio Lower Upper
 178 100
 176 18.7 15.3 22.9
 179 15.3 12.4 18.6





#73
 Carbazole
 Concen: 11.962 ng
 RT: 11.639 min Scan# 1623
 Delta R.T. 0.000 min
 Lab File: BF139907.D
 Acq: 21 Oct 2024 17:11

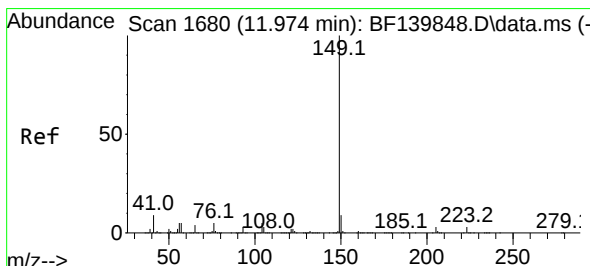
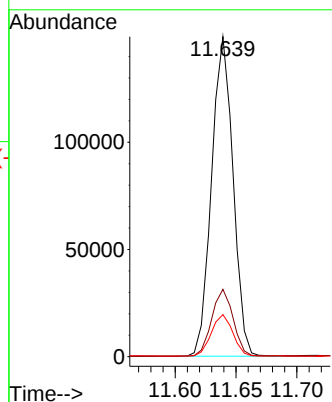
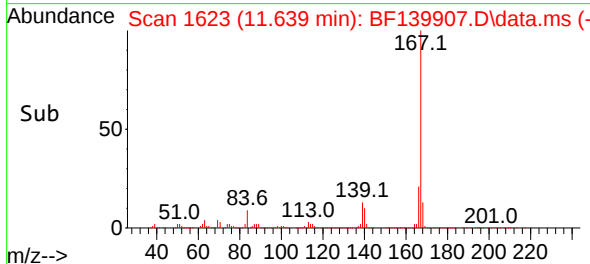
Instrument :
 BNA_F
 ClientSampleId :
 TR-04-101524MSD



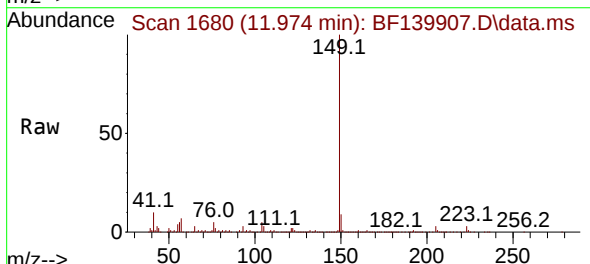
Tgt Ion:167 Resp: 182785
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.6
 139 13.2 10.8 16.2

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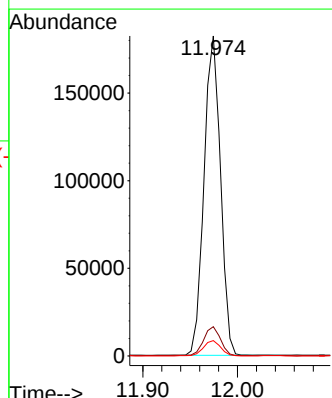
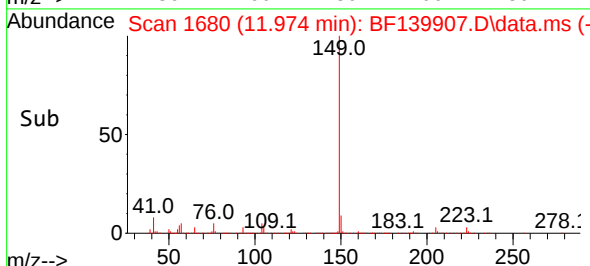
Reviewed By :Yogesh Patel 10/22/2024
 Supervised By :mohammad ahmed 10/23/2024

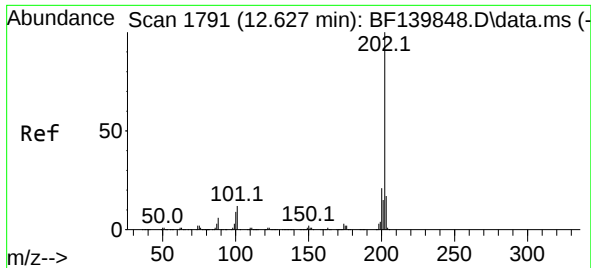


#74
 Di-n-butylphthalate
 Concen: 12.476 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF139907.D
 Acq: 21 Oct 2024 17:11



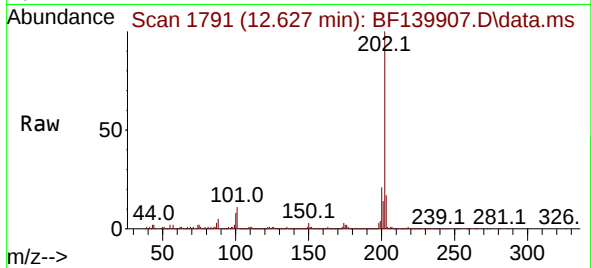
Tgt Ion:149 Resp: 220259
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.8 4.1 6.1





#75
Fluoranthene
Concen: 16.514 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

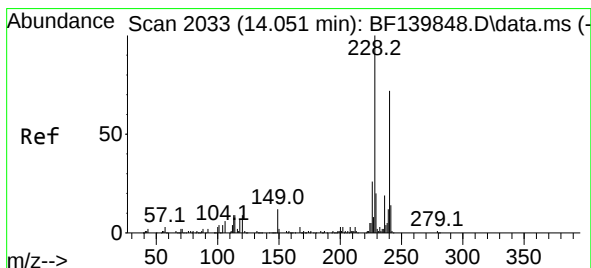
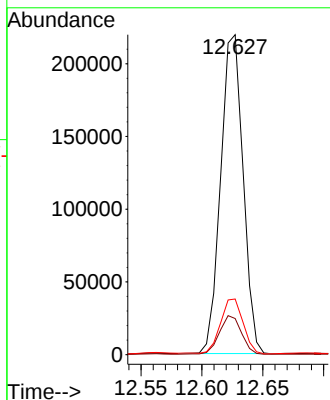
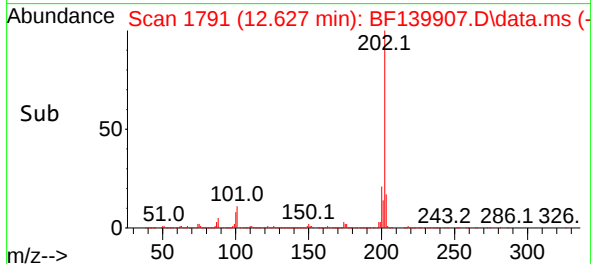
Instrument :
BNA_F
ClientSampleId :
TR-04-101524MSD



Tgt Ion:202 Resp: 281135
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.9
203 17.4 0.0 37.5

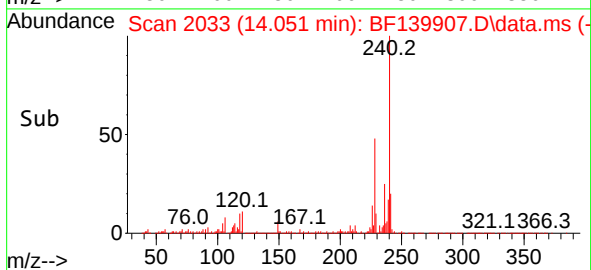
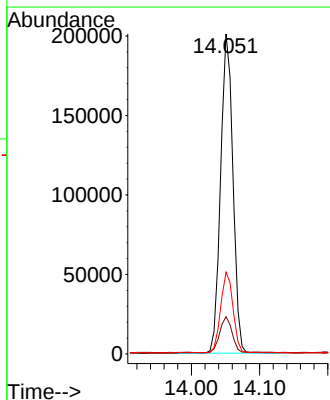
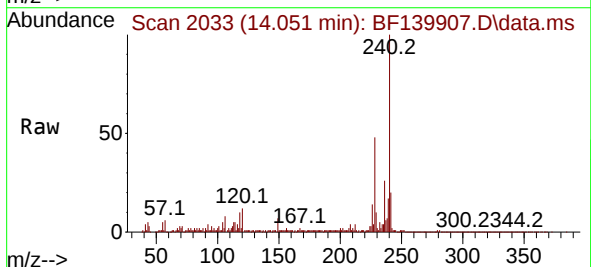
Manual Integrations
APPROVED

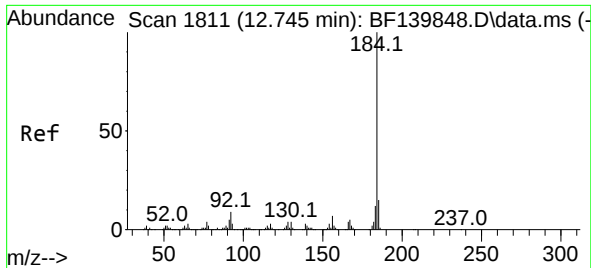
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Tgt Ion:240 Resp: 252741
Ion Ratio Lower Upper
240 100
120 11.7 9.4 14.2
236 25.6 20.9 31.3





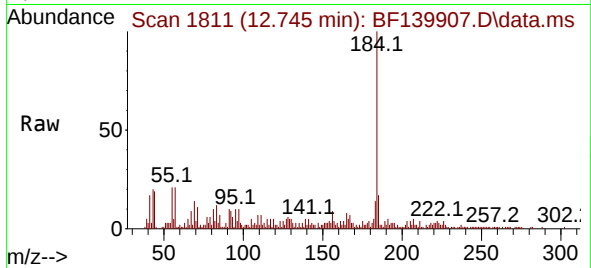
#77
Benzidine
Concen: 7.878 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

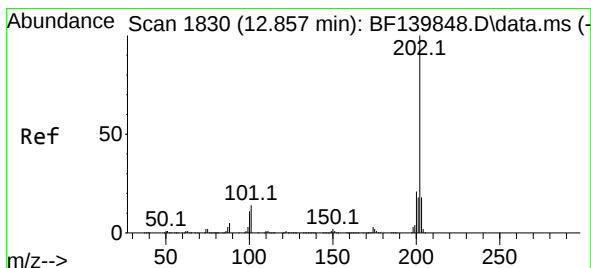
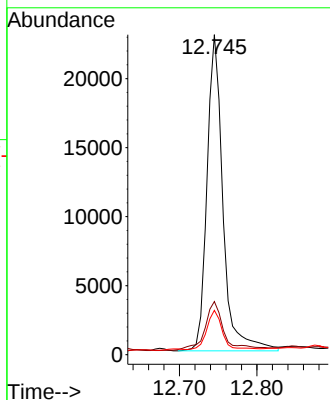
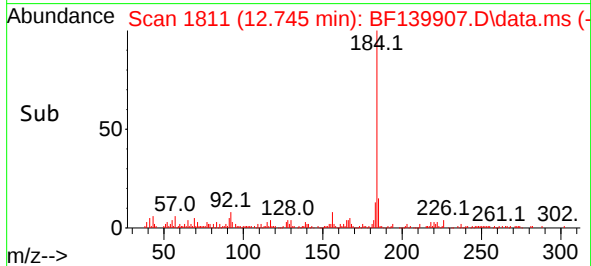
TR-04-101524MSD



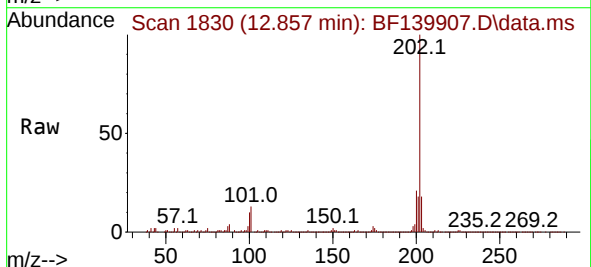
Tgt Ion:184 Resp: 32740
Ion Ratio Lower Upper
184 100
185 16.6 12.0 18.0
183 13.8 9.4 14.2

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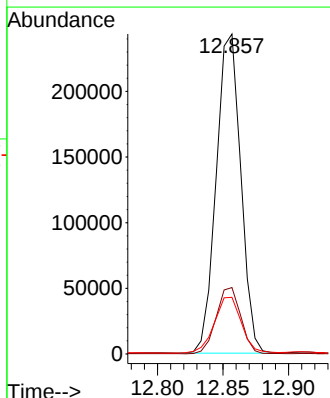
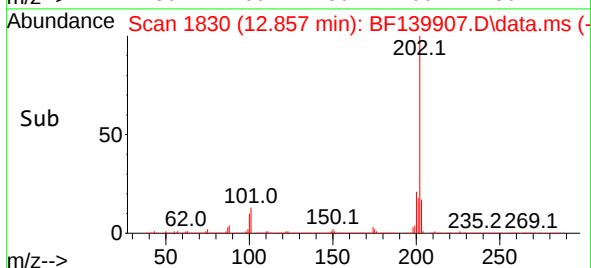
Reviewed By :Yogesh Patel 10/22/2024
Supervised By :mohammad ahmed 10/23/2024

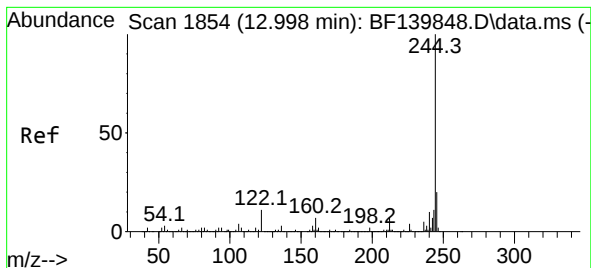


#78
Pyrene
Concen: 14.325 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139907.D
Acq: 21 Oct 2024 17:11



Tgt Ion:202 Resp: 316907
Ion Ratio Lower Upper
202 100
200 20.8 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 17.171 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

Tgt Ion:244 Resp: 26633

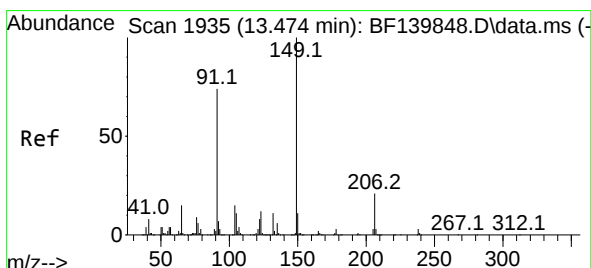
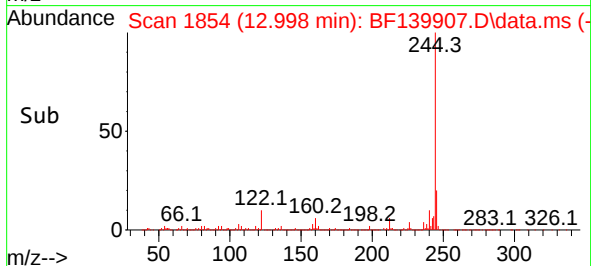
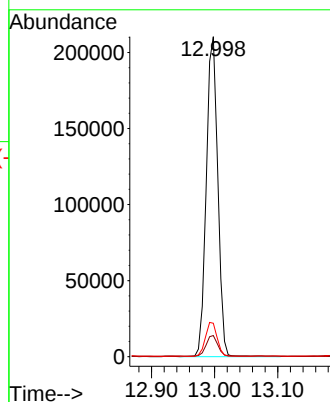
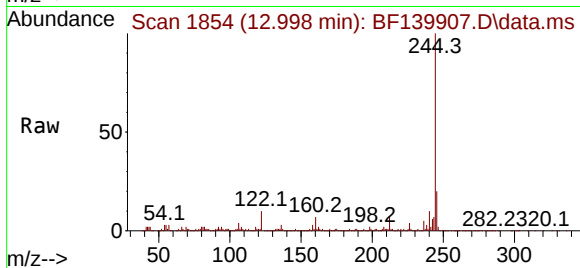
Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.7	8.5
122	10.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#80

Butylbenzylphthalate

Concen: 13.653 ng

RT: 13.474 min Scan# 1935

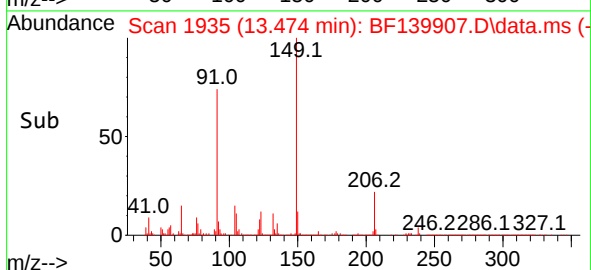
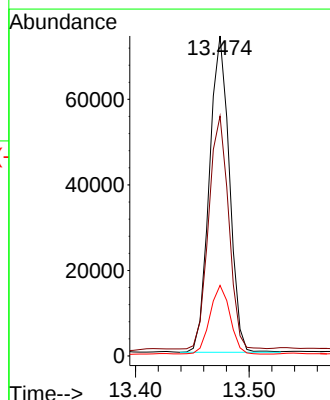
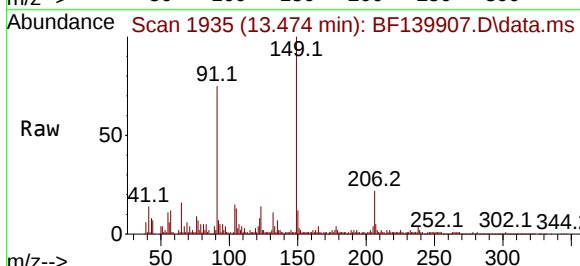
Delta R.T. 0.000 min

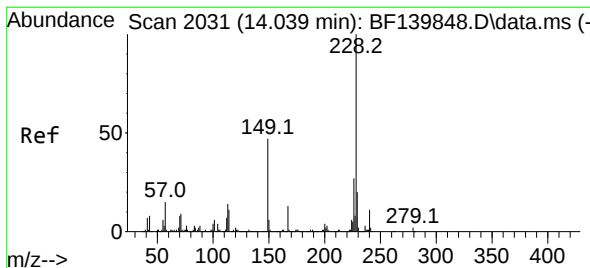
Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:149 Resp: 90552

Ion	Ratio	Lower	Upper
149	100		
91	74.9	59.4	89.2
206	22.0	16.4	24.6





#81

Benzo(a)anthracene

Concen: 13.841 ng

RT: 14.039 min Scan# 2031

Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNF

ClientSampleId :

TR-04-101524MSD

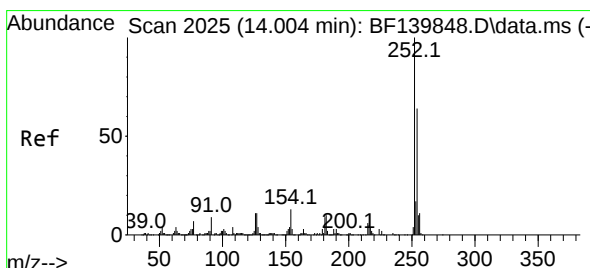
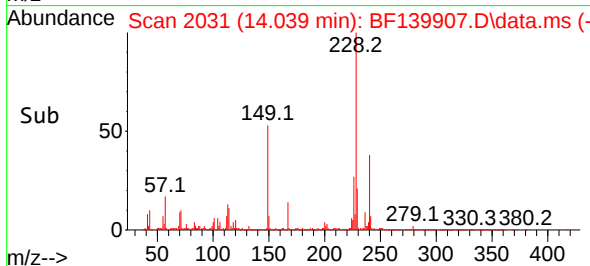
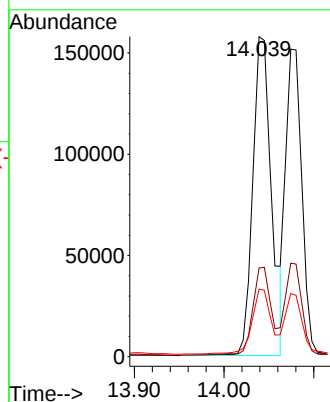
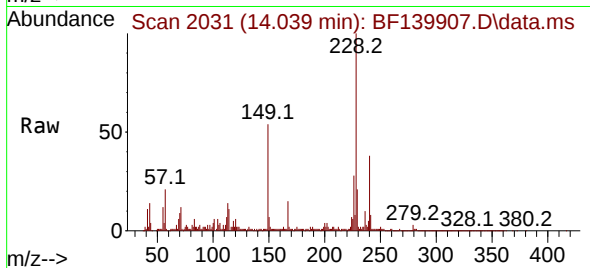
Tgt Ion:228	Resp:	227719
Ion Ratio	Lower	Upper
228	100	
226	27.7	21.6 32.4
229	21.1	16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#82

3,3'-Dichlorobenzidine

Concen: 8.508 ng

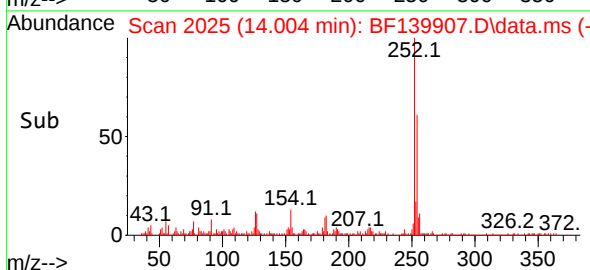
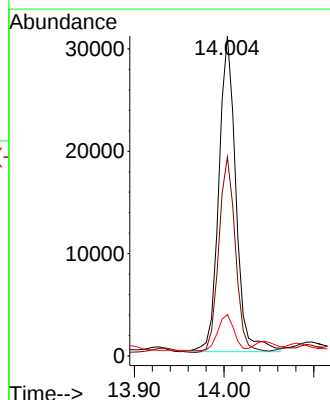
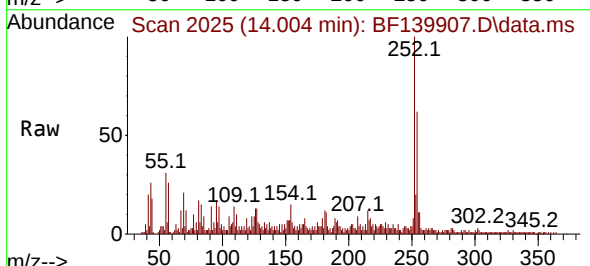
RT: 14.004 min Scan# 2025

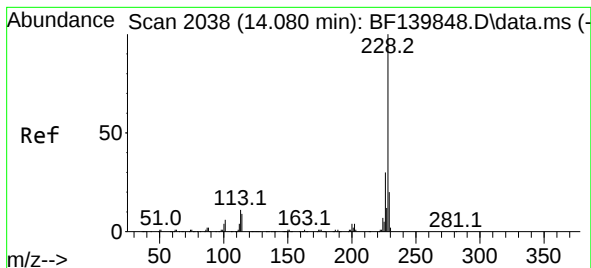
Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:252	Resp:	40814
Ion Ratio	Lower	Upper
252	100	
254	62.2	50.8 76.2
126	13.0	8.9 13.3





#83

Chrysene

Concen: 12.457 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

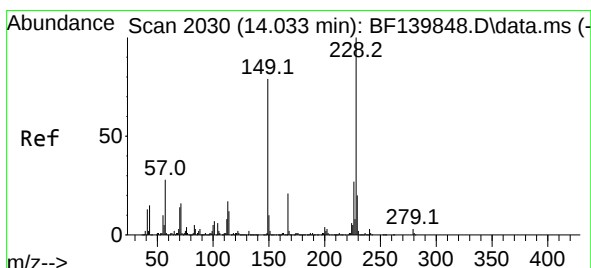
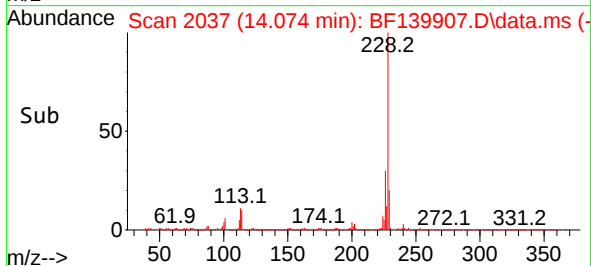
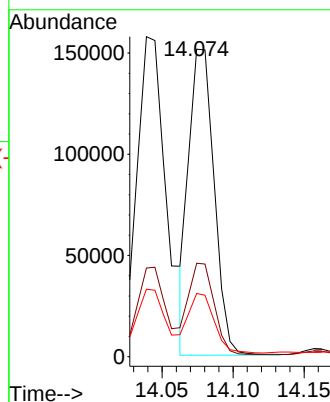
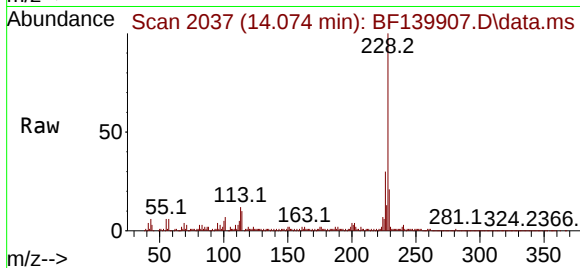
ClientSampleId :

TR-04-101524MSD

Tgt Ion:228 Resp: 187910
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.1 36.1
 229 20.5 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: 16.216 ng

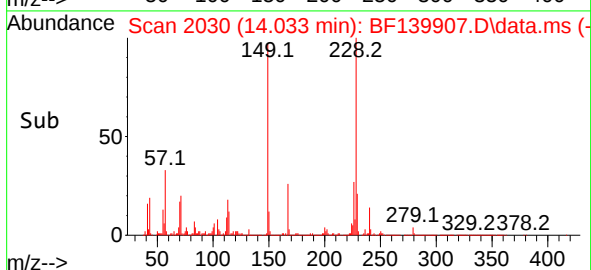
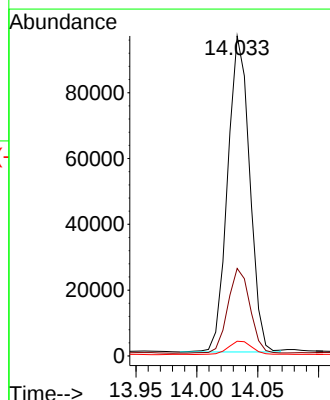
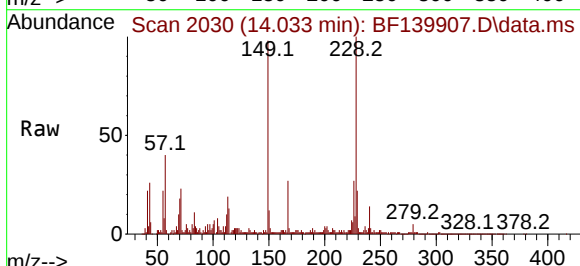
RT: 14.033 min Scan# 2030

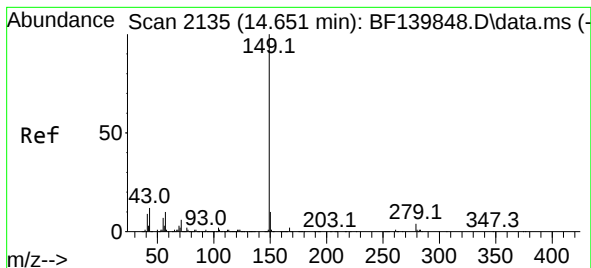
Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:149 Resp: 120668
 Ion Ratio Lower Upper
 149 100
 167 27.3 21.4 32.0
 279 4.6 3.0 4.4#





#85

Di-n-octyl phthalate

Concen: 13.788 ng

RT: 14.651 min Scan# 2135

Delta R.T. -0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

Tgt Ion:149 Resp: 186629

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

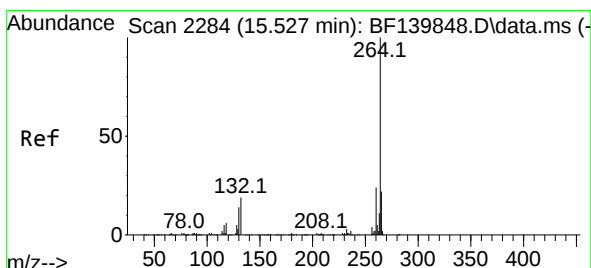
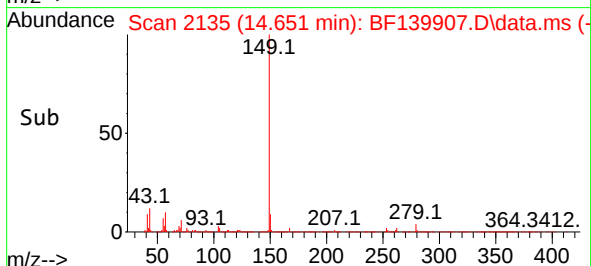
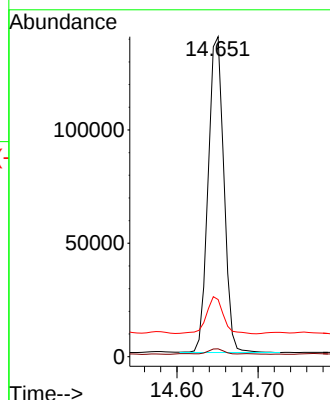
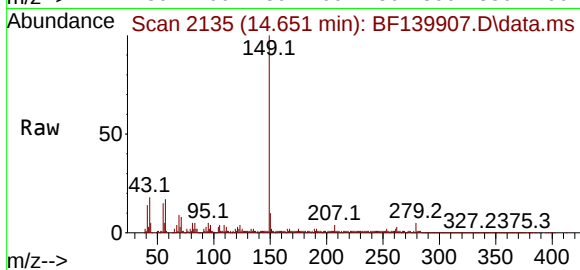
43 12.8 9.8 14.6

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: BF139907.D

Acq: 21 Oct 2024 17:11

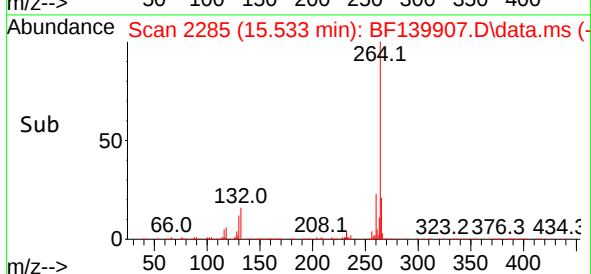
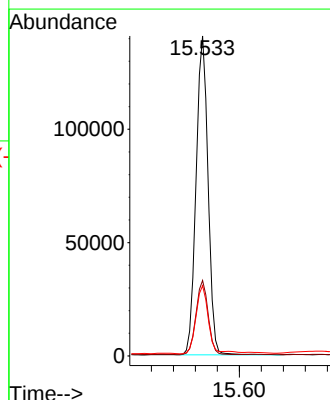
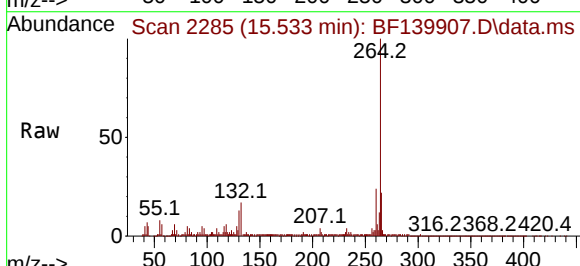
Tgt Ion:264 Resp: 212749

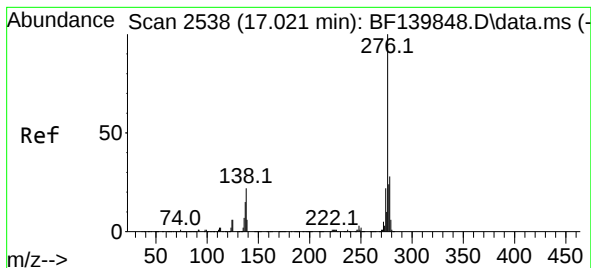
Ion Ratio Lower Upper

264 100

260 23.6 19.4 29.2

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 9.742 ng

RT: 17.021 min Scan# 2538

Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

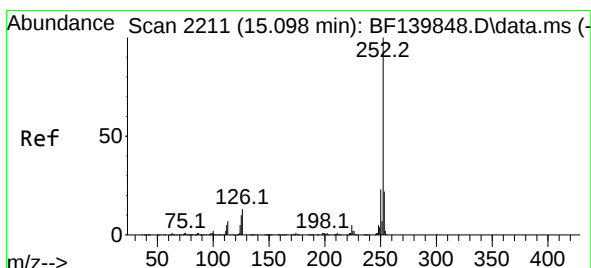
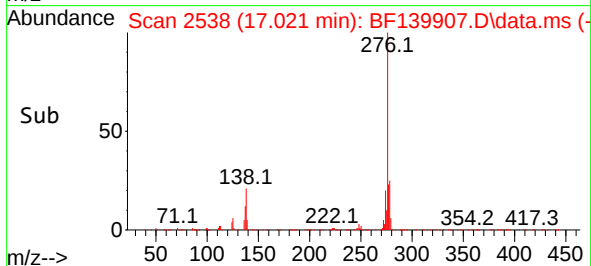
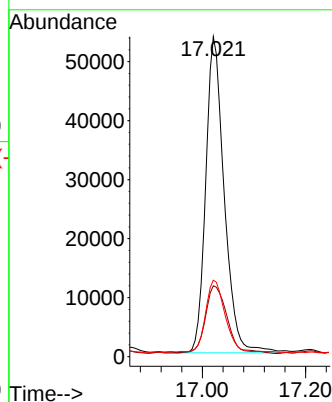
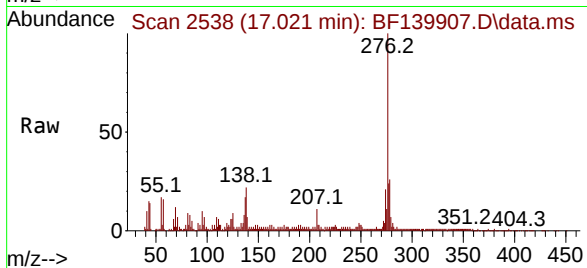
ClientSampleId :

TR-04-101524MSD

Tgt Ion:276 Resp: 13334
 Ion Ratio Lower Upper
 276 100
 138 25.3 20.4 30.6
 277 24.0 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: 12.737 ng

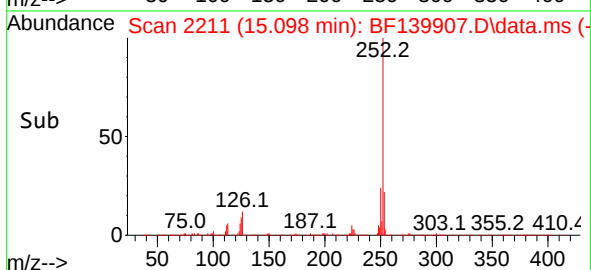
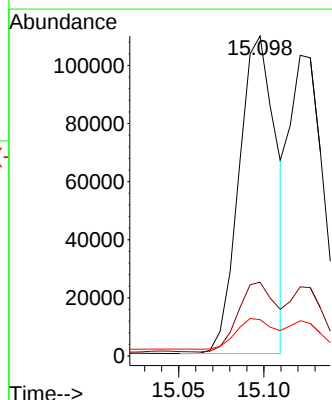
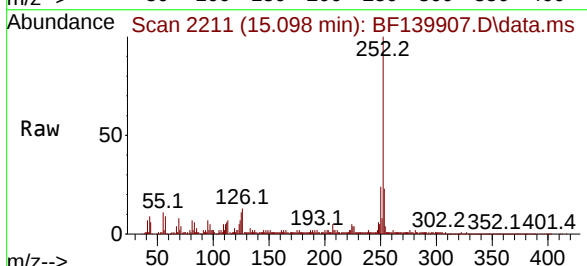
RT: 15.098 min Scan# 2211

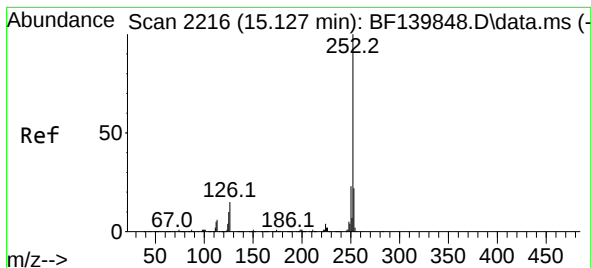
Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:252 Resp: 165071
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 11.3 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 12.609 ng

RT: 15.121 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

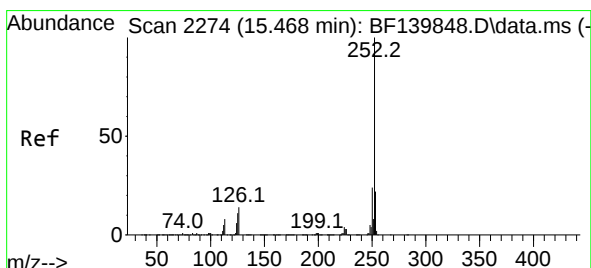
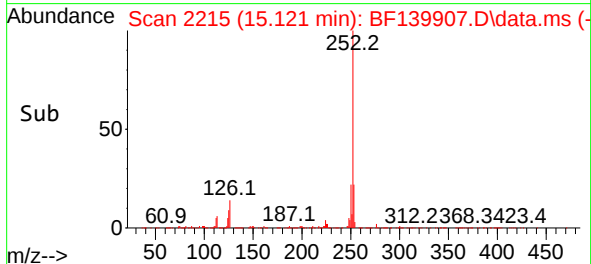
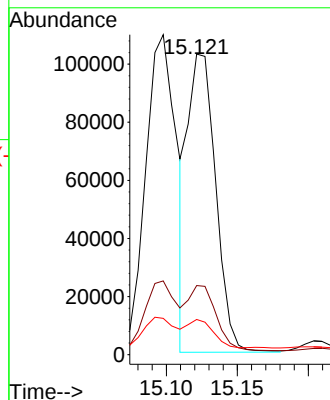
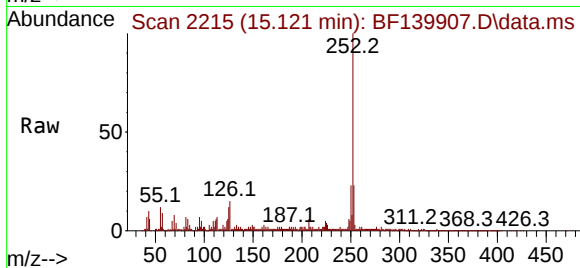
Tgt Ion:252 Resp: 140929
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.6 26.4
 125 11.7 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#90

Benzo(a)pyrene

Concen: 13.233 ng

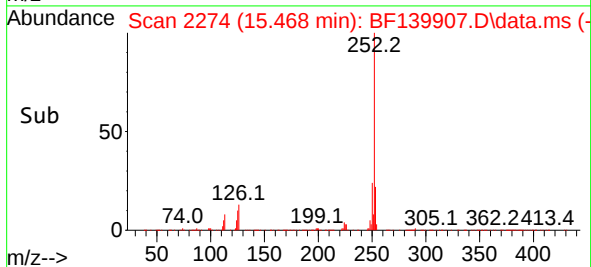
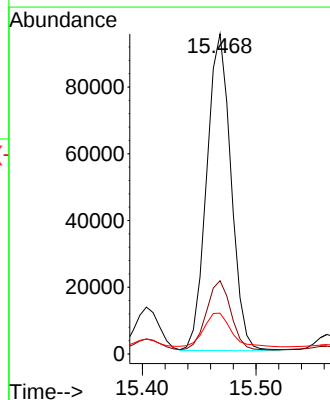
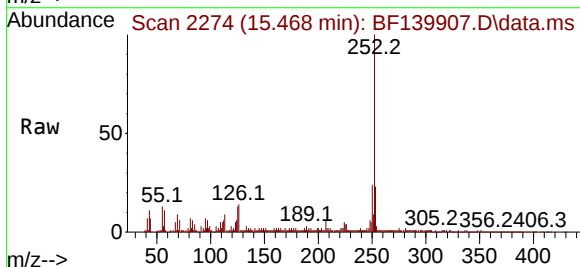
RT: 15.468 min Scan# 2274

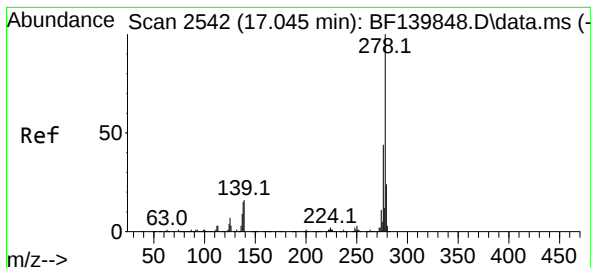
Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:252 Resp: 141116
 Ion Ratio Lower Upper
 252 100
 253 22.9 17.3 25.9
 125 12.8 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 9.288 ng

RT: 17.045 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Instrument :

BNA_F

ClientSampleId :

TR-04-101524MSD

Tgt Ion:278 Resp: 106050

Ion Ratio Lower Upper

278 100

139 16.4 13.1 19.7

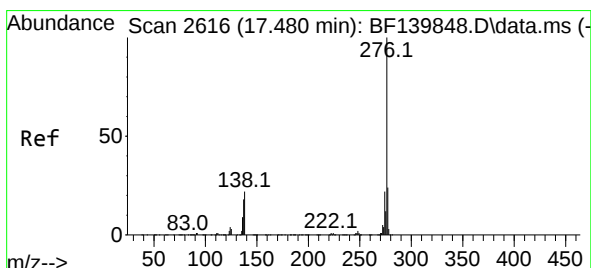
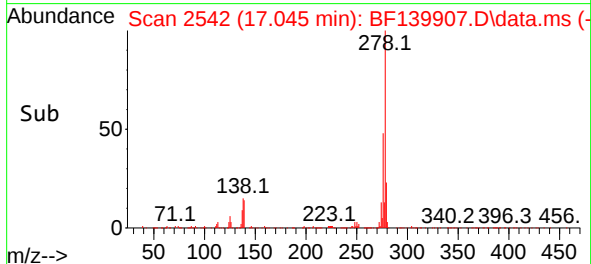
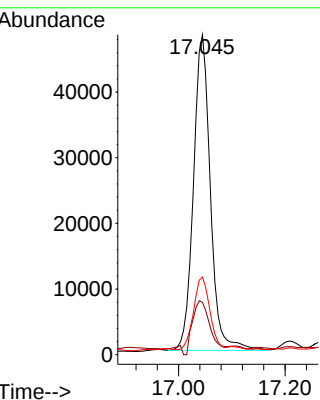
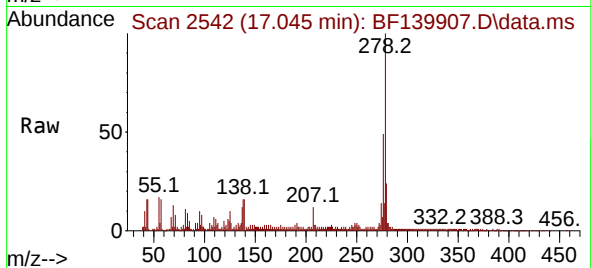
279 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/22/2024

Supervised By :mohammad ahmed 10/23/2024



#92

Benzo(g,h,i)perylene

Concen: 8.663 ng

RT: 17.474 min Scan# 2615

Delta R.T. -0.006 min

Lab File: BF139907.D

Acq: 21 Oct 2024 17:11

Tgt Ion:276 Resp: 98795

Ion Ratio Lower Upper

276 100

277 25.9 19.0 28.6

138 22.4 17.4 26.0

