

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139961.D
 Acq On : 23 Oct 2024 13:36
 Operator : RC/JU
 Sample : PB164154BSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164154BSD

Quant Time: Oct 23 13:59:46 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/24/2024
 Supervised By :mohammad ahmed 10/25/2024

10/24/2024
 Supervised By :mohammad
 ahmed

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.893	152	161665	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	636044	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	355843	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	646570	20.000	ng	0.00
76) Chrysene-d12	14.057	240	335936	20.000	ng	0.00
86) Perylene-d12	15.533	264	357796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1319109	127.736	ng	0.02
7) Phenol-d6	6.516	99	1685264	126.002	ng	0.00
23) Nitrobenzene-d5	7.451	82	1104799	96.270	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	534646	160.629	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1946395	90.399	ng	0.00
79) Terphenyl-d14	13.004	244	2069951	100.404	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.775	88	189334	39.323	ng	94
3) Pyridine	3.528	79	499060	41.816	ng	95
4) n-Nitrosodimethylamine	3.481	42	277359	43.255	ng	96
6) Aniline	6.551	93	502708	40.329	ng	98
8) 2-Chlorophenol	6.675	128	524066	49.641	ng	98
9) Benzaldehyde	6.440	77	129085	17.156	ng	98
10) Phenol	6.528	94	646060m	46.854	ng	
11) bis(2-Chloroethyl)ether	6.628	93	494832	46.429	ng	99
12) 1,3-Dichlorobenzene	6.834	146	550631	45.436	ng	98
13) 1,4-Dichlorobenzene	6.910	146	559405	46.204	ng	99
14) 1,2-Dichlorobenzene	7.063	146	537705	47.585	ng	98
15) Benzyl Alcohol	7.028	79	478997	48.822	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	831226	45.740	ng	97
17) 2-Methylphenol	7.140	107	436758	48.518	ng	100
18) Hexachloroethane	7.404	117	204069	47.266	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	376708	46.439	ng	96
20) 3+4-Methylphenols	7.293	107	526338	45.712	ng	# 81
22) Acetophenone	7.298	105	705241	45.269	ng	100
24) Nitrobenzene	7.475	77	573014	45.541	ng	98
25) Isophorone	7.710	82	1030410	47.307	ng	99
26) 2-Nitrophenol	7.787	139	274915	57.917	ng	95
27) 2,4-Dimethylphenol	7.822	122	442007	55.845	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	616428	46.711	ng	100
29) 2,4-Dichlorophenol	8.028	162	439495	48.750	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	454400	45.551	ng	99
31) Naphthalene	8.192	128	1503638	45.838	ng	100
32) Benzoic acid	7.934	122	344080	49.843	ng	97
33) 4-Chloroaniline	8.240	127	220991	19.757	ng	97
34) Hexachlorobutadiene	8.310	225	292600	46.683	ng	99
35) Caprolactam	8.610	113	147240m	51.365	ng	
36) 4-Chloro-3-methylphenol	8.716	107	483040	48.389	ng	99
37) 2-Methylnaphthalene	8.887	142	950365	47.305	ng	99
38) 1-Methylnaphthalene	8.987	142	894132	45.363	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	449111	46.782	ng	99
41) Hexachlorocyclopentadiene	9.039	237	584487	174.977	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	345841	50.883	ng	100

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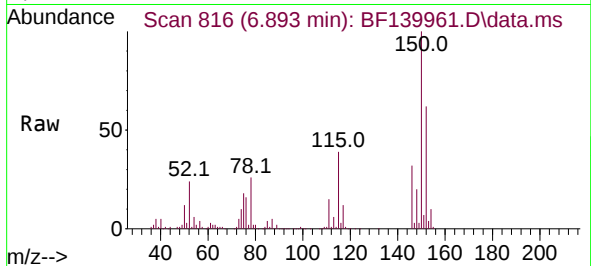
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	347946	49.619	ng	98
46) 1,1'-Biphenyl	9.351	154	1156329	46.679	ng	99
47) 2-Chloronaphthalene	9.375	162	919760	46.100	ng	100
48) 2-Nitroaniline	9.469	65	328006	53.753	ng	93
49) Acenaphthylene	9.792	152	1457542	50.532	ng	99
50) Dimethylphthalate	9.651	163	1104702	49.841	ng	99
51) 2,6-Dinitrotoluene	9.710	165	250701	52.239	ng	97
52) Acenaphthene	9.963	154	1005969	53.913	ng	99
53) 3-Nitroaniline	9.881	138	151706	30.654	ng	93
54) 2,4-Dinitrophenol	9.986	184	273036	132.288	ng	# 1
55) Dibenzofuran	10.139	168	1274548	47.609	ng	98
56) 4-Nitrophenol	10.034	139	408257	107.223	ng	100
57) 2,4-Dinitrotoluene	10.116	165	340646	57.721	ng	96
58) Fluorene	10.481	166	967345	47.441	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	296508	53.938	ng	97
60) Diethylphthalate	10.351	149	1066263	48.995	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	489688	47.555	ng	99
62) 4-Nitroaniline	10.498	138	245826	52.592	ng	98
63) Azobenzene	10.633	77	1095176	47.468	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	185801	70.450	ng	92
66) n-Nitrosodiphenylamine	10.592	169	922858	47.689	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	324462	48.711	ng	94
68) Hexachlorobenzene	11.028	284	358709	47.884	ng	96
69) Atrazine	11.116	200	307011	58.567	ng	100
70) Pentachlorophenol	11.216	266	454447	99.955	ng	99
71) Phenanthrene	11.445	178	1451375	47.522	ng	100
72) Anthracene	11.492	178	1468169	49.270	ng	99
73) Carbazole	11.645	167	1291336	46.596	ng	99
74) Di-n-butylphthalate	11.975	149	1560879	48.750	ng	100
75) Fluoranthene	12.627	202	1437108	46.546	ng	99
77) Benzidine	12.745	184	310637	56.235	ng	99
78) Pyrene	12.857	202	1455283	49.490	ng	99
80) Butylbenzylphthalate	13.474	149	485460	55.067	ng	99
81) Benzo(a)anthracene	14.045	228	1088912	49.794	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	218064	34.200	ng	99
83) Chrysene	14.080	228	1013566	50.550	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	568264	57.453	ng	99
85) Di-n-octyl phthalate	14.645	149	968166	53.816	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1241821	53.950	ng	98
88) Benzo(b)fluoranthene	15.098	252	1073628	49.259	ng	99
89) Benzo(k)fluoranthene	15.133	252	919342	48.910	ng	99
90) Benzo(a)pyrene	15.474	252	972366	54.219	ng	98
91) Dibenzo(a,h)anthracene	17.057	278	1019996	53.119	ng	99
92) Benzo(g,h,i)perylene	17.486	276	938810	48.946	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.893 min Scan# 816
Delta R.T. 0.001 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
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PB164154BSD



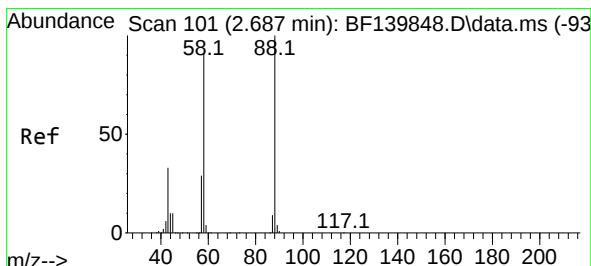
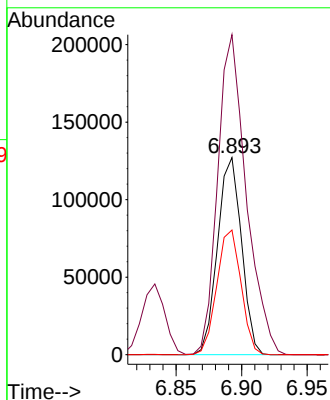
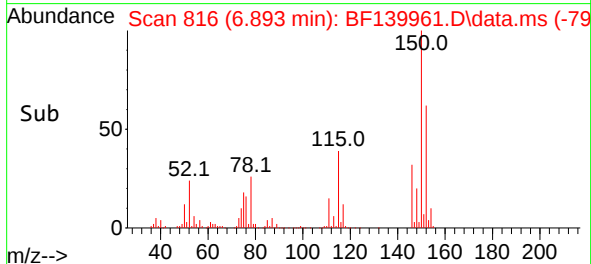
Tgt Ion:152 Resp: 16166
Ion Ratio Lower Upper
152 100
150 162.4 130.2 195.2
115 63.2 51.4 77.2

Manual Integrations
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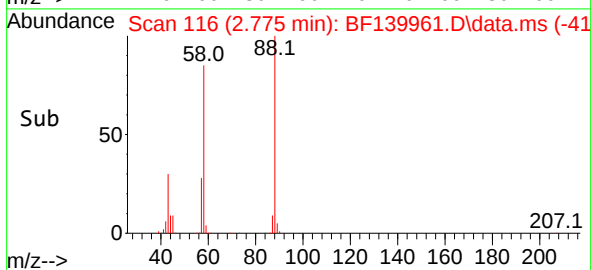
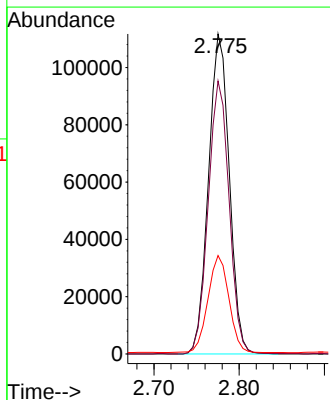
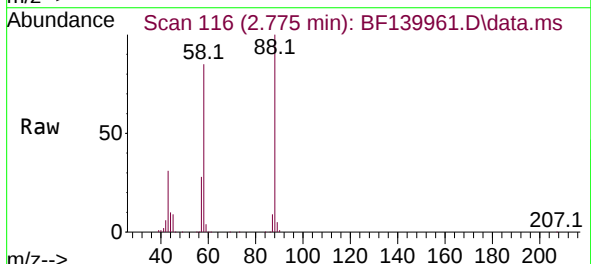
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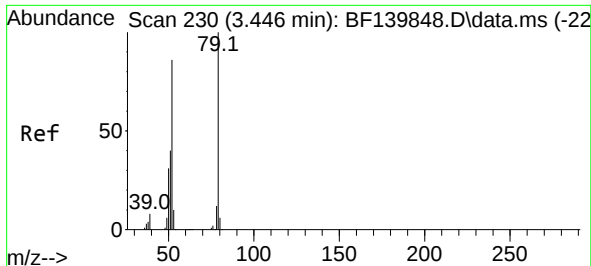
10/25/2024



#2
1,4-Dioxane
Concen: 39.323 ng
RT: 2.775 min Scan# 116
Delta R.T. 0.088 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

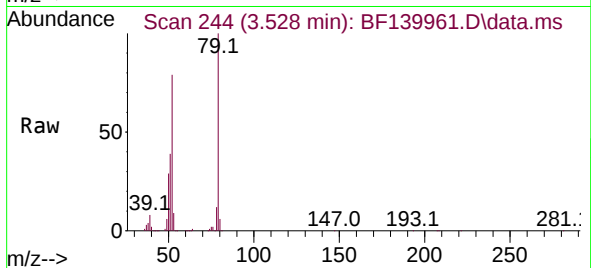
Tgt Ion: 88 Resp: 189334
Ion Ratio Lower Upper
88 100
58 85.9 73.3 109.9
43 30.6 27.1 40.7





#3
 Pyridine
 Concen: 41.816 ng
 RT: 3.528 min Scan# 244
 Delta R.T. 0.083 min
 Lab File: BF139961.D
 Acq: 23 Oct 2024 13:36

Instrument :
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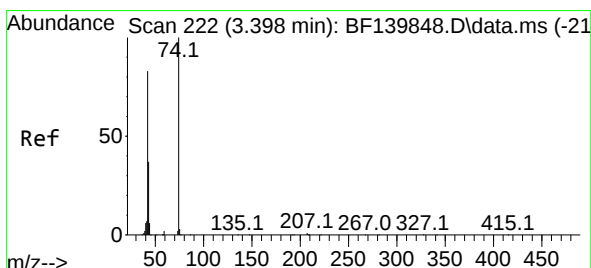
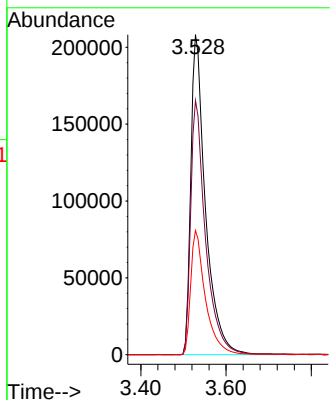
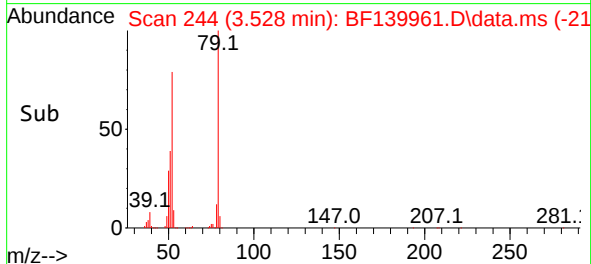
Tgt Ion: 79 Resp: 499060
 Ion Ratio Lower Upper
 79 100
 52 79.5 68.5 102.7
 51 38.8 32.3 48.5

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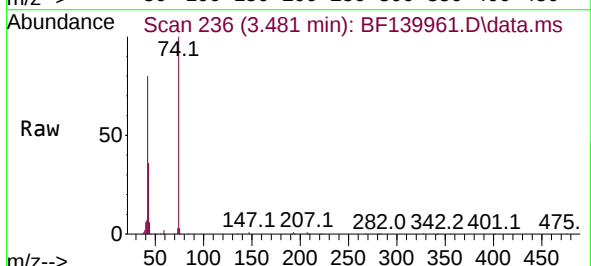
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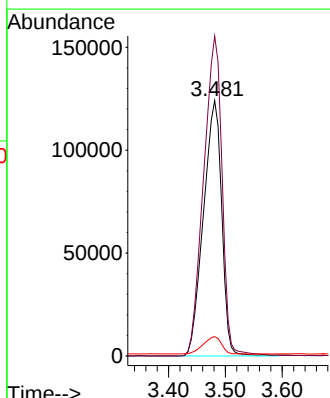
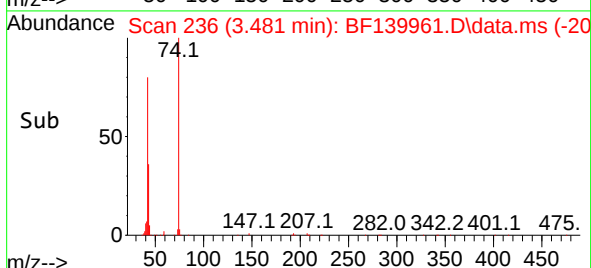
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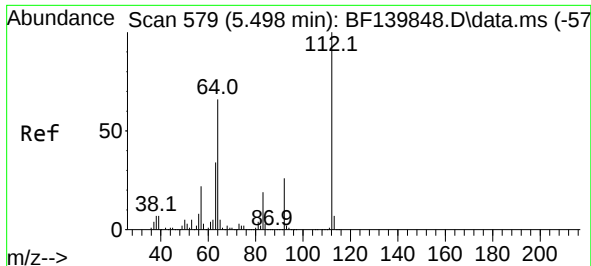


#4
 n-Nitrosodimethylamine
 Concen: 43.255 ng
 RT: 3.481 min Scan# 236
 Delta R.T. 0.083 min
 Lab File: BF139961.D
 Acq: 23 Oct 2024 13:36



Tgt Ion: 42 Resp: 277359
 Ion Ratio Lower Upper
 42 100
 74 125.3 96.2 144.4
 44 7.6 6.2 9.2





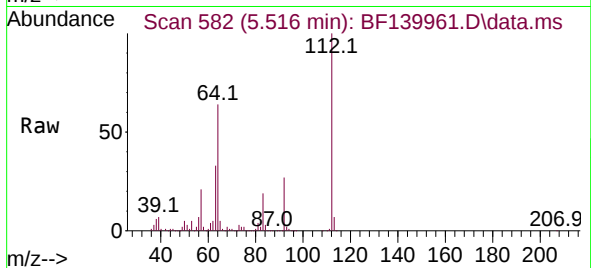
#5
2-Fluorophenol
Concen: 127.736 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:112 Resp: 1319109
Ion Ratio Lower Upper
112 100
64 64.3 53.0 79.6
63 33.3 27.0 40.4

Manual Integrations

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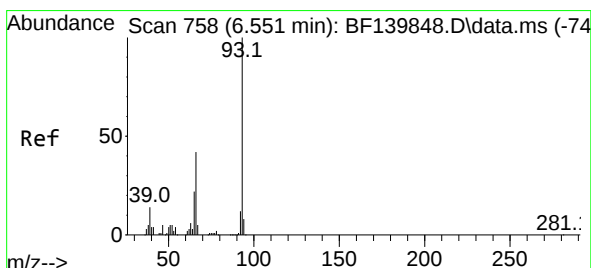
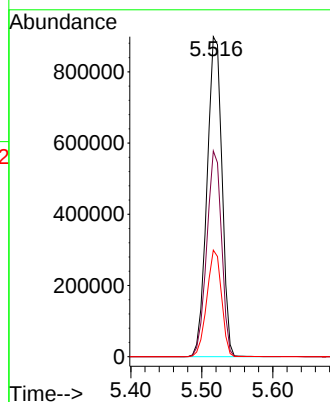
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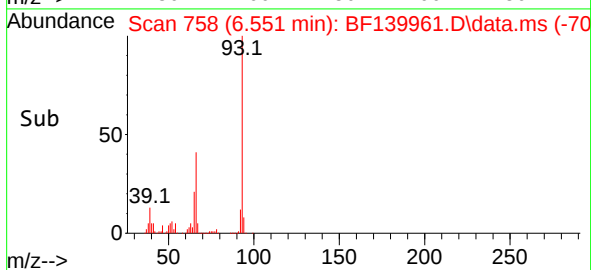
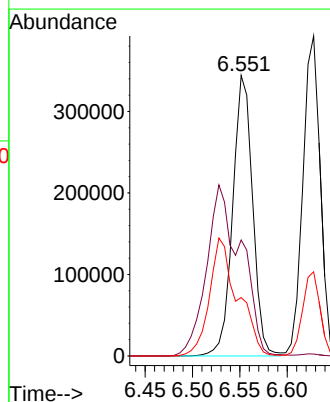
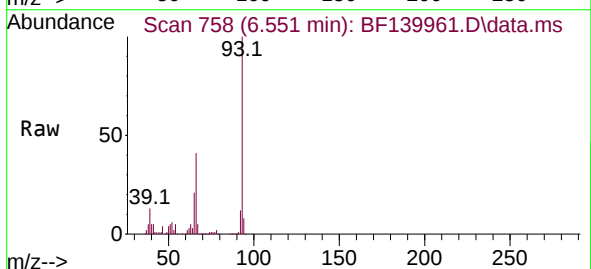
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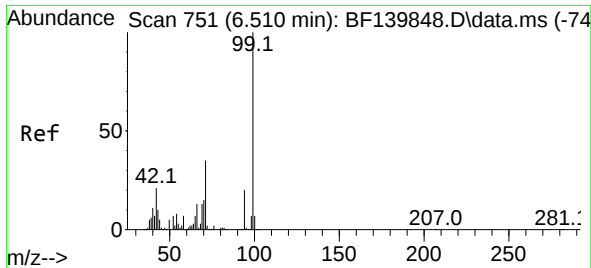
10/25/2024



#6
Aniline
Concen: 40.329 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

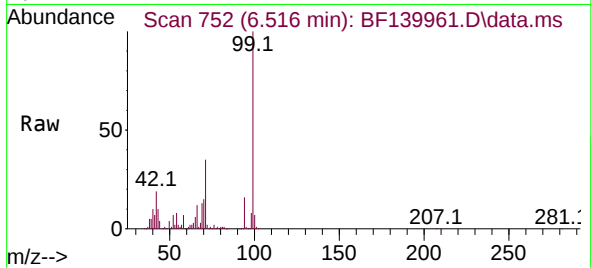
Tgt Ion: 93 Resp: 502708
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.8 17.4 26.0





#7
Phenol-d6
Concen: 126.002 ng
RT: 6.516 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

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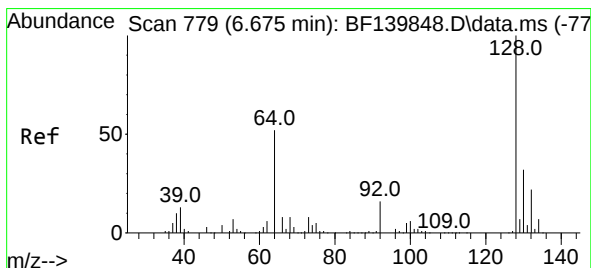
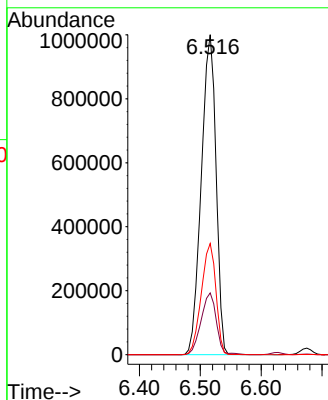
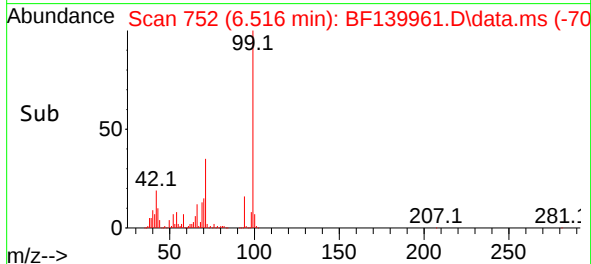
Tgt Ion: 99 Resp: 1685264
Ion Ratio Lower Upper
99 100
42 19.3 16.7 25.1
71 34.7 27.7 41.5

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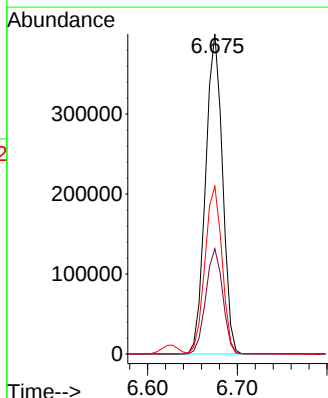
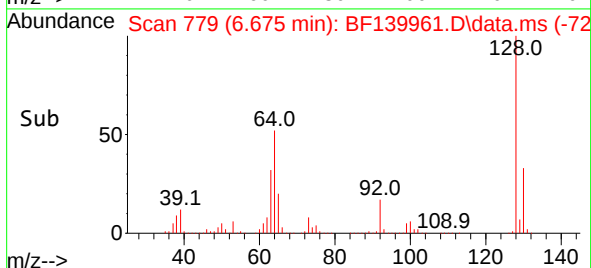
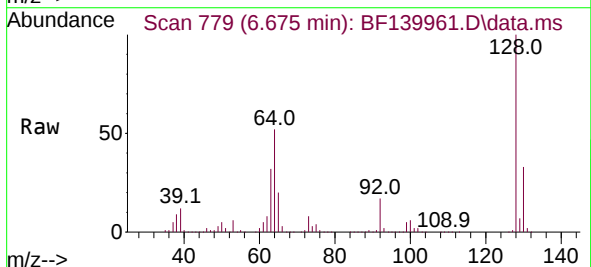
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10/25/2024



#8
2-Chlorophenol
Concen: 49.641 ng
RT: 6.675 min Scan# 779
Delta R.T. 0.000 min
Lab File: BF139961.D
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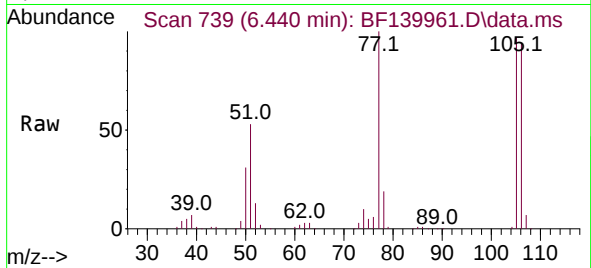
Tgt Ion:128 Resp: 524066
Ion Ratio Lower Upper
128 100
130 32.9 12.3 52.3
64 52.4 34.6 74.6





#9
Benzaldehyde
Concen: 17.156 ng
RT: 6.440 min Scan# 710
Delta R.T. 0.001 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

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BNA_F
ClientSampleId :
PB164154BSD



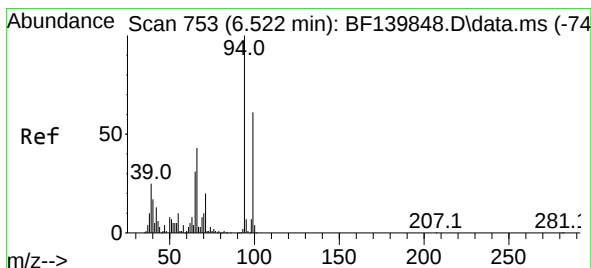
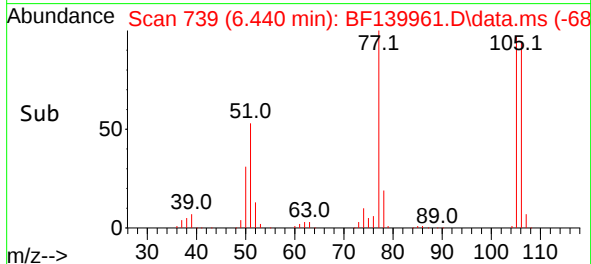
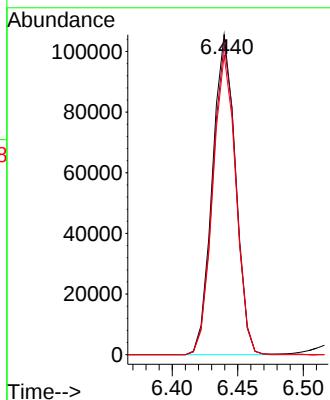
Tgt Ion: 77 Resp: 12908
Ion Ratio Lower Upper
77 100
105 97.1 75.5 115.5
106 93.6 71.7 111.7

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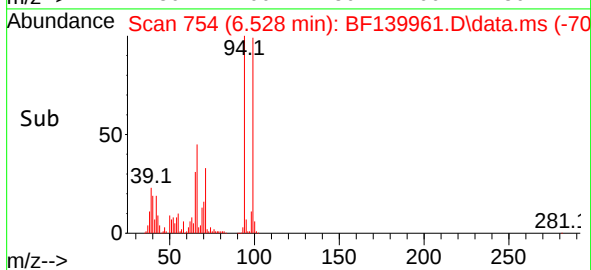
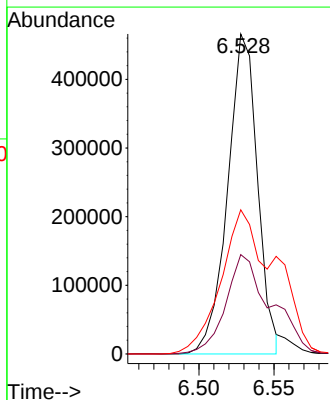
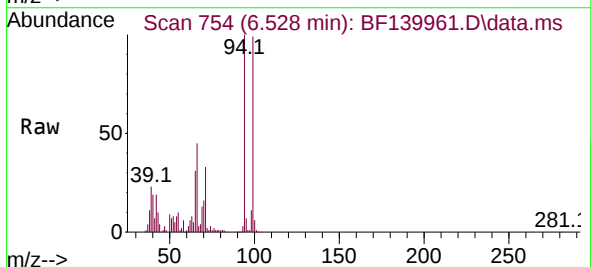
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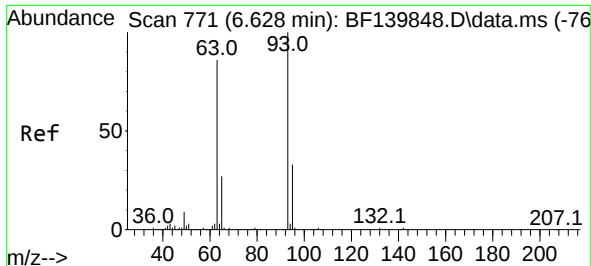
10/25/2024



#10
Phenol
Concen: 46.854 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139961.D
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Tgt Ion: 94 Resp: 646060
Ion Ratio Lower Upper
94 100
65 31.0 11.1 51.1
66 45.0 22.7 62.7





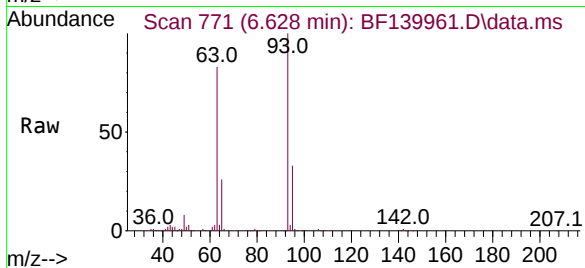
#11
bis(2-Chloroethyl)ether
Concen: 46.429 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion: 93 Resp: 494832
Ion Ratio Lower Upper
93 100
63 83.4 65.0 105.0
95 32.7 12.4 52.4

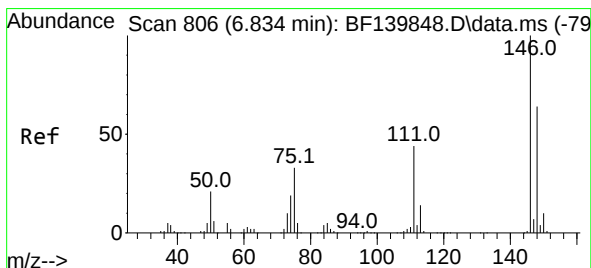
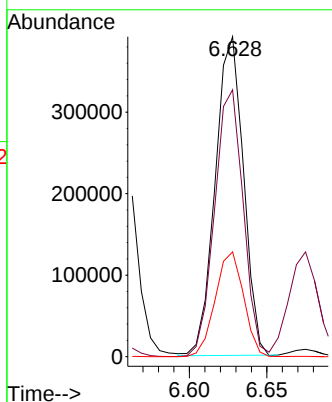
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Supervised By :mohammad ahmed 10/25/2024

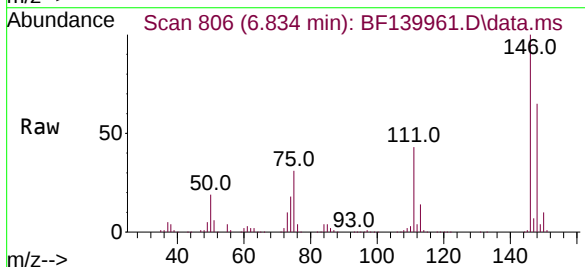
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ahmed

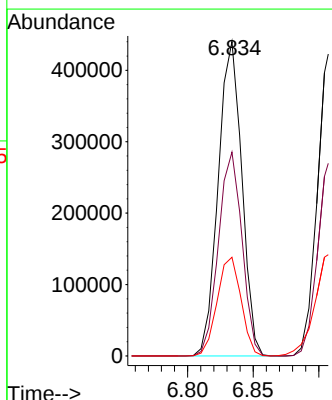
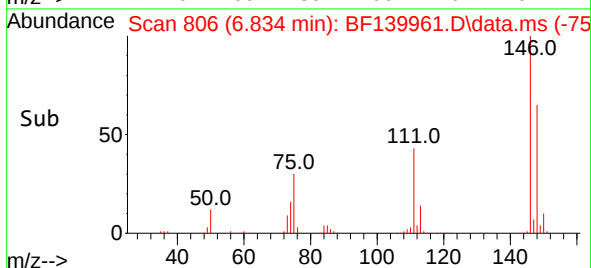
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#12
1,3-Dichlorobenzene
Concen: 45.436 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



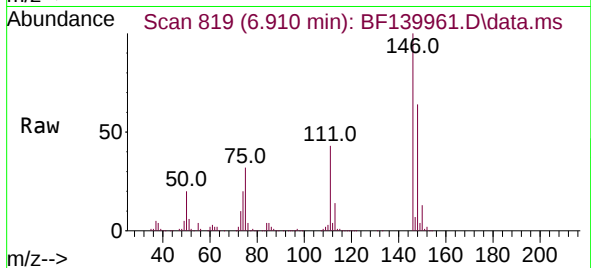
Tgt Ion:146 Resp: 550631
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.4
75 31.4 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 46.204 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
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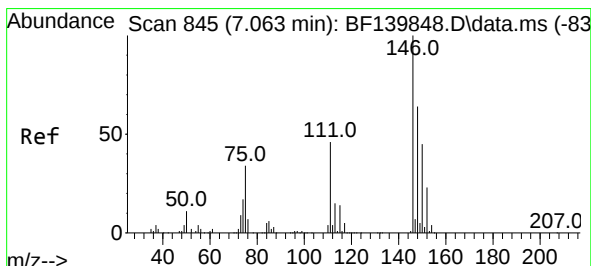
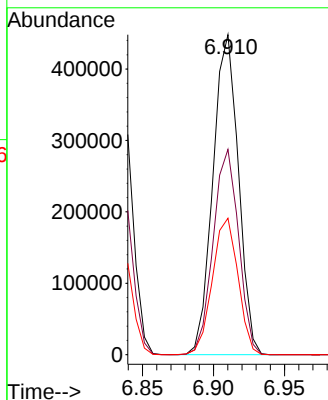
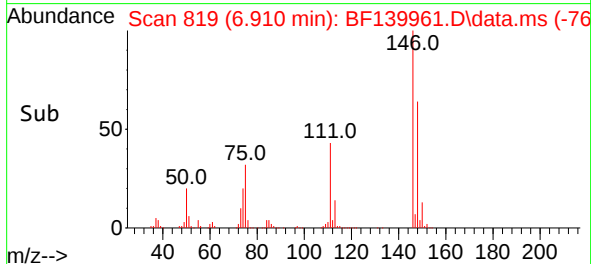
Tgt Ion:146 Resp: 559405
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
111 42.7 34.6 51.8

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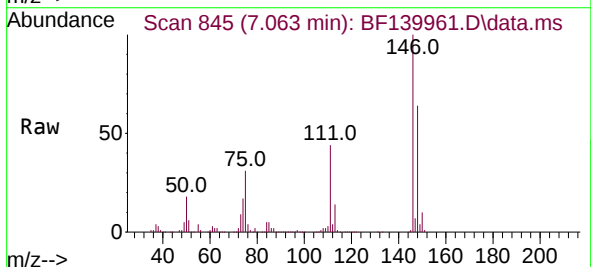
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

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ahmed

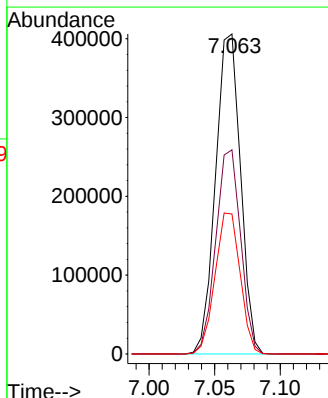
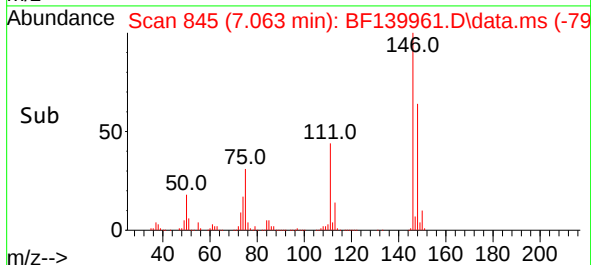
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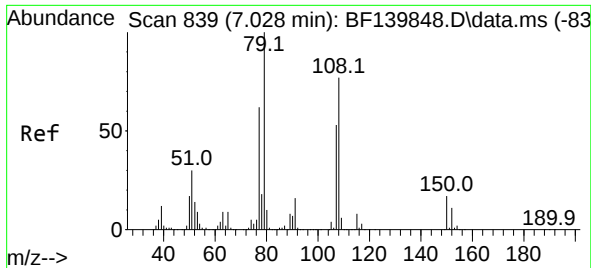


#14
1,2-Dichlorobenzene
Concen: 47.585 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



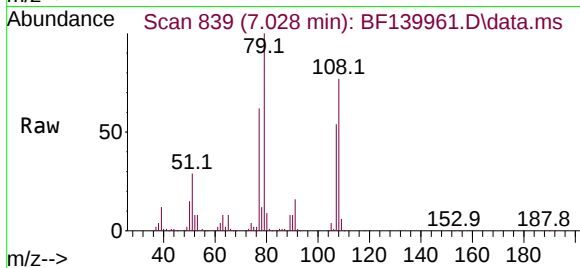
Tgt Ion:146 Resp: 537705
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
111 43.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 48.822 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
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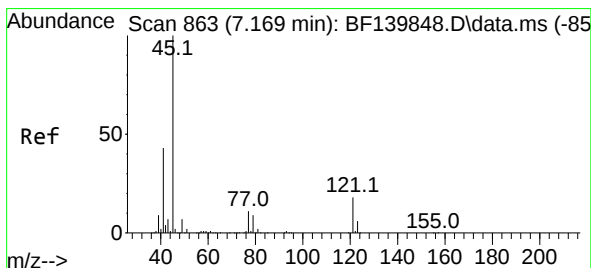
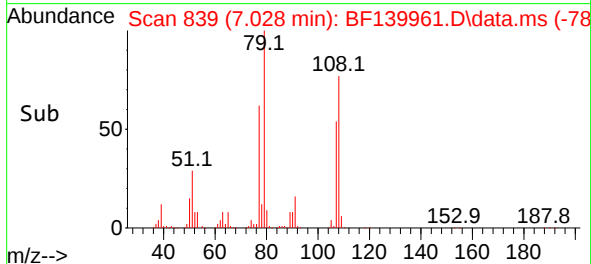
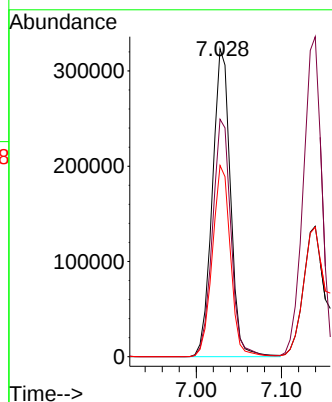
Tgt Ion: 79 Resp: 478997
Ion Ratio Lower Upper
79 100
108 77.1 61.4 92.0
77 62.1 49.9 74.9

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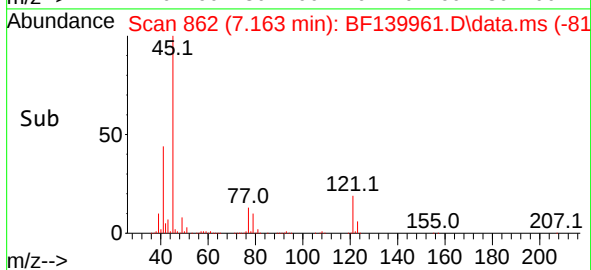
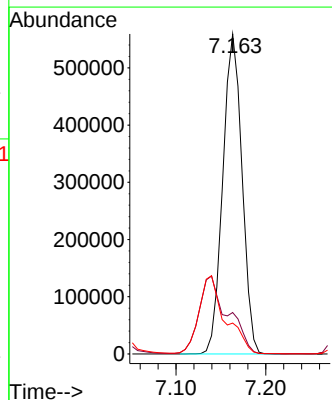
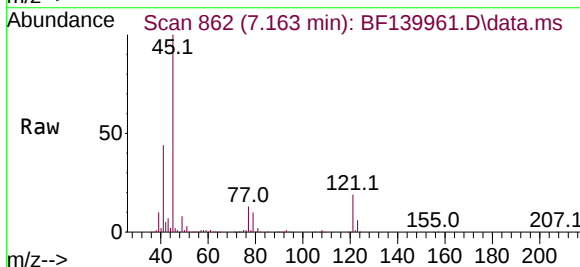
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.740 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

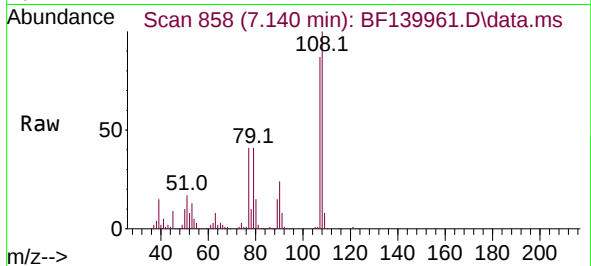
Tgt Ion: 45 Resp: 831226
Ion Ratio Lower Upper
45 100
77 13.0 0.0 31.5
79 9.6 0.0 29.1





#17
2-Methylphenol
Concen: 48.518 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



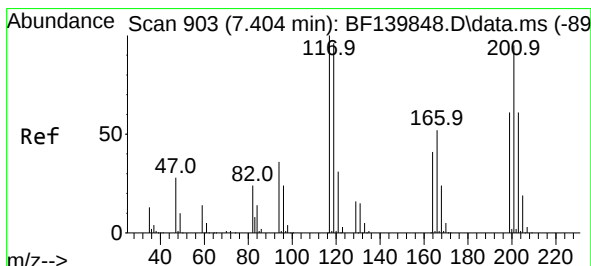
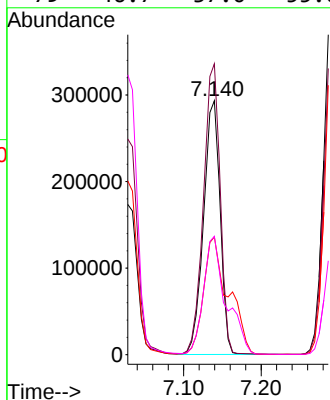
Tgt Ion:107 Resp: 436758
Ion Ratio Lower Upper
107 100
108 114.6 91.3 136.9
77 46.4 37.1 55.7
79 46.7 37.0 55.6

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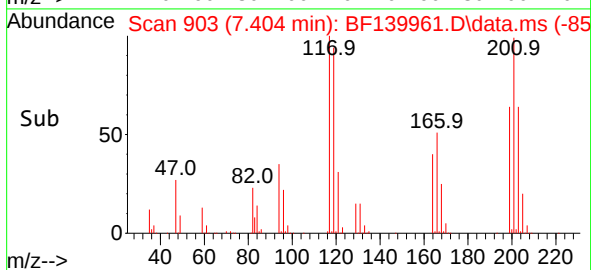
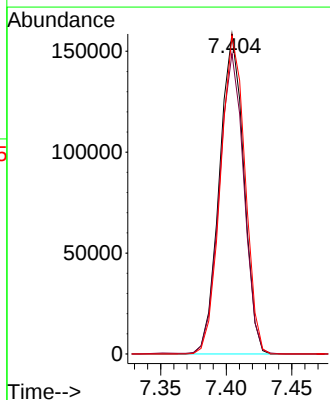
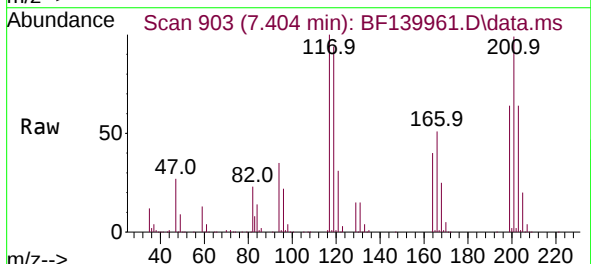
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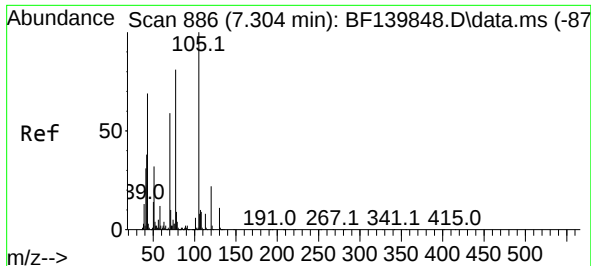
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#18
Hexachloroethane
Concen: 47.266 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

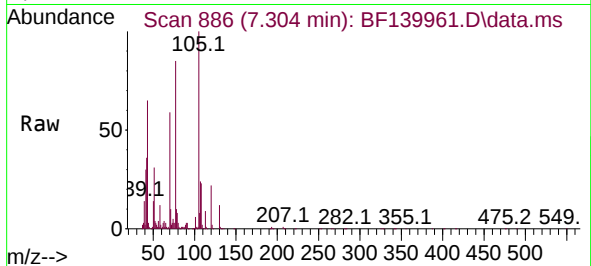
Tgt Ion:117 Resp: 204069
Ion Ratio Lower Upper
117 100
119 93.9 77.0 115.4
201 99.4 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.439 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



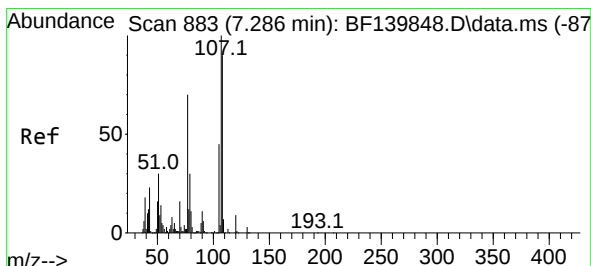
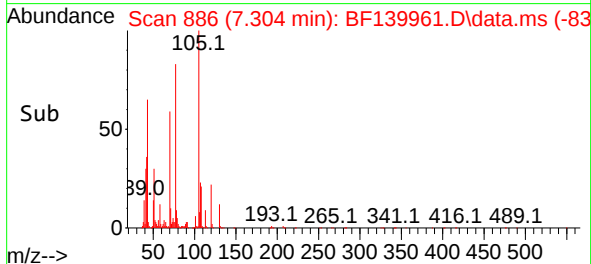
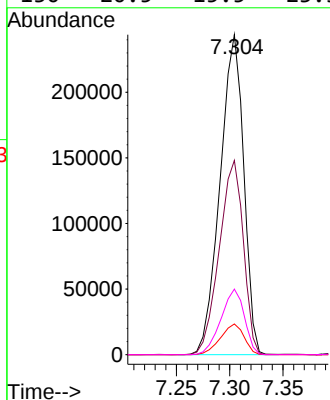
Tgt Ion: 70 Resp: 376708
Ion Ratio Lower Upper
70 100
42 60.7 51.5 77.3
101 9.6 7.5 11.3
130 20.5 15.5 23.3

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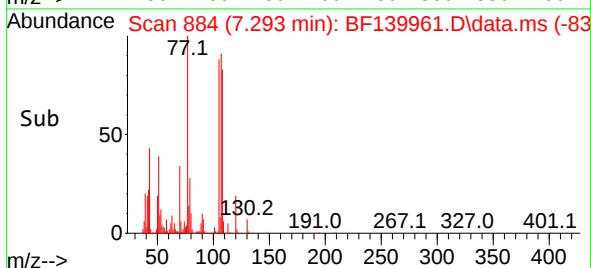
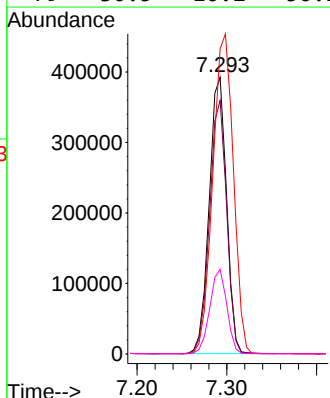
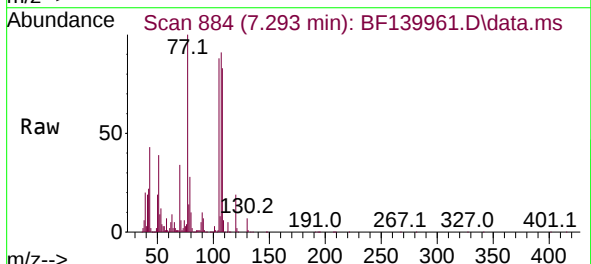
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#20
3+4-Methylphenols
Concen: 45.712 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:107 Resp: 526338
Ion Ratio Lower Upper
107 100
108 91.6 69.8 109.8
77 110.3 50.5 90.5#
79 30.5 10.2 50.2





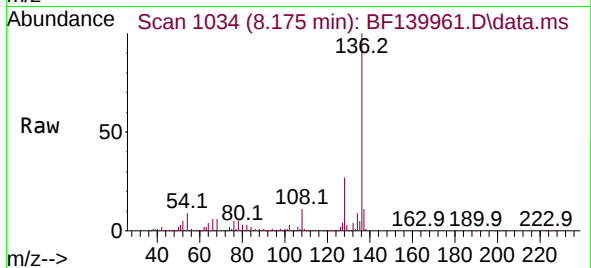
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion:136 Resp: 636044
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.4 8.4 12.6
68 6.2 5.1 7.7

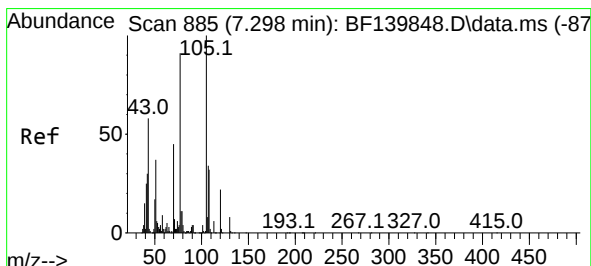
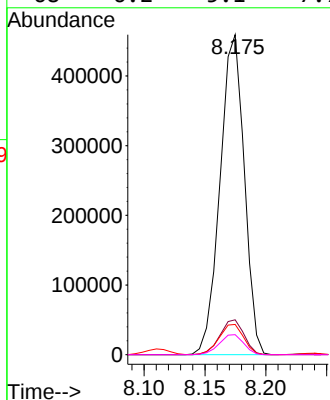
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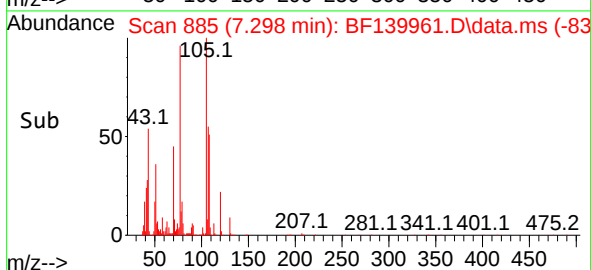
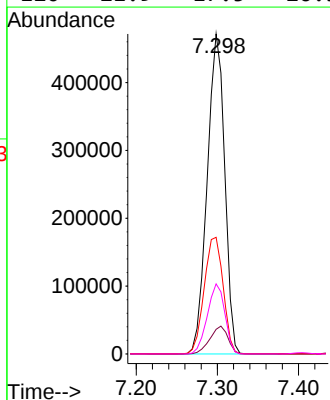
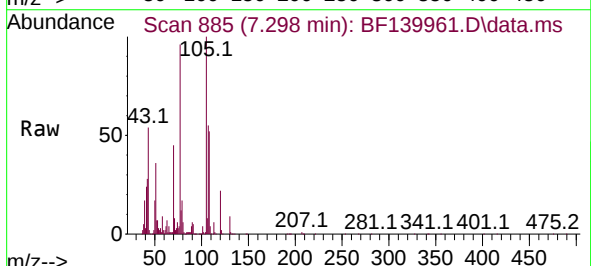
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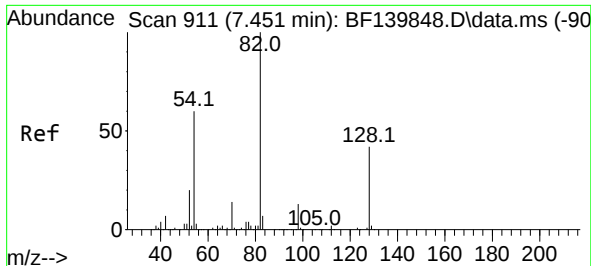
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#22
Acetophenone
Concen: 45.269 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:105 Resp: 705241
Ion Ratio Lower Upper
105 100
71 7.7 5.9 8.9
51 36.4 29.4 44.2
120 21.9 17.5 26.3





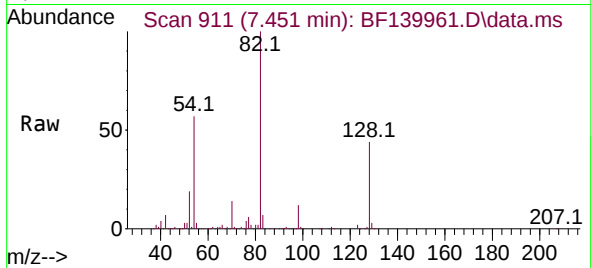
#23
Nitrobenzene-d5
Concen: 96.270 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

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ClientSampleId :

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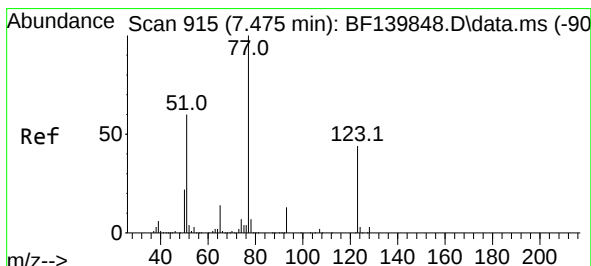
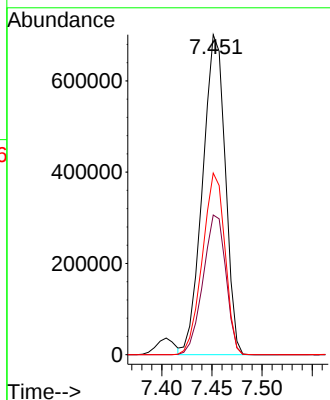
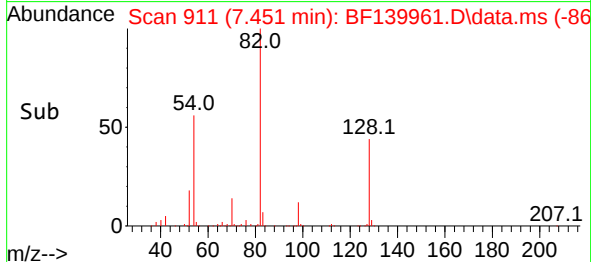
Tgt Ion: 82 Resp: 1104799
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.0
54 56.8 47.8 71.8

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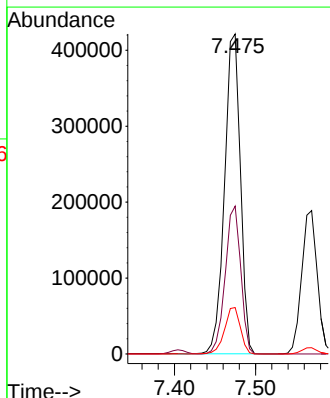
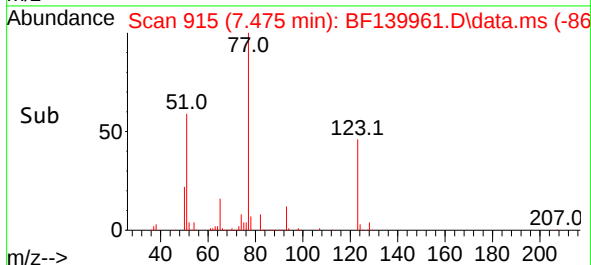
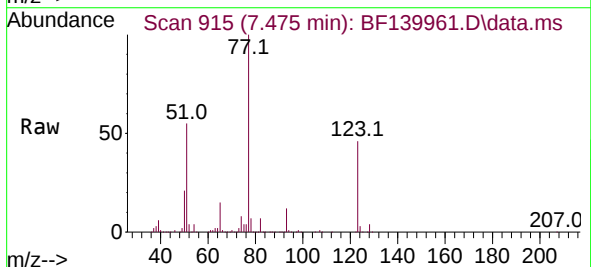
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#24
Nitrobenzene
Concen: 45.541 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

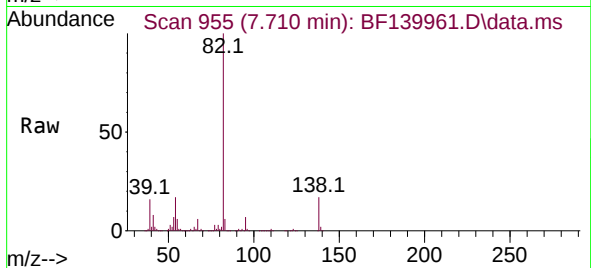
Tgt Ion: 77 Resp: 573014
Ion Ratio Lower Upper
77 100
123 46.2 35.7 53.5
65 14.5 11.5 17.3





#25
Isophorone
Concen: 47.307 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



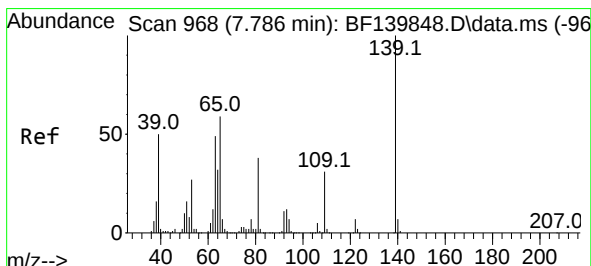
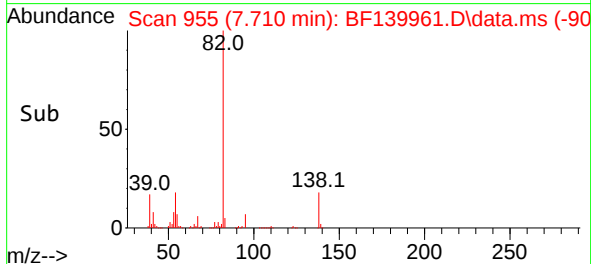
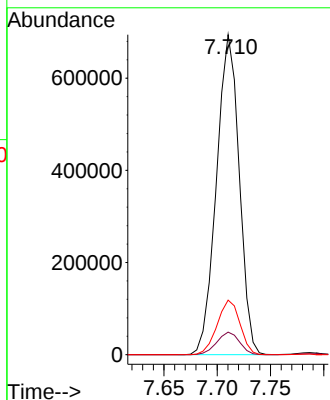
Tgt Ion: 82 Resp: 1030410
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 17.0 13.2 19.8

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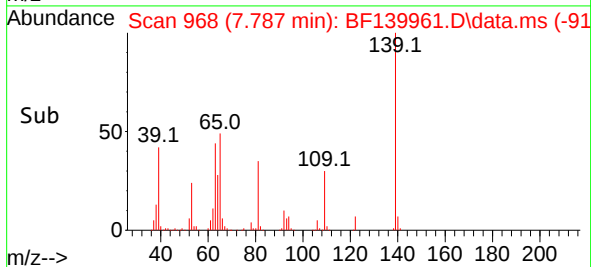
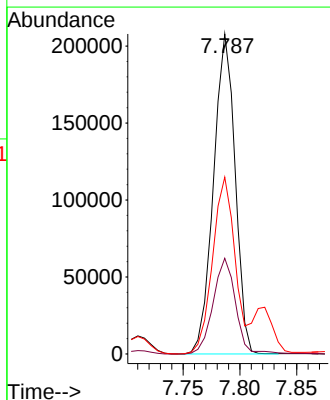
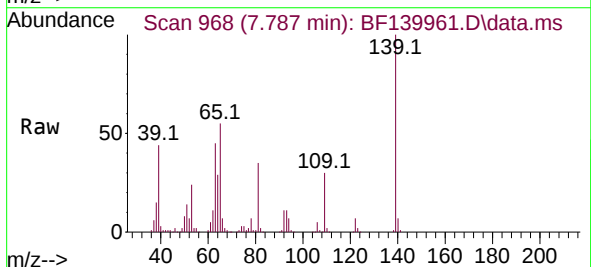
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ahmed

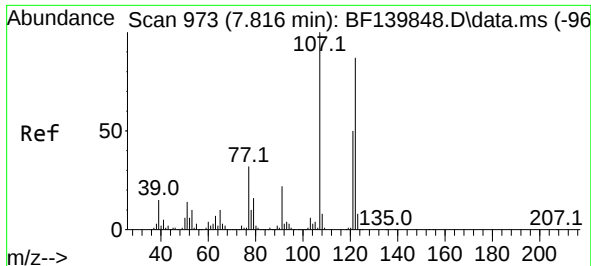
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#26
2-Nitrophenol
Concen: 57.917 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

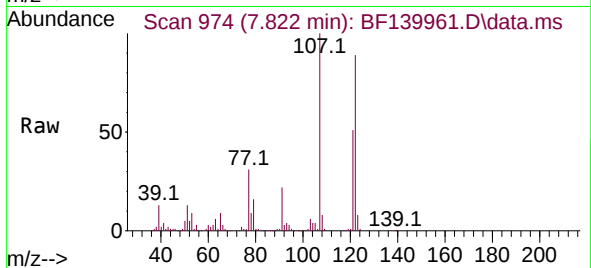
Tgt Ion:139 Resp: 274915
Ion Ratio Lower Upper
139 100
109 29.9 25.1 37.7
65 55.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 55.845 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



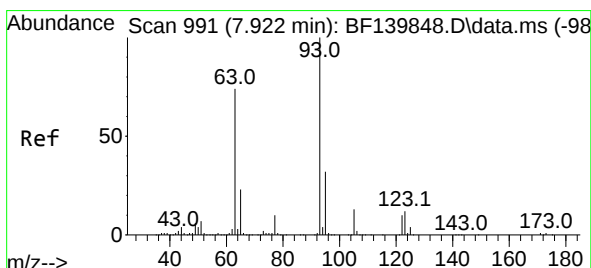
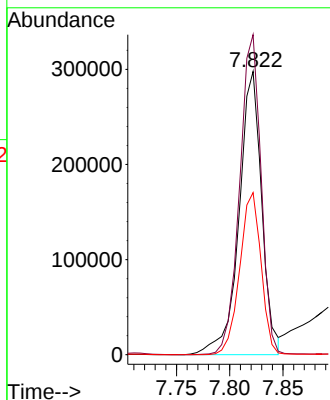
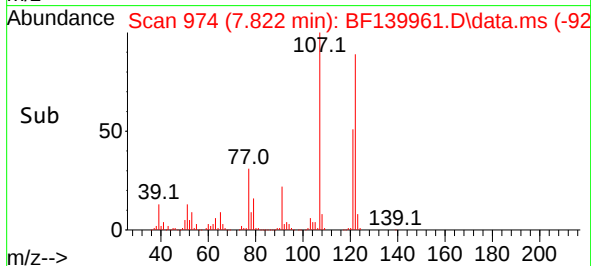
Tgt Ion:122 Resp: 44200
Ion Ratio Lower Upper
122 100
107 113.0 91.9 137.9
121 57.2 46.2 69.4

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Supervised By :mohammad ahmed 10/25/2024

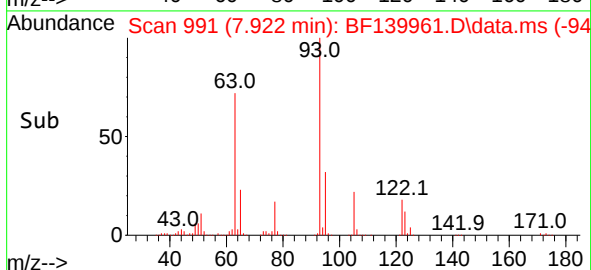
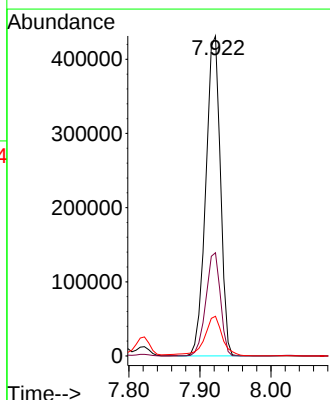
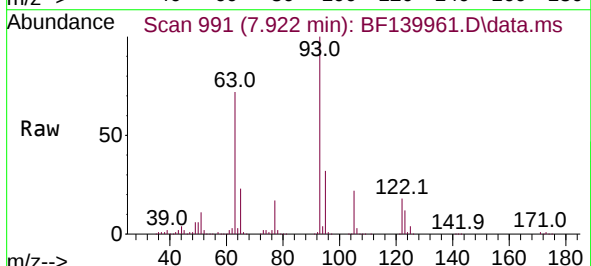
10/24/2024
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ahmed

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#28
bis(2-Chloroethoxy)methane
Concen: 46.711 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion: 93 Resp: 616428
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 12.4 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.750 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:162 Resp: 43949

Ion	Ratio	Lower	Upper
162	100		
164	63.3	43.9	83.9
98	37.5	19.9	59.9

Manual Integrations

APPROVED

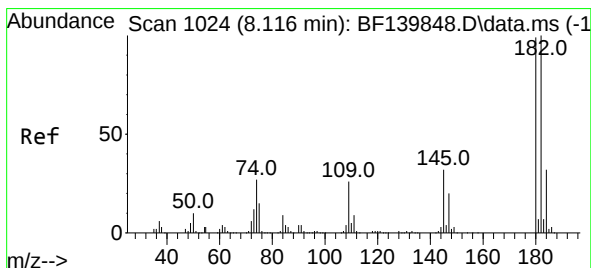
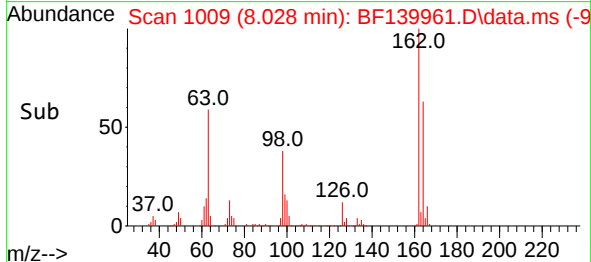
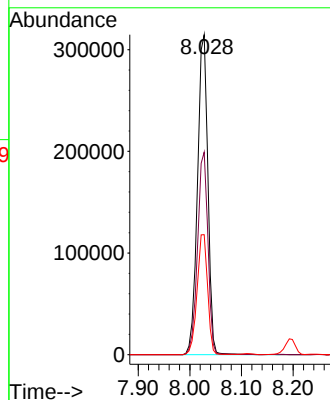
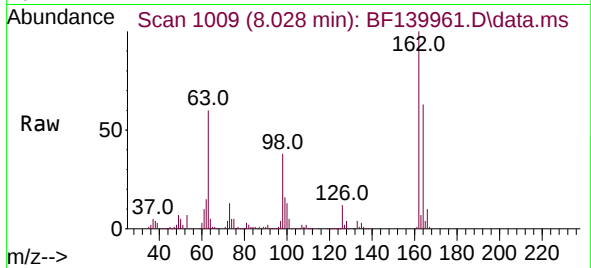
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

10/24/2024

Supervised By :mohammad
ahmed

10/25/2024



#30

1,2,4-Trichlorobenzene

Concen: 45.551 ng

RT: 8.110 min Scan# 1023

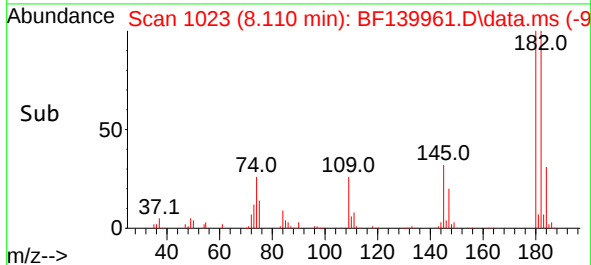
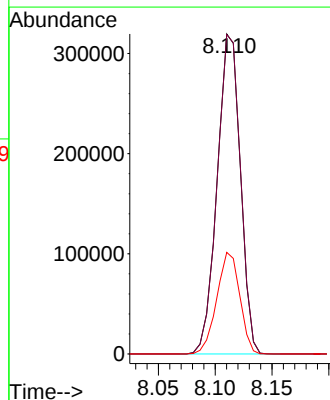
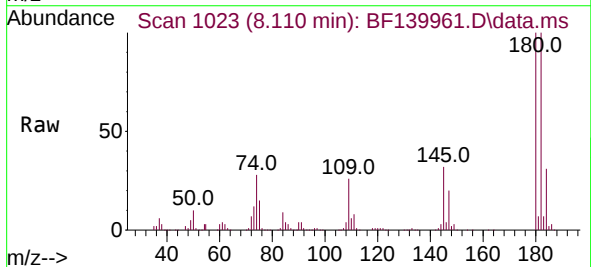
Delta R.T. -0.006 min

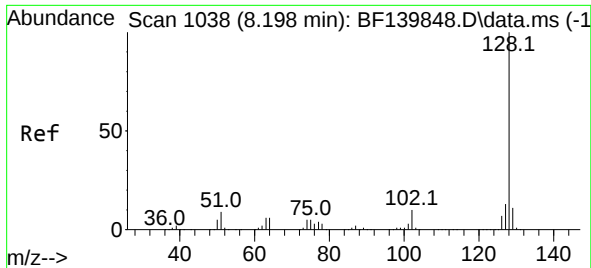
Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Tgt Ion:180 Resp: 454400

Ion	Ratio	Lower	Upper
180	100		
182	99.8	80.5	120.7
145	31.8	25.4	38.0





#31
Naphthalene
Concen: 45.838 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:128 Resp: 1503638
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 16.0

Manual Integrations

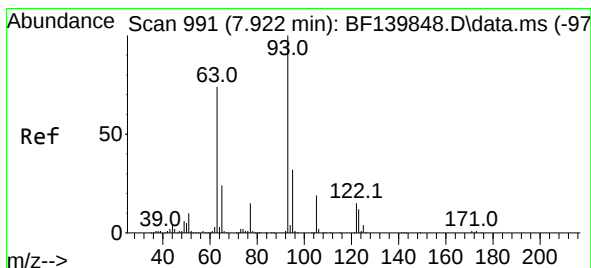
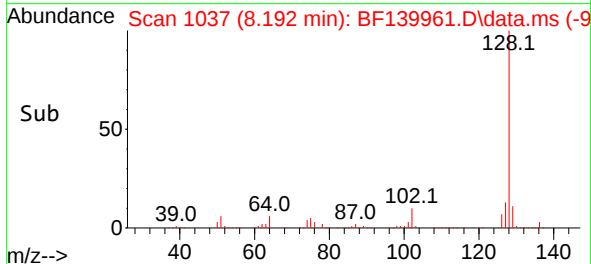
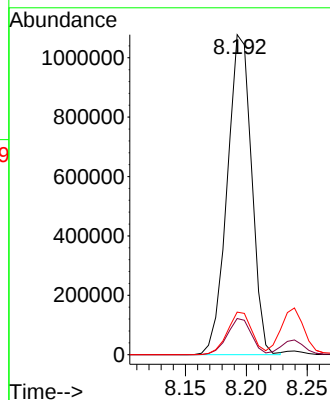
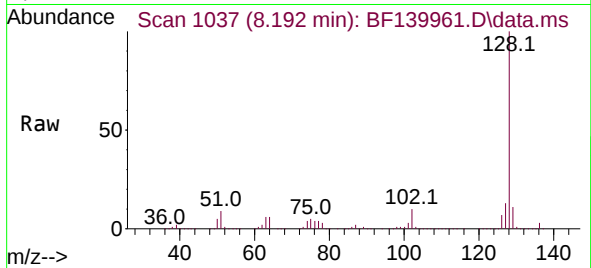
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

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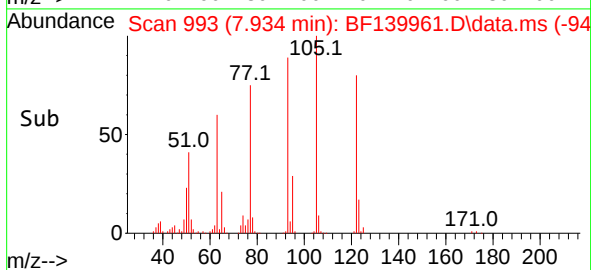
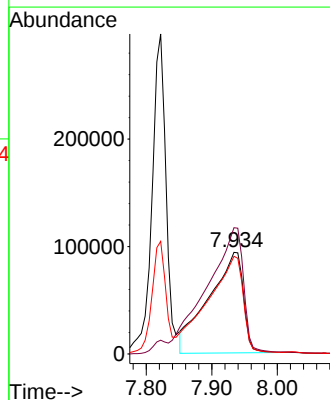
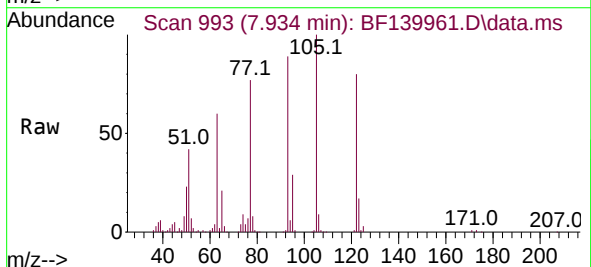
Supervised By :mohammad
ahmed

10/25/2024



#32
Benzoic acid
Concen: 49.843 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:122 Resp: 344080
Ion Ratio Lower Upper
122 100
105 124.3 107.6 147.6
77 96.0 80.2 120.2





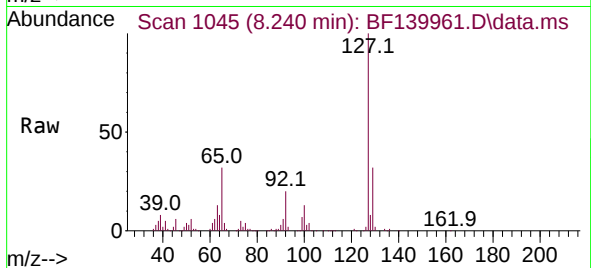
#33
4-Chloroaniline
Concen: 19.757 ng
RT: 8.240 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:127 Resp: 22099
Ion Ratio Lower Upper
127 100
129 31.6 25.4 38.2
65 32.5 28.4 42.6
92 19.5 16.6 25.0

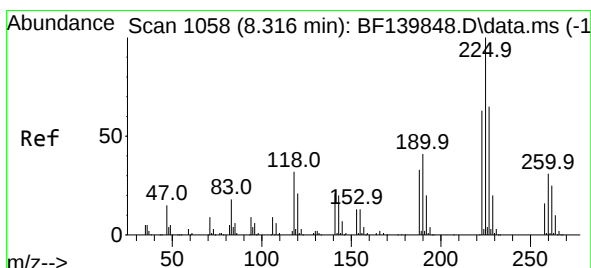
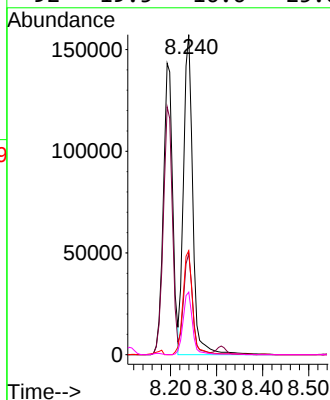
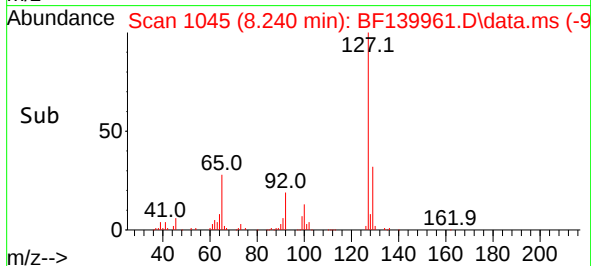
Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
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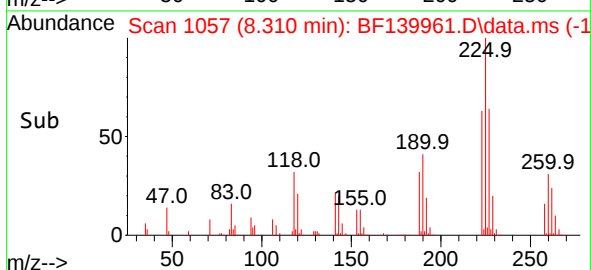
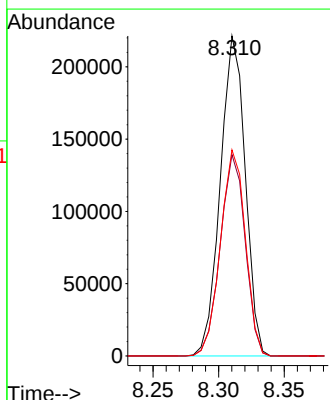
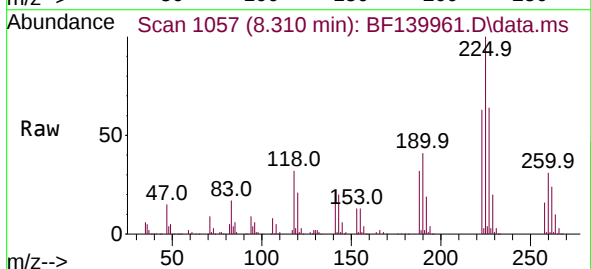
Supervised By :mohammad
ahmed

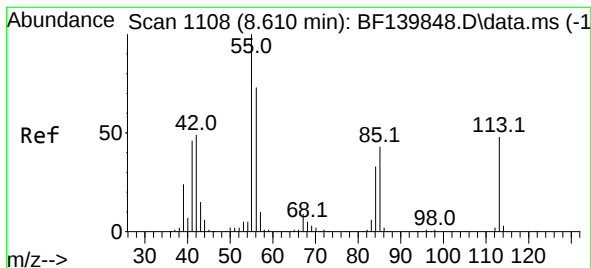
10/25/2024



#34
Hexachlorobutadiene
Concen: 46.683 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:225 Resp: 292600
Ion Ratio Lower Upper
225 100
223 62.9 50.6 76.0
227 64.4 51.8 77.8





#35

Caprolactam

Concen: 51.365 ng m

RT: 8.610 min Scan# 1108

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:113 Resp: 147240

Ion Ratio Lower Upper

113 100

55 195.4 189.2 229.2

56 145.4 132.5 172.5

Manual Integrations

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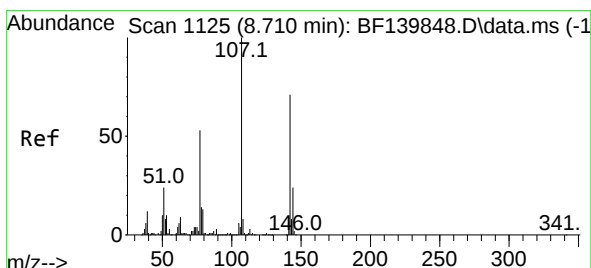
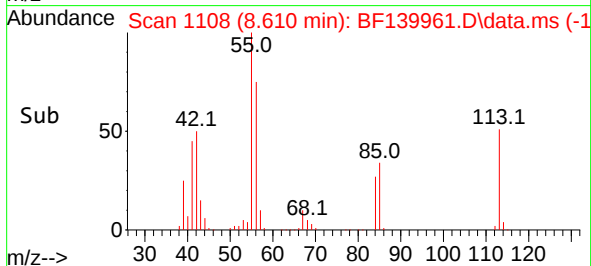
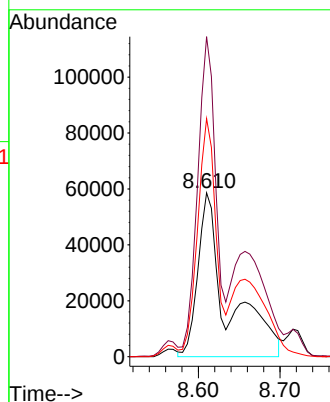
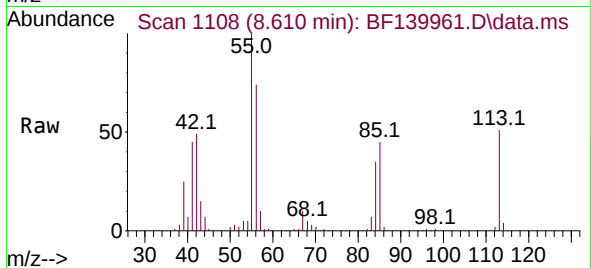
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

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Supervised By :mohammad
ahmed

10/25/2024



#36

4-Chloro-3-methylphenol

Concen: 48.389 ng

RT: 8.716 min Scan# 1126

Delta R.T. 0.006 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

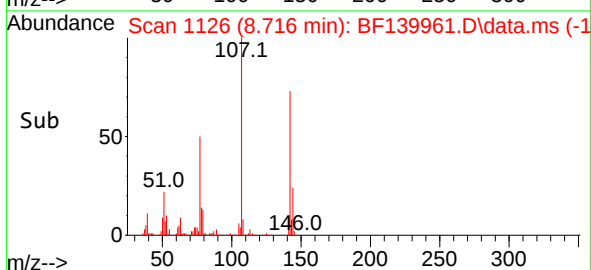
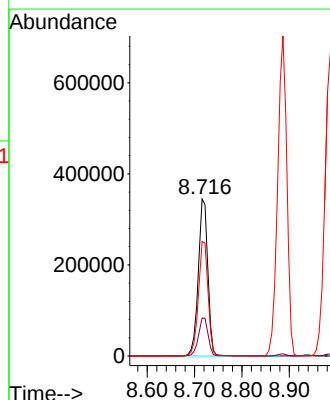
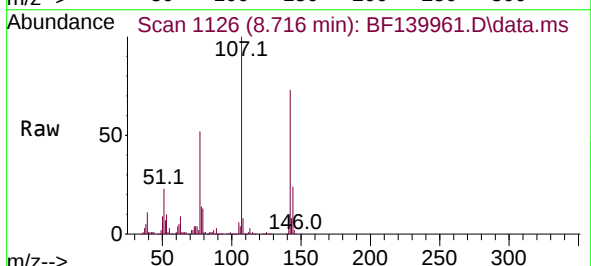
Tgt Ion:107 Resp: 483040

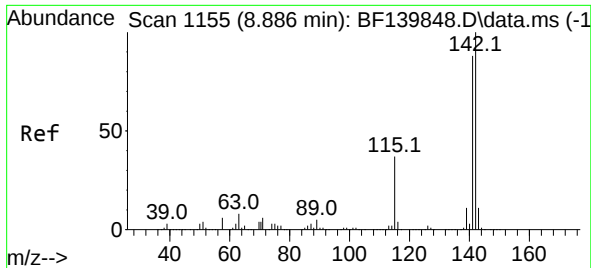
Ion Ratio Lower Upper

107 100

144 24.2 19.1 28.7

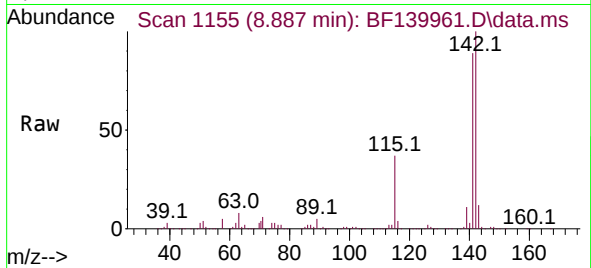
142 72.8 57.2 85.8





#37
2-Methylnaphthalene
Concen: 47.305 ng
RT: 8.887 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

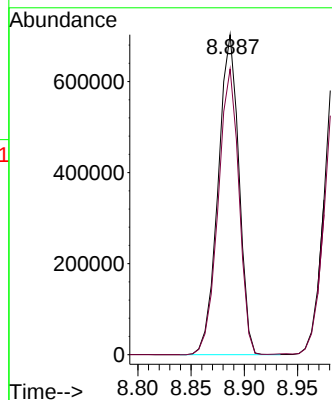
Instrument :
BNA_F
ClientSampleId :
PB164154BSD



Tgt Ion:142 Resp: 95036
Ion Ratio Lower Upper
142 100
141 89.3 70.8 106.2

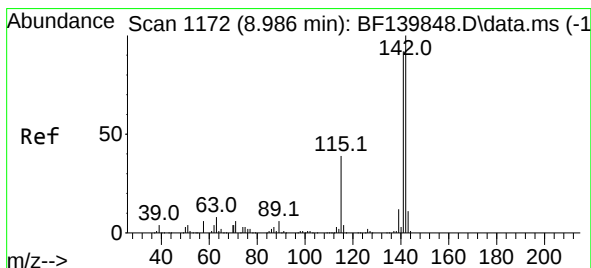
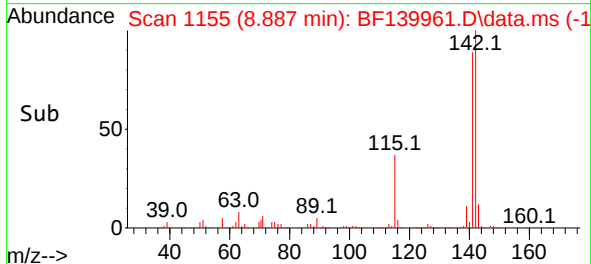
Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



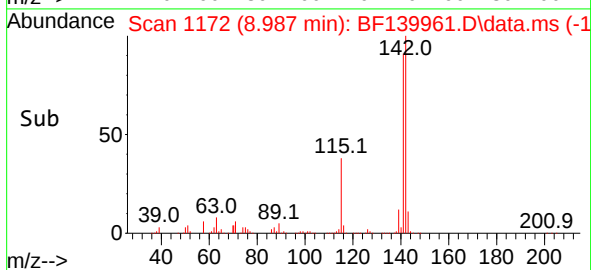
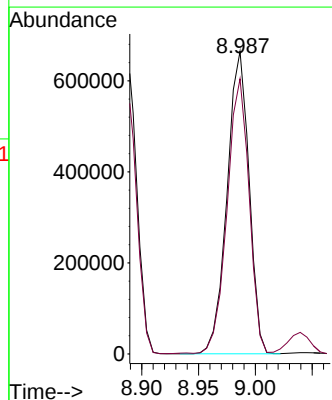
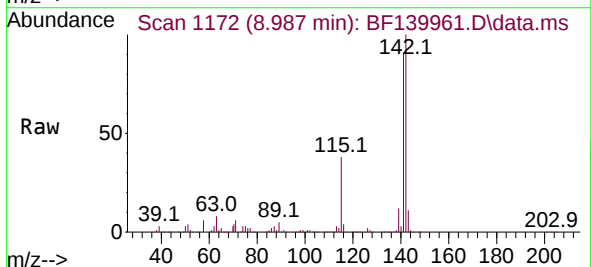
10/24/2024
Supervised By :mohammad
ahmed

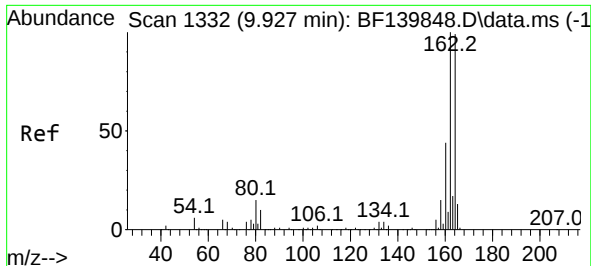
10/25/2024



#38
1-Methylnaphthalene
Concen: 45.363 ng
RT: 8.987 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:142 Resp: 894132
Ion Ratio Lower Upper
142 100
141 90.9 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.928 min Scan# 11

Delta R.T. 0.001 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:164 Resp: 35584

Ion	Ratio	Lower	Upper
164	100		
162	99.3	81.0	121.4
160	43.9	35.4	53.0

Manual Integrations

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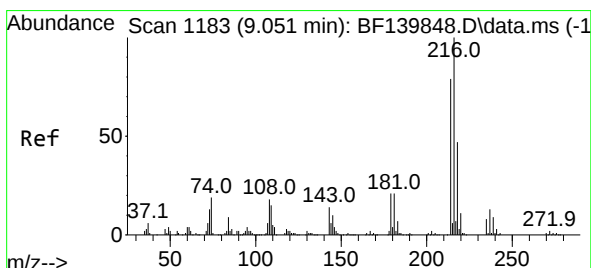
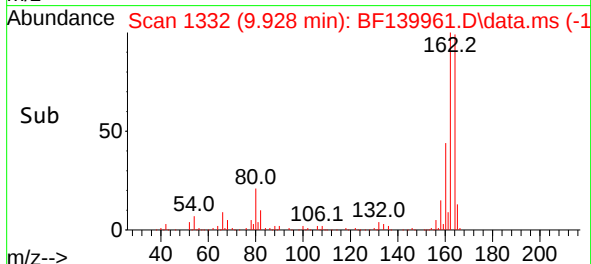
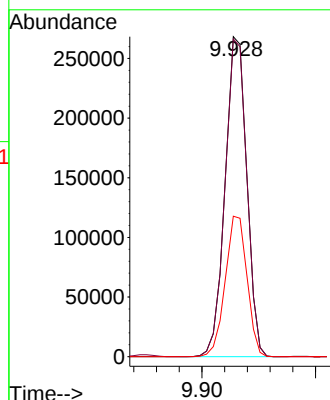
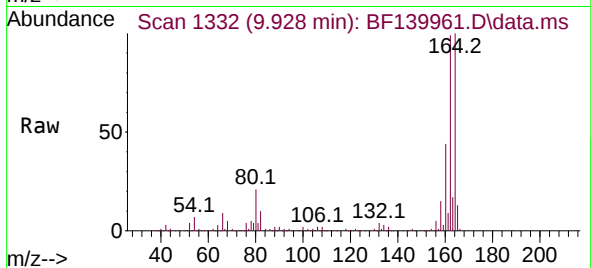
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

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ahmed

10/25/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.782 ng

RT: 9.051 min Scan# 1183

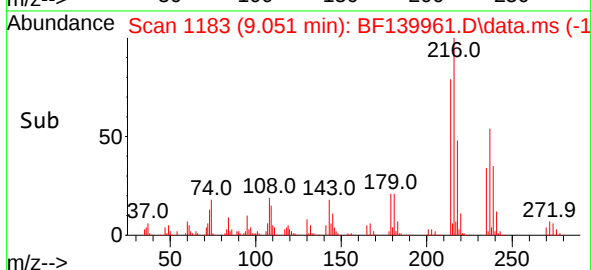
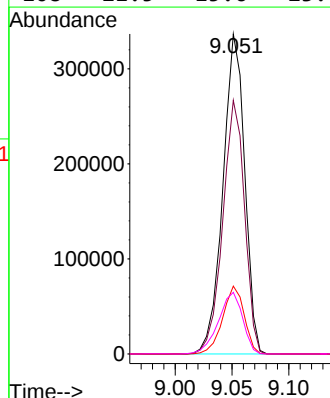
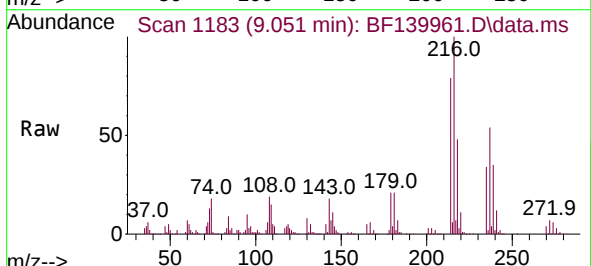
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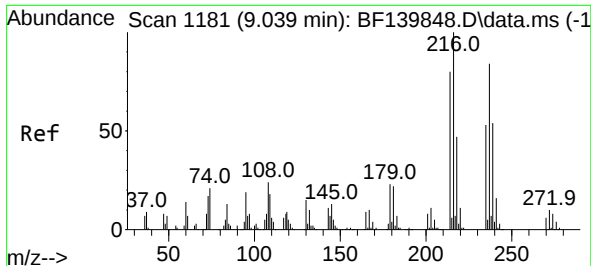
Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Tgt Ion:216 Resp: 449111

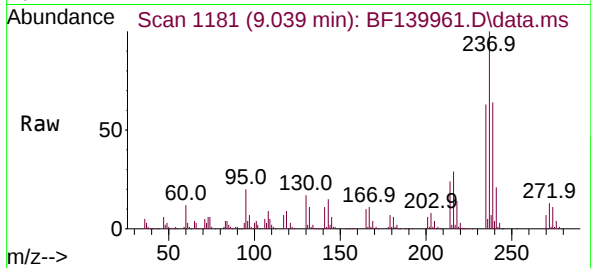
Ion	Ratio	Lower	Upper
216	100		
214	79.1	63.4	95.0
179	21.0	17.2	25.8
108	21.5	15.6	23.4





#41
Hexachlorocyclopentadiene
Concen: 174.977 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



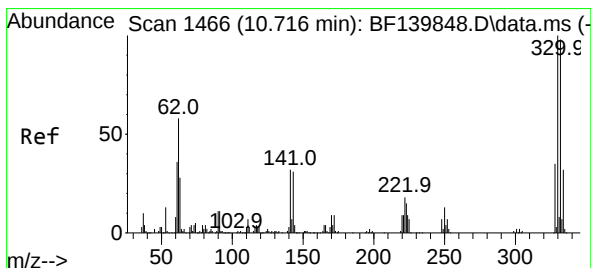
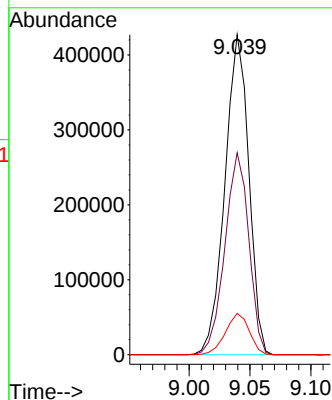
Tgt Ion:237 Resp: 58448
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.9 0.0 32.3

Manual Integrations
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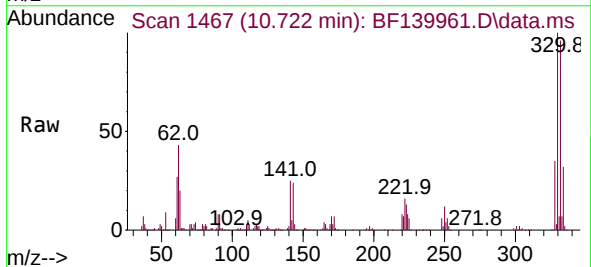
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

10/24/2024
Supervised By :mohammad
ahmed

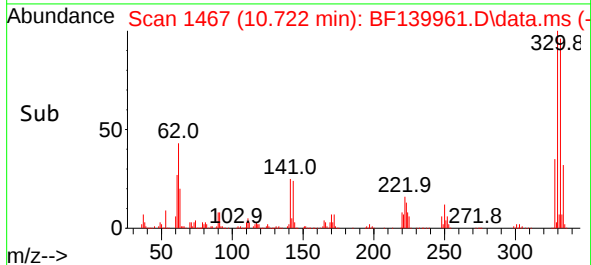
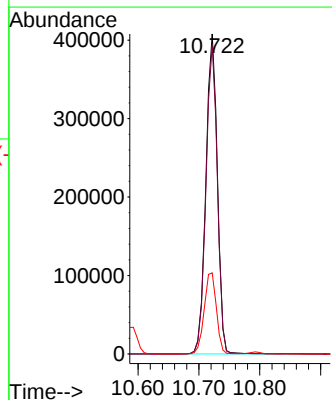
10/25/2024

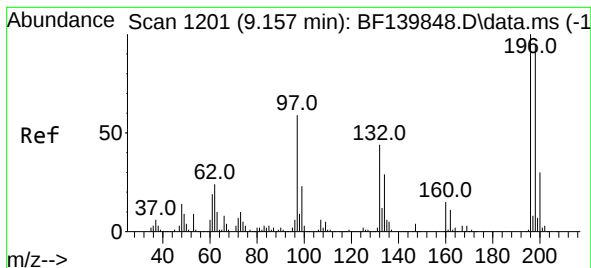


#42
2,4,6-Tribromophenol
Concen: 160.629 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



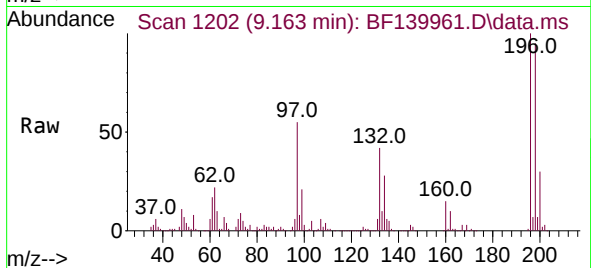
Tgt Ion:330 Resp: 534646
Ion Ratio Lower Upper
330 100
332 95.9 78.1 117.1
141 27.0 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 50.883 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



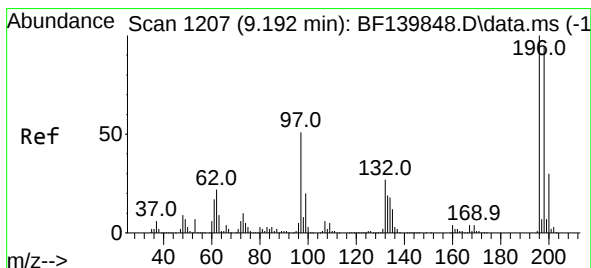
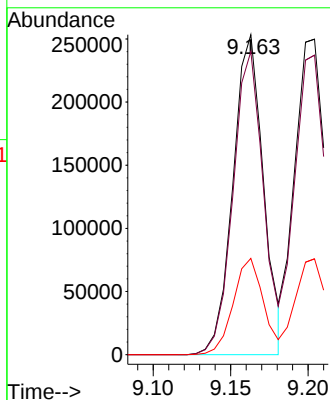
Tgt Ion:196 Resp: 34584
Ion Ratio Lower Upper
196 100
198 94.7 76.2 114.2
200 30.1 24.0 36.0

Manual Integrations
APPROVED

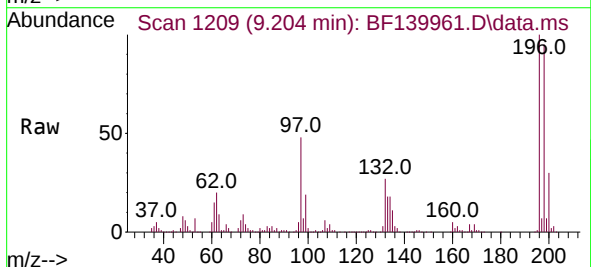
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

10/24/2024
Supervised By :mohammad
ahmed

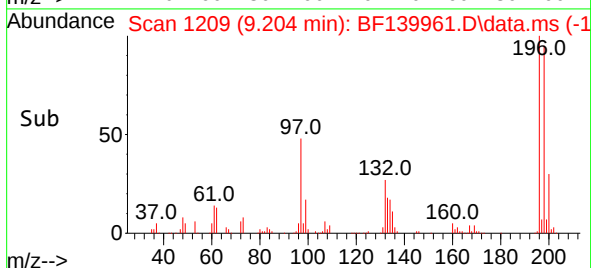
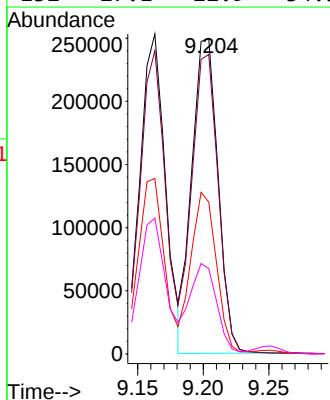
10/25/2024



#44
2,4,5-Trichlorophenol
Concen: 49.619 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



Tgt Ion:196 Resp: 347946
Ion Ratio Lower Upper
196 100
198 94.9 75.8 113.6
97 48.1 41.8 62.6
132 27.1 22.9 34.3





#45

2-Fluorobiphenyl

Concen: 90.399 ng

RT: 9.251 min Scan# 1217

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:172 Resp: 194639

Ion Ratio Lower Upper

172 100

171 35.9 28.6 43.0

170 24.1 19.1 28.7

Manual Integrations

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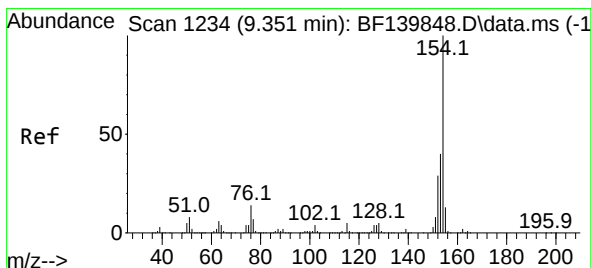
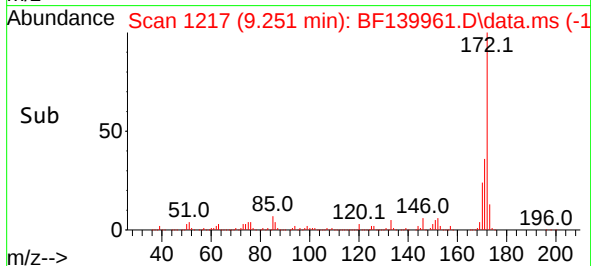
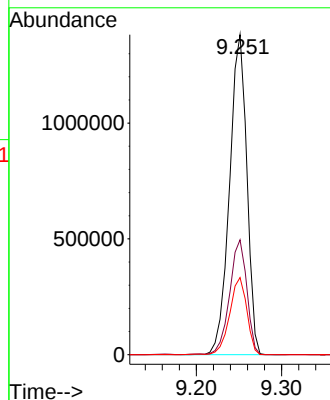
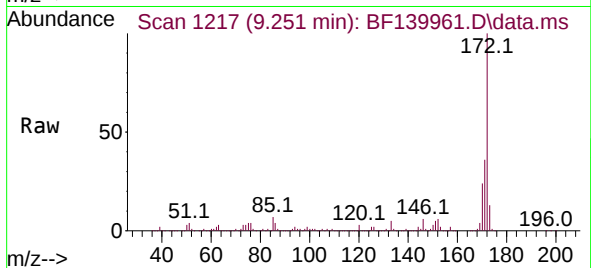
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

10/24/2024

Supervised By :mohammad
ahmed

10/25/2024



#46

1,1'-Biphenyl

Concen: 46.679 ng

RT: 9.351 min Scan# 1234

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

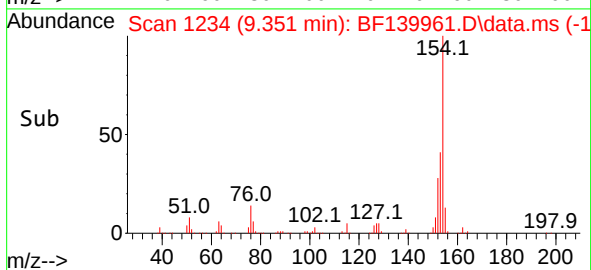
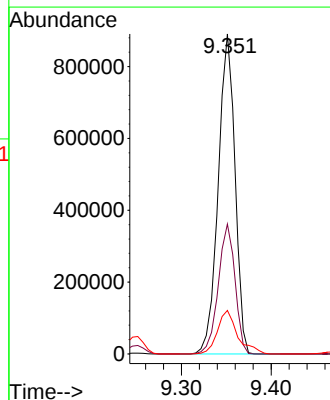
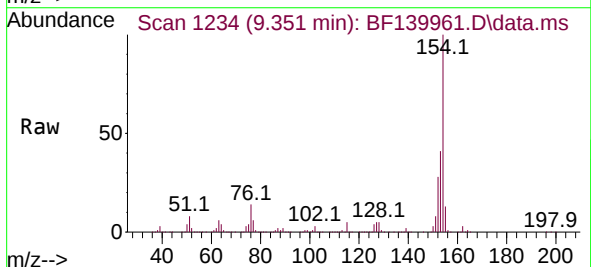
Tgt Ion:154 Resp: 1156329

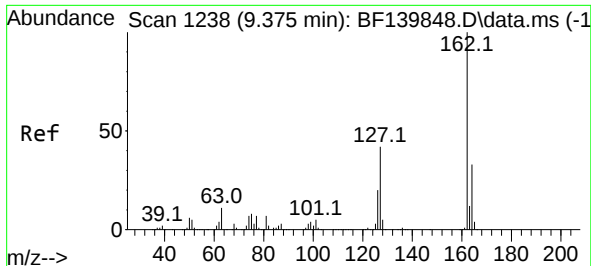
Ion Ratio Lower Upper

154 100

153 40.6 20.3 60.3

76 13.6 0.0 33.9





#47

2-Chloronaphthalene

Concen: 46.100 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:162 Resp: 919760
 Ion Ratio Lower Upper
 162 100
 127 42.3 33.8 50.6
 164 32.9 26.6 39.8

Manual Integrations

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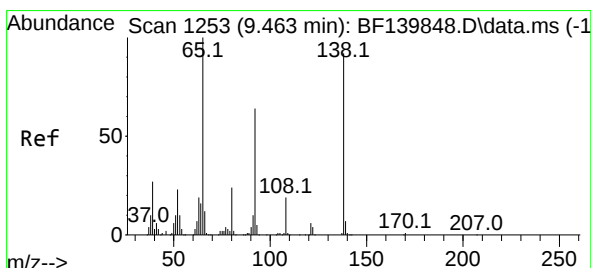
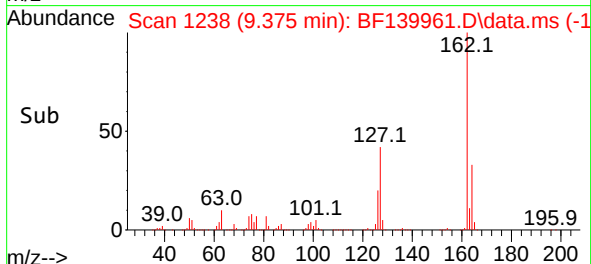
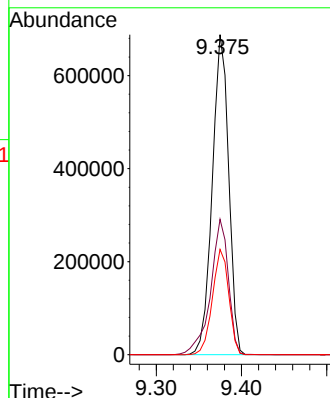
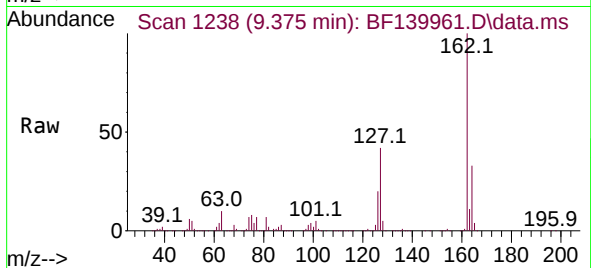
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

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Supervised By :mohammad
ahmed

10/25/2024



#48

2-Nitroaniline

Concen: 53.753 ng

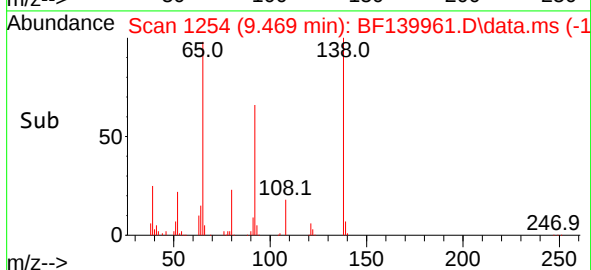
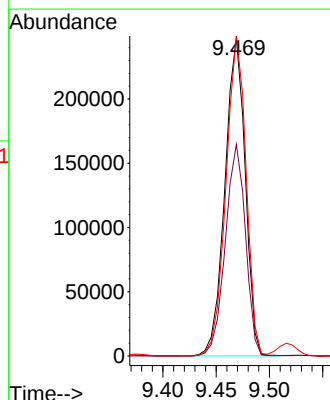
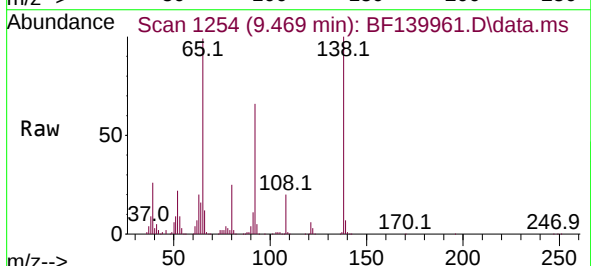
RT: 9.469 min Scan# 1254

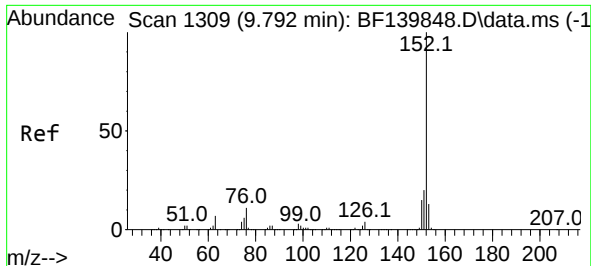
Delta R.T. 0.006 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

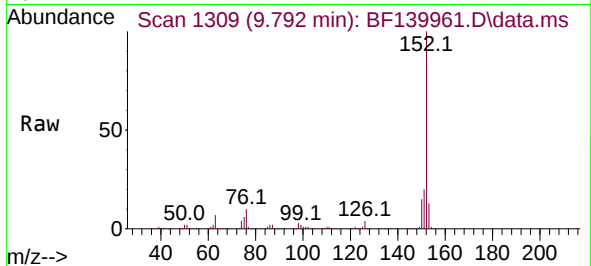
Tgt Ion: 65 Resp: 328006
 Ion Ratio Lower Upper
 65 100
 92 66.5 50.9 76.3
 138 100.6 73.4 110.0





#49
Acenaphthylene
Concen: 50.532 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



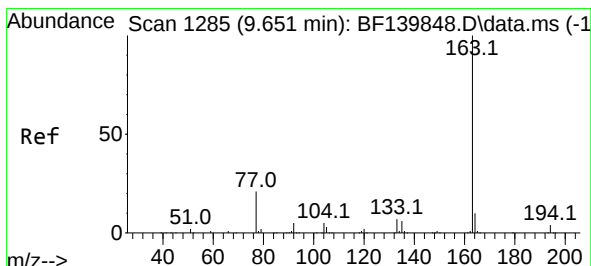
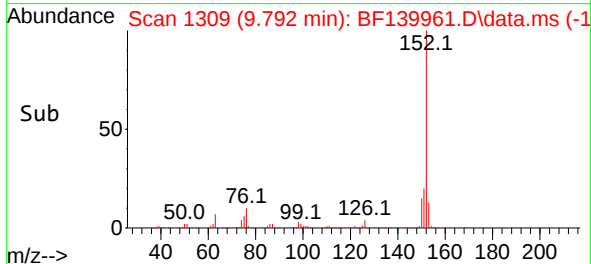
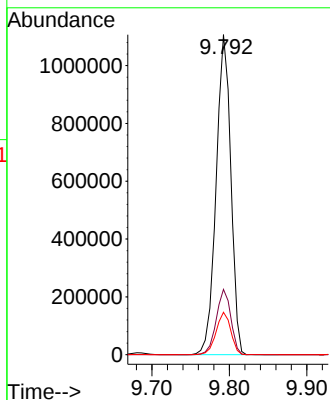
Tgt Ion:152 Resp: 145754
Ion Ratio Lower Upper
152 100
151 20.4 15.9 23.9
153 13.3 10.7 16.1

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Supervised By :mohammad ahmed 10/25/2024

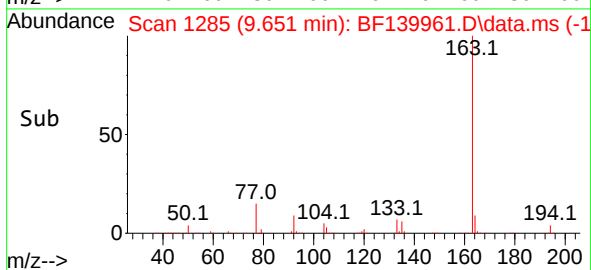
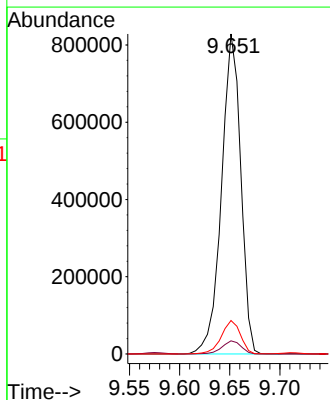
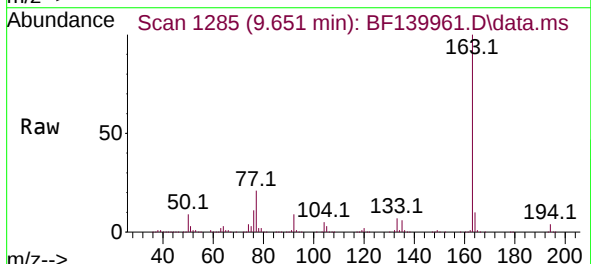
10/24/2024
Supervised By :mohammad
ahmed

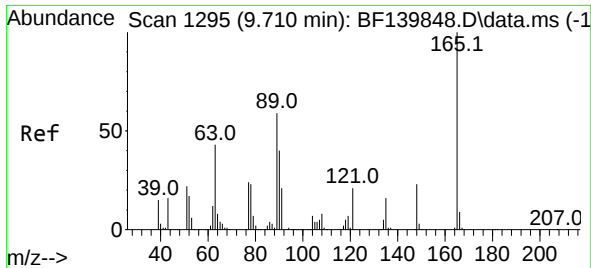
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#50
Dimethylphthalate
Concen: 49.841 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

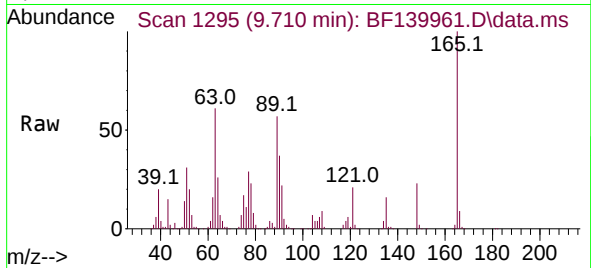
Tgt Ion:163 Resp: 1104702
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 52.239 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



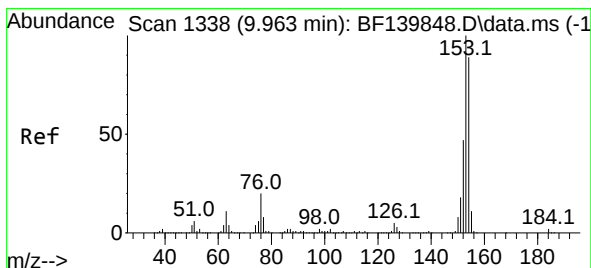
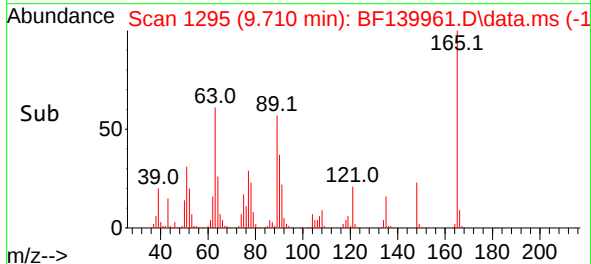
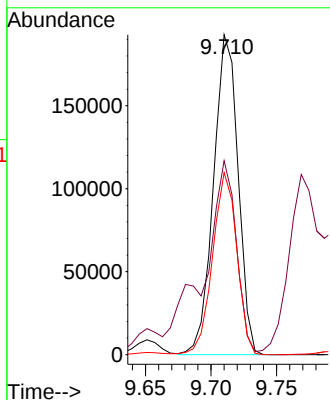
Tgt Ion:165 Resp: 25070
Ion Ratio Lower Upper
165 100
63 60.6 50.6 75.8
89 56.9 47.5 71.3

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Supervised By :mohammad ahmed 10/25/2024

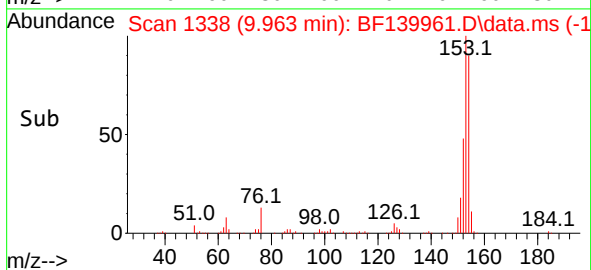
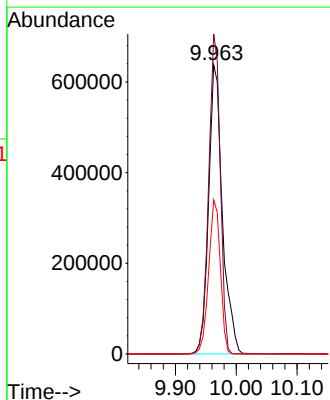
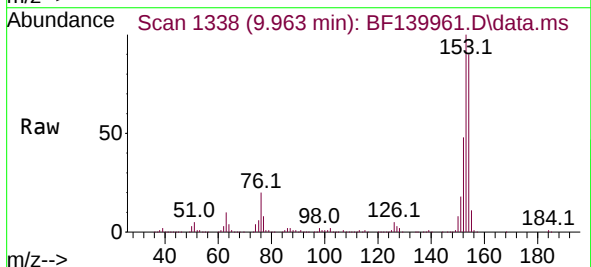
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Supervised By :mohammad
ahmed

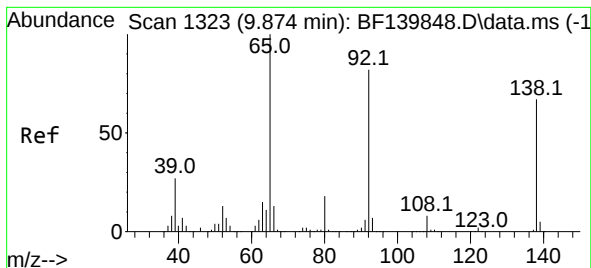
10/25/2024



#52
Acenaphthene
Concen: 53.913 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:154 Resp: 1005969
Ion Ratio Lower Upper
154 100
153 110.7 89.8 134.6
152 53.3 42.4 63.6





#53
3-Nitroaniline
Concen: 30.654 ng
RT: 9.881 min Scan# 1324
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:138 Resp: 151700
Ion Ratio Lower Upper
138 100
108 10.8 10.2 15.2
92 114.5 98.3 147.5

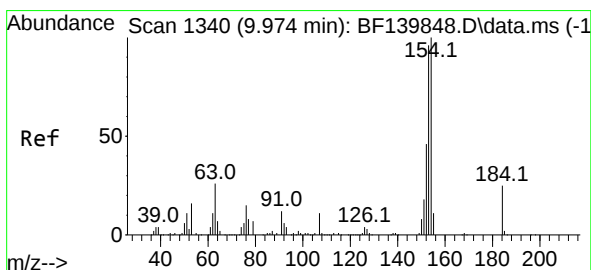
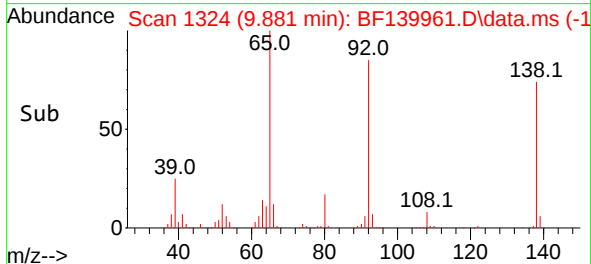
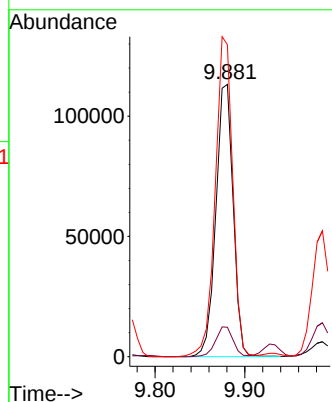
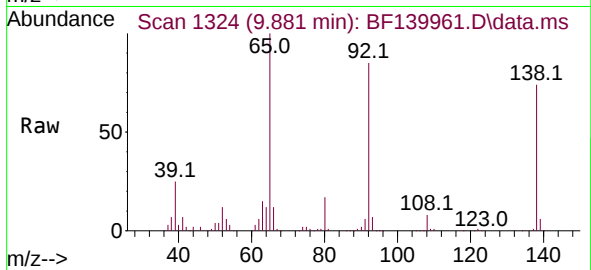
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

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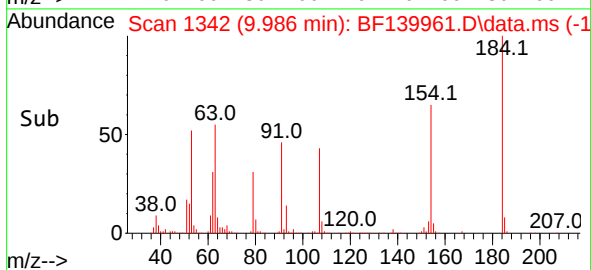
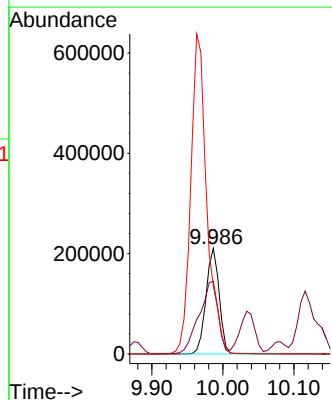
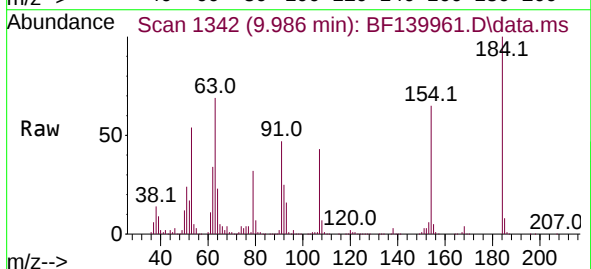
Supervised By :mohammad
ahmed

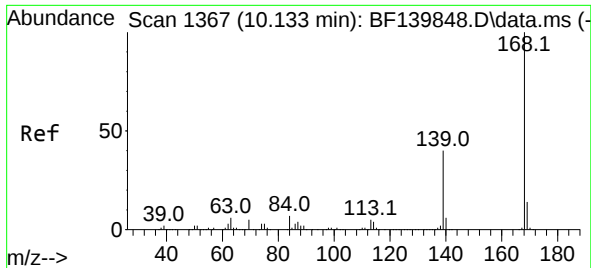
10/25/2024



#54
2,4-Dinitrophenol
Concen: 132.288 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

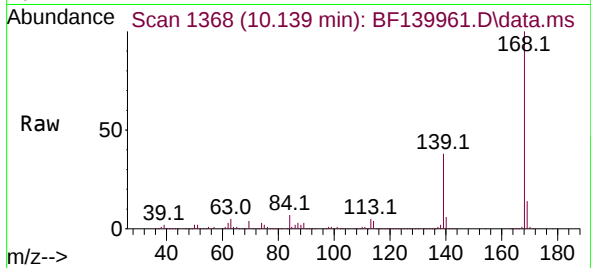
Tgt Ion:184 Resp: 273036
Ion Ratio Lower Upper
184 100
63 68.8 84.7 127.1#
154 65.0 338.2 507.2#





#55
Dibenzenofuran
Concen: 47.609 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



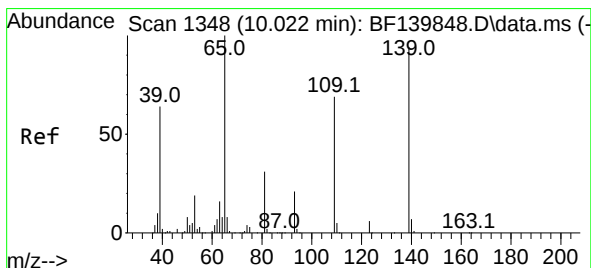
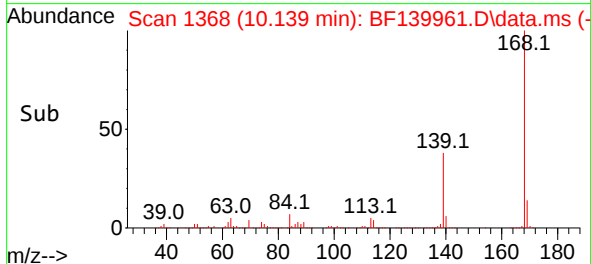
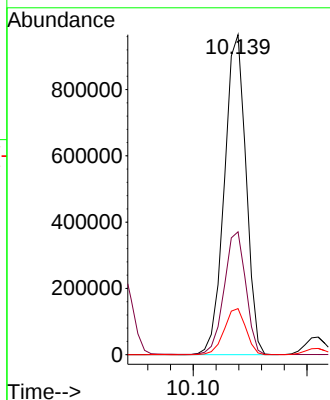
Tgt Ion:168 Resp: 127454
Ion Ratio Lower Upper
168 100
139 38.4 31.8 47.6
169 14.4 11.6 17.4

Manual Integrations
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Supervised By :mohammad ahmed 10/25/2024

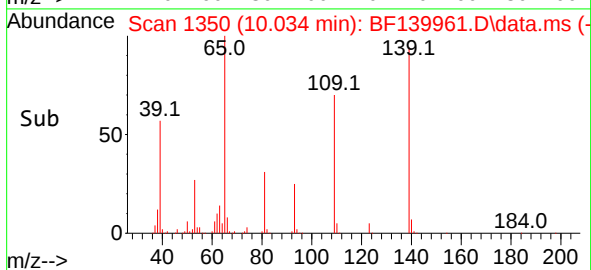
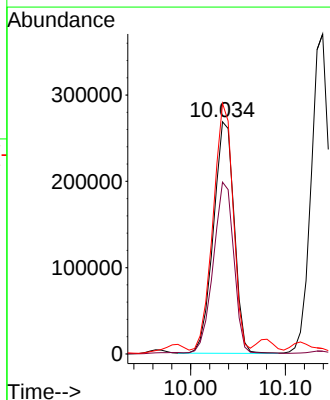
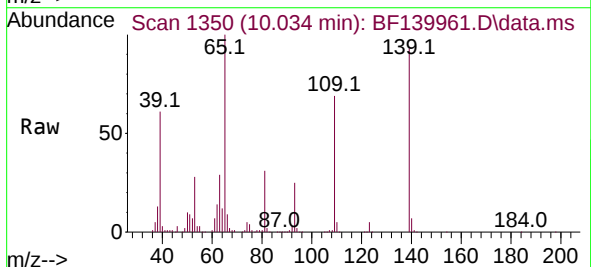
10/24/2024
Supervised By :mohammad
ahmed

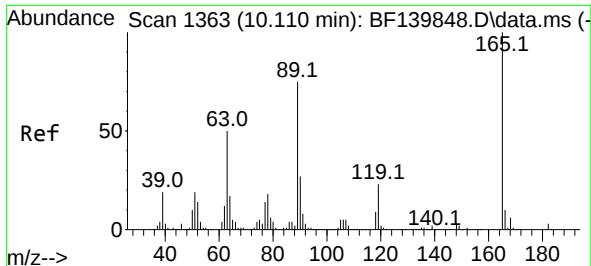
10/25/2024



#56
4-Nitrophenol
Concen: 107.223 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:139 Resp: 408257
Ion Ratio Lower Upper
139 100
109 74.0 53.6 93.6
65 107.9 87.8 127.8





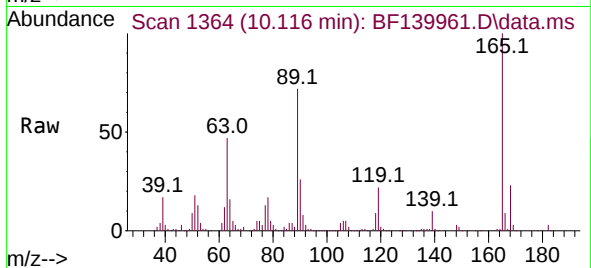
#57
2,4-Dinitrotoluene
Concen: 57.721 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:165 Resp: 340640
Ion Ratio Lower Upper
165 100
63 47.5 40.1 60.1
89 72.1 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations

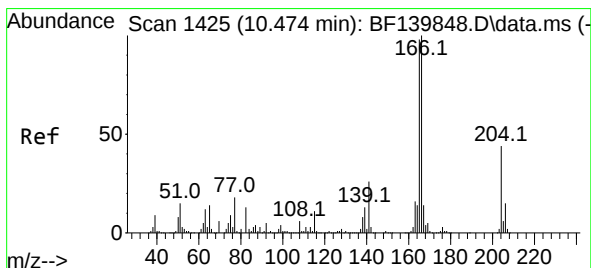
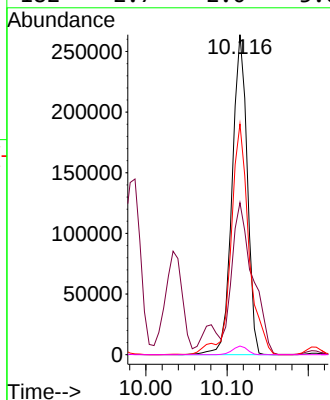
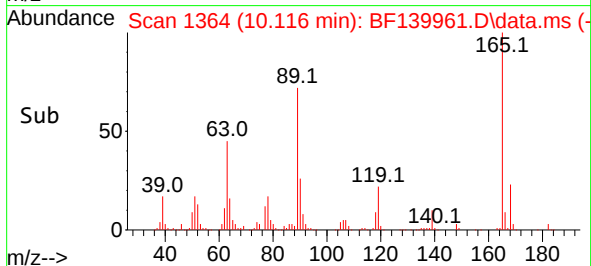
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

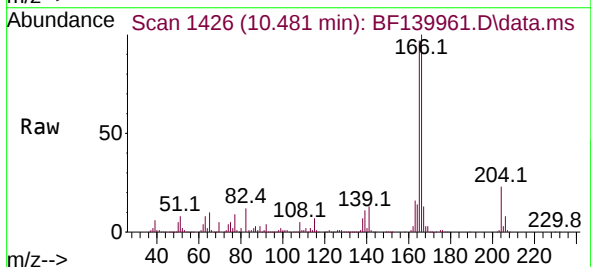
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ahmed

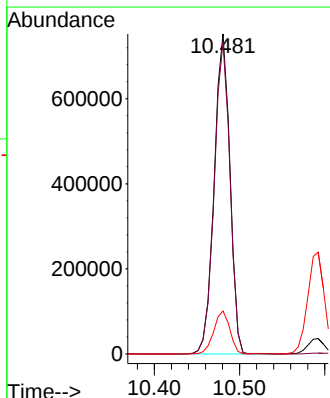
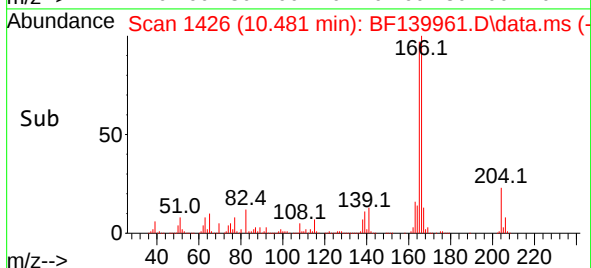
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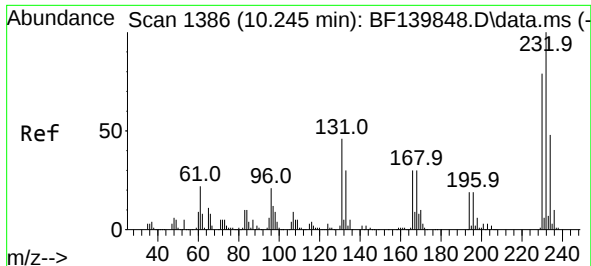


#58
Fluorene
Concen: 47.441 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



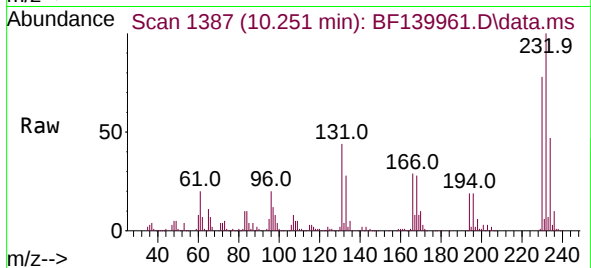
Tgt Ion:166 Resp: 967345
Ion Ratio Lower Upper
166 100
165 97.3 78.5 117.7
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.938 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



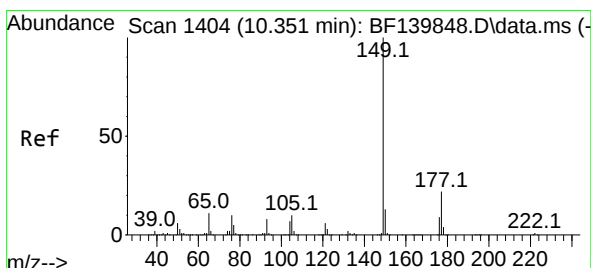
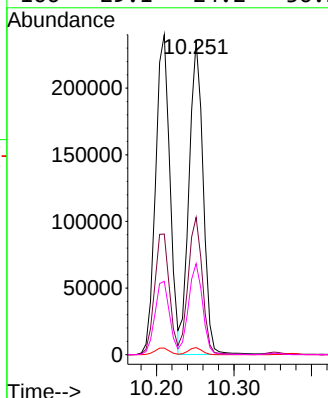
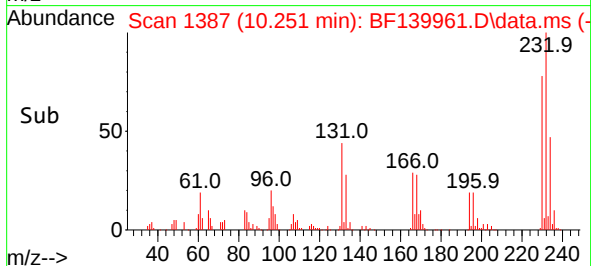
Tgt Ion:232 Resp: 296508
Ion Ratio Lower Upper
232 100
131 44.2 37.0 55.6
130 2.2 1.9 2.9
166 29.1 24.2 36.2

Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

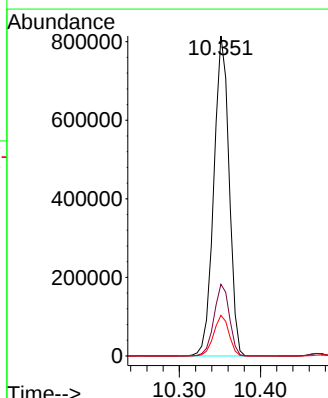
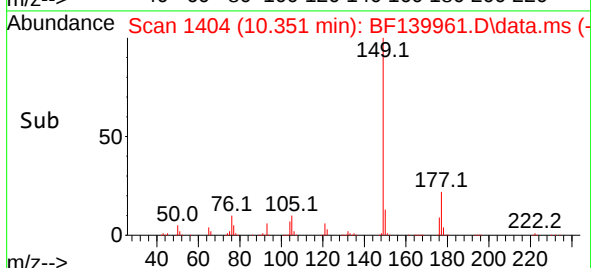
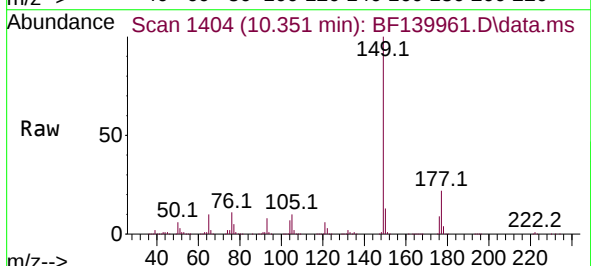
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Supervised By :mohammad
ahmed

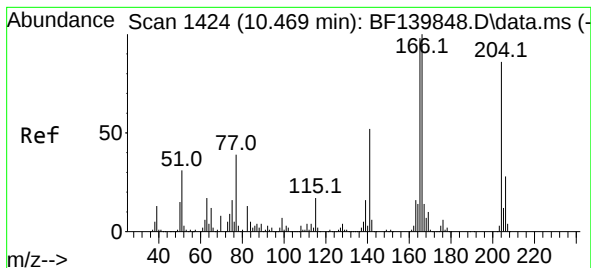
10/25/2024



#60
Diethylphthalate
Concen: 48.995 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

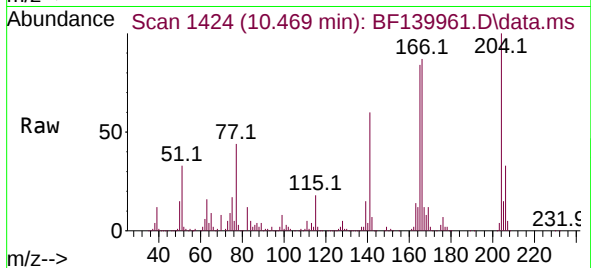
Tgt Ion:149 Resp: 1066263
Ion Ratio Lower Upper
149 100
177 22.4 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.555 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



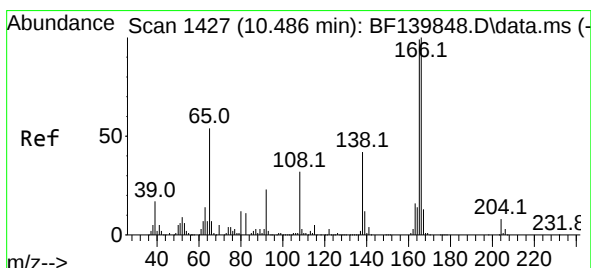
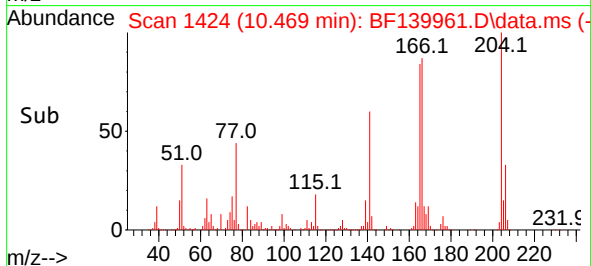
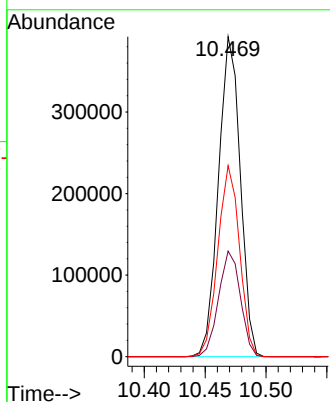
Tgt Ion:204 Resp: 489688
Ion Ratio Lower Upper
204 100
206 33.0 26.3 39.5
141 59.7 48.6 73.0

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Supervised By :mohammad ahmed 10/25/2024

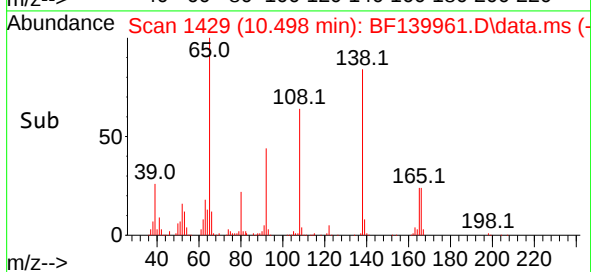
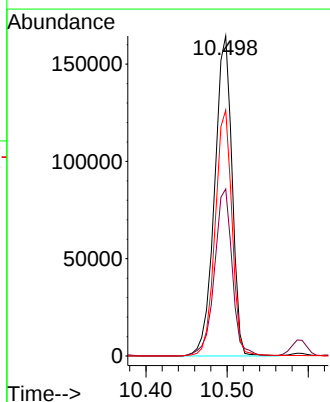
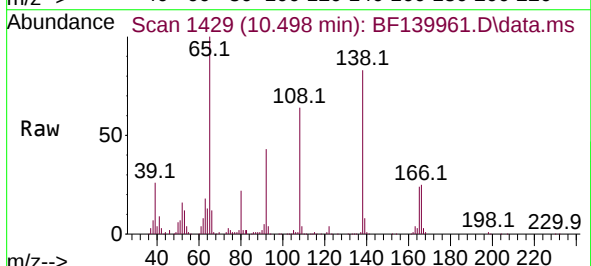
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Supervised By :mohammad
ahmed

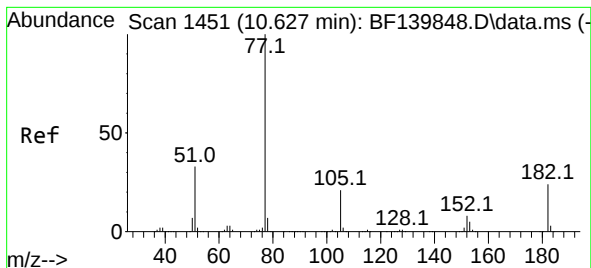
10/25/2024



#62
4-Nitroaniline
Concen: 52.592 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:138 Resp: 245826
Ion Ratio Lower Upper
138 100
92 52.2 35.7 75.7
108 76.8 57.5 97.5





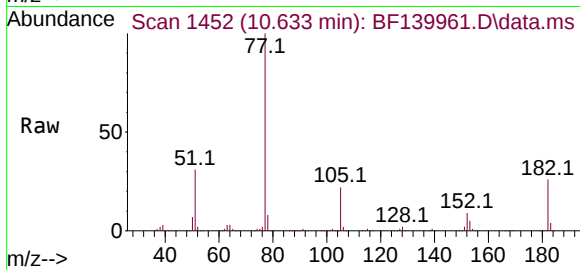
#63
Azobenzene
Concen: 47.468 ng
RT: 10.633 min Scan# 1452
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion: 77 Resp: 1095170
Ion Ratio Lower Upper
77 100
182 26.1 3.3 43.3
105 22.1 1.2 41.2
51 31.5 13.3 53.3

Manual Integrations

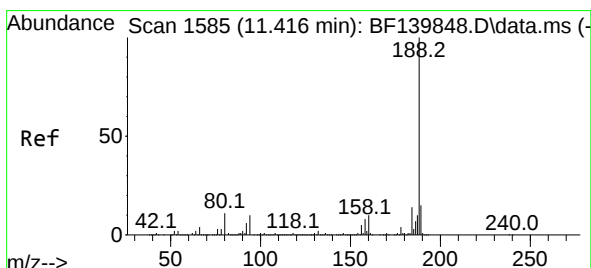
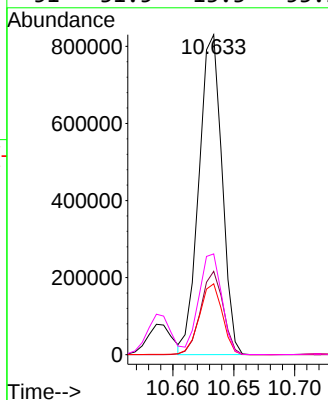
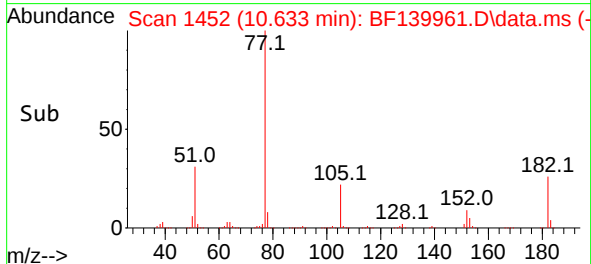
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Supervised By :mohammad ahmed 10/25/2024

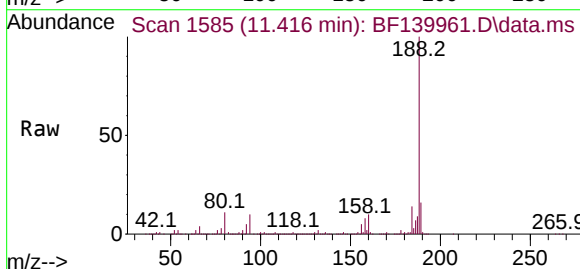
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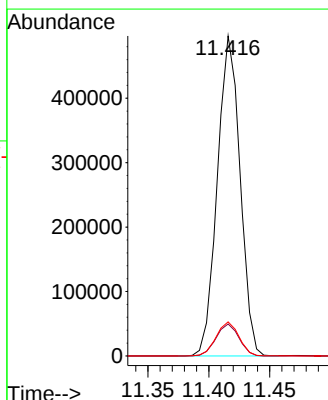
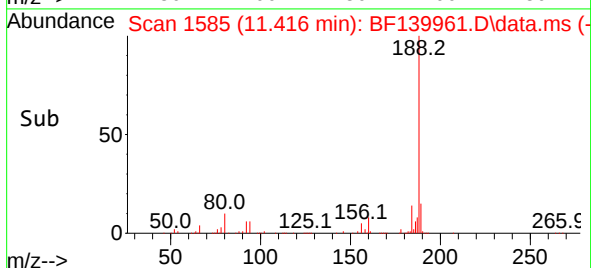
10/25/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



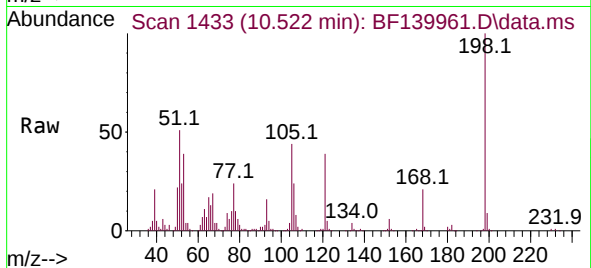
Tgt Ion:188 Resp: 646570
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 70.450 ng
RT: 10.522 min Scan# 1433
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



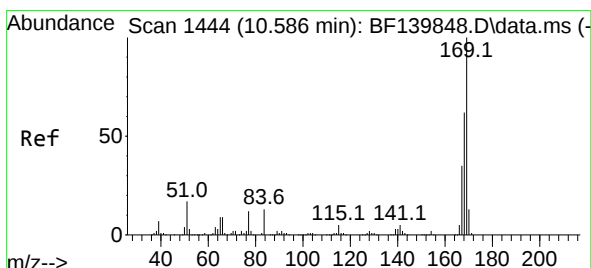
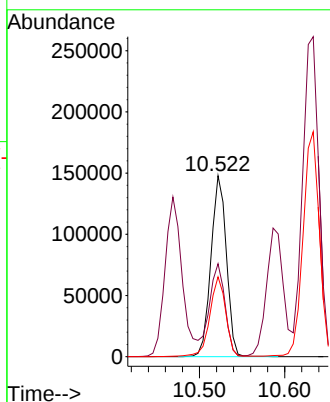
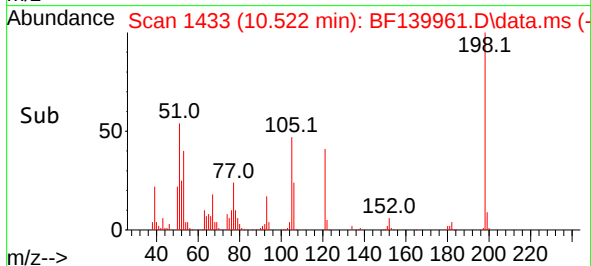
Tgt Ion:198 Resp: 185801
Ion Ratio Lower Upper
198 100
51 51.4 38.2 78.2
105 44.1 27.9 67.9

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Supervised By :mohammad ahmed 10/25/2024

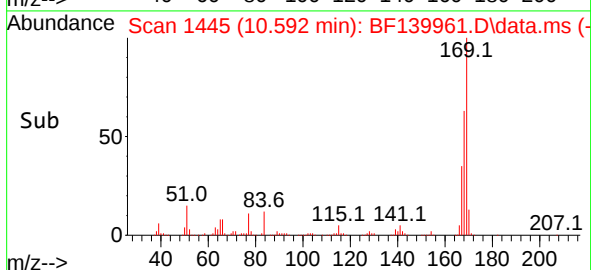
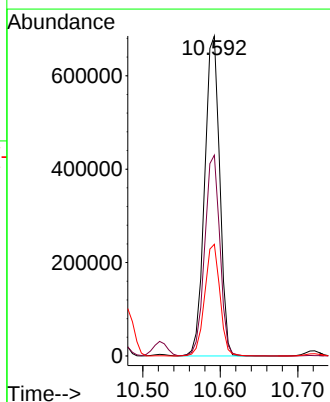
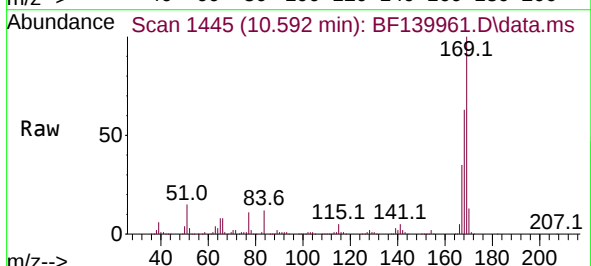
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ahmed

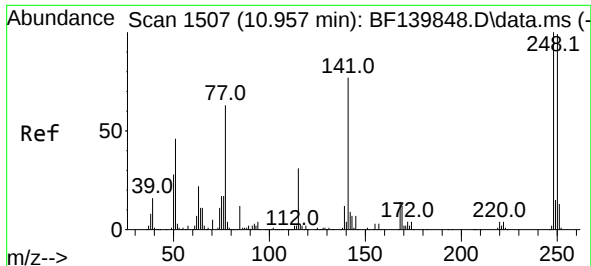
10/25/2024



#66
n-Nitrosodiphenylamine
Concen: 47.689 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

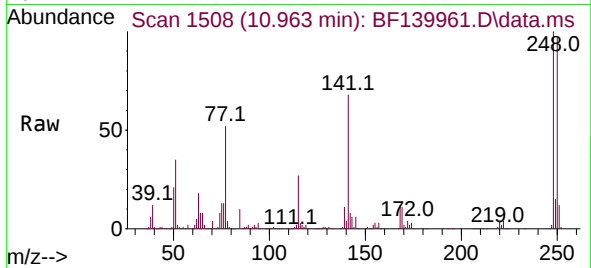
Tgt Ion:169 Resp: 922858
Ion Ratio Lower Upper
169 100
168 62.8 49.8 74.6
167 34.9 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 48.711 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



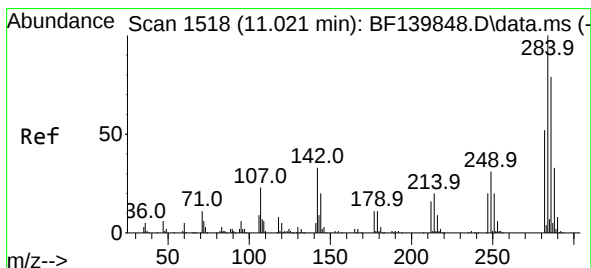
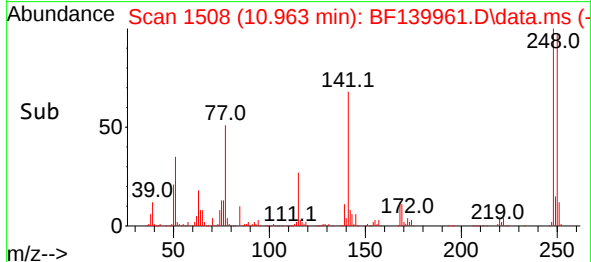
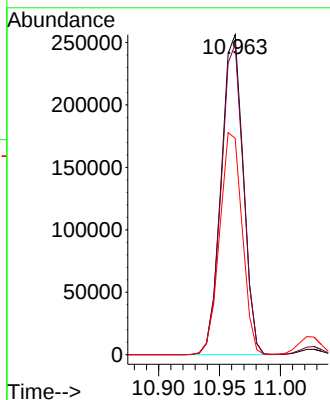
Tgt Ion:248 Resp: 324462
Ion Ratio Lower Upper
248 100
250 97.0 79.0 118.6
141 67.6 61.7 92.5

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Supervised By :mohammad ahmed 10/25/2024

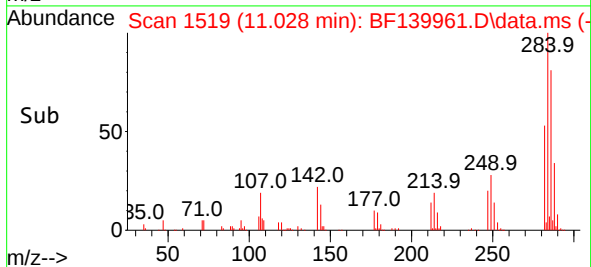
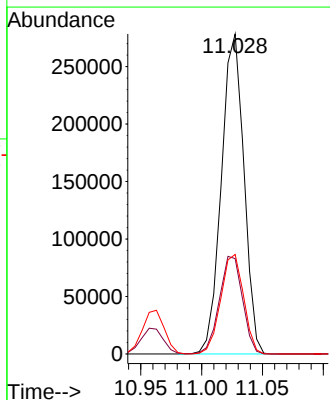
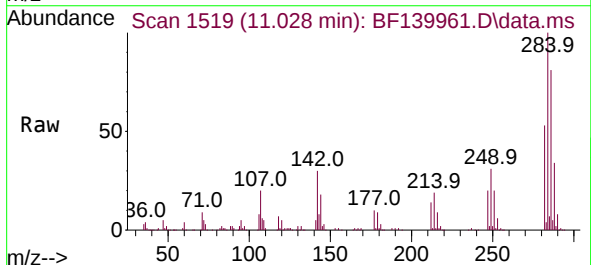
10/24/2024
Supervised By :mohammad
ahmed

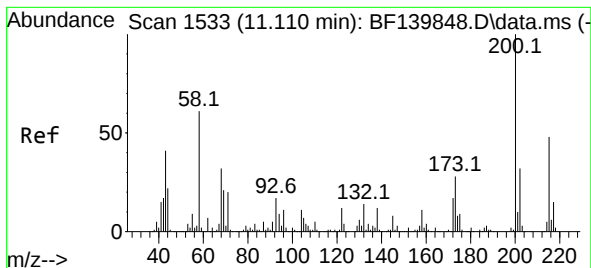
10/25/2024



#68
Hexachlorobenzene
Concen: 47.884 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:284 Resp: 358709
Ion Ratio Lower Upper
284 100
142 29.8 26.9 40.3
249 31.1 25.3 37.9





#69

Atrazine

Concen: 58.567 ng

RT: 11.116 min Scan# 1533

Delta R.T. 0.006 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:200 Resp: 30701
 Ion Ratio Lower Upper
 200 100
 173 27.3 7.7 47.7
 215 47.8 27.7 67.7

Manual Integrations

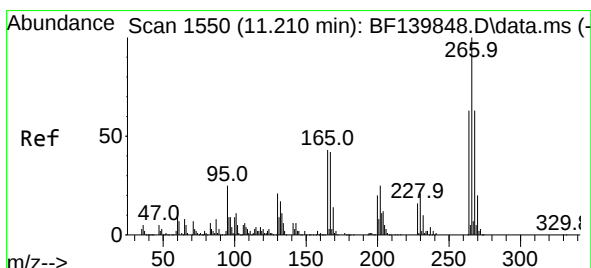
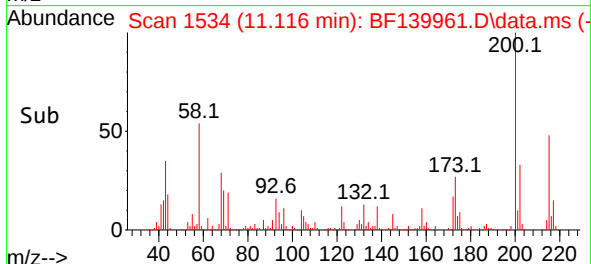
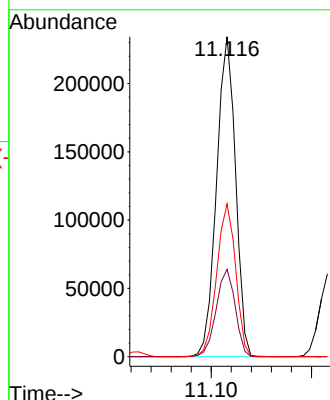
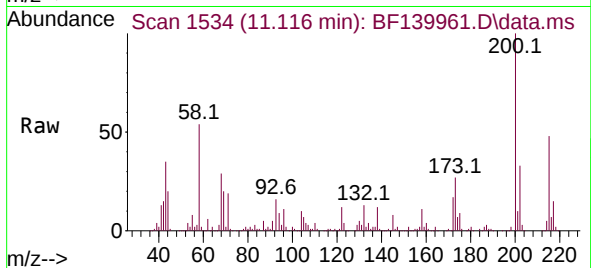
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 Supervised By :mohammad ahmed 10/25/2024

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 ahmed

10/25/2024



#70

Pentachlorophenol

Concen: 99.955 ng

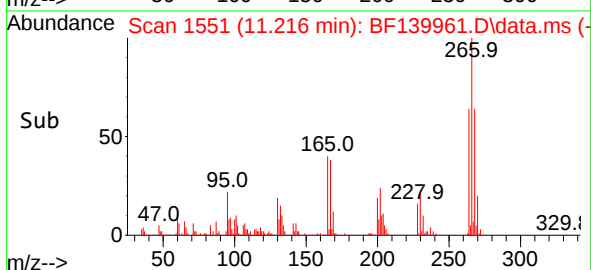
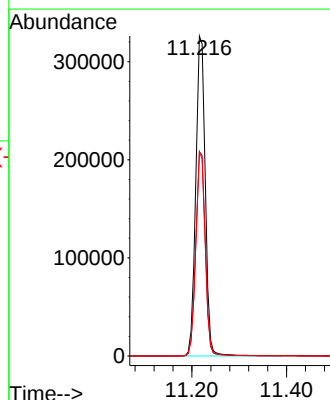
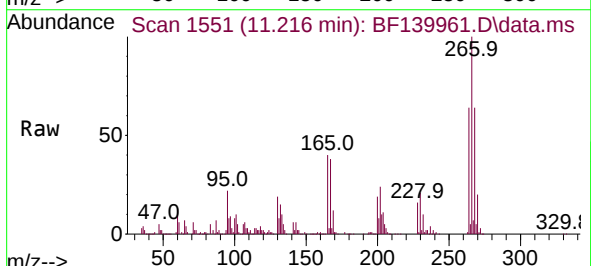
RT: 11.216 min Scan# 1551

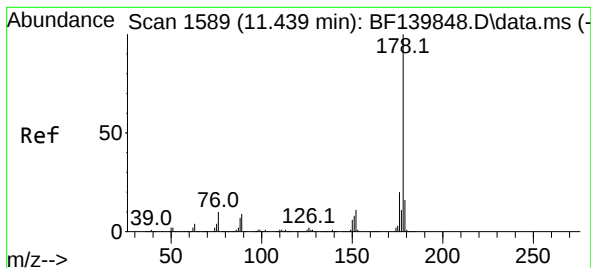
Delta R.T. 0.006 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Tgt Ion:266 Resp: 454447
 Ion Ratio Lower Upper
 266 100
 268 63.9 50.4 75.6
 264 63.8 50.6 75.8





#71

Phenanthrene

Concen: 47.522 ng

RT: 11.445 min Scan# 1590

Delta R.T. 0.006 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD

Tgt Ion:178 Resp: 145137

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.6

179 15.7 12.6 18.8

Manual Integrations

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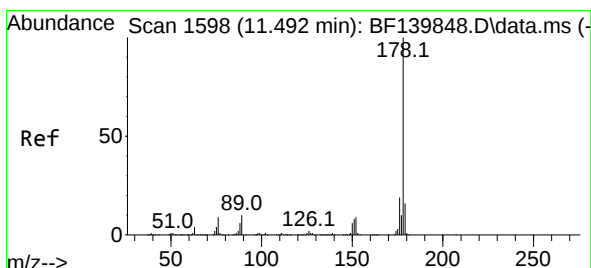
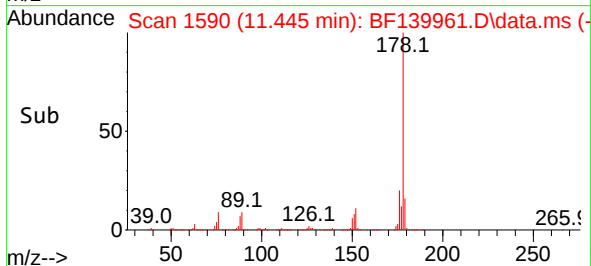
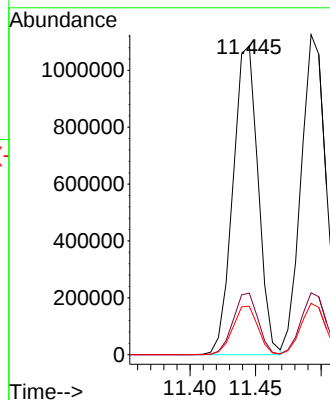
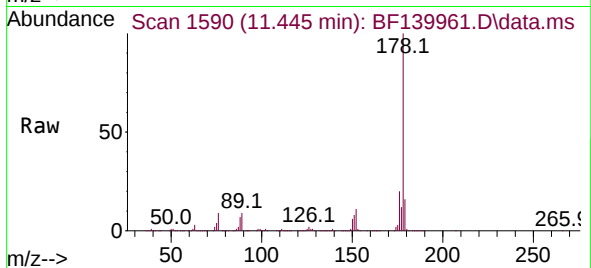
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

10/24/2024

Supervised By :mohammad
ahmed

10/25/2024



#72

Anthracene

Concen: 49.270 ng

RT: 11.492 min Scan# 1598

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

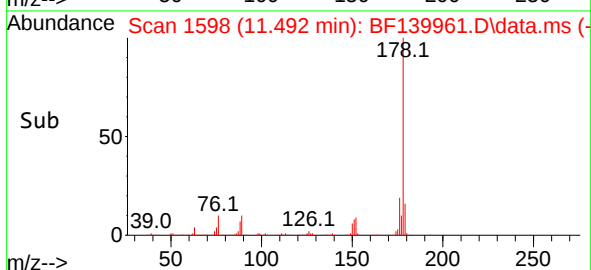
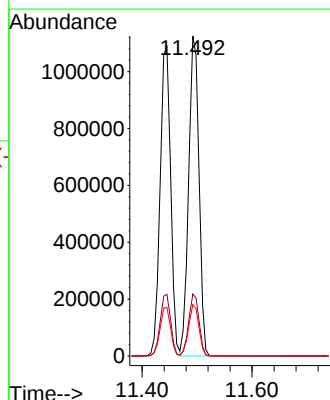
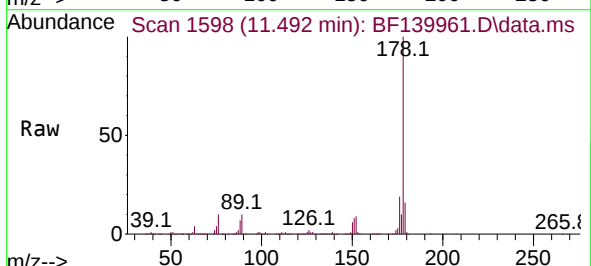
Tgt Ion:178 Resp: 1468169

Ion Ratio Lower Upper

178 100

176 19.3 15.3 22.9

179 16.0 12.4 18.6





#73

Carbazole

Concen: 46.596 ng

RT: 11.645 min Scan# 1624

Delta R.T. 0.006 min

Lab File: BF139961.D

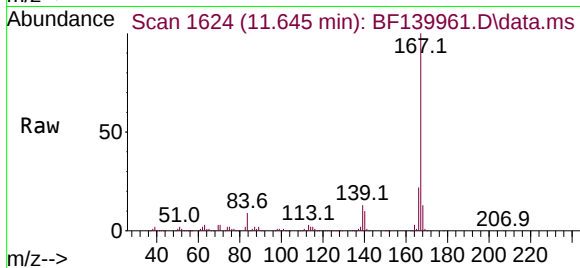
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:167 Resp: 1291330

Ion Ratio Lower Upper

167 100

166 21.6 17.0 25.6

139 13.3 10.8 16.2

Manual Integrations

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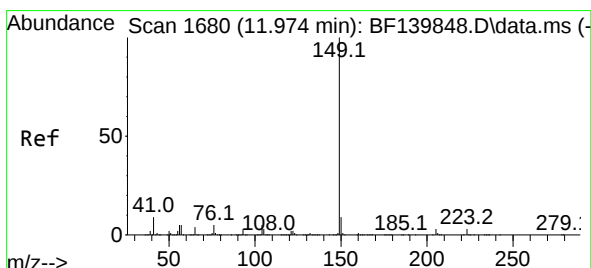
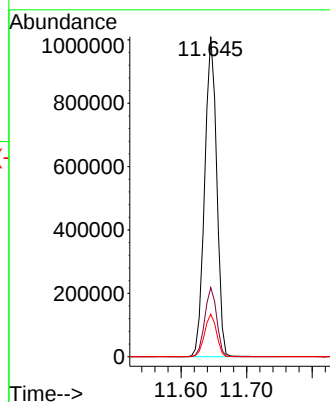
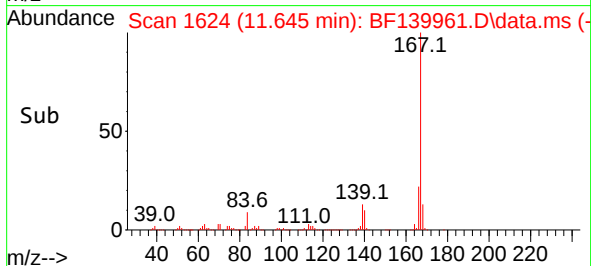
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

10/24/2024

Supervised By :mohammad
ahmed

10/25/2024



#74

Di-n-butylphthalate

Concen: 48.750 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

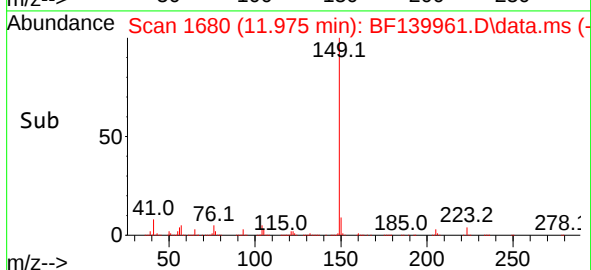
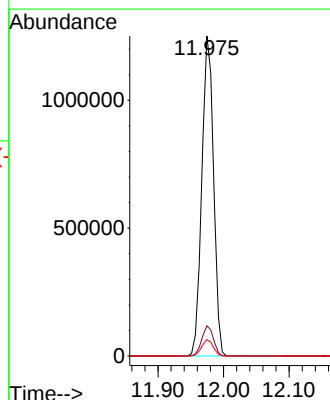
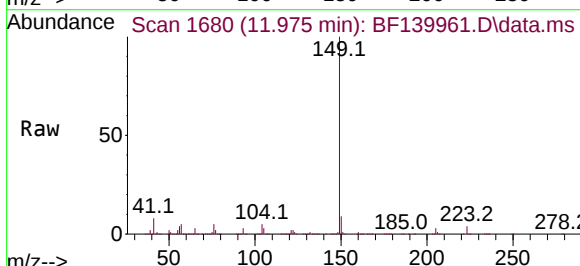
Tgt Ion:149 Resp: 1560879

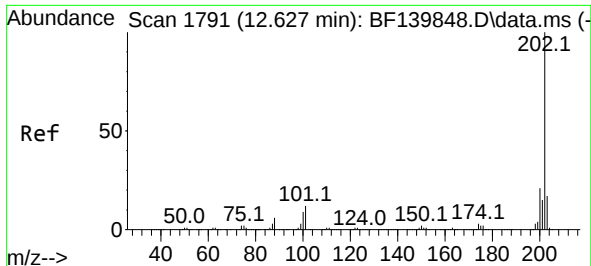
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

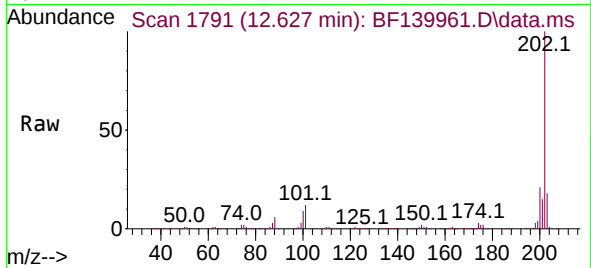
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 46.546 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



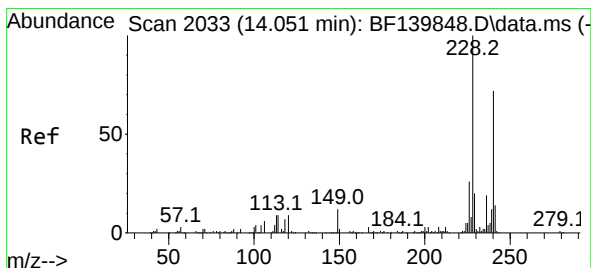
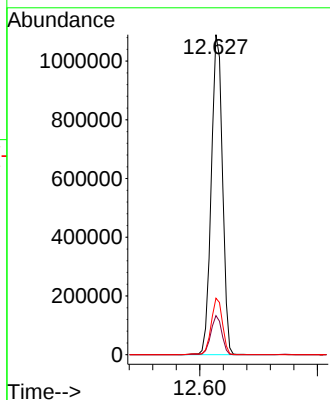
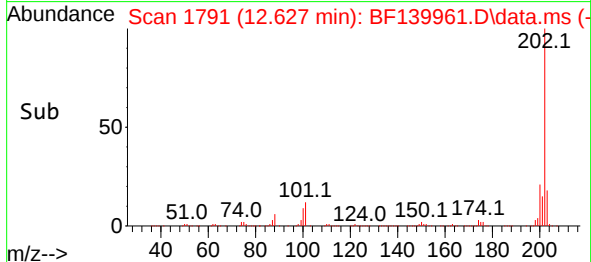
Tgt Ion:202 Resp: 1437108
Ion Ratio Lower Upper
202 100
101 12.2 0.0 31.9
203 17.7 0.0 37.5

Manual Integrations
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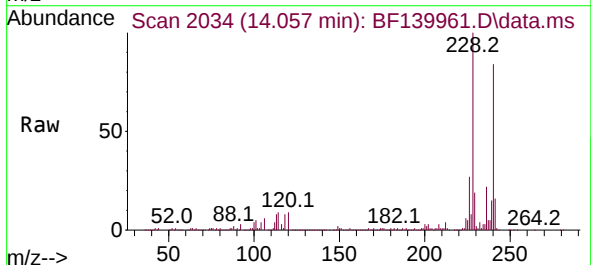
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

10/24/2024
Supervised By :mohammad
ahmed

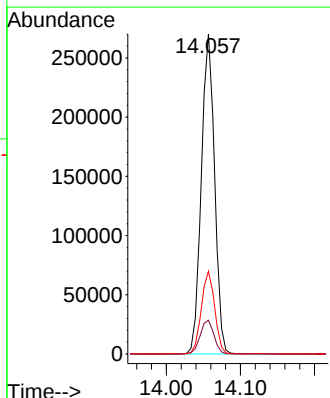
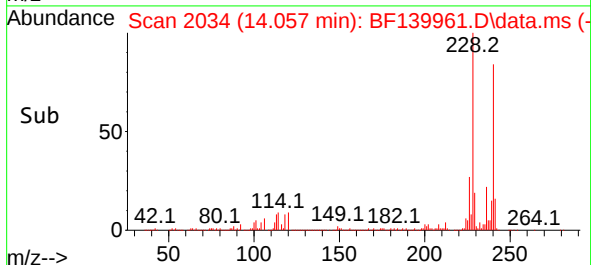
10/25/2024

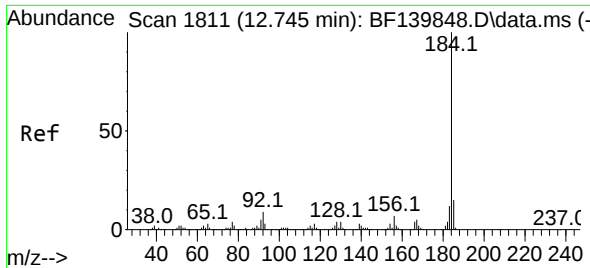


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



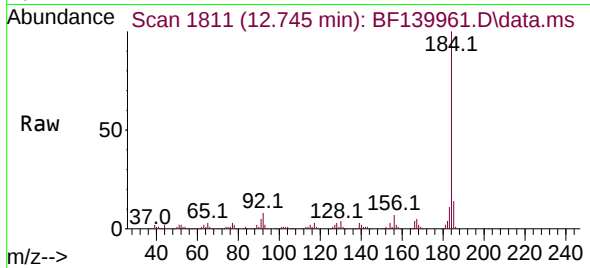
Tgt Ion:240 Resp: 335936
Ion Ratio Lower Upper
240 100
120 10.6 9.4 14.2
236 25.8 20.9 31.3





#77
Benzidine
Concen: 56.235 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

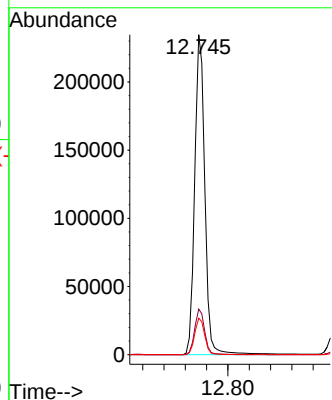
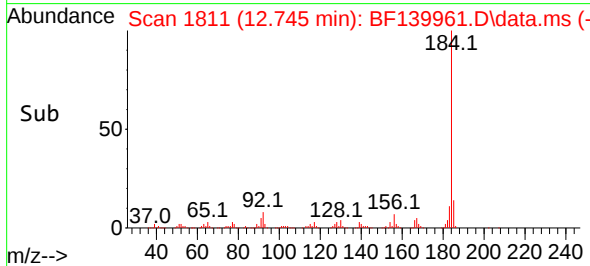
Instrument :
BNA_F
ClientSampleId :
PB164154BSD



Tgt Ion:184 Resp: 31063
Ion Ratio Lower Upper
184 100
185 14.2 12.0 18.0
183 11.4 9.4 14.2

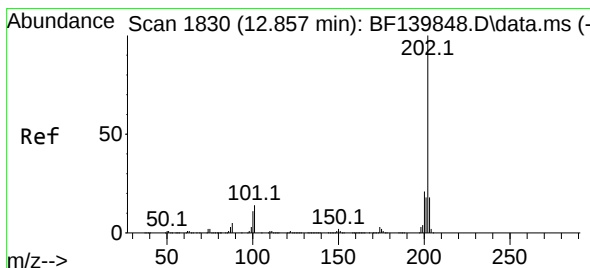
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024



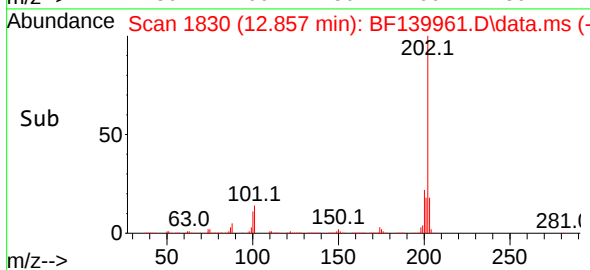
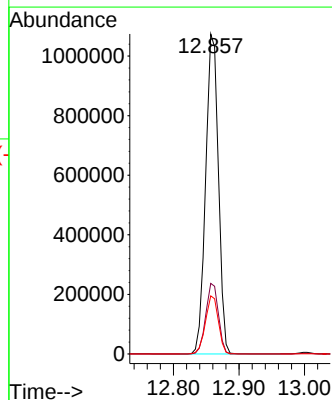
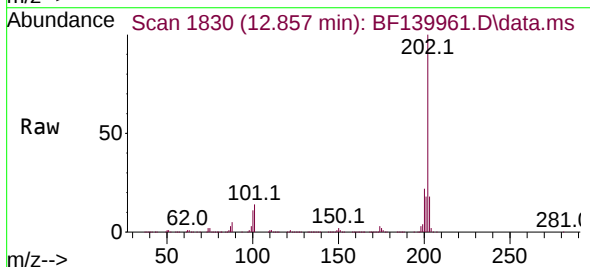
10/24/2024
Supervised By :mohammad
ahmed

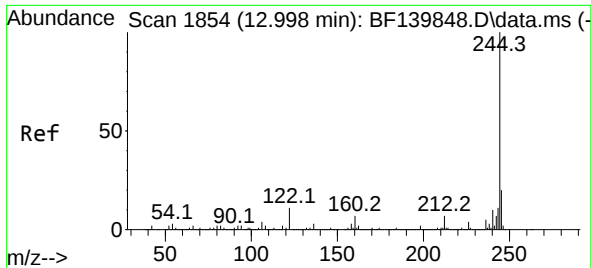
10/25/2024



#78
Pyrene
Concen: 49.490 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

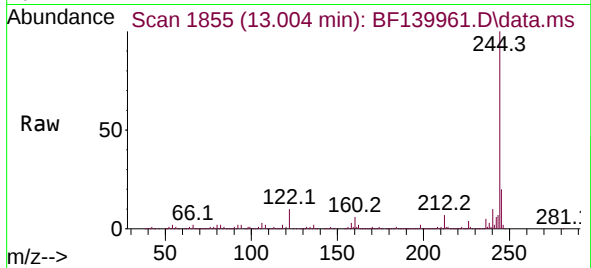
Tgt Ion:202 Resp: 1455283
Ion Ratio Lower Upper
202 100
200 22.0 17.2 25.8
203 18.2 14.2 21.4





#79
Terphenyl-d14
Concen: 100.404 ng
RT: 13.004 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



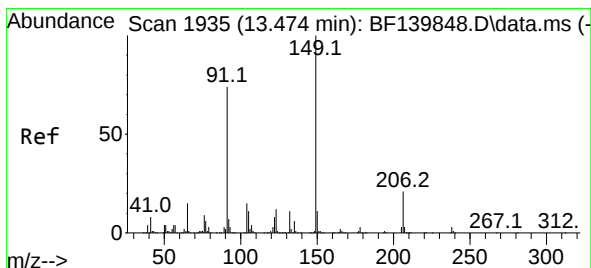
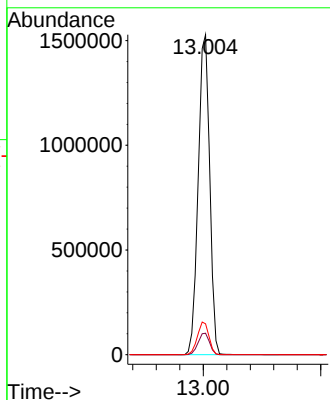
Tgt Ion:244 Resp: 206995
Ion Ratio Lower Upper
244 100
212 6.7 5.7 8.5
122 9.7 8.6 13.0

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Supervised By :mohammad ahmed 10/25/2024

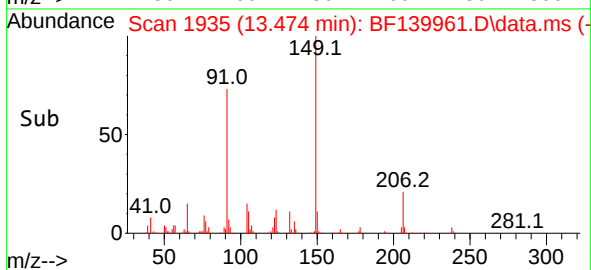
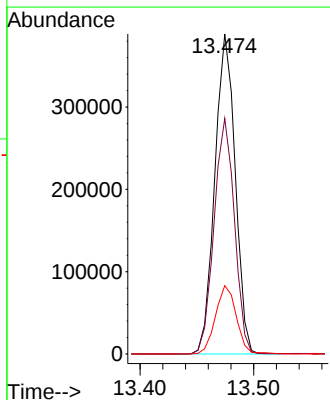
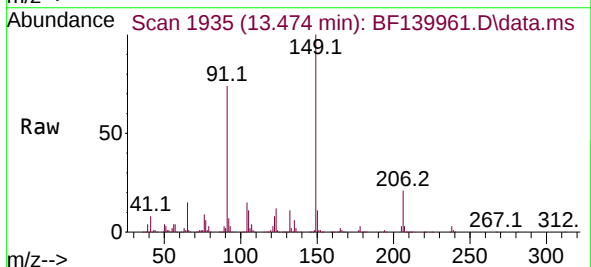
10/24/2024
Supervised By :mohammad
ahmed

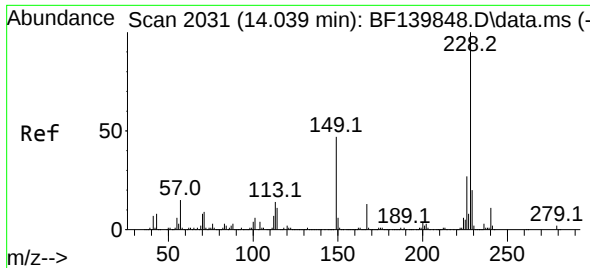
10/25/2024



#80
Butylbenzylphthalate
Concen: 55.067 ng
RT: 13.474 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:149 Resp: 485460
Ion Ratio Lower Upper
149 100
91 73.6 59.4 89.2
206 21.4 16.4 24.6





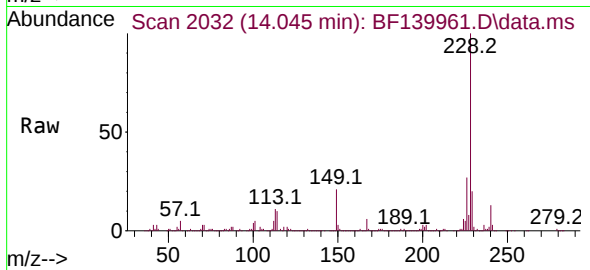
#81
Benzo(a)anthracene
Concen: 49.794 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:228 Resp: 108891
Ion Ratio Lower Upper
228 100
226 27.1 21.6 32.4
229 19.6 16.1 24.1

Manual Integrations

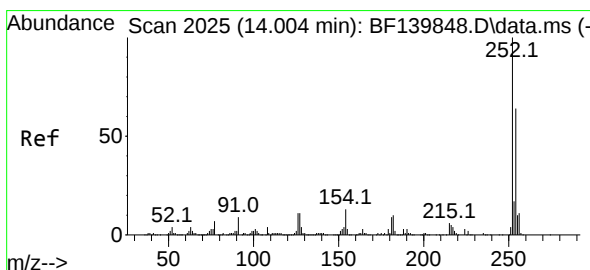
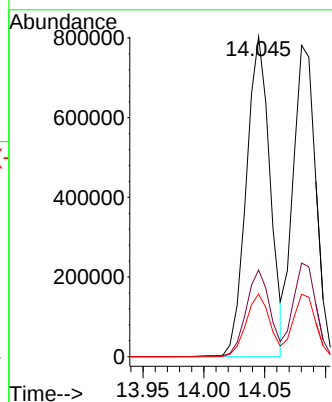
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

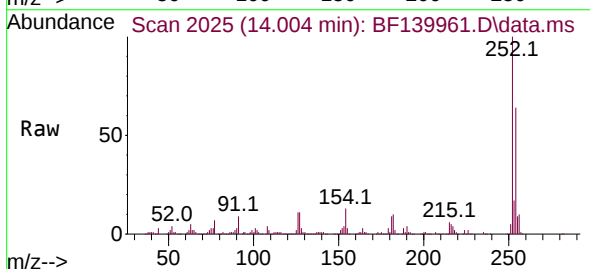
10/24/2024

Supervised By :mohammad
ahmed

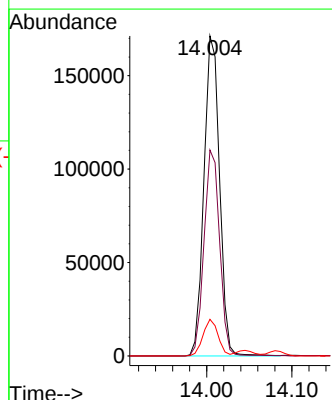
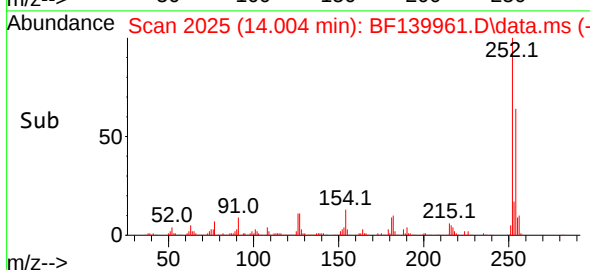
10/25/2024



#82
3,3'-Dichlorobenzidine
Concen: 34.200 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



Tgt Ion:252 Resp: 218064
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 11.5 8.9 13.3





#83

Chrysene

Concen: 50.550 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139961.D

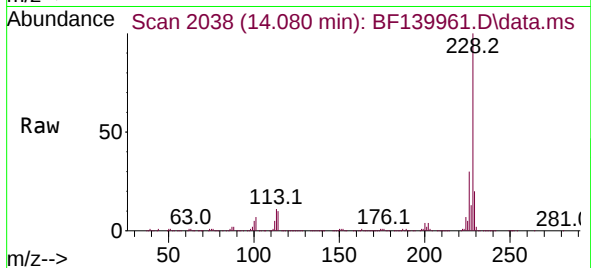
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:228 Resp: 101356

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 15.8 23.6

Manual Integrations

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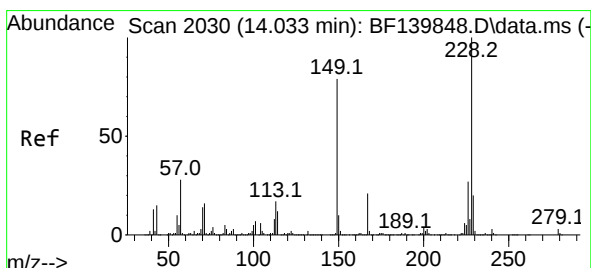
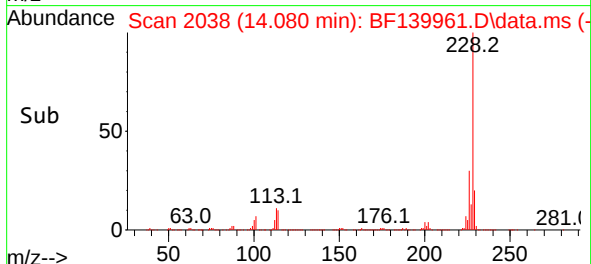
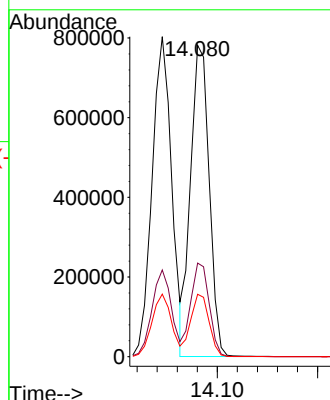
Reviewed By :Yogesh Patel 10/24/2024

Supervised By :mohammad ahmed 10/25/2024

10/24/2024

Supervised By :mohammad
ahmed

10/25/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.453 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139961.D

Acq: 23 Oct 2024 13:36

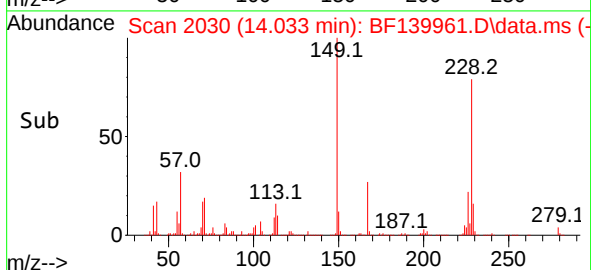
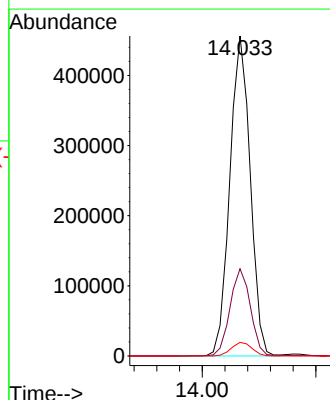
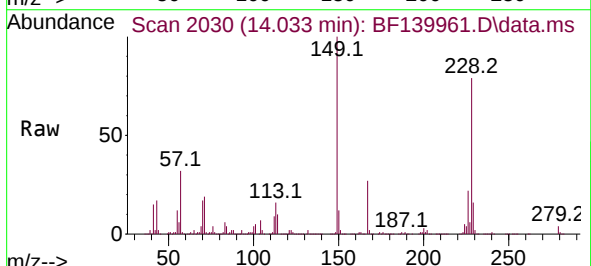
Tgt Ion:149 Resp: 568264

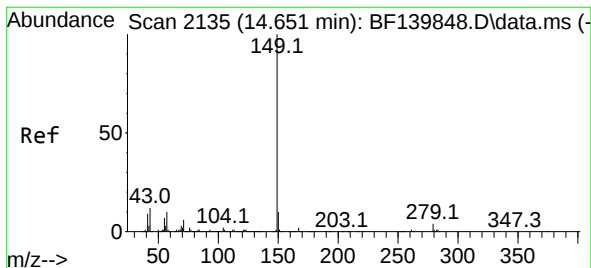
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.3 3.0 4.4





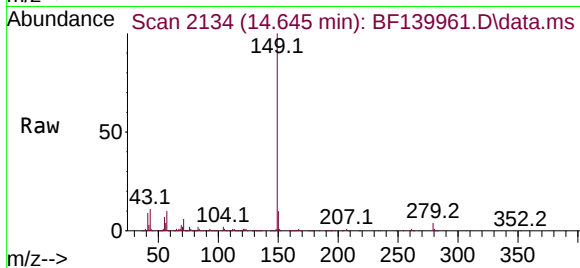
#85
Di-n-octyl phthalate
Concen: 53.816 ng
RT: 14.645 min Scan# 2134
Delta R.T. -0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:149 Resp: 96816
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.8 9.8 14.6

Manual Integrations

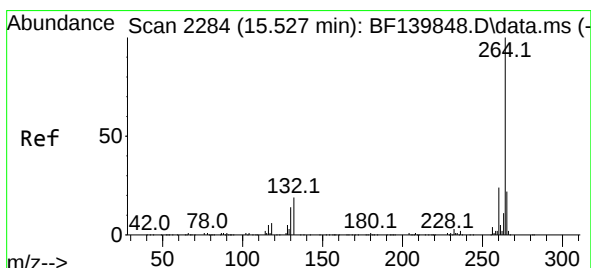
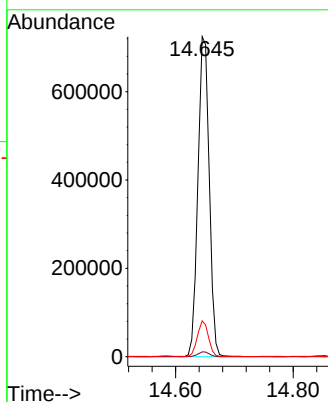
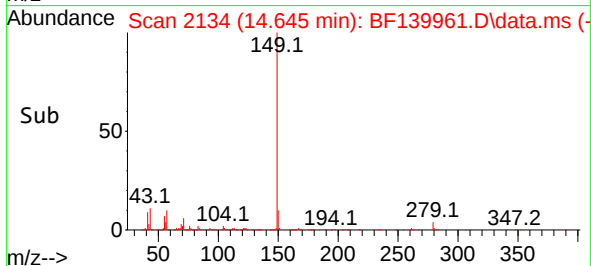
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

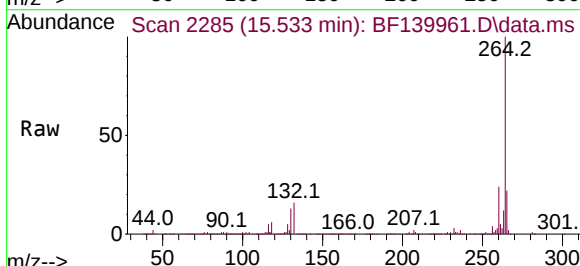
10/24/2024

Supervised By :mohammad
ahmed

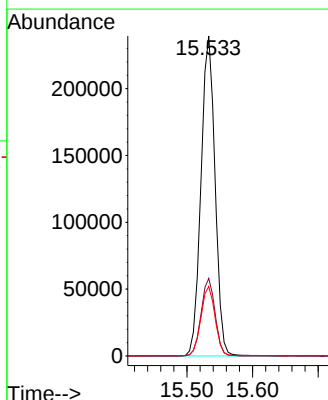
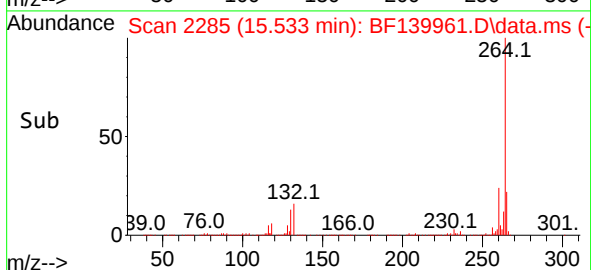
10/25/2024

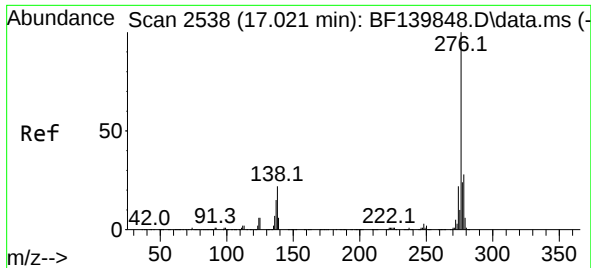


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



Tgt Ion:264 Resp: 357796
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.2
265 21.7 17.4 26.0





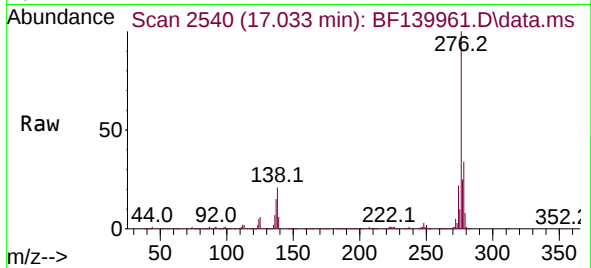
#87
Indeno(1,2,3-cd)pyrene
Concen: 53.950 ng
RT: 17.033 min Scan# 2540
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



Tgt Ion:276 Resp: 124182
Ion Ratio Lower Upper
276 100
138 23.8 20.4 30.6
277 25.4 20.2 30.4

Manual Integrations

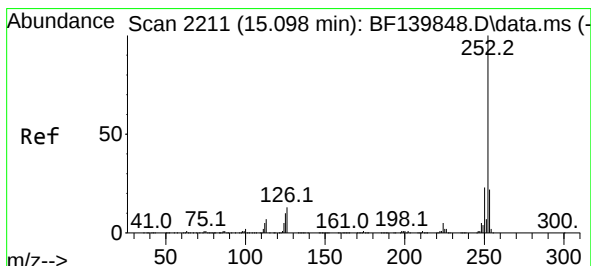
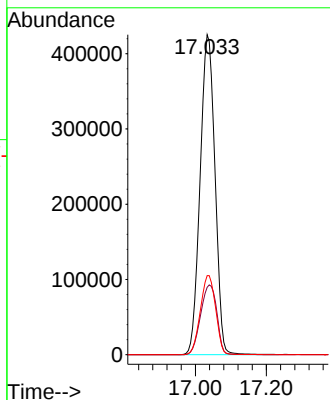
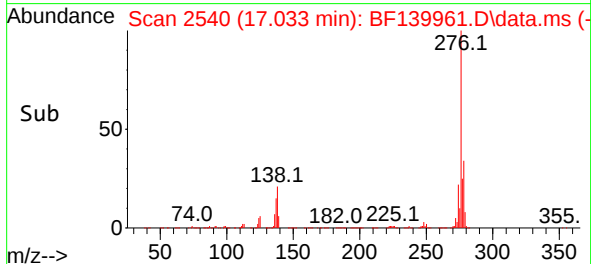
APPROVED

Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

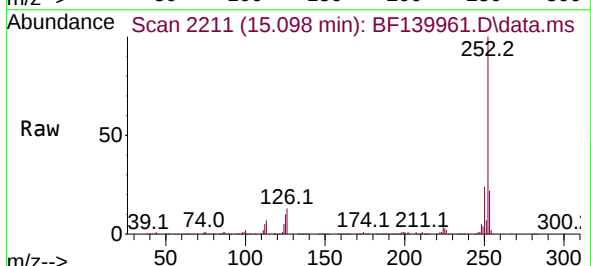
10/24/2024

Supervised By :mohammad
ahmed

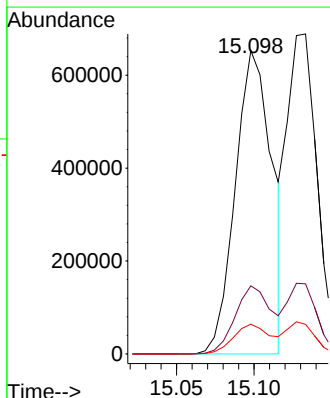
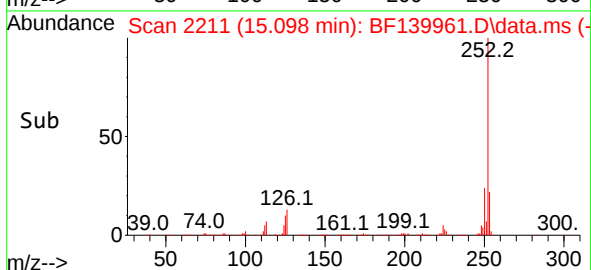
10/25/2024

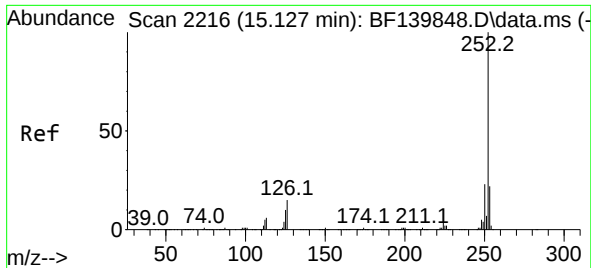


#88
Benzo(b)fluoranthene
Concen: 49.259 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



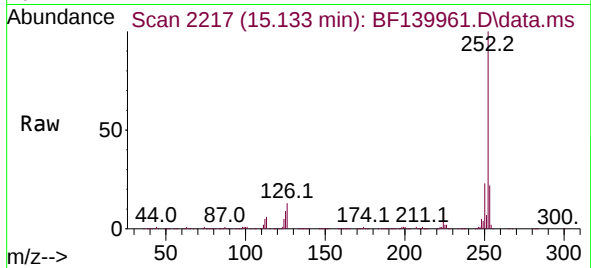
Tgt Ion:252 Resp: 1073628
Ion Ratio Lower Upper
252 100
253 22.5 17.6 26.4
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 48.910 ng
RT: 15.133 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :
BNA_F
ClientSampleId :
PB164154BSD



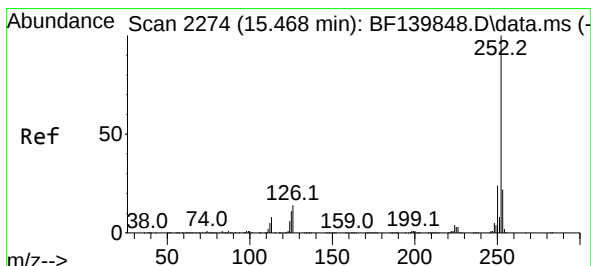
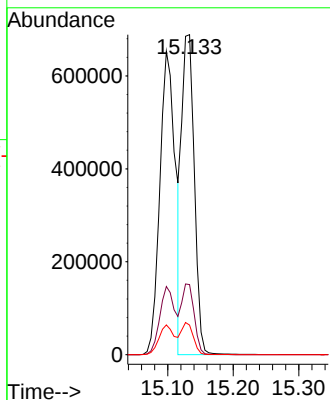
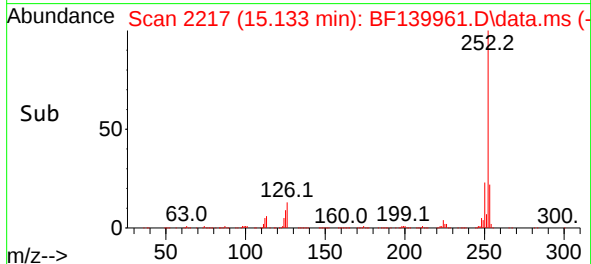
Tgt Ion:252 Resp: 91934
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.3 7.9 11.9

Manual Integrations
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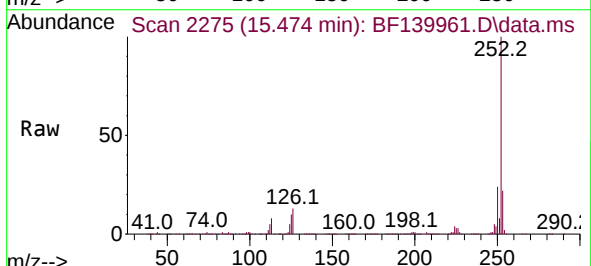
Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

10/24/2024
Supervised By :mohammad
ahmed

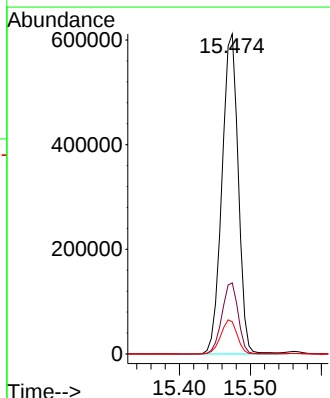
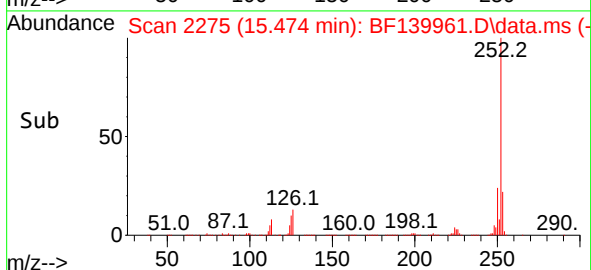
10/25/2024

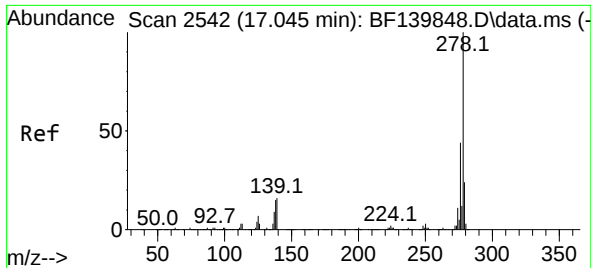


#90
Benzo(a)pyrene
Concen: 54.219 ng
RT: 15.474 min Scan# 2275
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36



Tgt Ion:252 Resp: 972366
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 10.1 8.7 13.1





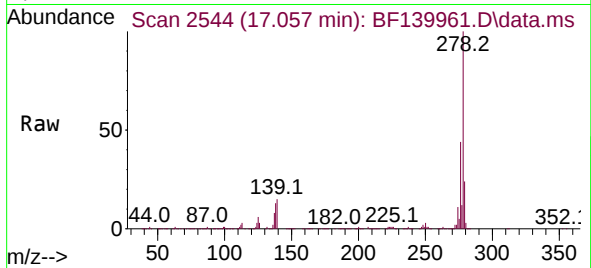
#91
Dibenzo(a,h)anthracene
Concen: 53.119 ng
RT: 17.057 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Instrument :

BNA_F

ClientSampleId :

PB164154BSD



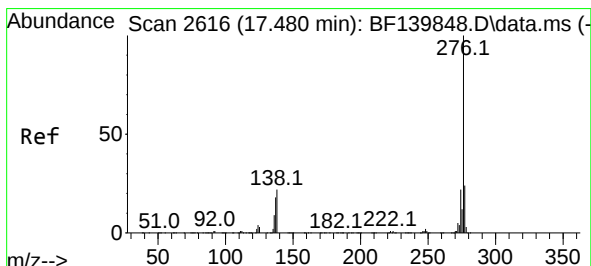
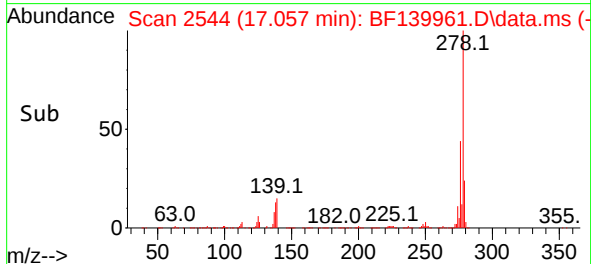
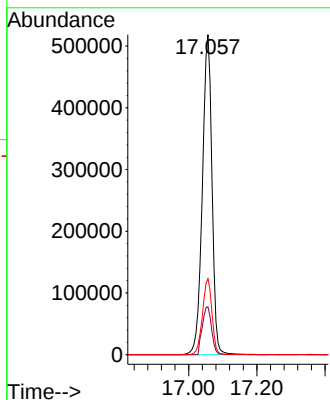
Tgt Ion:278 Resp: 1019990
Ion Ratio Lower Upper
278 100
139 15.0 13.1 19.7
279 23.8 19.0 28.4

Manual Integrations
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Reviewed By :Yogesh Patel 10/24/2024
Supervised By :mohammad ahmed 10/25/2024

10/24/2024
Supervised By :mohammad
ahmed

10/25/2024



#92
Benzo(g,h,i)perylene
Concen: 48.946 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139961.D
Acq: 23 Oct 2024 13:36

Tgt Ion:276 Resp: 938810
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.8 17.4 26.0

