

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
 Data File : BF139959.D
 Acq On : 23 Oct 2024 12:39
 Operator : RC/JU
 Sample : PB164123BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BS

Quant Time: Oct 23 13:22:34 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

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	157015	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	616380	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	348472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	625574	20.000	ng	0.00
76) Chrysene-d12	14.057	240	318250	20.000	ng	0.00
86) Perylene-d12	15.533	264	349349	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1314086	131.018	ng	0.02
7) Phenol-d6	6.516	99	1659988	127.788	ng	0.00
23) Nitrobenzene-d5	7.451	82	1077187	96.858	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	515054	158.016	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1931021	91.582	ng	0.00
79) Terphenyl-d14	13.004	244	2004549	102.635	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	175992	37.634	ng	96
3) Pyridine	3.516	79	471114	40.644	ng	96
4) n-Nitrosodimethylamine	3.469	42	267760	42.995	ng	95
6) Aniline	6.551	93	557615	46.059	ng	98
8) 2-Chlorophenol	6.675	128	511606	49.896	ng	97
9) Benzaldehyde	6.440	77	126825	17.355	ng	97
10) Phenol	6.528	94	639467m	47.749	ng	
11) bis(2-Chloroethyl)ether	6.628	93	485330	46.886	ng	98
12) 1,3-Dichlorobenzene	6.834	146	537187	45.640	ng	98
13) 1,4-Dichlorobenzene	6.910	146	546217	46.450	ng	99
14) 1,2-Dichlorobenzene	7.063	146	524912	47.829	ng	98
15) Benzyl Alcohol	7.028	79	471637	49.496	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.163	45	810592	45.925	ng	97
17) 2-Methylphenol	7.140	107	431652	49.370	ng	99
18) Hexachloroethane	7.404	117	195039	46.512	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	367544	46.651	ng	96
20) 3+4-Methylphenols	7.292	107	518857	46.396	ng	# 81
22) Acetophenone	7.298	105	692884	45.895	ng	99
24) Nitrobenzene	7.475	77	555417	45.551	ng	98
25) Isophorone	7.710	82	1009777	47.838	ng	99
26) 2-Nitrophenol	7.787	139	268407	58.350	ng	95
27) 2,4-Dimethylphenol	7.822	122	428034	55.805	ng	100
28) bis(2-Chloroethoxy)met...	7.922	93	600864	46.984	ng	100
29) 2,4-Dichlorophenol	8.028	162	425845	48.743	ng	99
30) 1,2,4-Trichlorobenzene	8.110	180	442395	45.763	ng	99
31) Naphthalene	8.192	128	1480485	46.572	ng	100
32) Benzoic acid	7.934	122	331294	49.522	ng	94
33) 4-Chloroaniline	8.239	127	279577	25.792	ng	98
34) Hexachlorobutadiene	8.310	225	281463	46.339	ng	99
35) Caprolactam	8.610	113	144372m	51.971	ng	
36) 4-Chloro-3-methylphenol	8.716	107	471188	48.707	ng	98
37) 2-Methylnaphthalene	8.886	142	934188	47.983	ng	100
38) 1-Methylnaphthalene	8.986	142	875790	45.850	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	441914	47.006	ng	99
41) Hexachlorocyclopentadiene	9.039	237	575484	175.926	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	338719	50.889	ng	99

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Manual Integrations
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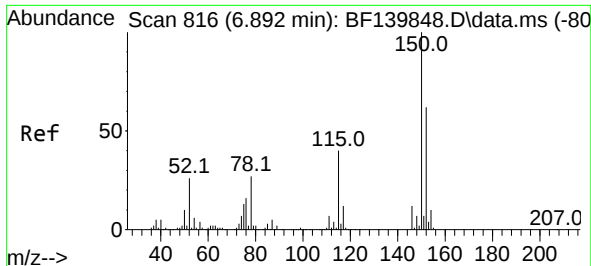
Reviewed By :Yogesh
 Patel
 10/24/2024

Supervised By :mohammad
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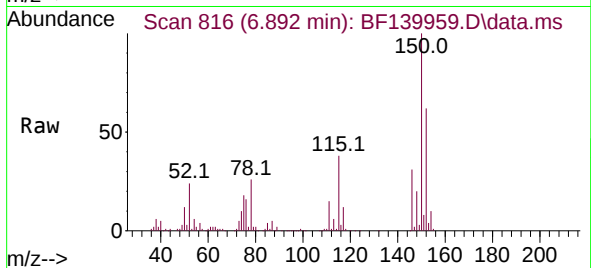
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	339933	49.501	ng	99
46) 1,1'-Biphenyl	9.351	154	1126703	46.445	ng	100
47) 2-Chloronaphthalene	9.375	162	901688	46.150	ng	99
48) 2-Nitroaniline	9.469	65	316703	52.999	ng	93
49) Acenaphthylene	9.792	152	1409992	49.917	ng	99
50) Dimethylphthalate	9.651	163	1070887	49.337	ng	100
51) 2,6-Dinitrotoluene	9.710	165	240598	51.194	ng	97
52) Acenaphthene	9.963	154	980931	53.683	ng	99
53) 3-Nitroaniline	9.881	138	165720	34.194	ng	95
54) 2,4-Dinitrophenol	9.986	184	264001	130.698	ng	# 1
55) Dibenzofuran	10.139	168	1240679	47.324	ng	98
56) 4-Nitrophenol	10.033	139	396279	106.278	ng	100
57) 2,4-Dinitrotoluene	10.116	165	329266	56.973	ng	96
58) Fluorene	10.480	166	935732	46.861	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	289740	53.821	ng	96
60) Diethylphthalate	10.351	149	1041864	48.887	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	475776	47.181	ng	99
62) 4-Nitroaniline	10.498	138	243551	53.208	ng	94
63) Azobenzene	10.633	77	1058273	46.839	ng	96
65) 4,6-Dinitro-2-methylph...	10.522	198	178099	69.796	ng	93
66) n-Nitrosodiphenylamine	10.592	169	894297	47.764	ng	99
67) 4-Bromophenyl-phenylether	10.963	248	313776	48.688	ng	94
68) Hexachlorobenzene	11.028	284	354277	48.879	ng	95
69) Atrazine	11.116	200	291198	57.414	ng	99
70) Pentachlorophenol	11.216	266	442639	100.626	ng	100
71) Phenanthrene	11.445	178	1412519	47.802	ng	100
72) Anthracene	11.492	178	1430590	49.620	ng	99
73) Carbazole	11.645	167	1254503	46.786	ng	100
74) Di-n-butylphthalate	11.975	149	1506787	48.640	ng	100
75) Fluoranthene	12.627	202	1394053	46.667	ng	100
77) Benzidine	12.745	184	329626	62.989	ng	99
78) Pyrene	12.857	202	1391086	49.936	ng	100
80) Butylbenzylphthalate	13.474	149	451349	54.043	ng	98
81) Benzo(a)anthracene	14.045	228	1042409	50.317	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	240244	39.773	ng	98
83) Chrysene	14.080	228	963784	50.739	ng	100
84) Bis(2-ethylhexyl)phtha...	14.033	149	532526	56.832	ng	99
85) Di-n-octyl phthalate	14.645	149	950001	55.741	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1244594	55.378	ng	98
88) Benzo(b)fluoranthene	15.098	252	1062781	49.941	ng	99
89) Benzo(k)fluoranthene	15.127	252	864638	47.112	ng	100
90) Benzo(a)pyrene	15.468	252	941642	53.776	ng	99
91) Dibenzo(a,h)anthracene	17.057	278	1028811	54.874	ng	98
92) Benzo(g,h,i)perylene	17.486	276	954801	50.984	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

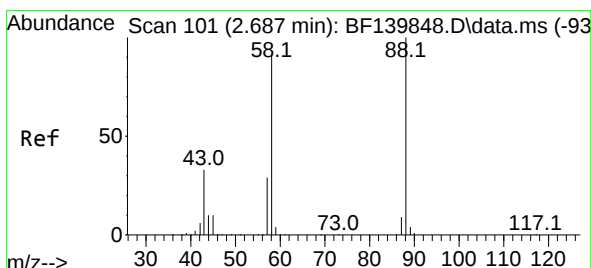
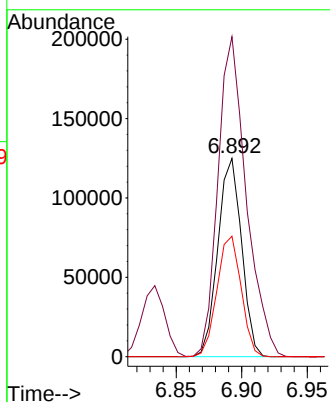
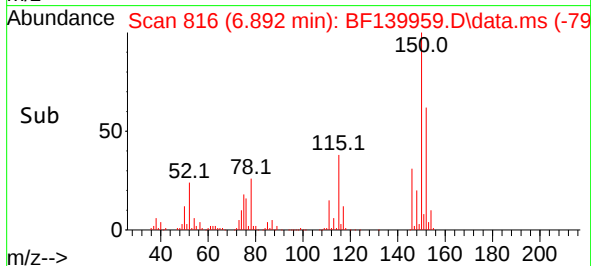


Tgt Ion:152 Resp: 157015
Ion Ratio Lower Upper
152 100
150 161.4 130.2 195.2
115 60.8 51.4 77.2

Manual Integrations
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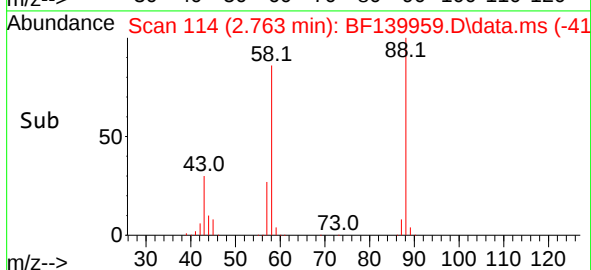
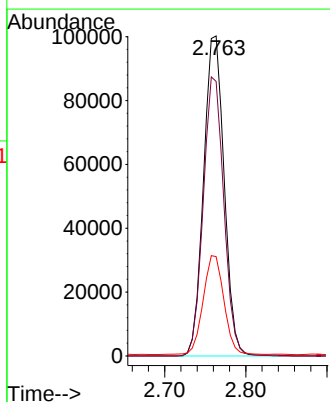
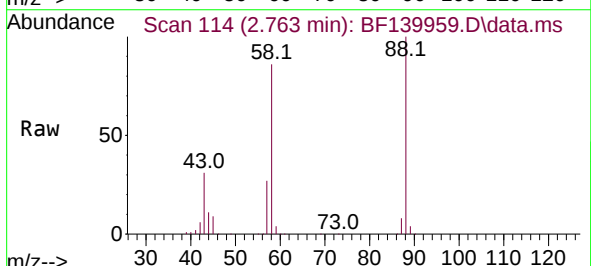
Reviewed By :Yogesh
Patel
10/24/2024

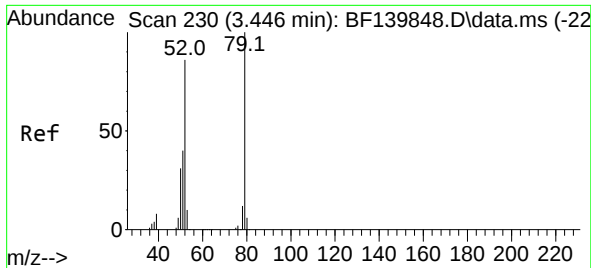
Supervised By :mohammad
ahmed
10/25/2024



#2
1,4-Dioxane
Concen: 37.634 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.077 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 88 Resp: 175992
Ion Ratio Lower Upper
88 100
58 87.5 73.3 109.9
43 31.3 27.1 40.7





#3

Pyridine

Concen: 40.644 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.071 min

Lab File: BF139959.D

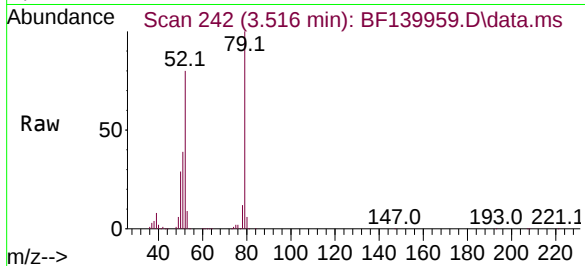
Acq: 23 Oct 2024 12:39

Instrument :

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PB164123BS



Tgt Ion:	79	Resp:	471114
Ion Ratio	100	Lower	Upper
79	100		
52	80.5	68.5	102.7
51	39.2	32.3	48.5

Manual Integrations

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Reviewed By :Yogesh

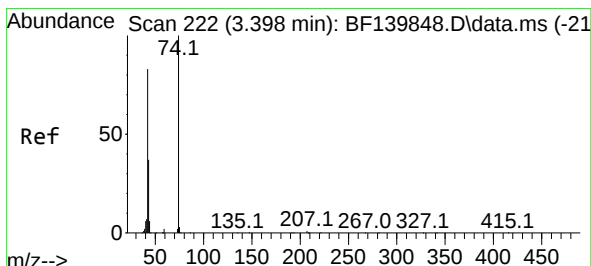
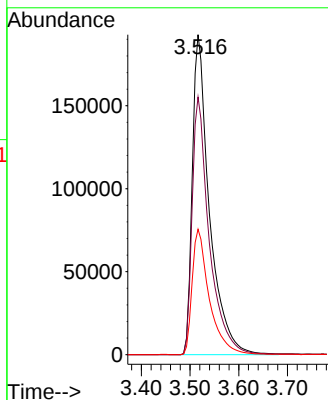
Patel

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#4

n-Nitrosodimethylamine

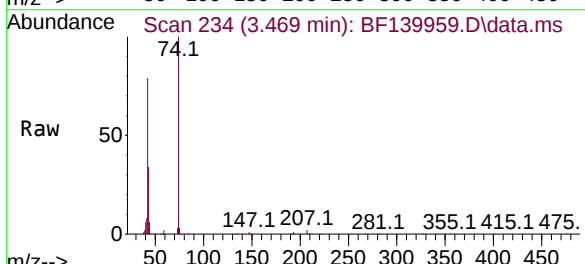
Concen: 42.995 ng

RT: 3.469 min Scan# 234

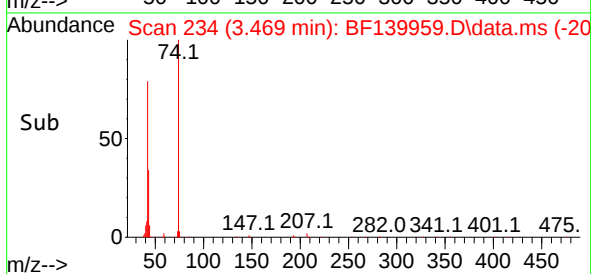
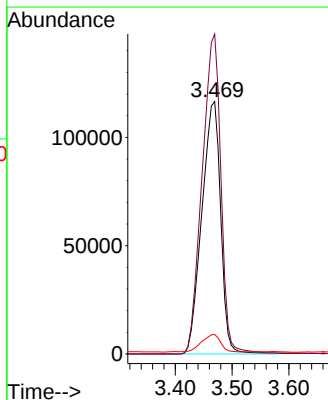
Delta R.T. 0.071 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39



Tgt Ion:	42	Resp:	267760
Ion Ratio	100	Lower	Upper
42	100		
74	126.8	96.2	144.4
44	7.7	6.2	9.2





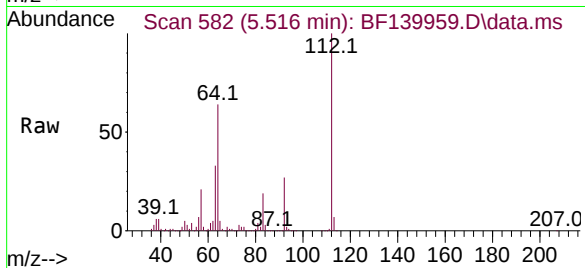
#5
2-Fluorophenol
Concen: 131.018 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

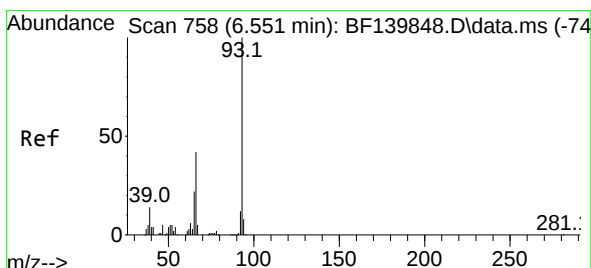
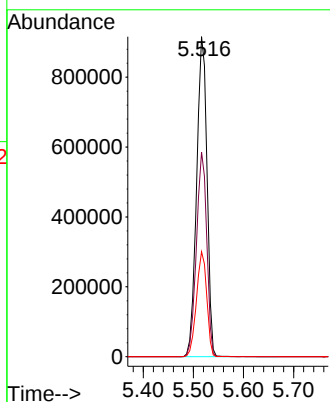
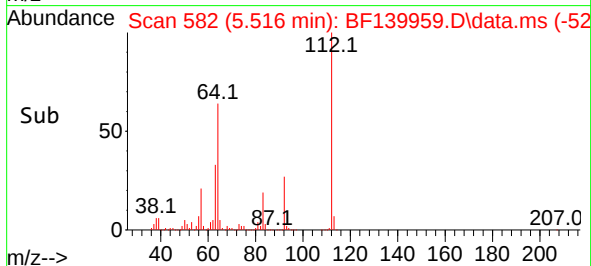


Tgt Ion:112 Resp: 1314080
Ion Ratio Lower Upper
112 100
64 63.9 53.0 79.6
63 32.8 27.0 40.4

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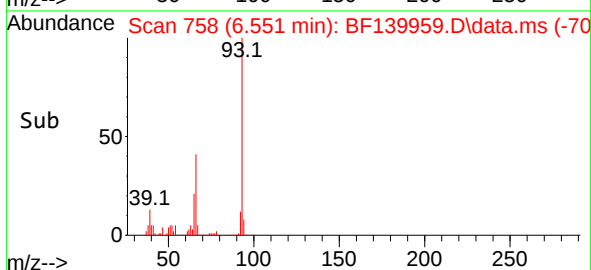
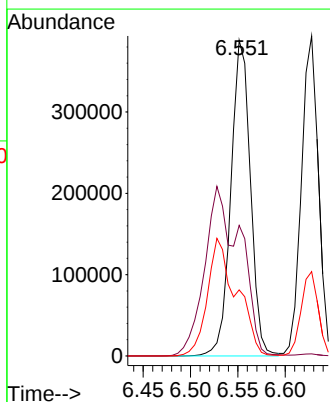
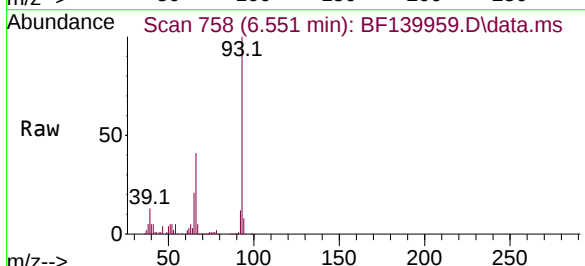
Reviewed By :Yogesh
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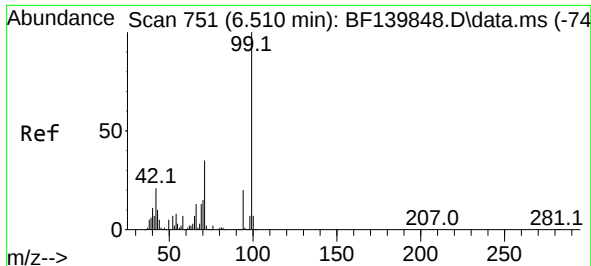
Supervised By :mohammad
ahmed
10/25/2024



#6
Aniline
Concen: 46.059 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 93 Resp: 557615
Ion Ratio Lower Upper
93 100
66 41.3 34.0 51.0
65 20.9 17.4 26.0





#7

Phenol-d6

Concen: 127.788 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion: 99 Resp: 165998

Ion Ratio Lower Upper

99 100

42 19.4 16.7 25.1

71 34.6 27.7 41.5

Manual Integrations

APPROVED

Reviewed By :Yogesh

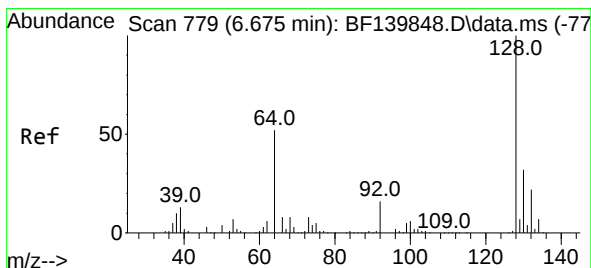
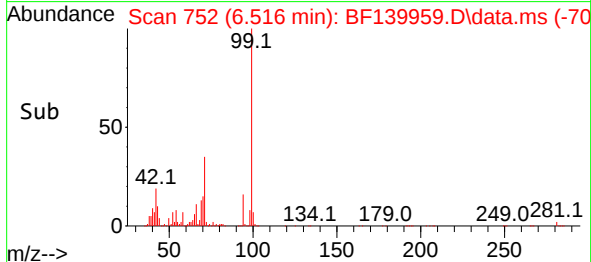
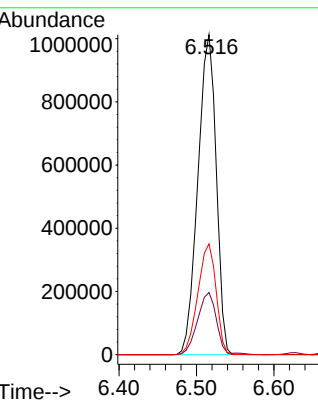
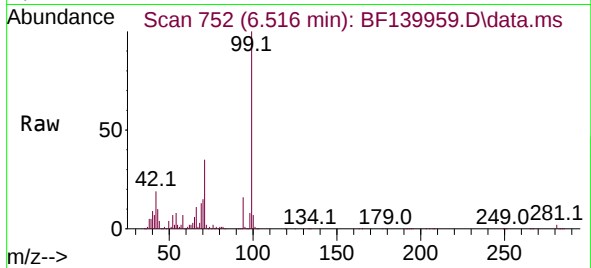
Patel

10/24/2024

Supervised By :mohammad

ahmed

10/25/2024



#8

2-Chlorophenol

Concen: 49.896 ng

RT: 6.675 min Scan# 779

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

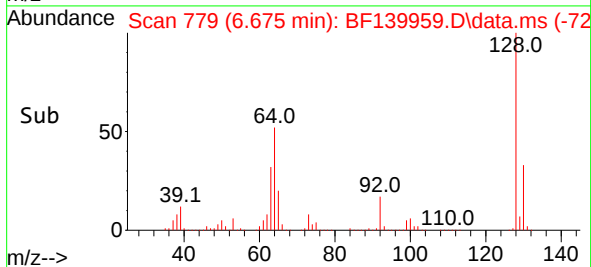
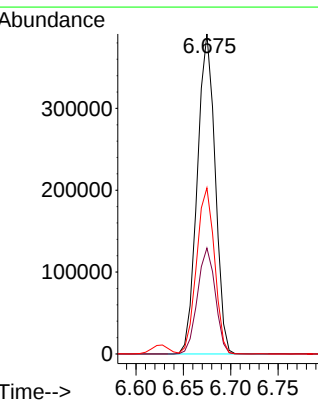
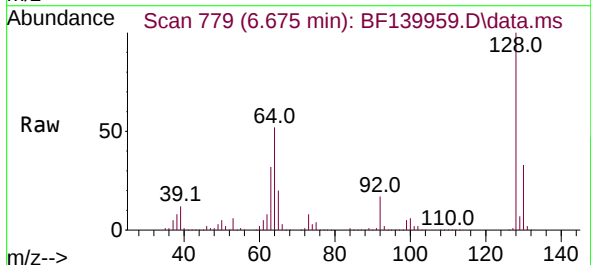
Tgt Ion:128 Resp: 511606

Ion Ratio Lower Upper

128 100

130 33.1 12.3 52.3

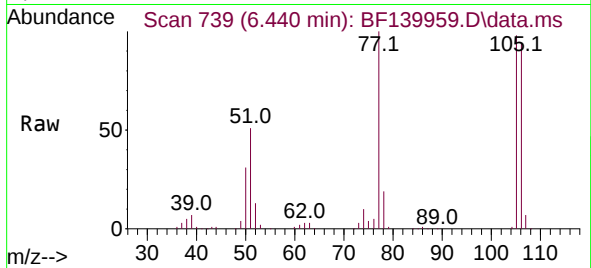
64 51.9 34.6 74.6





#9
Benzaldehyde
Concen: 17.355 ng
RT: 6.440 min Scan# 710
Delta R.T. 0.001 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
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PB164123BS

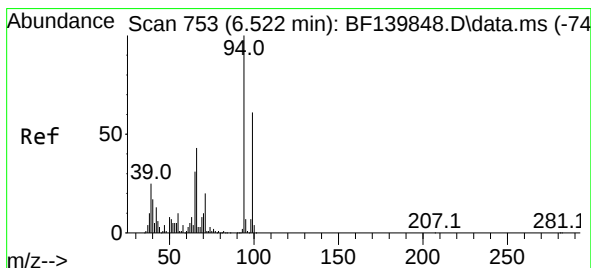
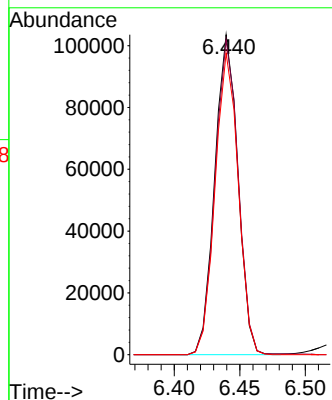


Tgt Ion: 77 Resp: 126825
Ion Ratio Lower Upper
77 100
105 98.4 75.5 115.5
106 94.2 71.7 111.7

Manual Integrations
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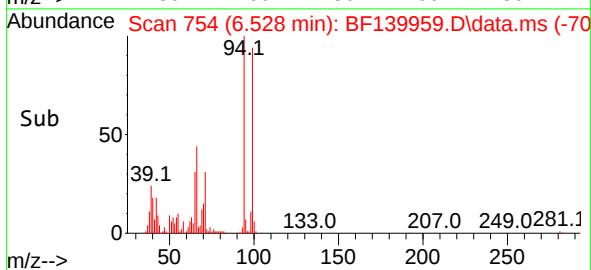
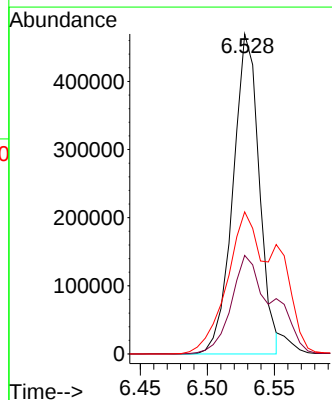
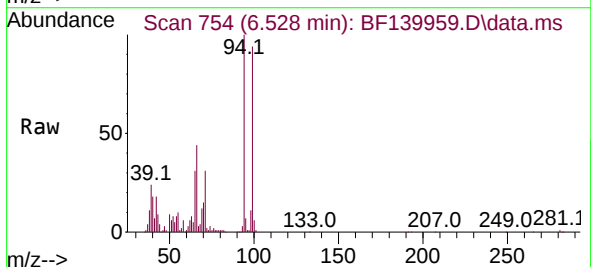
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#10
Phenol
Concen: 47.749 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 94 Resp: 639467
Ion Ratio Lower Upper
94 100
65 30.8 11.1 51.1
66 44.4 22.7 62.7





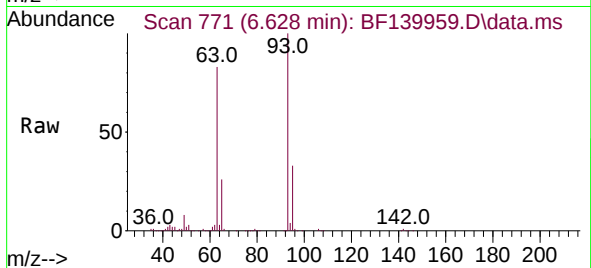
#11
bis(2-Chloroethyl)ether
Concen: 46.886 ng
RT: 6.628 min Scan# 771
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion: 93 Resp: 485330
Ion Ratio Lower Upper
93 100
63 82.9 65.0 105.0
95 32.5 12.4 52.4

Manual Integrations
APPROVED

Reviewed By :Yogesh

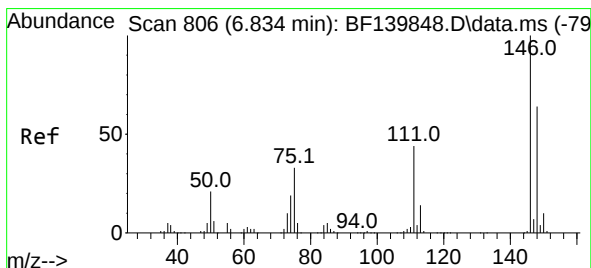
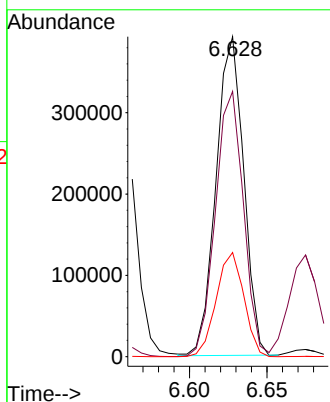
Patel

10/24/2024

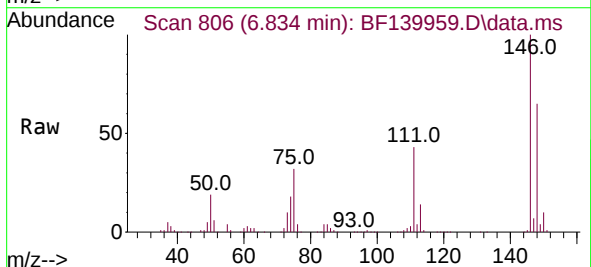
Supervised By :mohammad

ahmed

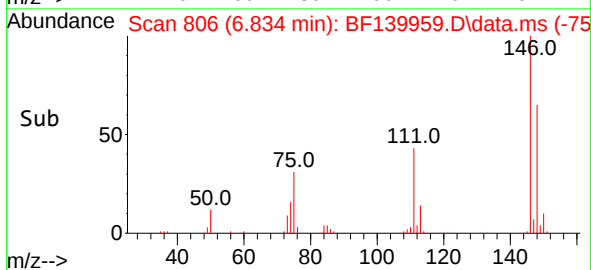
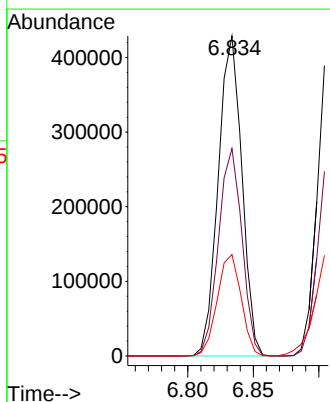
10/25/2024



#12
1,3-Dichlorobenzene
Concen: 45.640 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



Tgt Ion:146 Resp: 537187
Ion Ratio Lower Upper
146 100
148 64.8 51.0 76.4
75 31.7 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 46.450 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

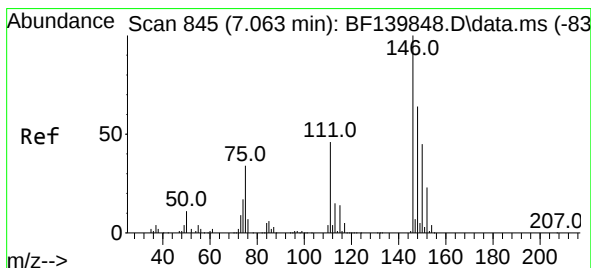
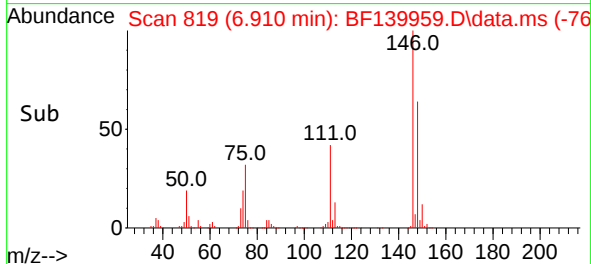
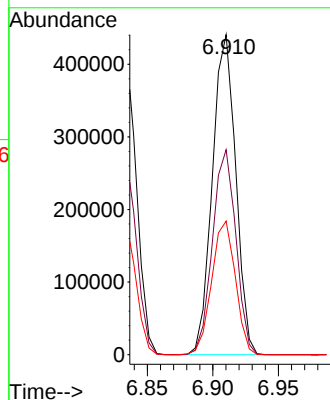
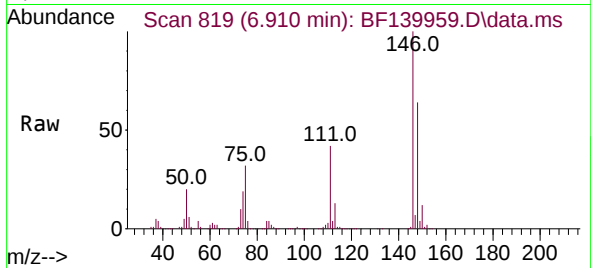
Instrument :
BNA_F
ClientSampleId :
PB164123BS

Tgt Ion:146 Resp: 54621
Ion Ratio Lower Upper
146 100
148 64.1 51.8 77.8
111 41.7 34.6 51.8

Manual Integrations
APPROVED

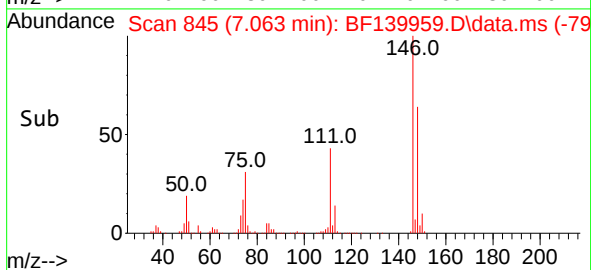
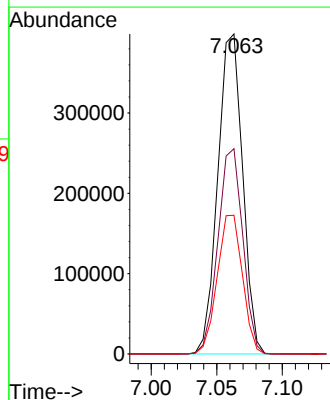
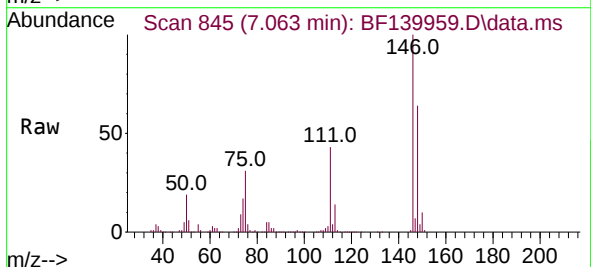
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#14
1,2-Dichlorobenzene
Concen: 47.829 ng
RT: 7.063 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

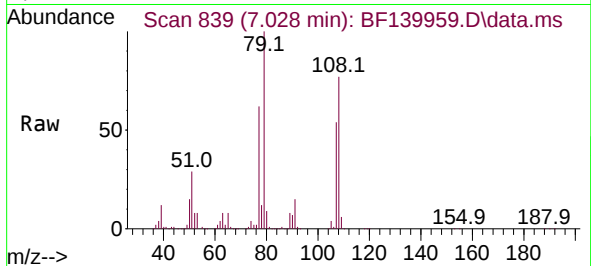
Tgt Ion:146 Resp: 524912
Ion Ratio Lower Upper
146 100
148 64.2 51.4 77.2
111 43.4 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.496 ng
RT: 7.028 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

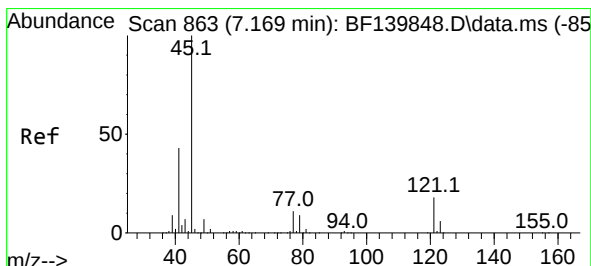
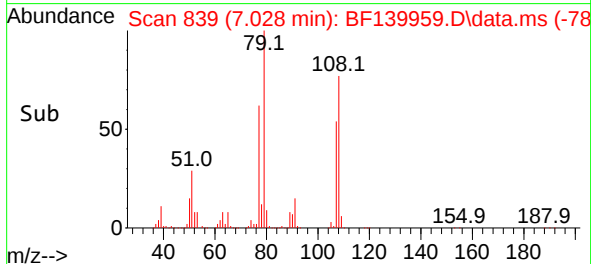
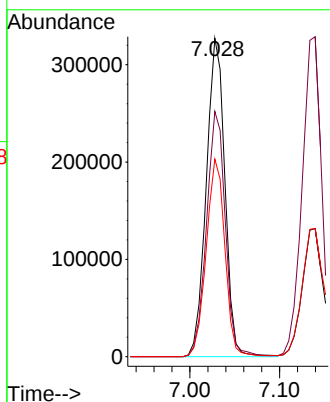


Tgt Ion: 79 Resp: 47163
Ion Ratio Lower Upper
79 100
108 77.0 61.4 92.0
77 62.1 49.9 74.9

Manual Integrations
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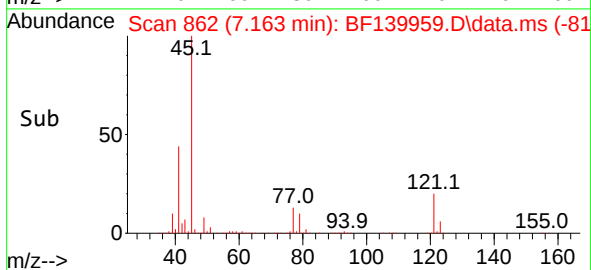
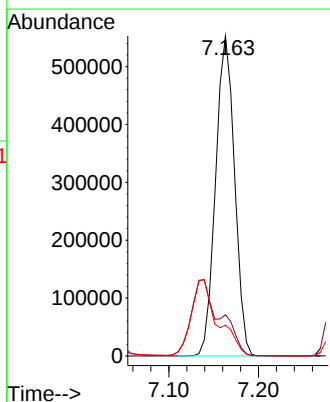
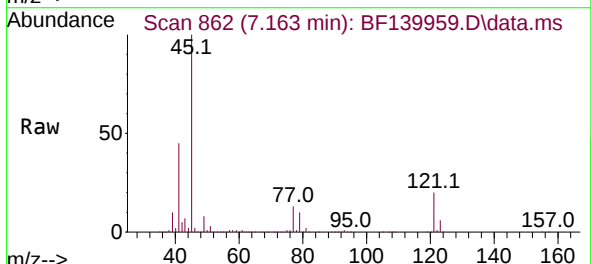
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.925 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 45 Resp: 810592
Ion Ratio Lower Upper
45 100
77 12.9 0.0 31.5
79 9.6 0.0 29.1





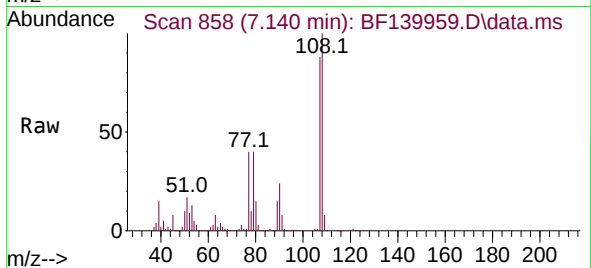
#17
2-Methylphenol
Concen: 49.370 ng
RT: 7.140 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:107 Resp: 431652
Ion Ratio Lower Upper
107 100
108 113.7 91.3 136.9
77 45.6 37.1 55.7
79 45.6 37.0 55.6

Manual Integrations

APPROVED

Reviewed By :Yogesh

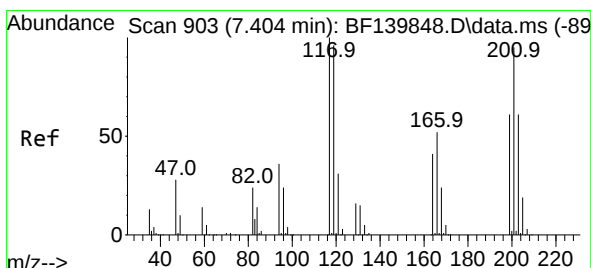
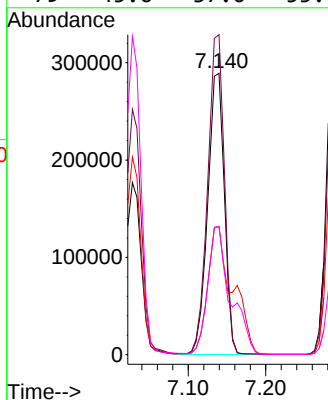
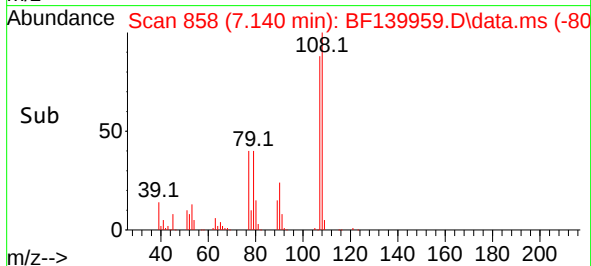
Patel

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Supervised By :mohammad

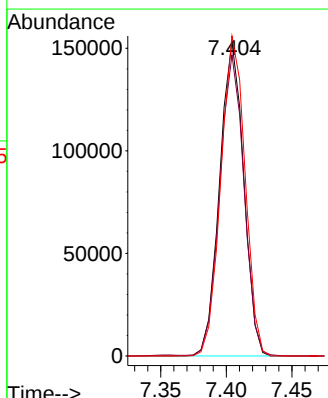
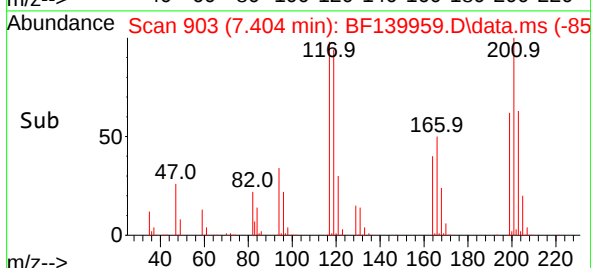
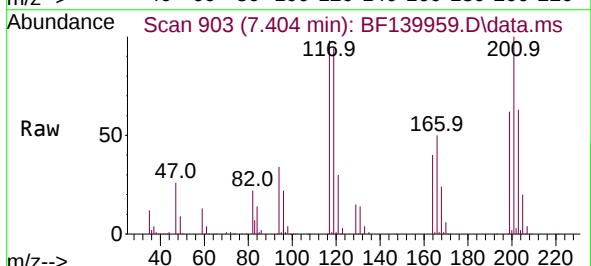
ahmed

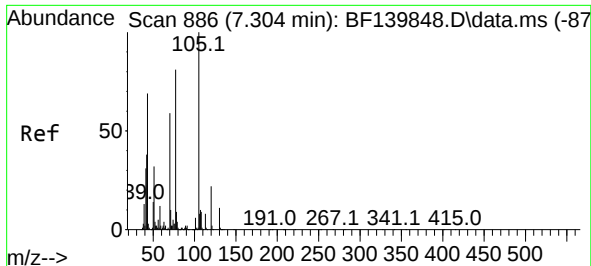
10/25/2024



#18
Hexachloroethane
Concen: 46.512 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

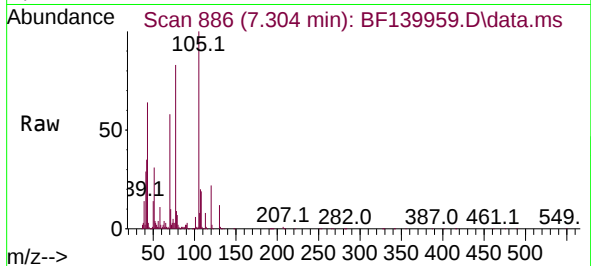
Tgt Ion:117 Resp: 195039
Ion Ratio Lower Upper
117 100
119 95.8 77.0 115.4
201 101.8 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 46.651 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

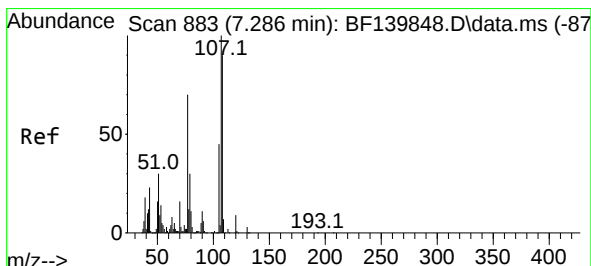
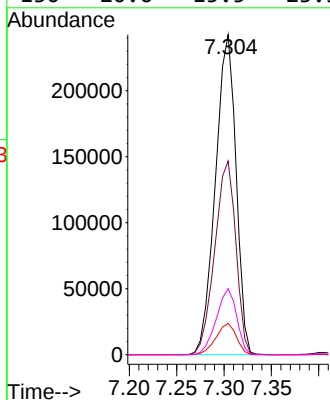


Tgt Ion: 70 Resp: 367544
Ion Ratio Lower Upper
70 100
42 60.5 51.5 77.3
101 9.8 7.5 11.3
130 20.6 15.5 23.3

Manual Integrations
APPROVED

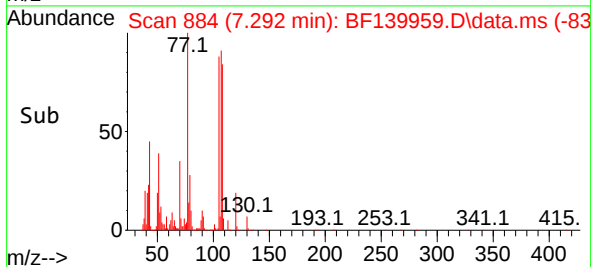
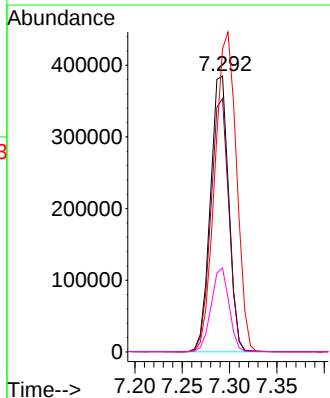
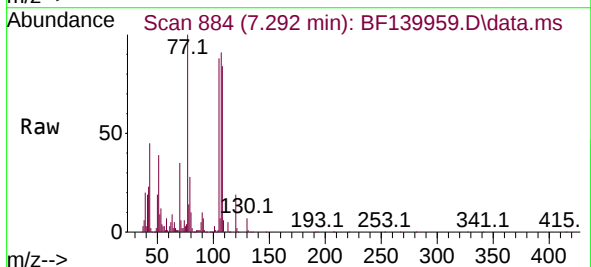
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#20
3+4-Methylphenols
Concen: 46.396 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:107 Resp: 518857
Ion Ratio Lower Upper
107 100
108 91.9 69.8 109.8
77 109.8 50.5 90.5#
79 30.4 10.2 50.2





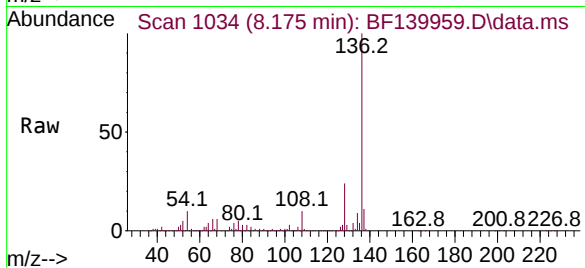
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:136 Resp: 616380
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.7 8.4 12.6
68 6.4 5.1 7.7

Manual Integrations
APPROVED

Reviewed By :Yogesh

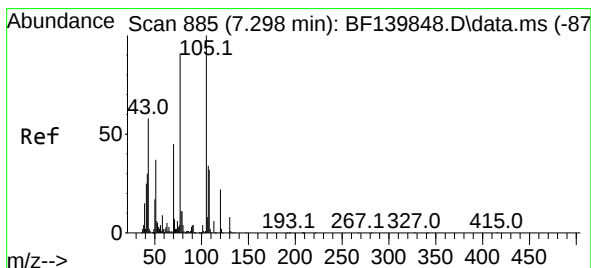
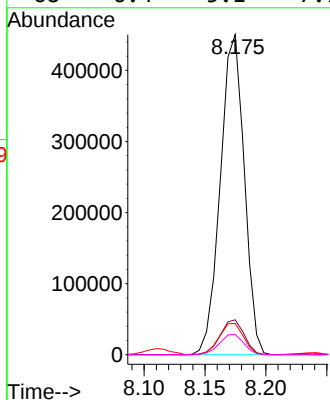
Patel

10/24/2024

Supervised By :mohammad

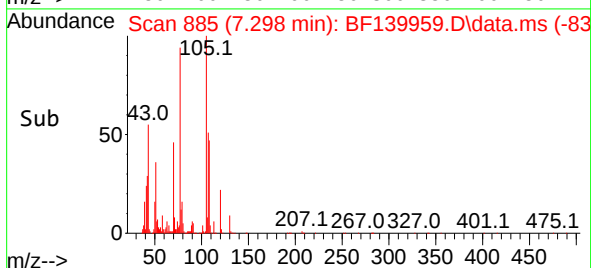
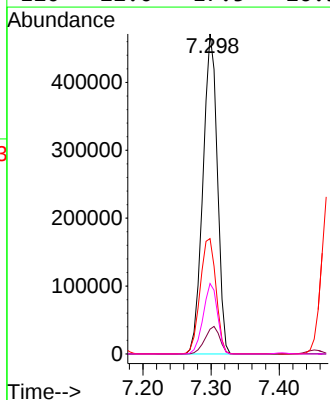
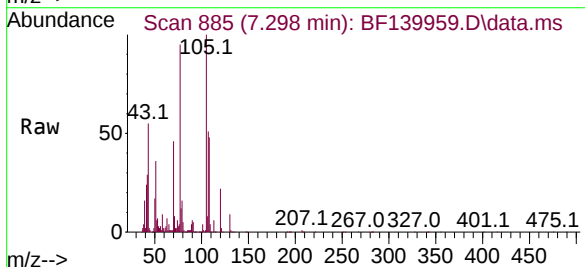
ahmed

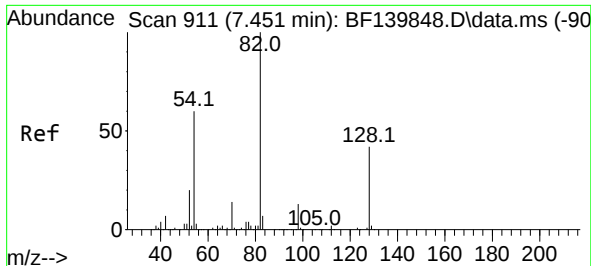
10/25/2024



#22
Acetophenone
Concen: 45.895 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:105 Resp: 692884
Ion Ratio Lower Upper
105 100
71 7.8 5.9 8.9
51 36.1 29.4 44.2
120 22.0 17.5 26.3





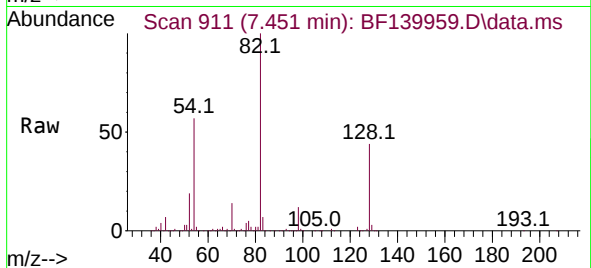
#23
Nitrobenzene-d5
Concen: 96.858 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

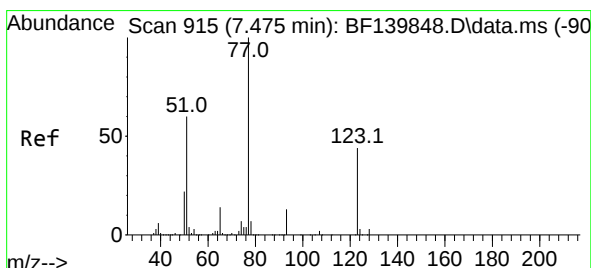
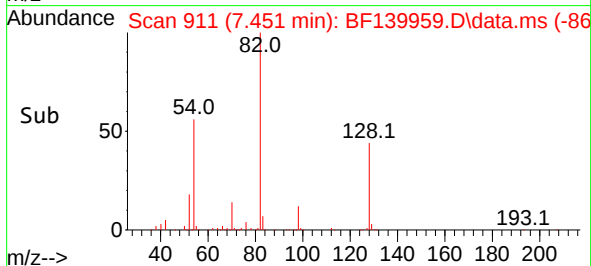
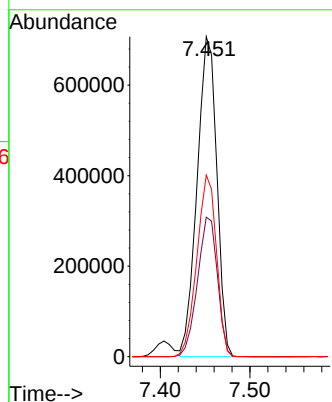


Tgt Ion: 82 Resp: 107718
Ion Ratio Lower Upper
82 100
128 43.6 33.4 50.0
54 56.7 47.8 71.8

Manual Integrations
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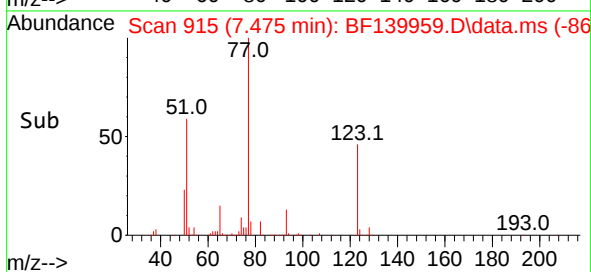
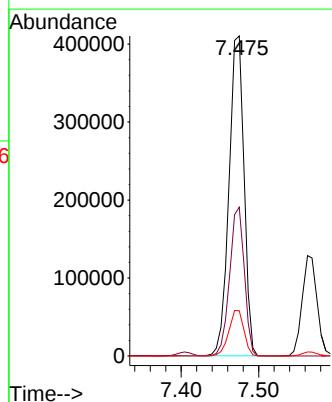
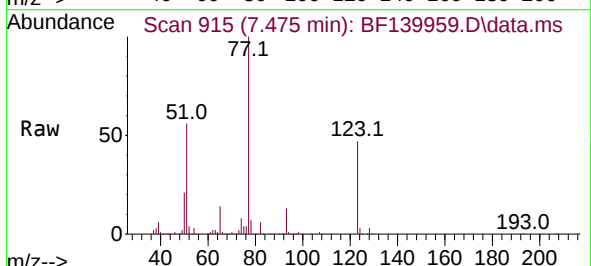
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#24
Nitrobenzene
Concen: 45.551 ng
RT: 7.475 min Scan# 915
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 77 Resp: 555417
Ion Ratio Lower Upper
77 100
123 46.5 35.7 53.5
65 14.2 11.5 17.3





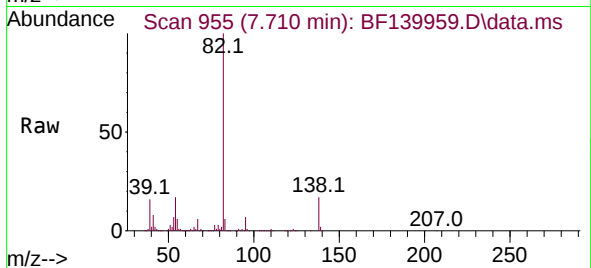
#25
Isophorone
Concen: 47.838 ng
RT: 7.710 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

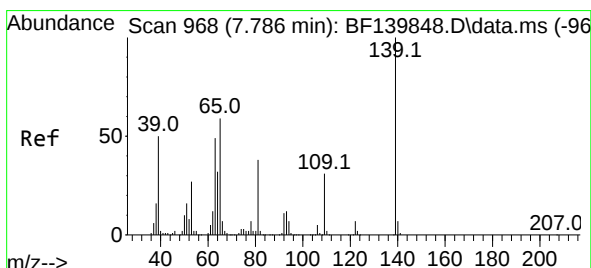
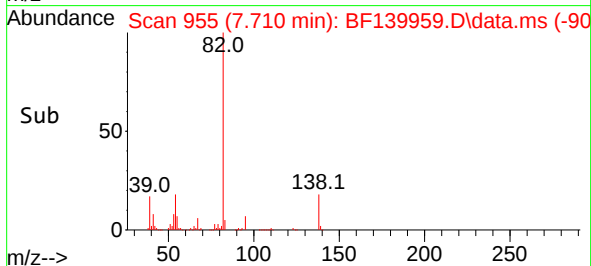
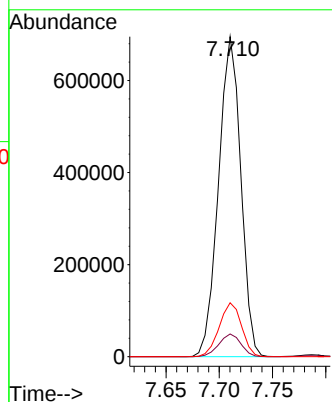


Tgt Ion: 82 Resp: 100977
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.8 13.2 19.8

Manual Integrations
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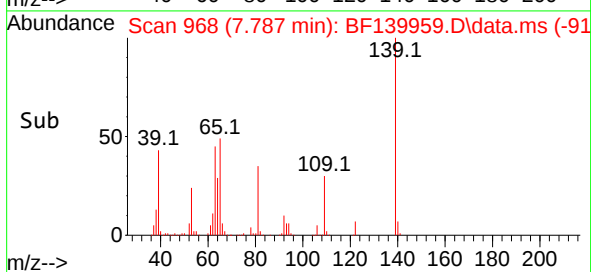
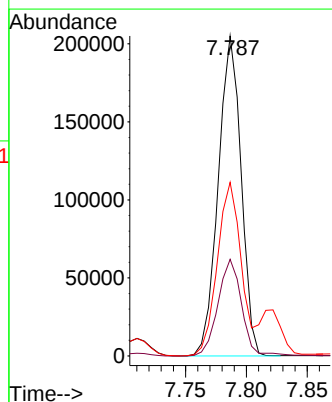
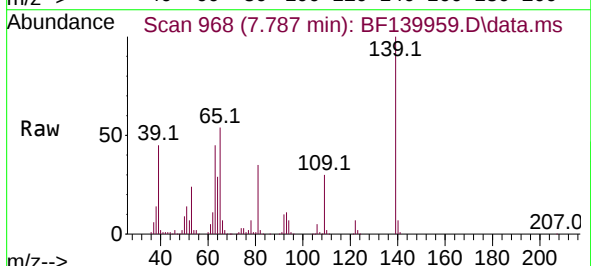
Reviewed By :Yogesh
Patel
10/24/2024

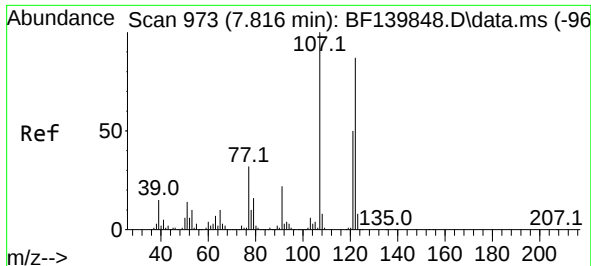
Supervised By :mohammad
ahmed
10/25/2024



#26
2-Nitrophenol
Concen: 58.350 ng
RT: 7.787 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

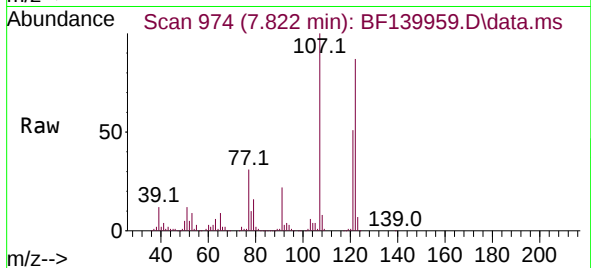
Tgt Ion:139 Resp: 268407
Ion Ratio Lower Upper
139 100
109 30.2 25.1 37.7
65 54.3 47.5 71.3





#27
2,4-Dimethylphenol
Concen: 55.805 ng
RT: 7.822 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

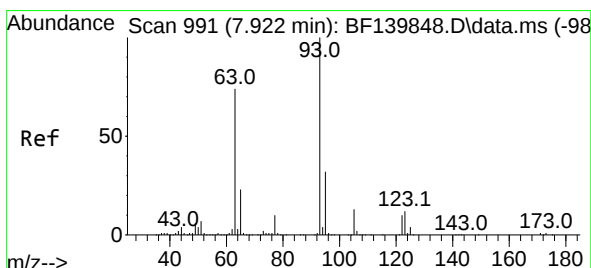
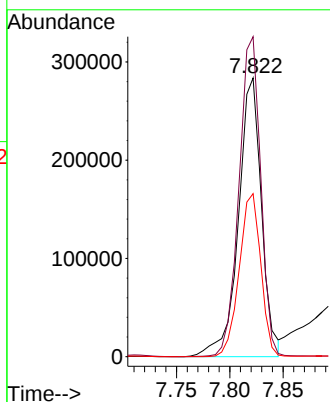
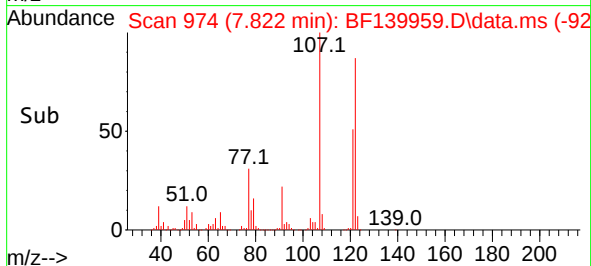


Tgt Ion:122 Resp: 428034
Ion Ratio Lower Upper
122 100
107 114.8 91.9 137.9
121 58.5 46.2 69.4

Manual Integrations
APPROVED

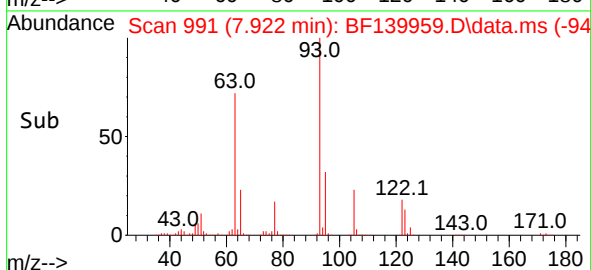
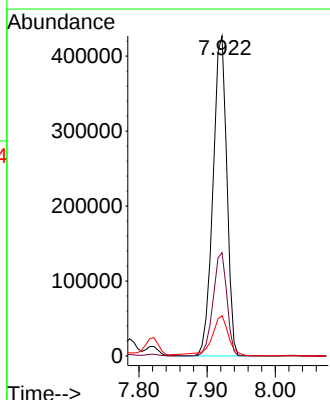
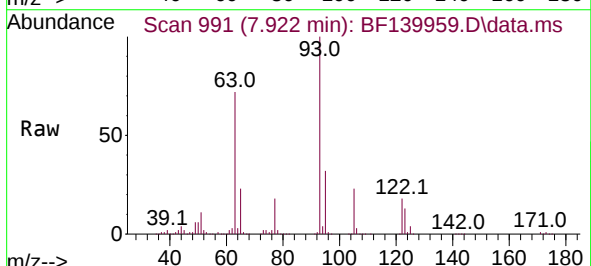
Reviewed By :Yogesh
Patel
10/24/2024

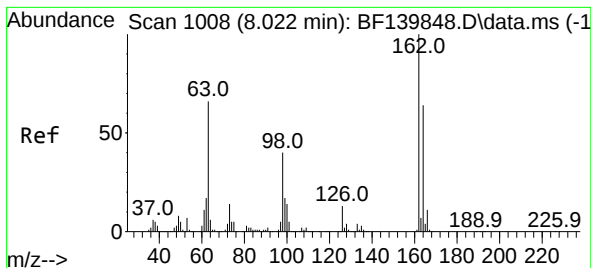
Supervised By :mohammad
ahmed
10/25/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.984 ng
RT: 7.922 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion: 93 Resp: 600864
Ion Ratio Lower Upper
93 100
95 32.3 26.0 39.0
123 12.6 9.8 14.8





#29

2,4-Dichlorophenol

Concen: 48.743 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion:162	Resp:	42584
Ion Ratio	Lower	Upper
162	100	
164	64.1	43.9 83.9
98	38.2	19.9 59.9

Manual Integrations

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Reviewed By :Yogesh

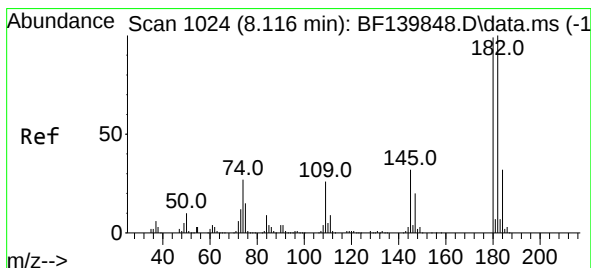
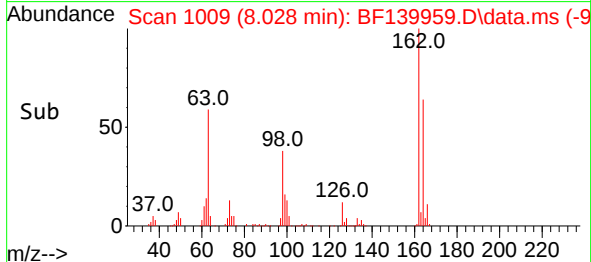
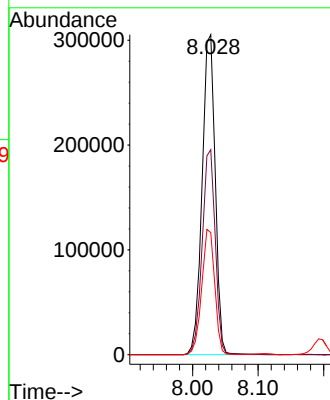
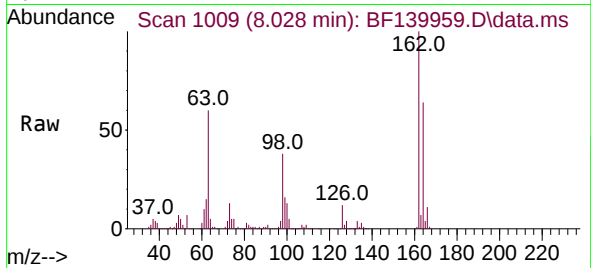
Patel

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#30

1,2,4-Trichlorobenzene

Concen: 45.763 ng

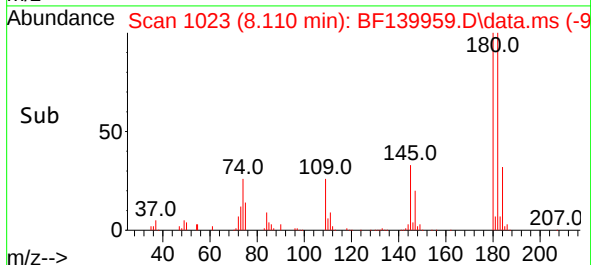
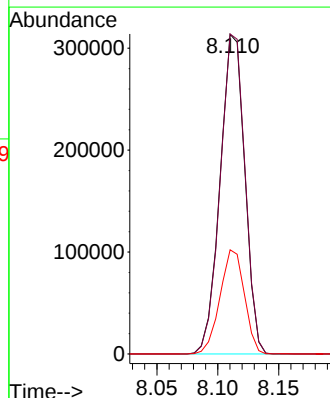
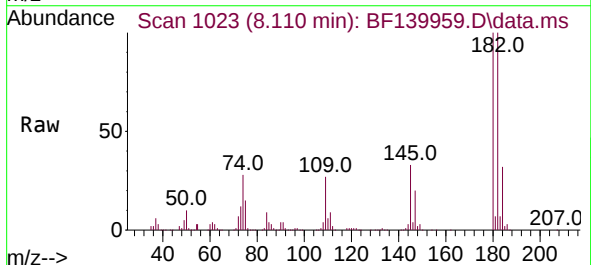
RT: 8.110 min Scan# 1023

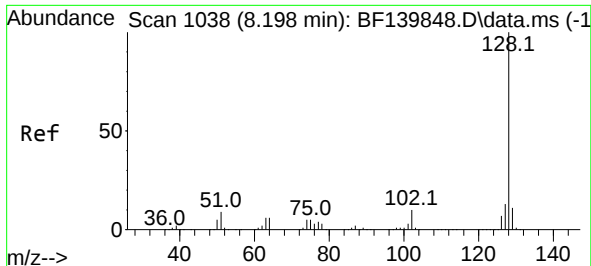
Delta R.T. -0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Tgt Ion:180	Resp:	442395
Ion Ratio	Lower	Upper
180	100	
182	100.1	80.5 120.7
145	32.6	25.4 38.0





#31
Naphthalene
Concen: 46.572 ng
RT: 8.192 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion:128 Resp: 148048
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.2 10.6 16.0

Manual Integrations
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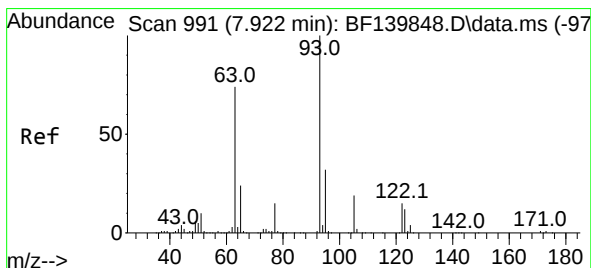
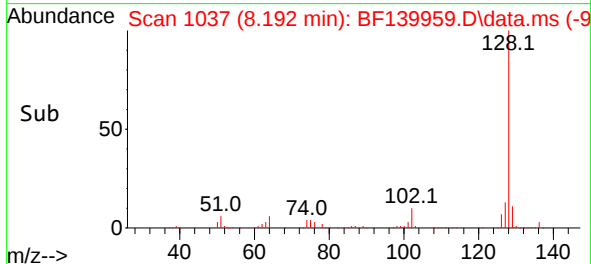
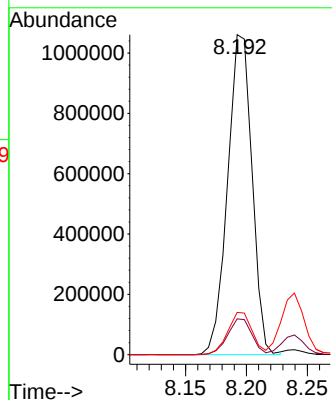
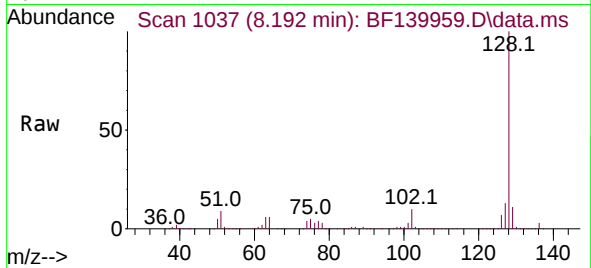
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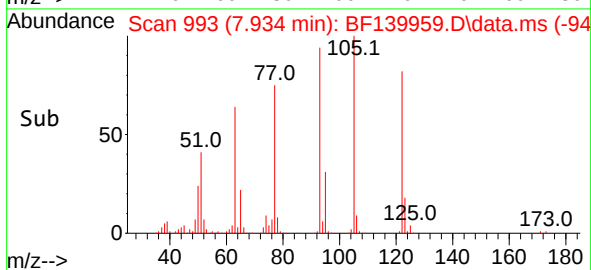
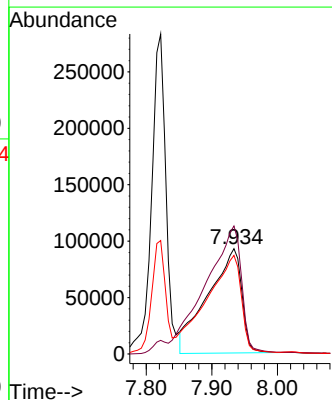
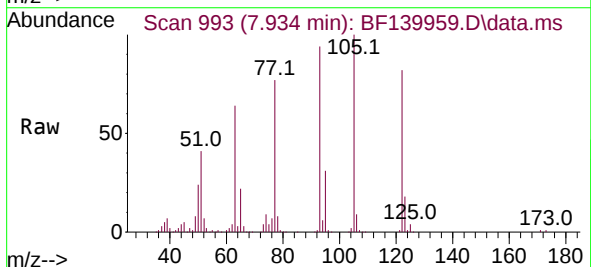
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#32
Benzoic acid
Concen: 49.522 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:122 Resp: 331294
Ion Ratio Lower Upper
122 100
105 121.7 107.6 147.6
77 93.6 80.2 120.2





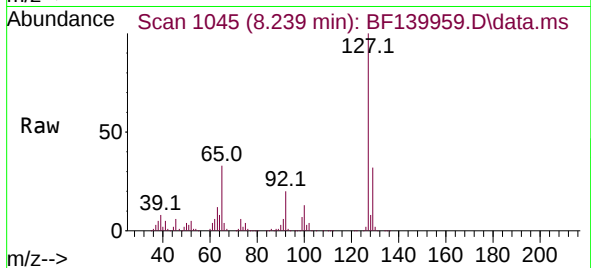
#33
4-Chloroaniline
Concen: 25.792 ng
RT: 8.239 min Scan# 1045
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:127 Resp: 27957
Ion Ratio Lower Upper
127 100
129 32.0 25.4 38.2
65 32.6 28.4 42.6
92 20.3 16.6 25.0

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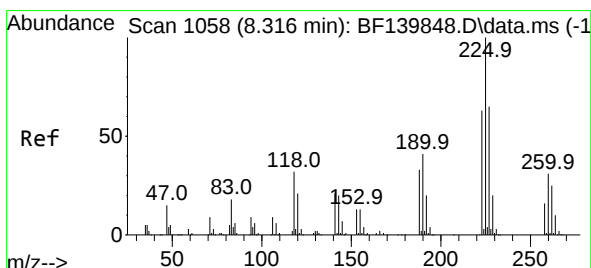
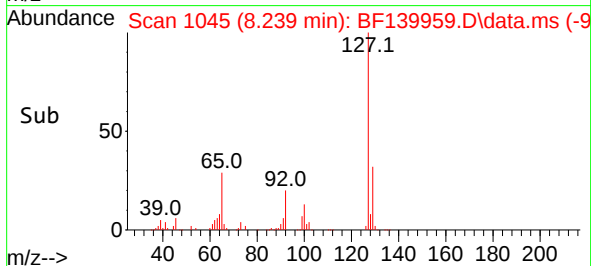
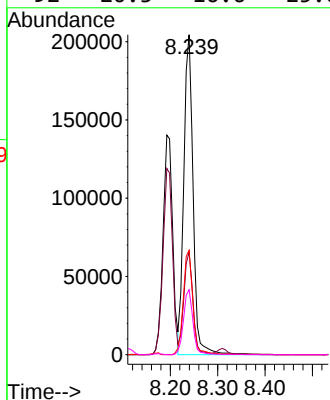
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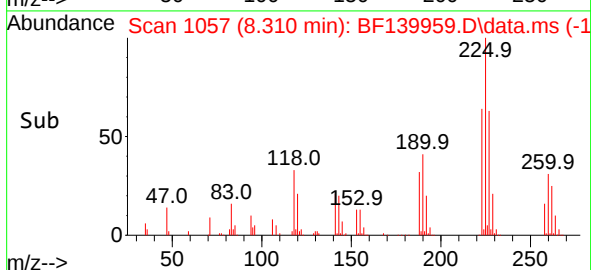
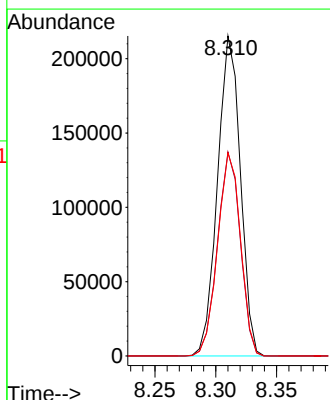
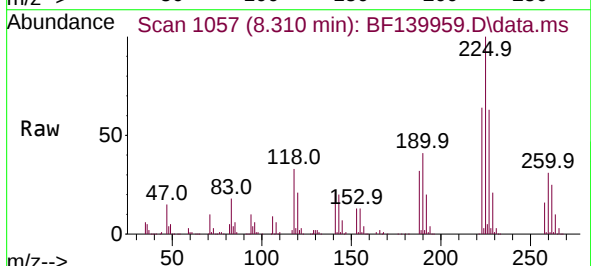
ahmed

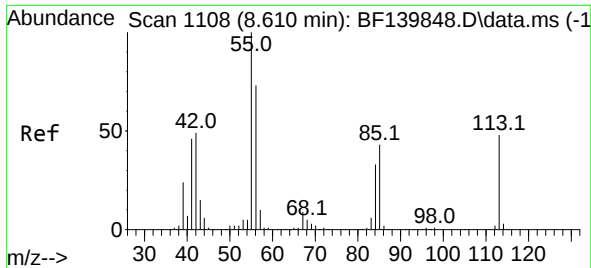
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#34
Hexachlorobutadiene
Concen: 46.339 ng
RT: 8.310 min Scan# 1057
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

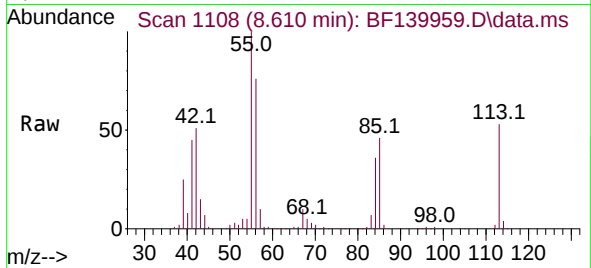
Tgt Ion:225 Resp: 281463
Ion Ratio Lower Upper
225 100
223 63.7 50.6 76.0
227 63.5 51.8 77.8





#35
 Caprolactam
 Concen: 51.971 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF139959.D
 Acq: 23 Oct 2024 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB164123BS

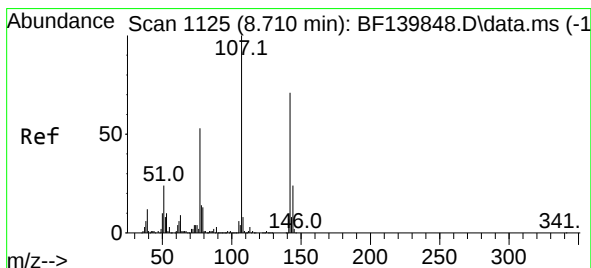
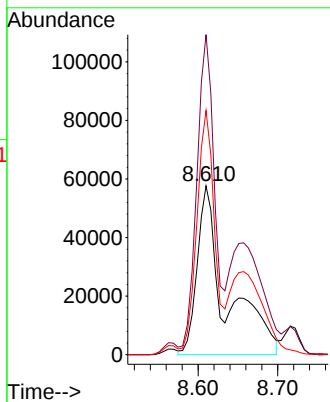
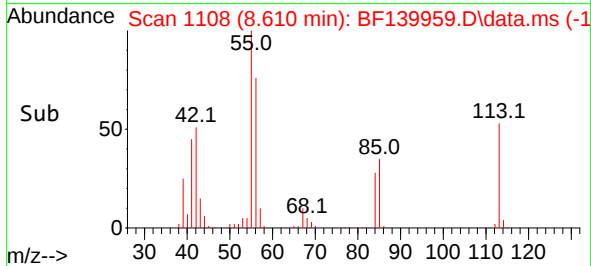


Tgt Ion:113 Resp: 144372
 Ion Ratio Lower Upper
 113 100
 55 189.6 189.2 229.2
 56 144.7 132.5 172.5

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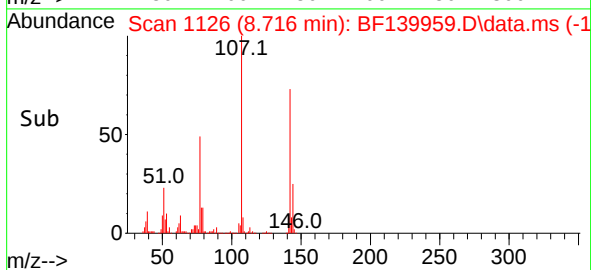
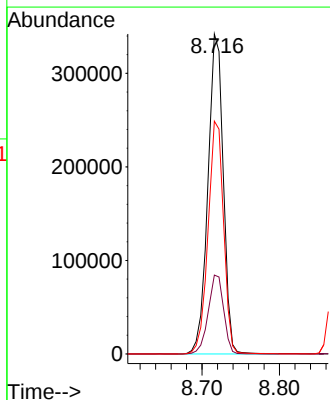
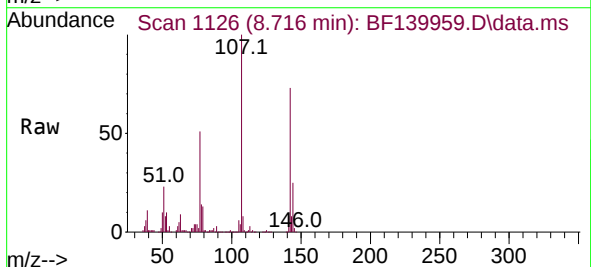
Reviewed By :Yogesh
 Patel
 10/24/2024

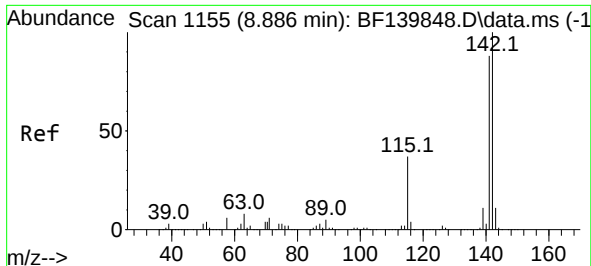
Supervised By :mohammad
 ahmed
 10/25/2024



#36
 4-Chloro-3-methylphenol
 Concen: 48.707 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF139959.D
 Acq: 23 Oct 2024 12:39

Tgt Ion:107 Resp: 471188
 Ion Ratio Lower Upper
 107 100
 144 24.7 19.1 28.7
 142 72.7 57.2 85.8





#37

2-Methylnaphthalene

Concen: 47.983 ng

RT: 8.886 min Scan# 1155

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion:142 Resp: 93418

Ion Ratio Lower Upper

142 100

141 88.8 70.8 106.2

Manual Integrations

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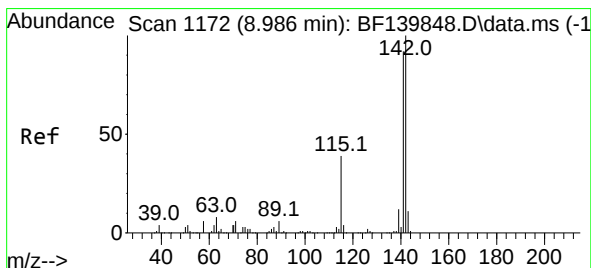
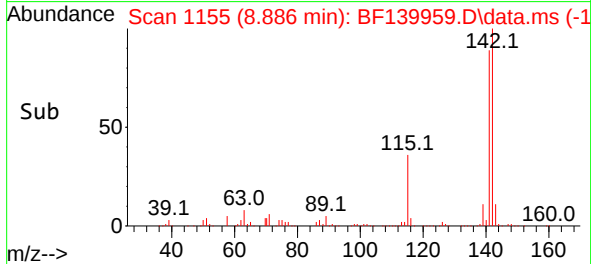
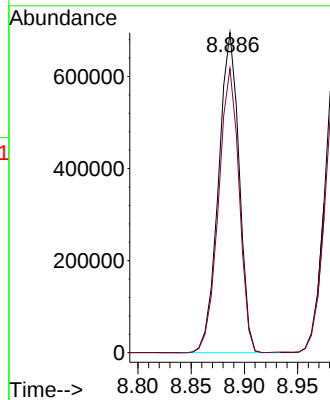
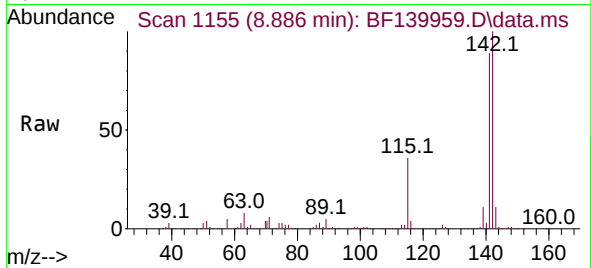
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#38

1-Methylnaphthalene

Concen: 45.850 ng

RT: 8.986 min Scan# 1172

Delta R.T. 0.000 min

Lab File: BF139959.D

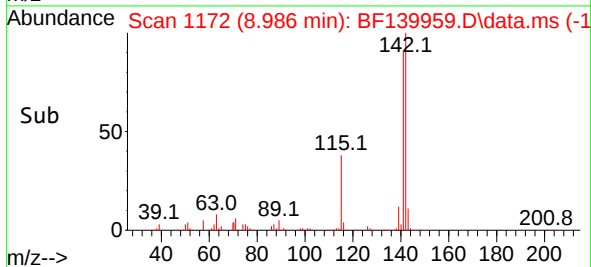
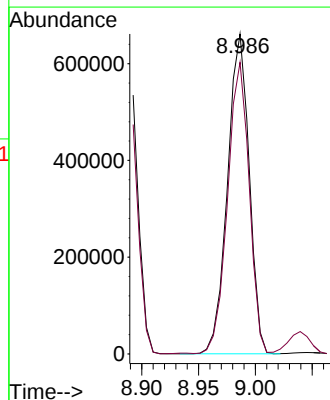
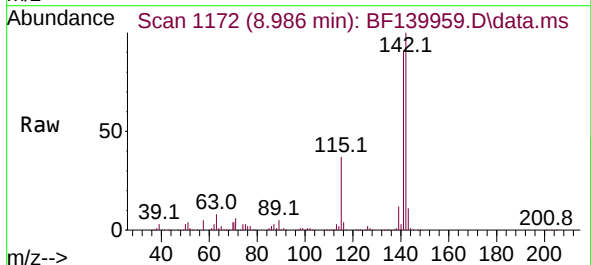
Acq: 23 Oct 2024 12:39

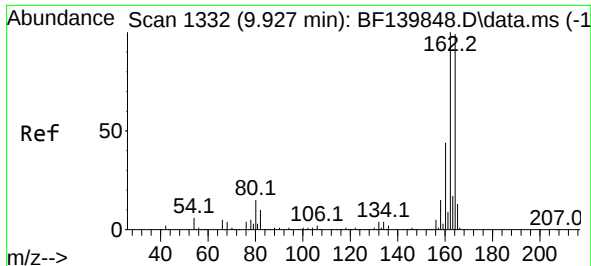
Tgt Ion:142 Resp: 875790

Ion Ratio Lower Upper

142 100

141 91.1 73.5 110.3





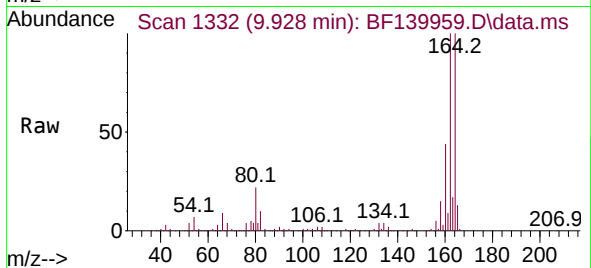
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1183
Delta R.T. 0.001 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:164 Resp: 348472
Ion Ratio Lower Upper
164 100
162 99.9 81.0 121.4
160 43.7 35.4 53.0

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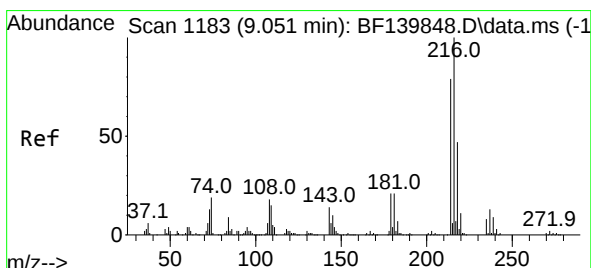
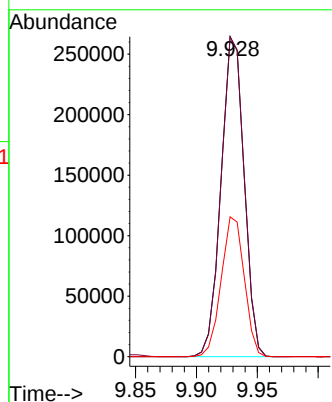
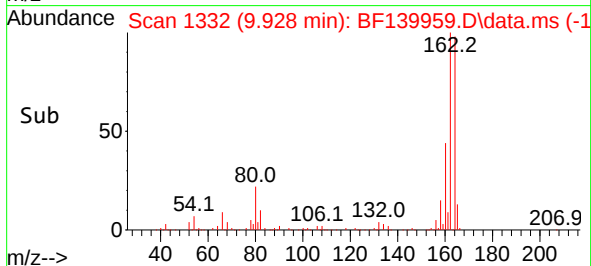
Patel

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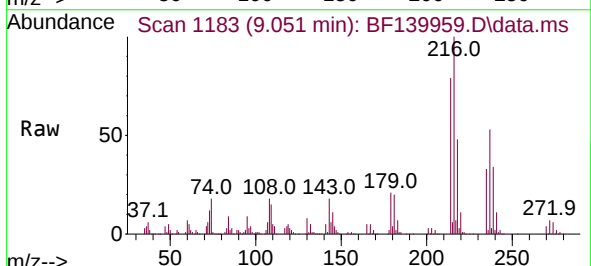
Supervised By :mohammad

ahmed

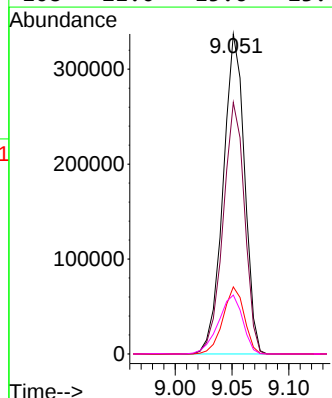
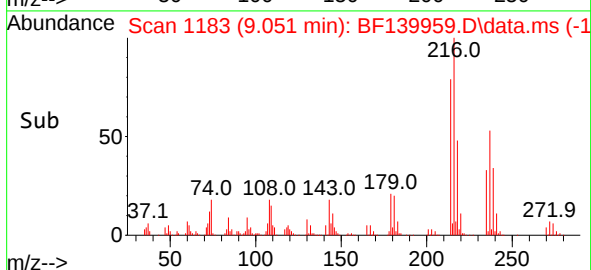
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.006 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



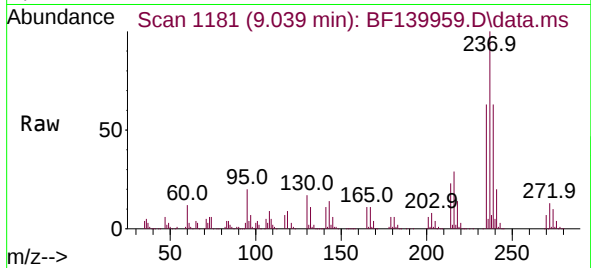
Tgt Ion:216 Resp: 441914
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 20.8 17.2 25.8
108 21.0 15.6 23.4





#41
Hexachlorocyclopentadiene
Concen: 175.926 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

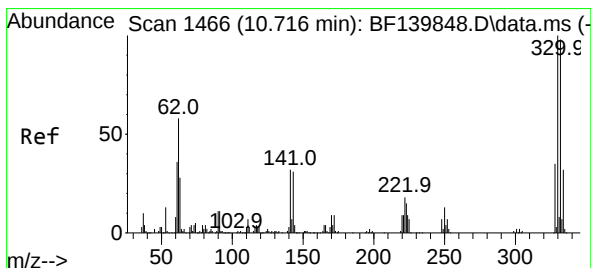
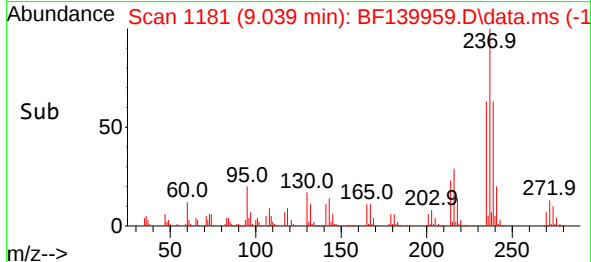
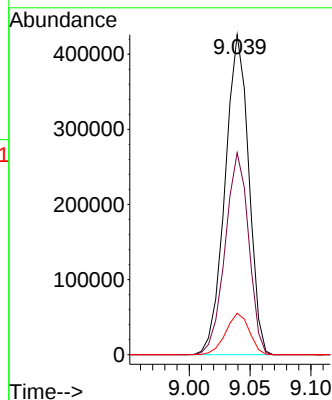


Tgt Ion:237 Resp: 575484
Ion Ratio Lower Upper
237 100
235 63.1 42.9 82.9
272 12.9 0.0 32.3

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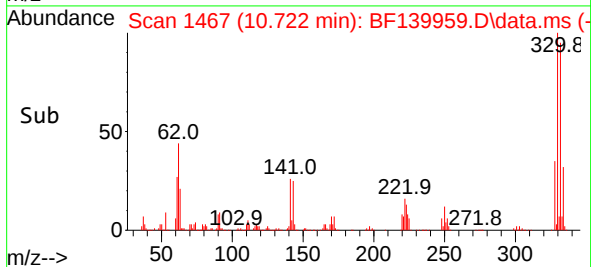
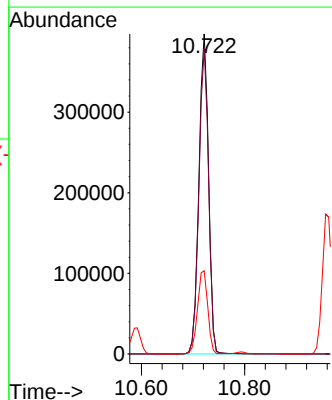
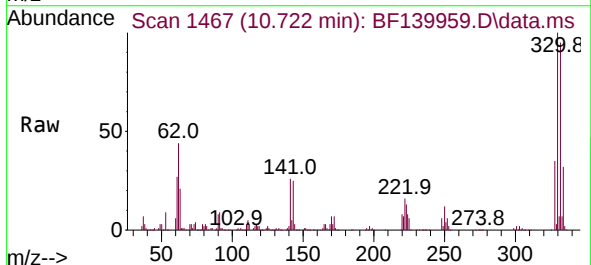
Reviewed By :Yogesh
Patel
10/24/2024

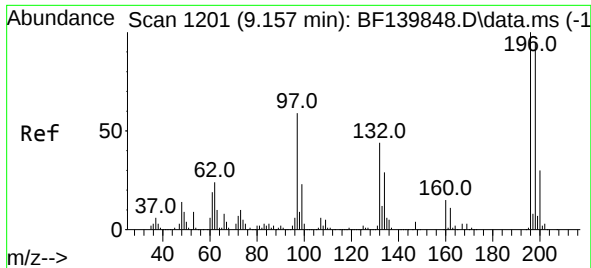
Supervised By :mohammad
ahmed
10/25/2024



#42
2,4,6-Tribromophenol
Concen: 158.016 ng
RT: 10.722 min Scan# 1467
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:330 Resp: 515054
Ion Ratio Lower Upper
330 100
332 95.4 78.1 117.1
141 27.6 26.6 39.8





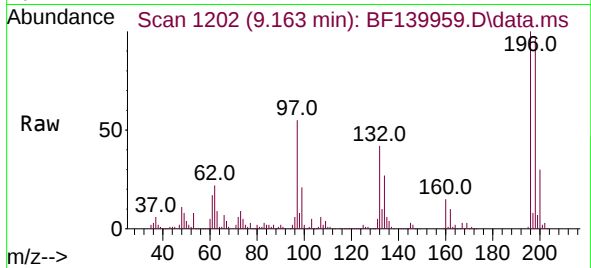
#43
2,4,6-Trichlorophenol
Concen: 50.889 ng
RT: 9.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:196 Resp: 338719
Ion Ratio Lower Upper
196 100
198 96.1 76.2 114.2
200 30.4 24.0 36.0

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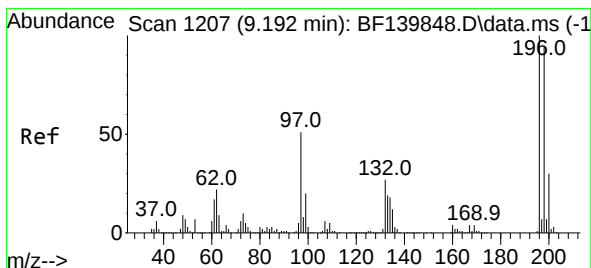
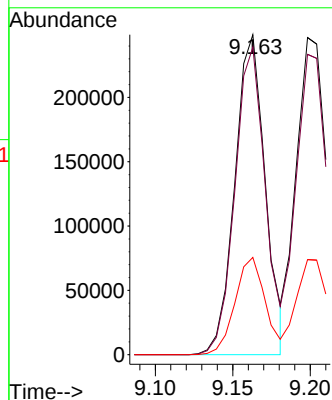
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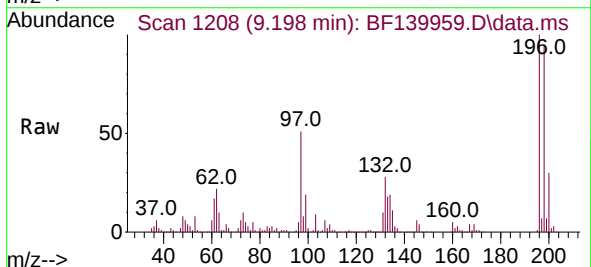
Supervised By :mohammad

ahmed

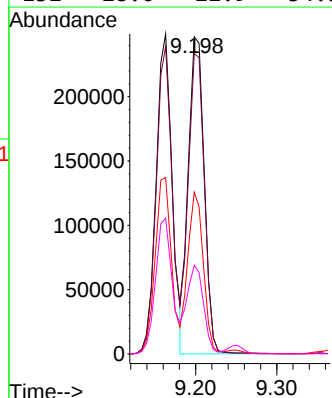
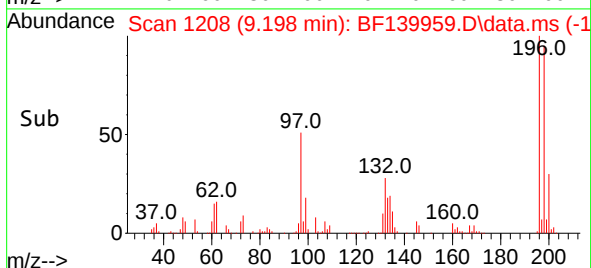
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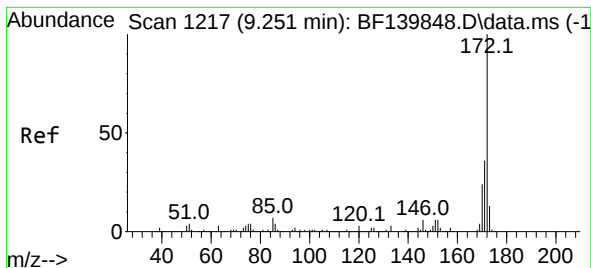


#44
2,4,5-Trichlorophenol
Concen: 49.501 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



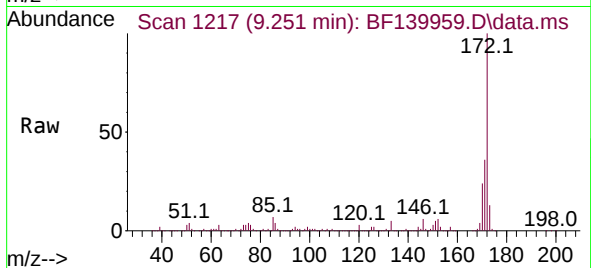
Tgt Ion:196 Resp: 339933
Ion Ratio Lower Upper
196 100
198 94.7 75.8 113.6
97 51.0 41.8 62.6
132 28.0 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 91.582 ng
RT: 9.251 min Scan# 1217
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

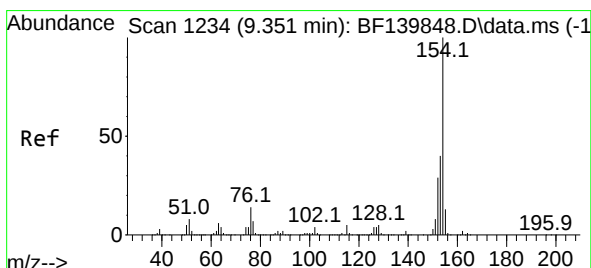
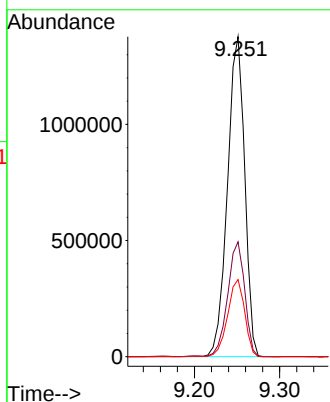
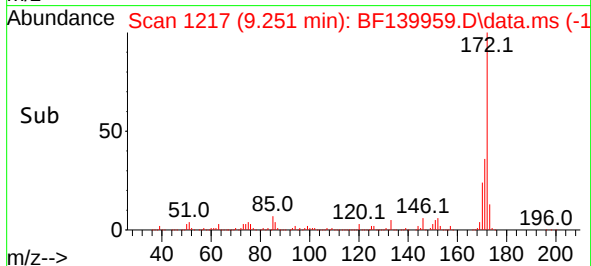


Tgt Ion:172 Resp: 193102
Ion Ratio Lower Upper
172 100
171 35.9 28.6 43.0
170 24.1 19.1 28.7

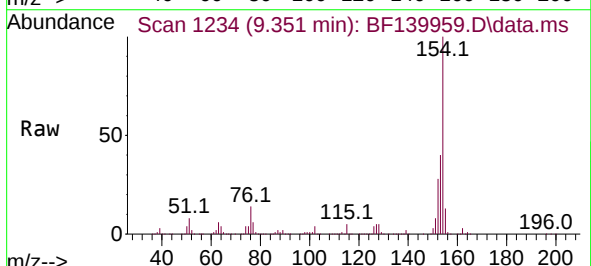
Manual Integrations
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Reviewed By :Yogesh
Patel
10/24/2024

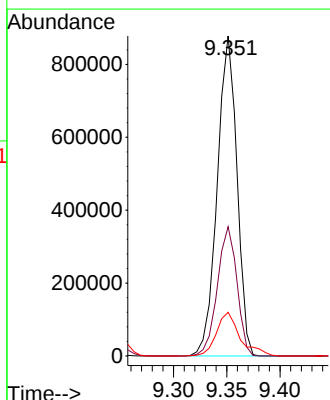
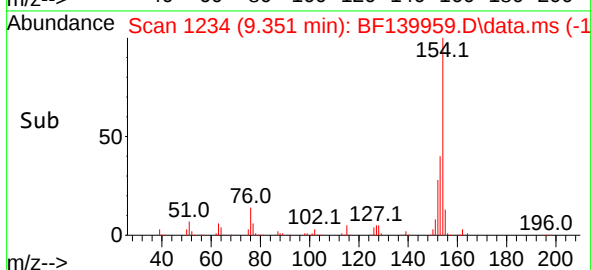
Supervised By :mohammad
ahmed
10/25/2024

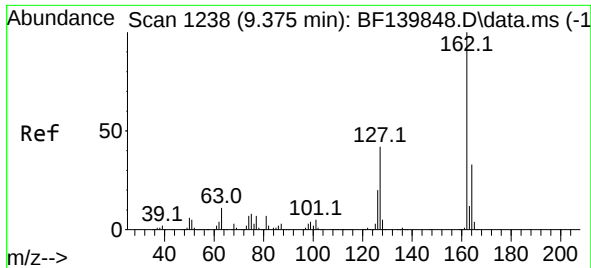


#46
1,1'-Biphenyl
Concen: 46.445 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



Tgt Ion:154 Resp: 1126703
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.7 0.0 33.9





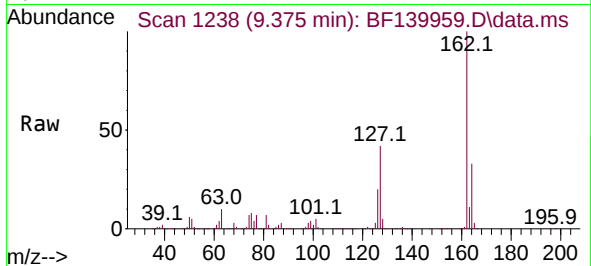
#47
2-Chloronaphthalene
Concen: 46.150 ng
RT: 9.375 min Scan# 1238
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:162 Resp: 901688
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.8 26.6 39.8

Manual Integrations
APPROVED

Reviewed By :Yogesh

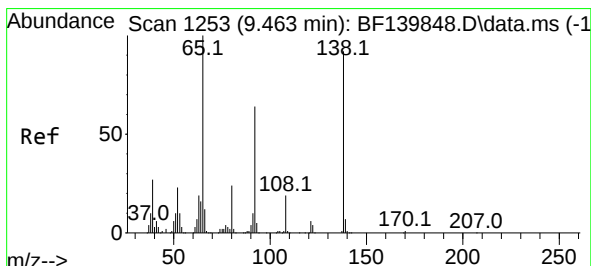
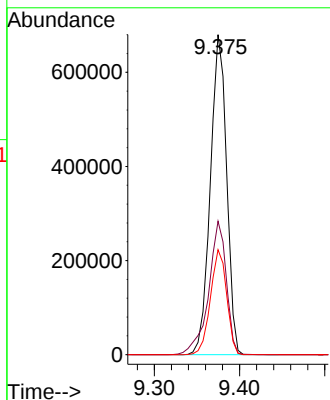
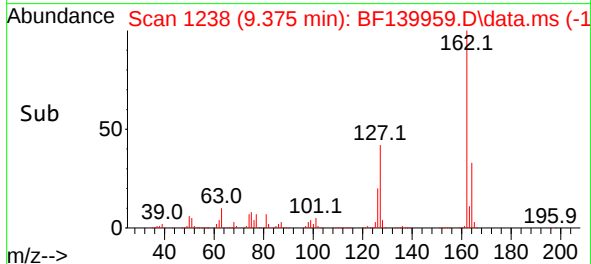
Patel

10/24/2024

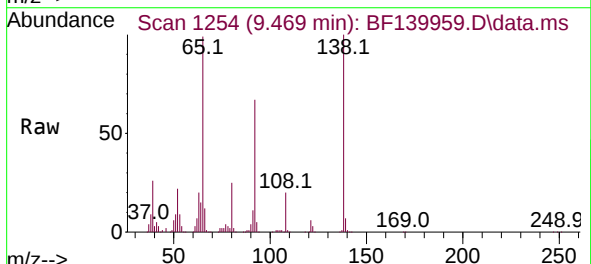
Supervised By :mohammad

ahmed

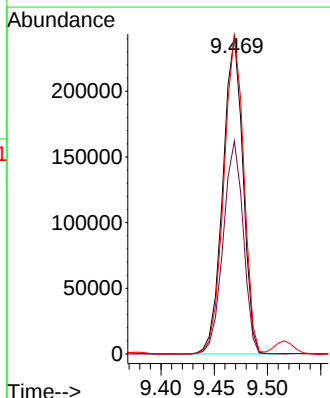
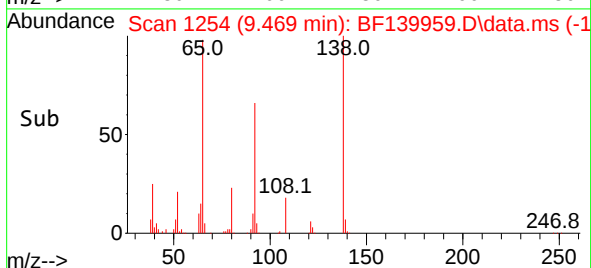
10/25/2024



#48
2-Nitroaniline
Concen: 52.999 ng
RT: 9.469 min Scan# 1254
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



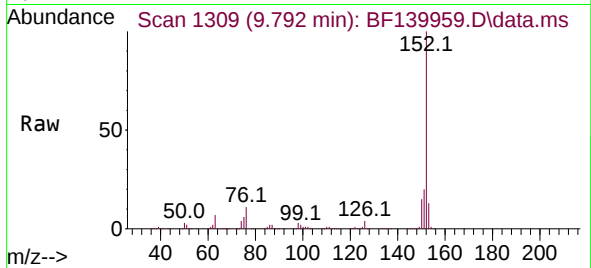
Tgt Ion: 65 Resp: 316703
Ion Ratio Lower Upper
65 100
92 67.0 50.9 76.3
138 100.7 73.4 110.0





#49
Acenaphthylene
Concen: 49.917 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

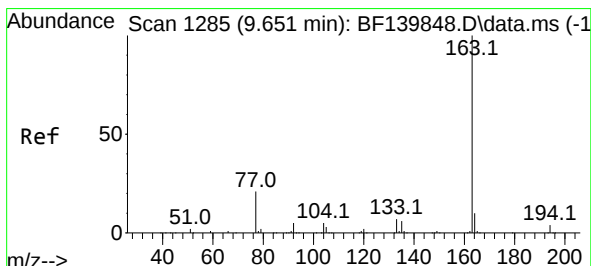
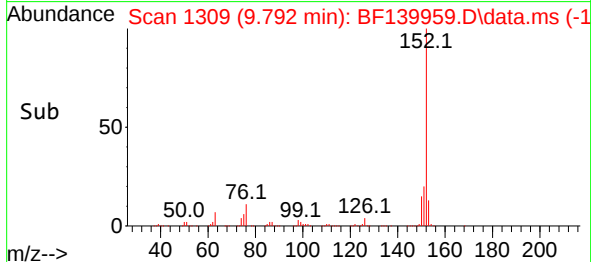
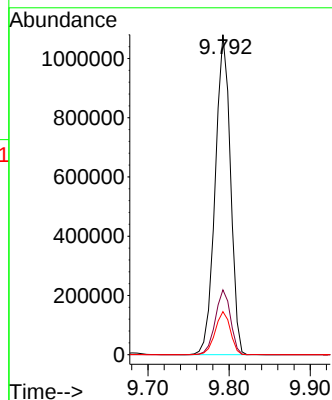


Tgt Ion:152 Resp: 1409992
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.5 10.7 16.1

Manual Integrations
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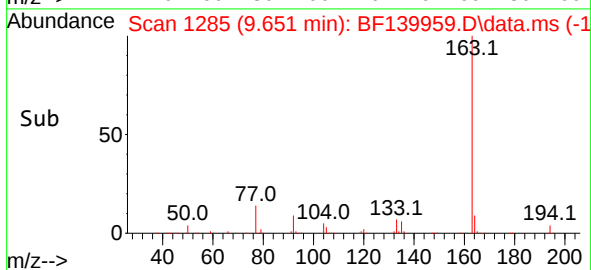
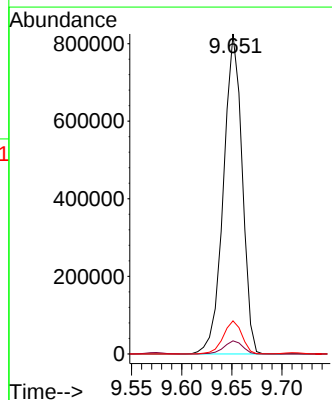
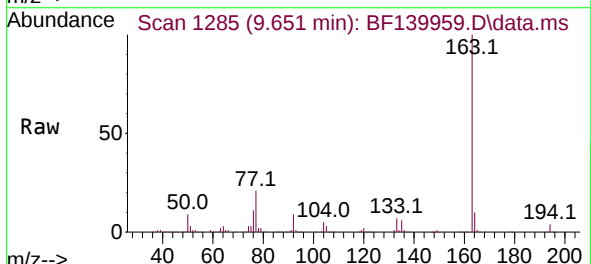
Reviewed By :Yogesh
Patel
10/24/2024

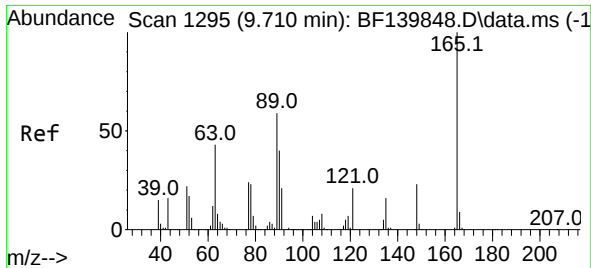
Supervised By :mohammad
ahmed
10/25/2024



#50
Dimethylphthalate
Concen: 49.337 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

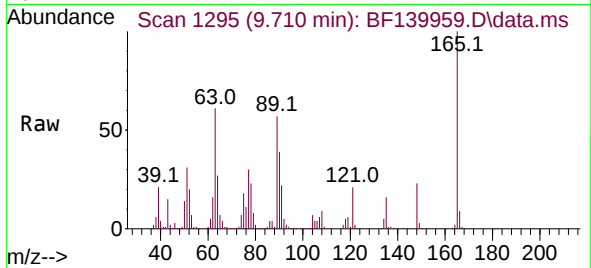
Tgt Ion:163 Resp: 1070887
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.4 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 51.194 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

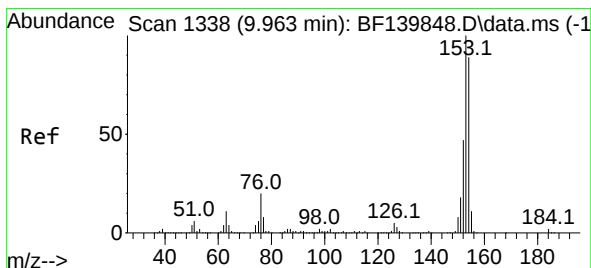
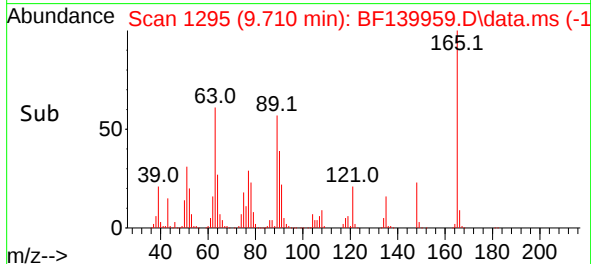
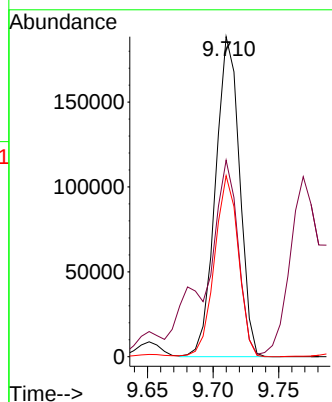


Tgt Ion:165 Resp: 240598
Ion Ratio Lower Upper
165 100
63 61.4 50.6 75.8
89 56.6 47.5 71.3

Manual Integrations
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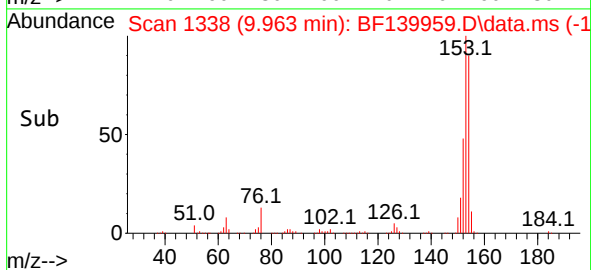
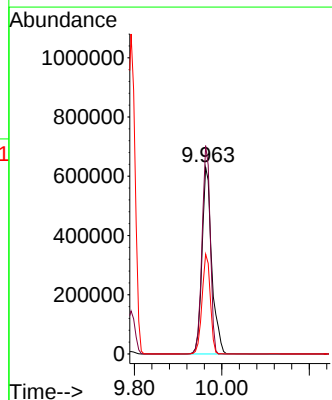
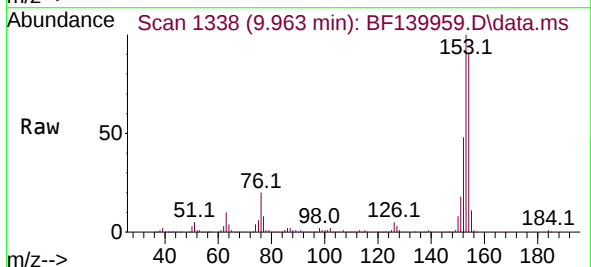
Reviewed By :Yogesh
Patel
10/24/2024

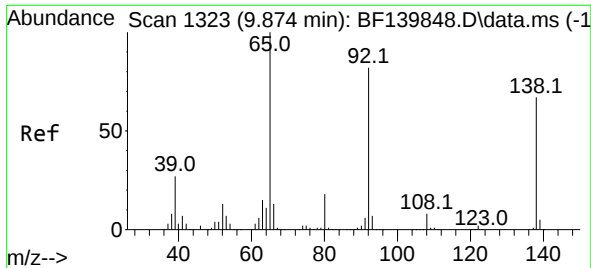
Supervised By :mohammad
ahmed
10/25/2024



#52
Acenaphthene
Concen: 53.683 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:154 Resp: 980931
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 53.5 42.4 63.6





#53
3-Nitroaniline
Concen: 34.194 ng
RT: 9.881 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion:138 Resp: 165720
Ion Ratio Lower Upper
138 100
108 10.7 10.2 15.2
92 117.3 98.3 147.5

Manual Integrations
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Reviewed By :Yogesh

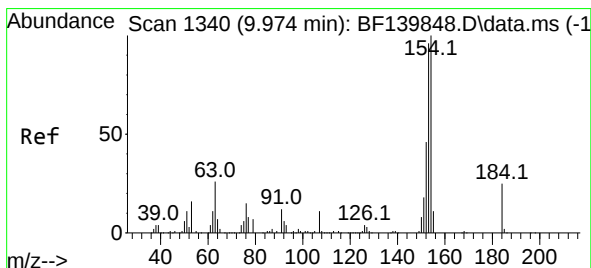
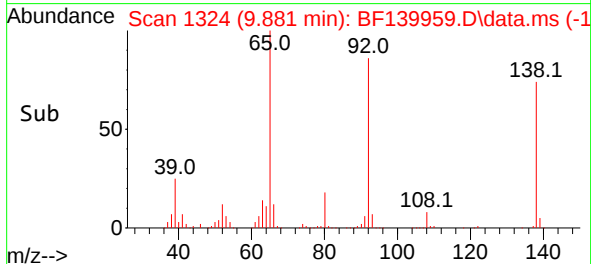
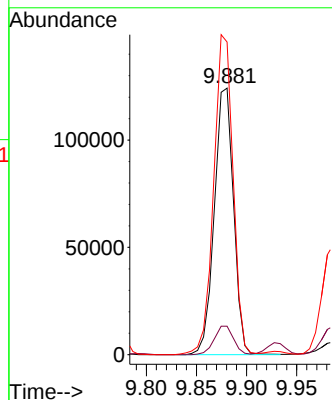
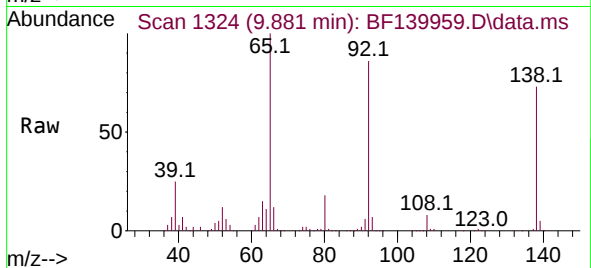
Patel

10/24/2024

Supervised By :mohammad

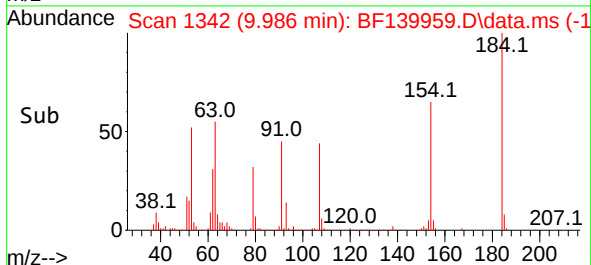
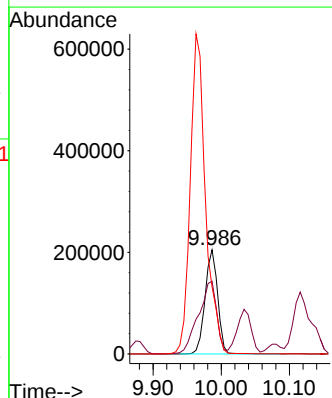
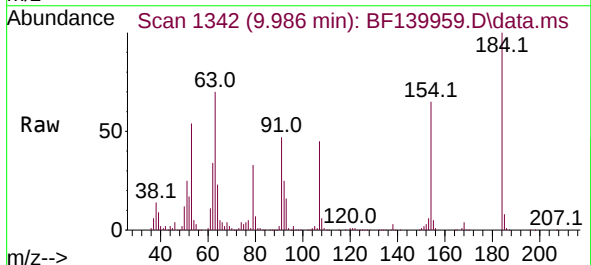
ahmed

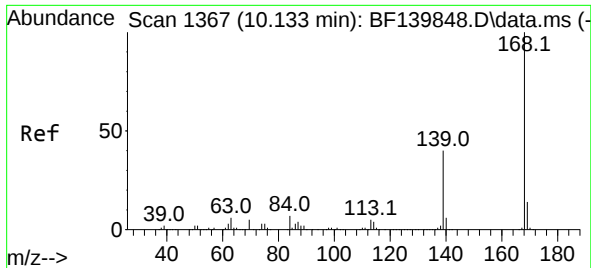
10/25/2024



#54
2,4-Dinitrophenol
Concen: 130.698 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

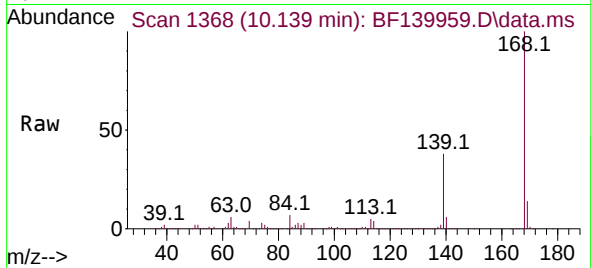
Tgt Ion:184 Resp: 264001
Ion Ratio Lower Upper
184 100
63 69.8 84.7 127.1#
154 64.6 338.2 507.2#





#55
Dibenzenofuran
Concen: 47.324 ng
RT: 10.139 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

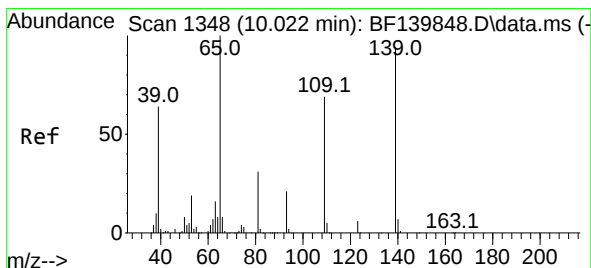
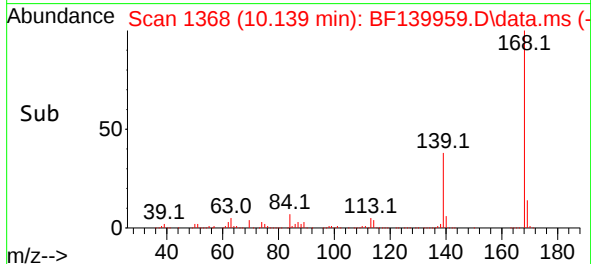
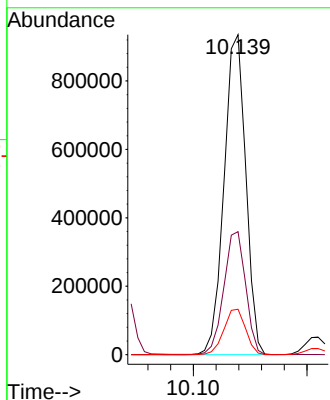


Tgt Ion:168 Resp: 1240679
Ion Ratio Lower Upper
168 100
139 38.5 31.8 47.6
169 14.2 11.6 17.4

Manual Integrations
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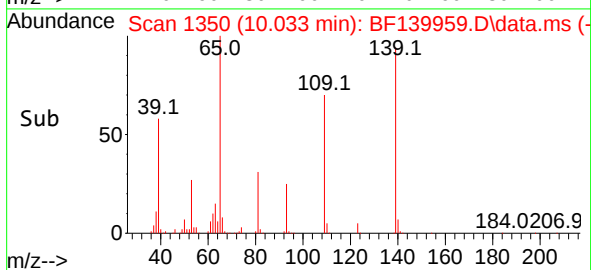
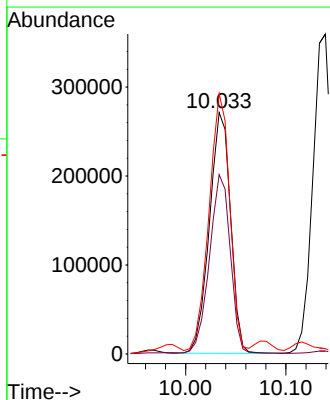
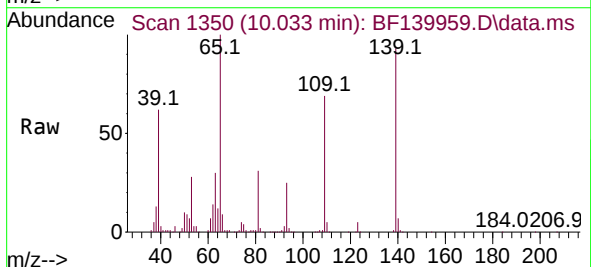
Reviewed By :Yogesh
Patel
10/24/2024

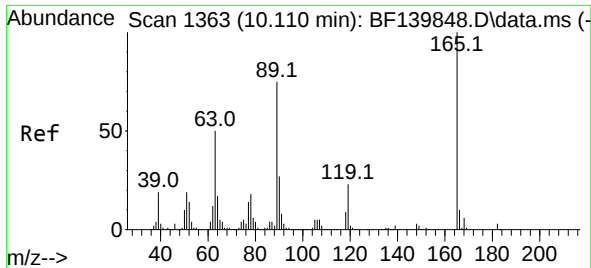
Supervised By :mohammad
ahmed
10/25/2024



#56
4-Nitrophenol
Concen: 106.278 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

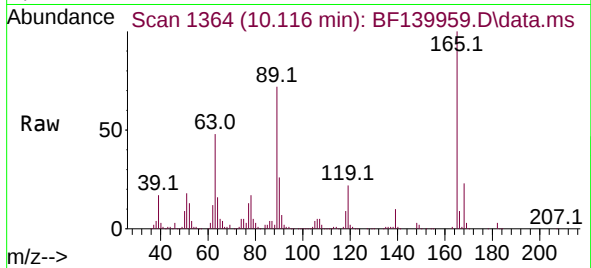
Tgt Ion:139 Resp: 396279
Ion Ratio Lower Upper
139 100
109 74.3 53.6 93.6
65 107.9 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 56.973 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

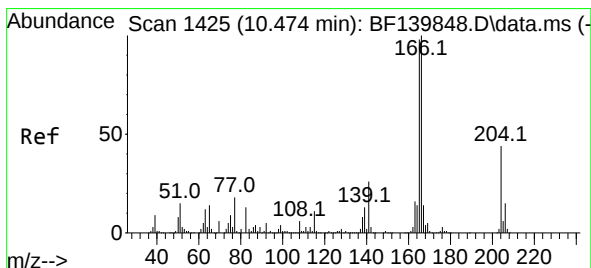
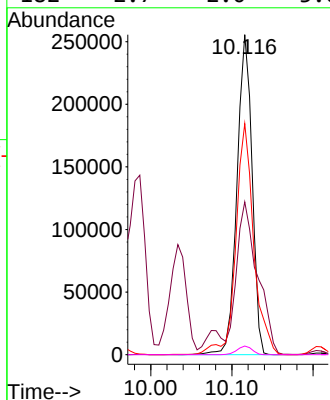
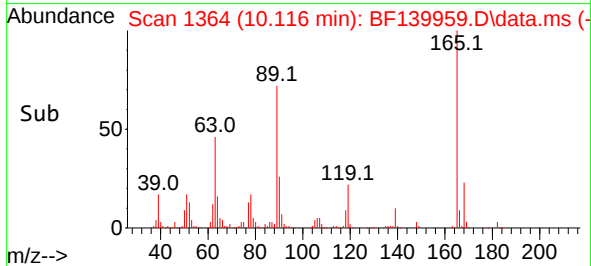


Tgt Ion:165 Resp: 329260
Ion Ratio Lower Upper
165 100
63 47.7 40.1 60.1
89 72.2 60.4 90.6
182 2.7 2.0 3.0

Manual Integrations
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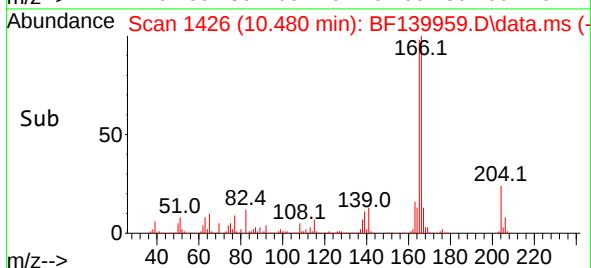
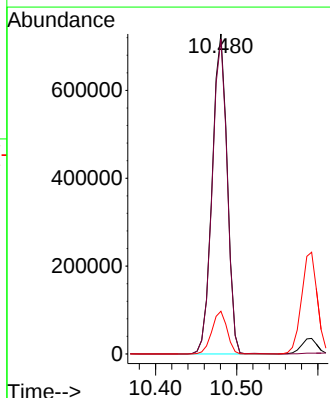
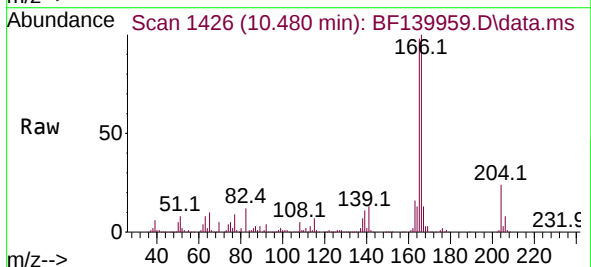
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#58
Fluorene
Concen: 46.861 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

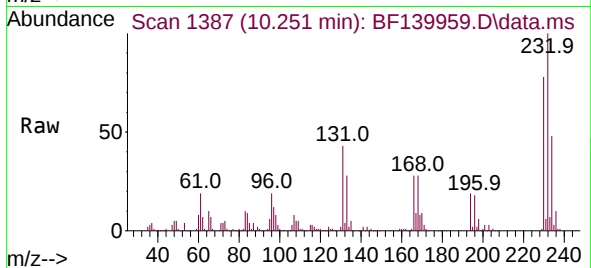
Tgt Ion:166 Resp: 935732
Ion Ratio Lower Upper
166 100
165 98.4 78.5 117.7
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.821 ng
RT: 10.251 min Scan# 1387
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

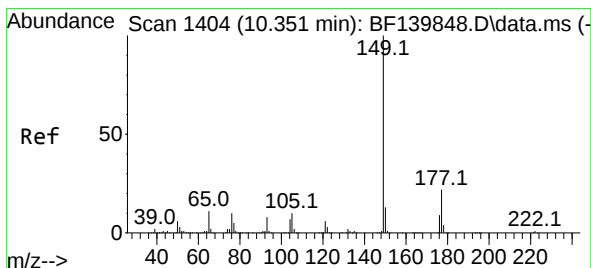
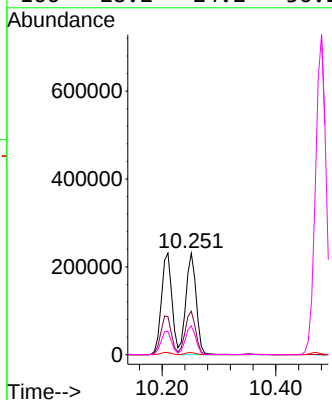


Tgt Ion:232 Resp: 289740
Ion Ratio Lower Upper
232 100
131 43.4 37.0 55.6
130 2.1 1.9 2.9
166 28.2 24.2 36.2

Manual Integrations
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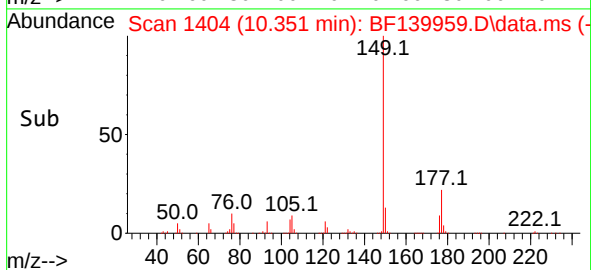
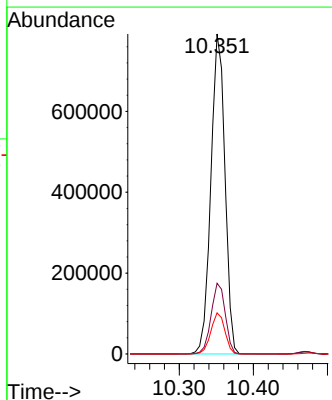
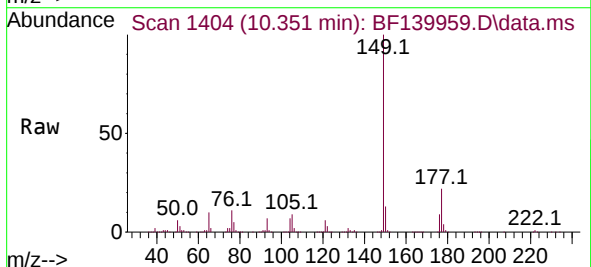
Reviewed By :Yogesh
Patel
10/24/2024

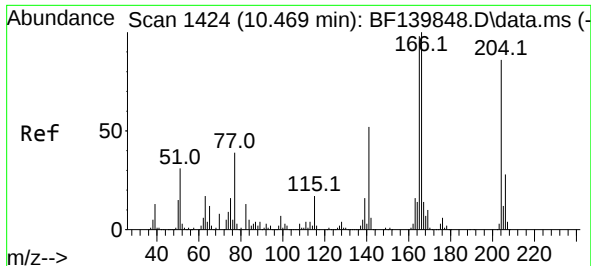
Supervised By :mohammad
ahmed
10/25/2024



#60
Diethylphthalate
Concen: 48.887 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

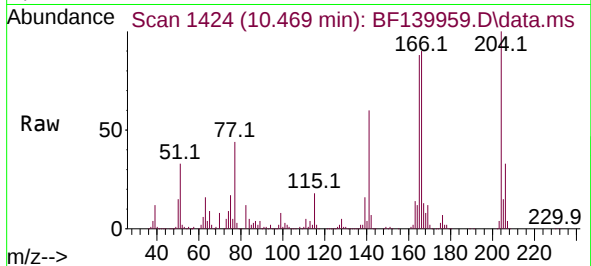
Tgt Ion:149 Resp: 1041864
Ion Ratio Lower Upper
149 100
177 22.1 17.9 26.9
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 47.181 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

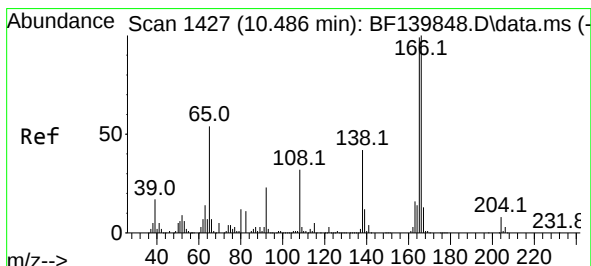
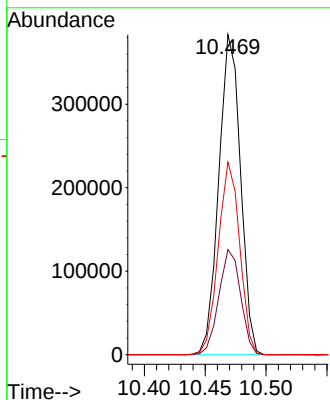
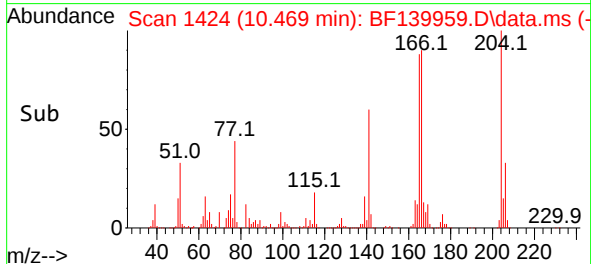


Tgt Ion:204 Resp: 475770
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 60.2 48.6 73.0

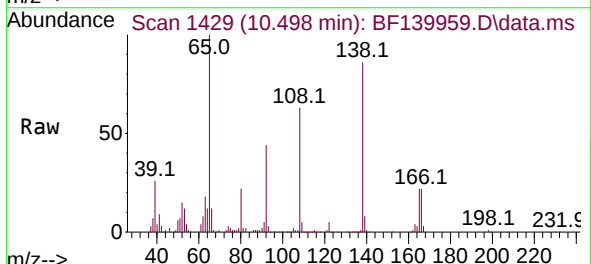
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/24/2024

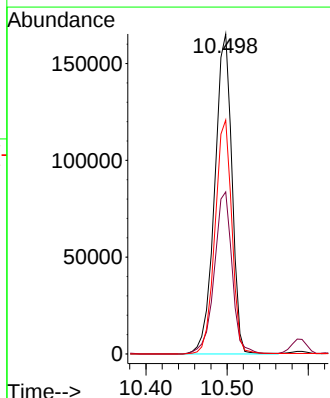
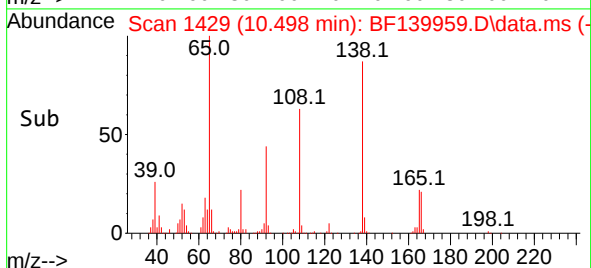
Supervised By :mohammad
ahmed
10/25/2024

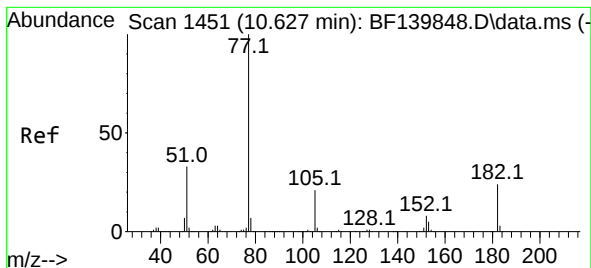


#62
4-Nitroaniline
Concen: 53.208 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



Tgt Ion:138 Resp: 243551
Ion Ratio Lower Upper
138 100
92 50.7 35.7 75.7
108 73.1 57.5 97.5





#63

Azobenzene

Concen: 46.839 ng

RT: 10.633 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion: 77 Resp: 105827

Ion Ratio Lower Upper

77 100

182 26.7 3.3 43.3

105 22.4 1.2 41.2

51 31.5 13.3 53.3

Manual Integrations

APPROVED

Reviewed By :Yogesh

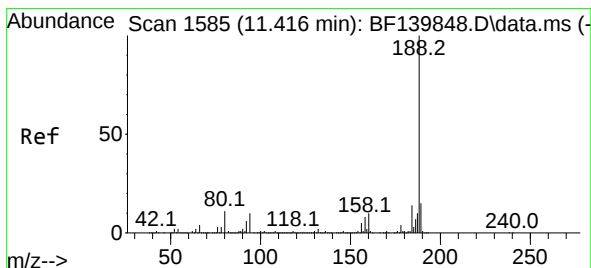
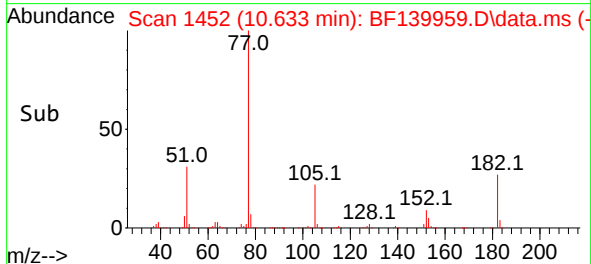
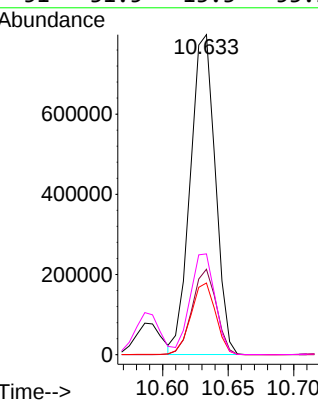
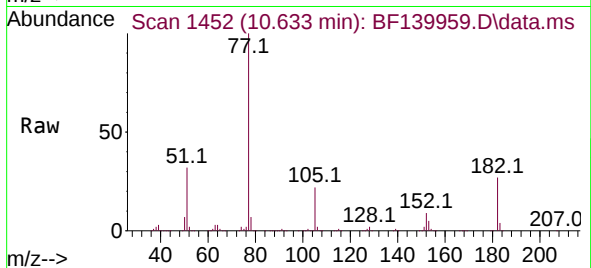
Patel

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Supervised By :mohammad

ahmed

10/25/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.416 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

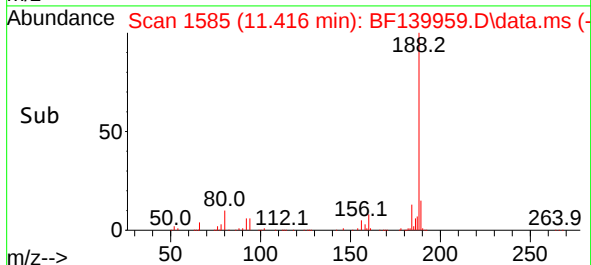
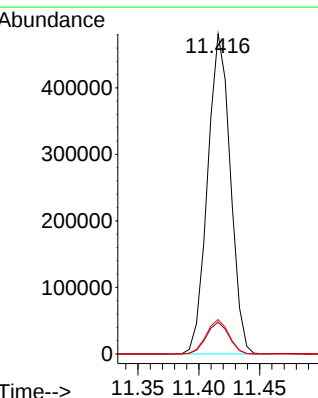
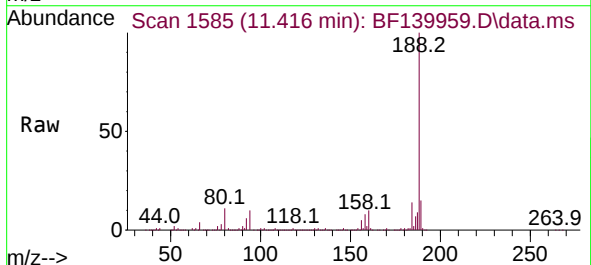
Tgt Ion:188 Resp: 625574

Ion Ratio Lower Upper

188 100

94 9.9 7.9 11.9

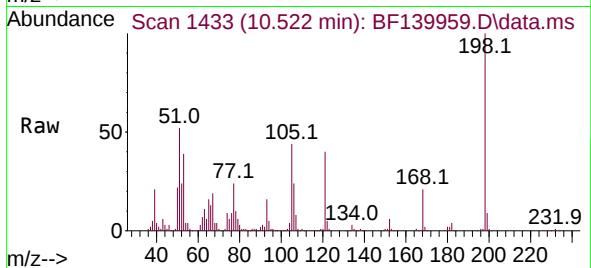
80 10.7 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 69.796 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

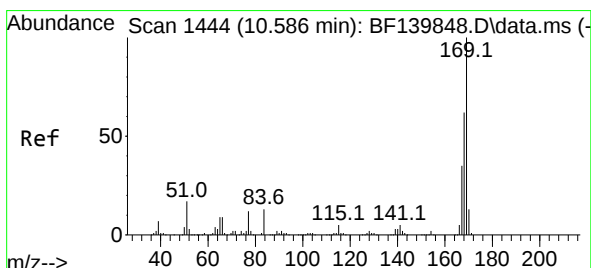
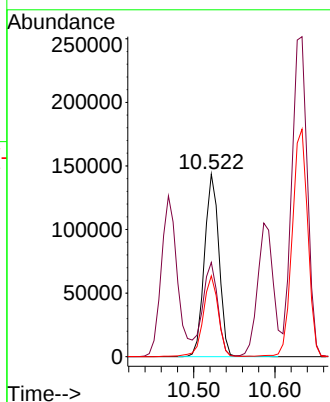
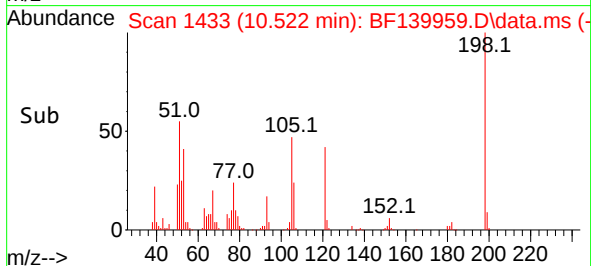


Tgt Ion:198 Resp: 178095
Ion Ratio Lower Upper
198 100
51 51.6 38.2 78.2
105 44.2 27.9 67.9

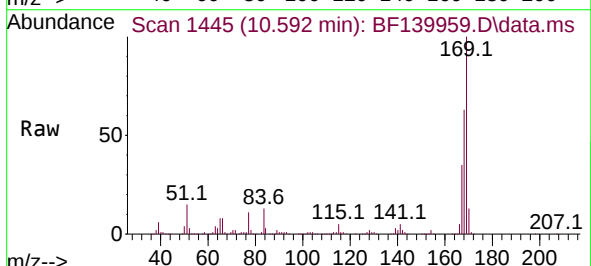
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/24/2024

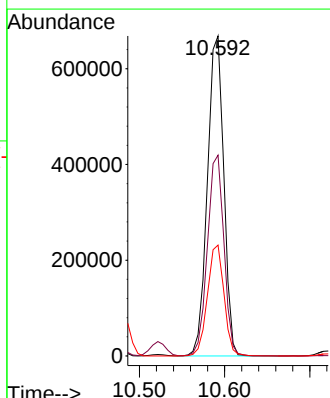
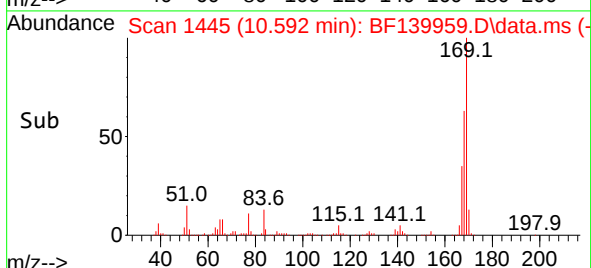
Supervised By :mohammad
ahmed
10/25/2024

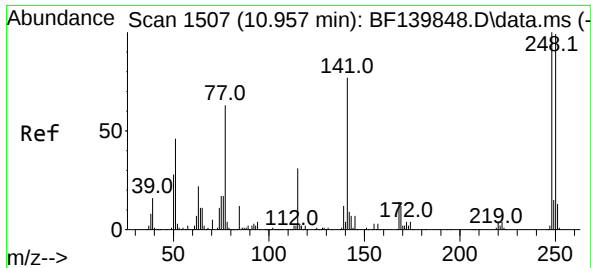


#66
n-Nitrosodiphenylamine
Concen: 47.764 ng
RT: 10.592 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



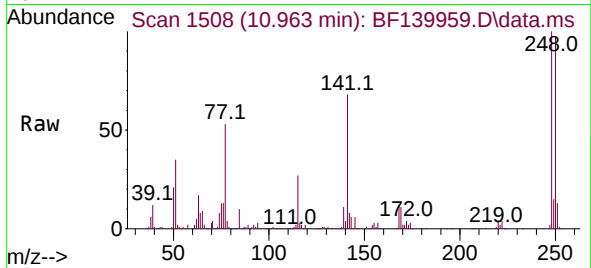
Tgt Ion:169 Resp: 894297
Ion Ratio Lower Upper
169 100
168 62.7 49.8 74.6
167 34.7 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 48.688 ng
RT: 10.963 min Scan# 1508
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

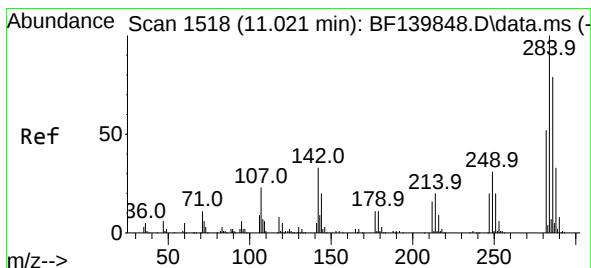
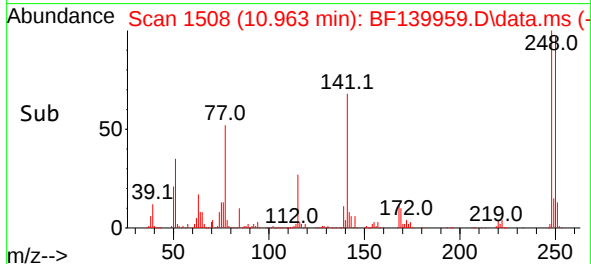
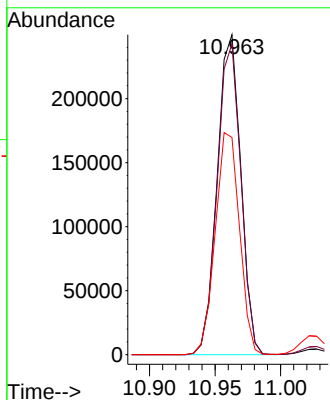


Tgt Ion:248 Resp: 313770
Ion Ratio Lower Upper
248 100
250 97.1 79.0 118.6
141 67.9 61.7 92.5

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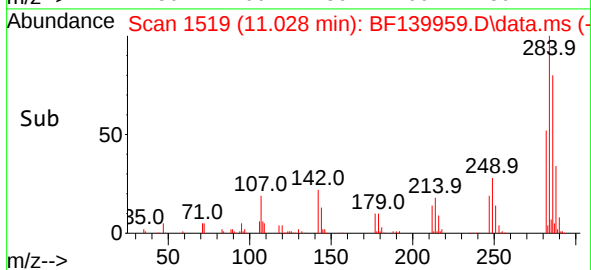
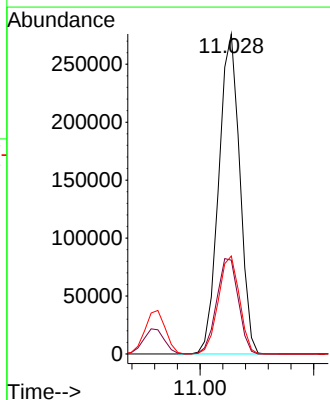
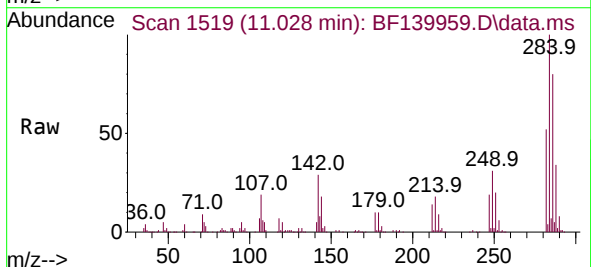
Reviewed By :Yogesh
Patel
10/24/2024

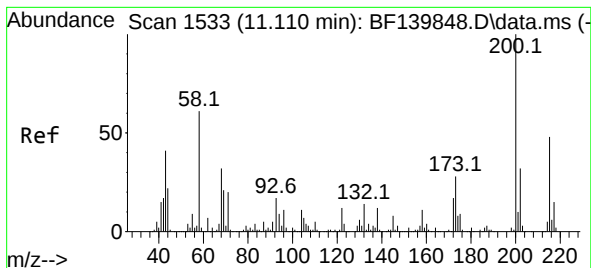
Supervised By :mohammad
ahmed
10/25/2024



#68
Hexachlorobenzene
Concen: 48.879 ng
RT: 11.028 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:284 Resp: 354277
Ion Ratio Lower Upper
284 100
142 29.3 26.9 40.3
249 30.6 25.3 37.9





#69

Atrazine

Concen: 57.414 ng

RT: 11.116 min Scan# 1534

Delta R.T. 0.006 min

Lab File: BF139959.D

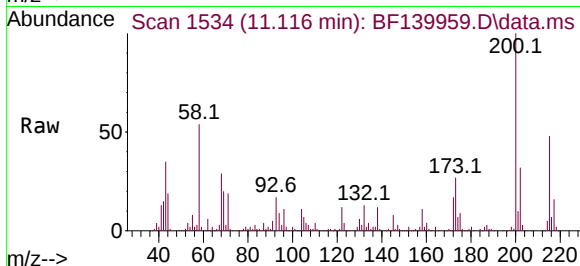
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:	200	Resp:	291198
Ion Ratio	Lower	Upper	
200	100		
173	26.9	7.7	47.7
215	48.2	27.7	67.7

Manual Integrations

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Reviewed By :Yogesh

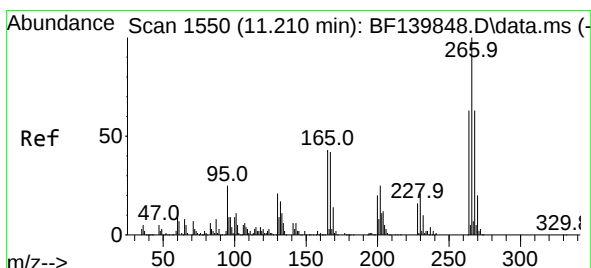
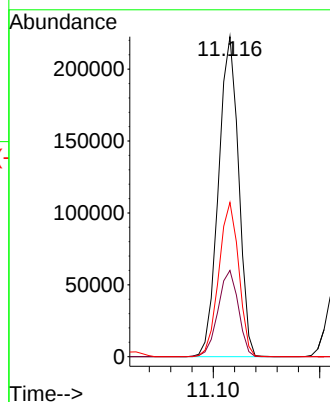
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#70

Pentachlorophenol

Concen: 100.626 ng

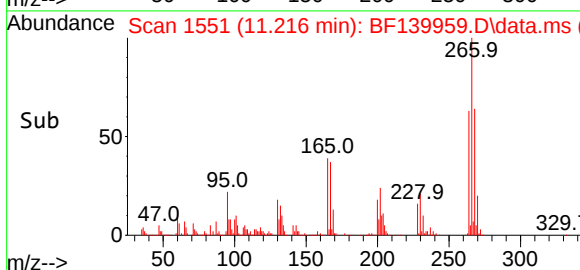
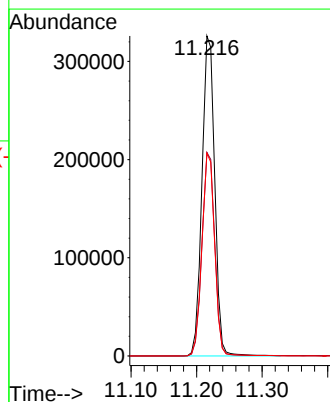
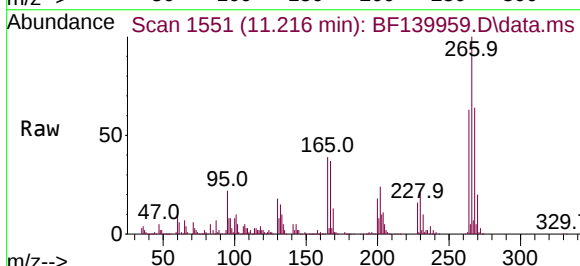
RT: 11.216 min Scan# 1551

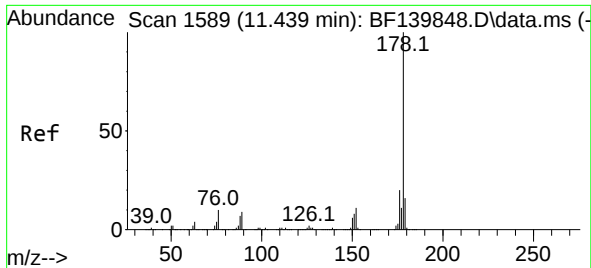
Delta R.T. 0.006 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Tgt Ion:	266	Resp:	442639
Ion Ratio	Lower	Upper	
266	100		
268	63.6	50.4	75.6
264	63.3	50.6	75.8





#71
Phenanthrene
Concen: 47.802 ng
RT: 11.445 min Scan# 1589
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

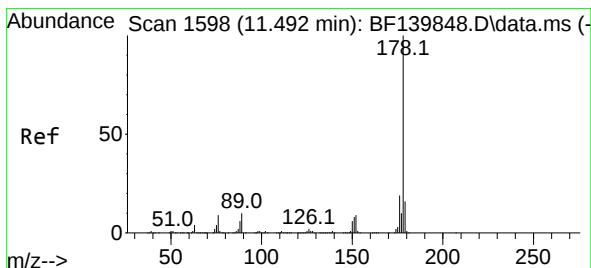
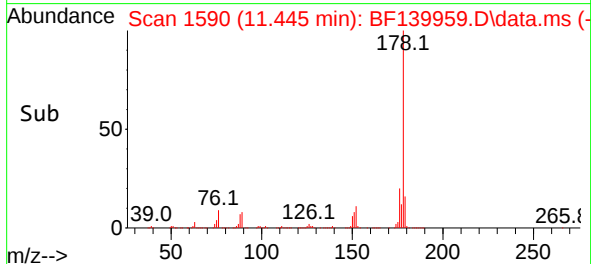
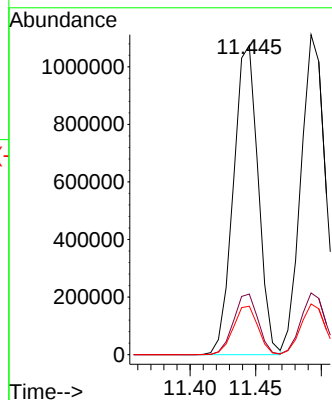
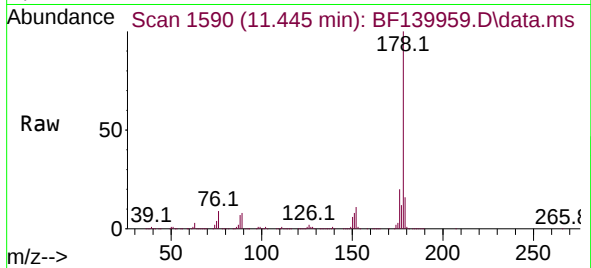
Instrument :
BNA_F
ClientSampleId :
PB164123BS

Tgt Ion:178 Resp: 1412519
Ion Ratio Lower Upper
178 100
176 19.6 15.8 23.6
179 15.7 12.6 18.8

Manual Integrations
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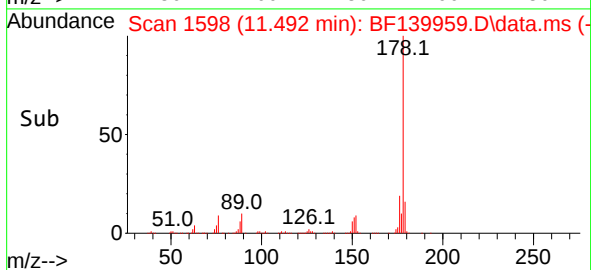
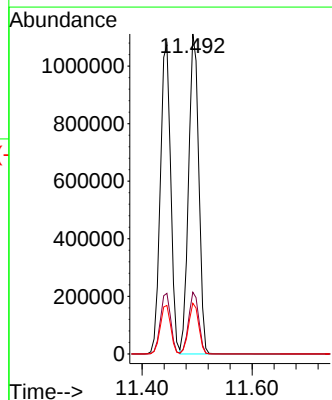
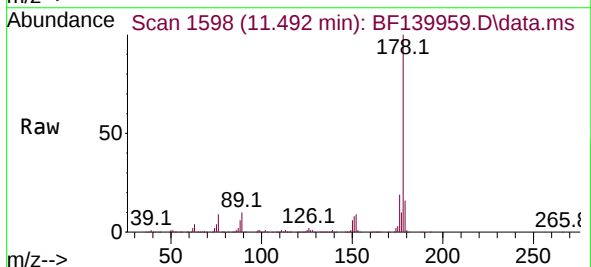
Reviewed By :Yogesh
Patel
10/24/2024

Supervised By :mohammad
ahmed
10/25/2024



#72
Anthracene
Concen: 49.620 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:178 Resp: 1430590
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.9 12.4 18.6





#73

Carbazole

Concen: 46.786 ng

RT: 11.645 min Scan# 1623

Delta R.T. 0.006 min

Lab File: BF139959.D

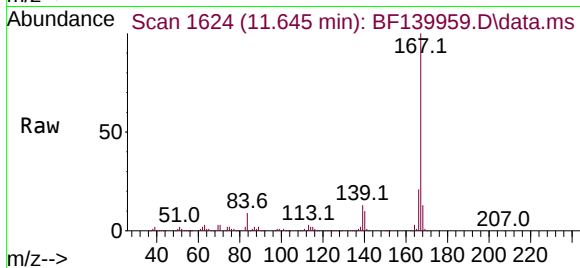
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:167 Resp: 125450

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 13.4 10.8 16.2

Manual Integrations

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Reviewed By :Yogesh

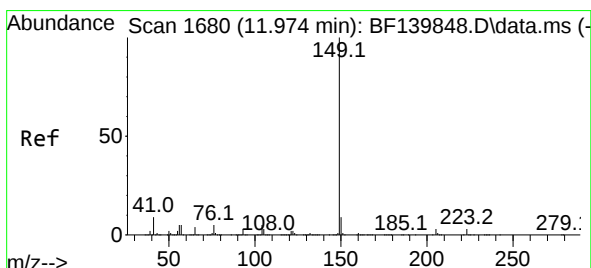
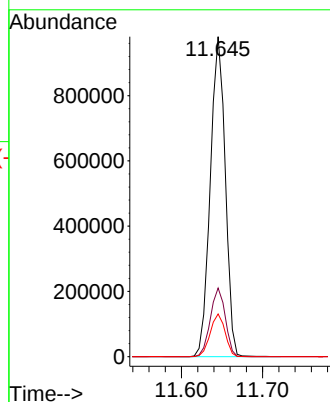
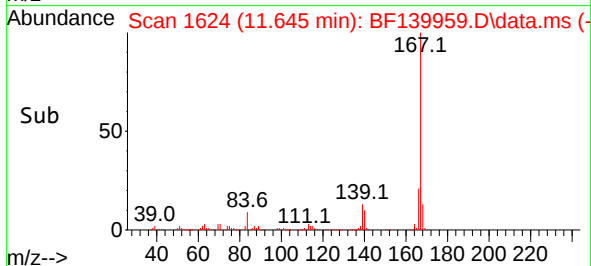
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#74

Di-n-butylphthalate

Concen: 48.640 ng

RT: 11.975 min Scan# 1680

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

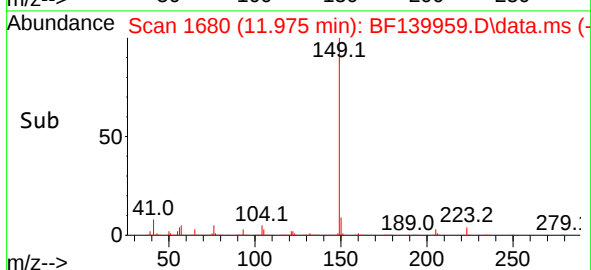
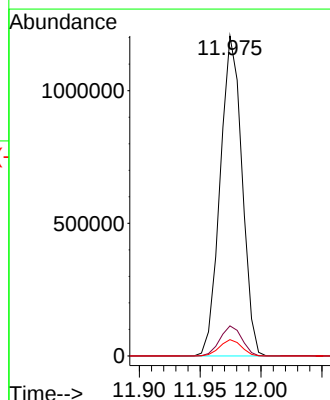
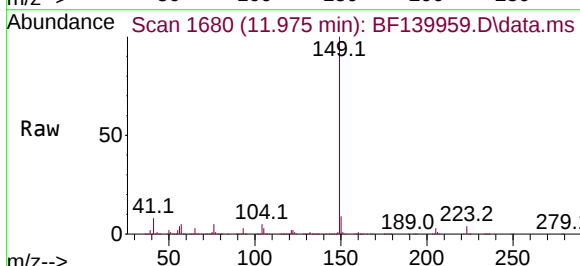
Tgt Ion:149 Resp: 1506787

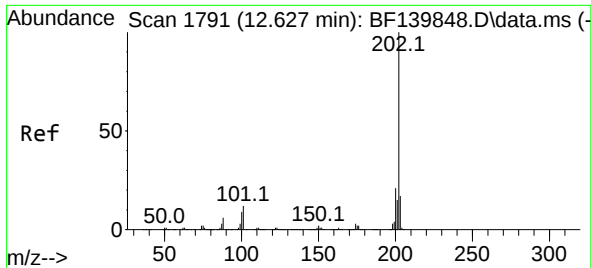
Ion Ratio Lower Upper

149 100

150 9.4 7.5 11.3

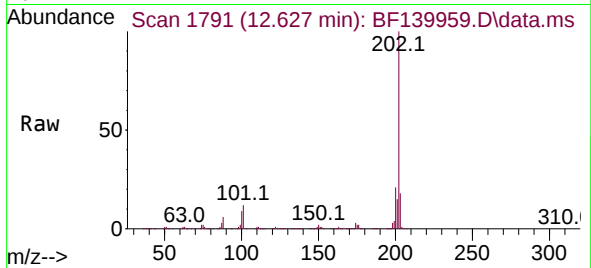
104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 46.667 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

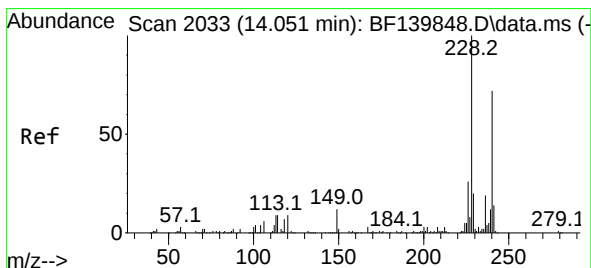
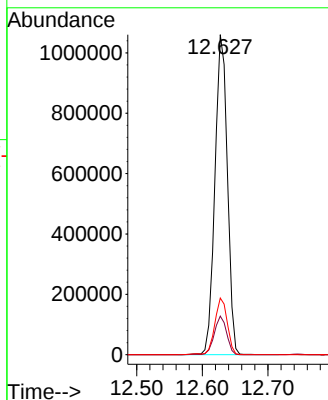
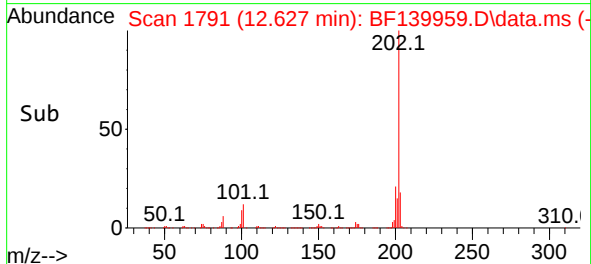


Tgt Ion:202 Resp: 139405
Ion Ratio Lower Upper
202 100
101 12.1 0.0 31.9
203 17.7 0.0 37.5

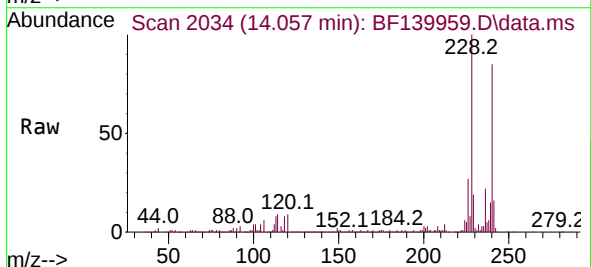
Manual Integrations
APPROVED

Reviewed By :Yogesh
Patel
10/24/2024

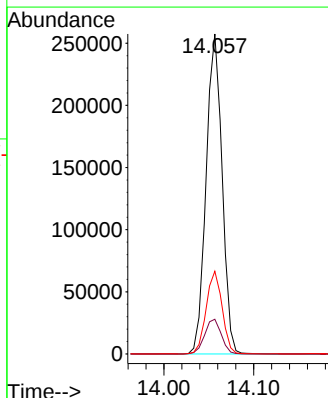
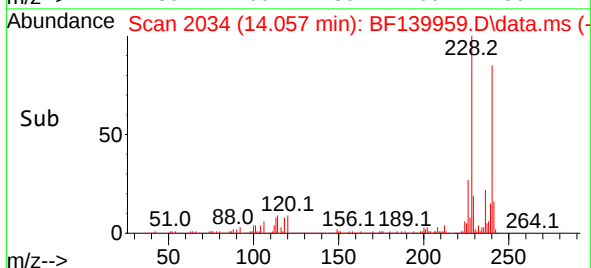
Supervised By :mohammad
ahmed
10/25/2024

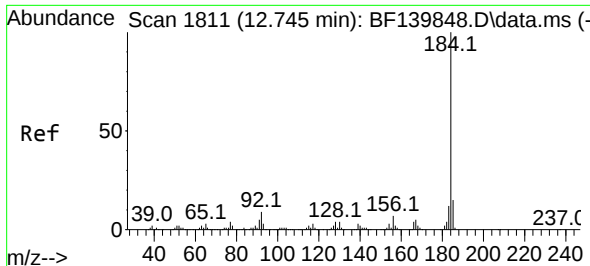


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39



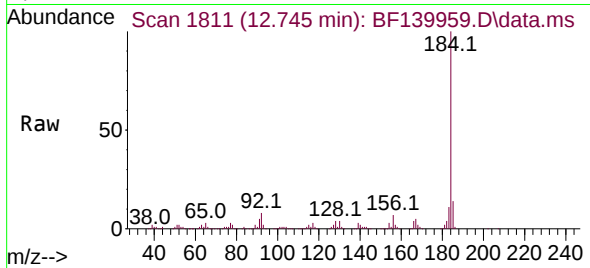
Tgt Ion:240 Resp: 318250
Ion Ratio Lower Upper
240 100
120 10.9 9.4 14.2
236 25.8 20.9 31.3





#77
Benzidine
Concen: 62.989 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

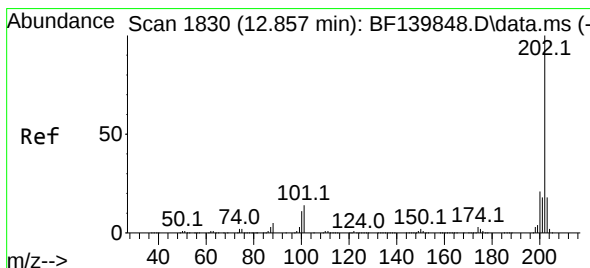
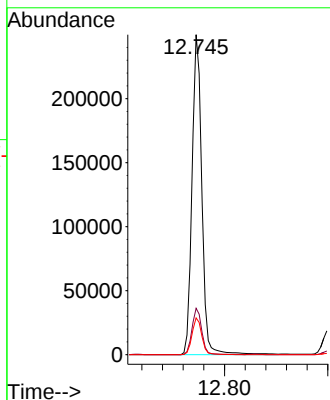


Tgt Ion:184 Resp: 329620
Ion Ratio Lower Upper
184 100
185 14.5 12.0 18.0
183 11.5 9.4 14.2

Manual Integrations
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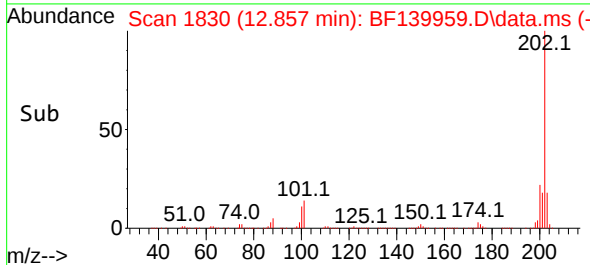
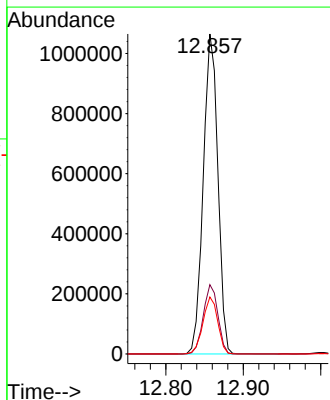
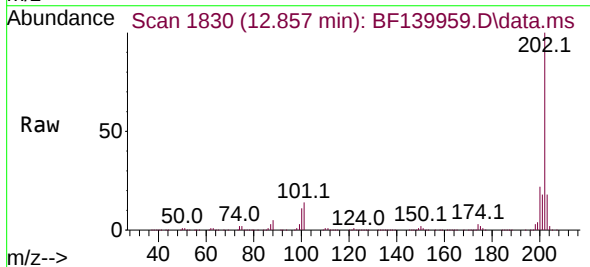
Reviewed By :Yogesh
Patel
10/24/2024

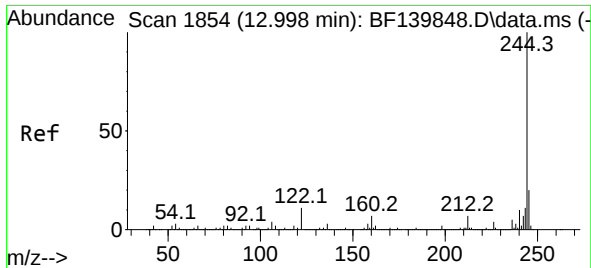
Supervised By :mohammad
ahmed
10/25/2024



#78
Pyrene
Concen: 49.936 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:202 Resp: 1391086
Ion Ratio Lower Upper
202 100
200 21.6 17.2 25.8
203 17.8 14.2 21.4





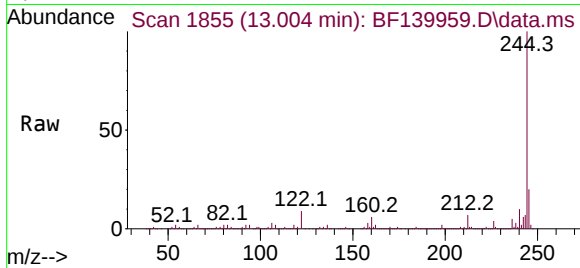
#79
Terphenyl-d14
Concen: 102.635 ng
RT: 13.004 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

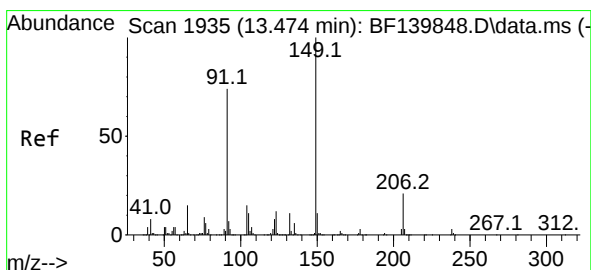
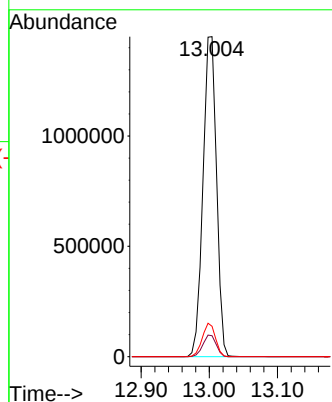


Tgt Ion:244 Resp: 2004549
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 9.5 8.6 13.0

Manual Integrations
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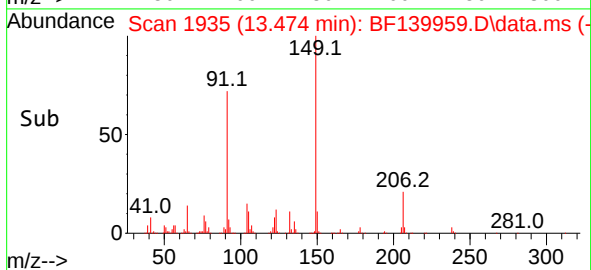
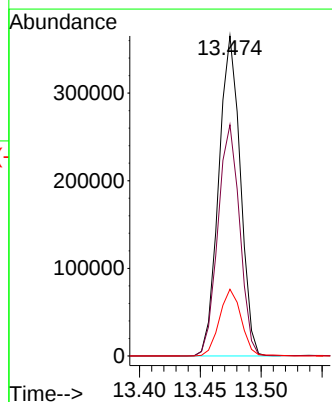
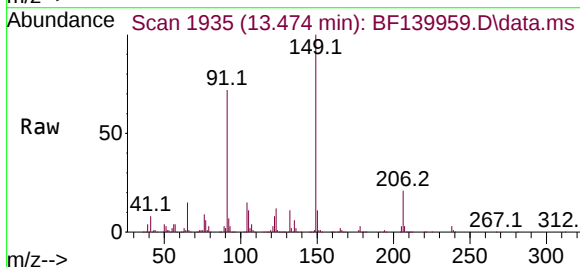
Reviewed By :Yogesh
Patel
10/24/2024

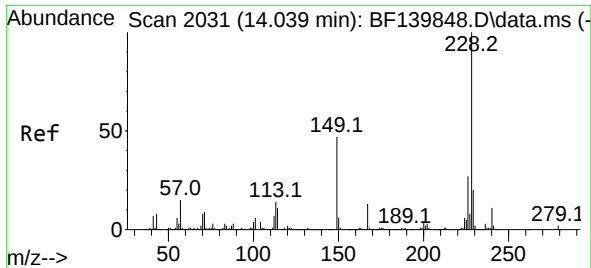
Supervised By :mohammad
ahmed
10/25/2024



#80
Butylbenzylphthalate
Concen: 54.043 ng
RT: 13.474 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:149 Resp: 451349
Ion Ratio Lower Upper
149 100
91 72.3 59.4 89.2
206 20.8 16.4 24.6





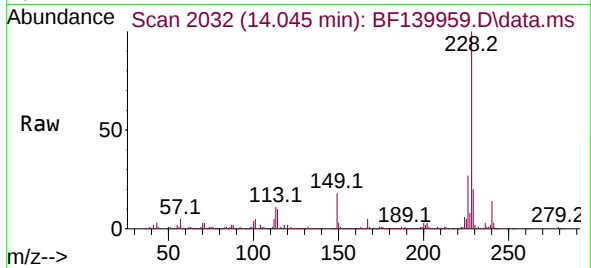
#81
Benzo(a)anthracene
Concen: 50.317 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:228 Resp: 1042409
Ion Ratio Lower Upper
228 100
226 27.3 21.6 32.4
229 19.8 16.1 24.1

Manual Integrations
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Reviewed By :Yogesh

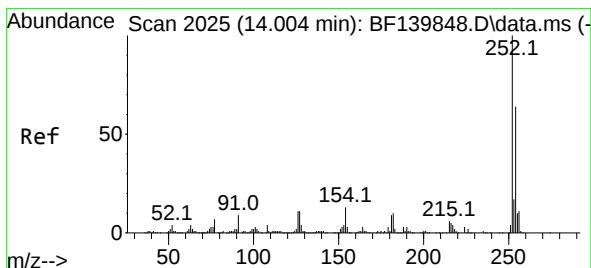
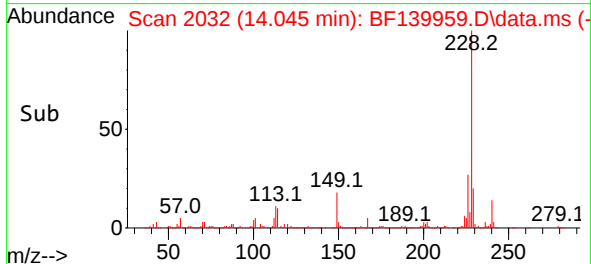
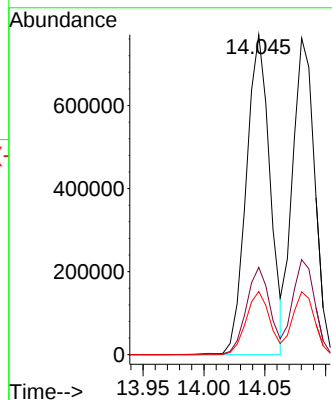
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Supervised By :mohammad

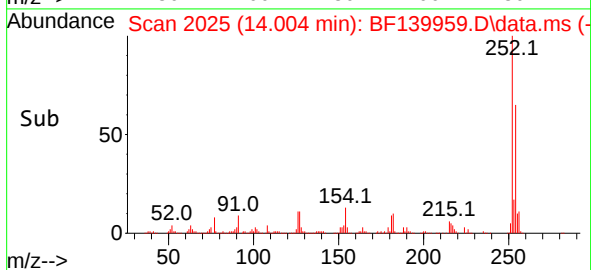
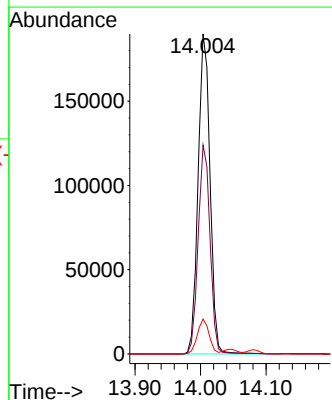
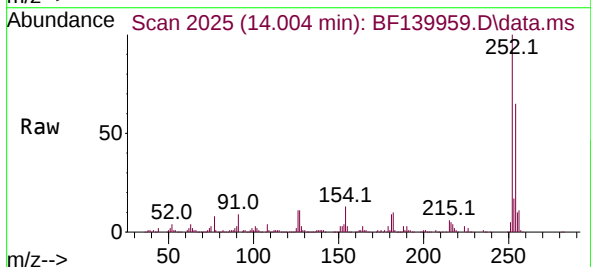
ahmed

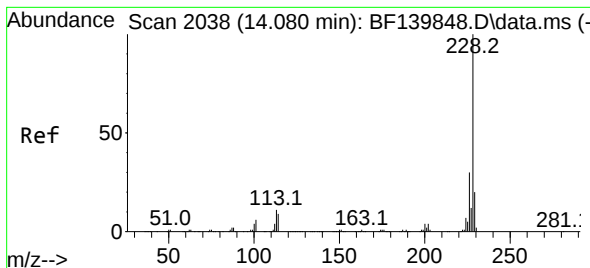
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#82
3,3'-Dichlorobenzidine
Concen: 39.773 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:252 Resp: 240244
Ion Ratio Lower Upper
252 100
254 65.2 50.8 76.2
126 10.9 8.9 13.3





#83

Chrysene

Concen: 50.739 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF139959.D

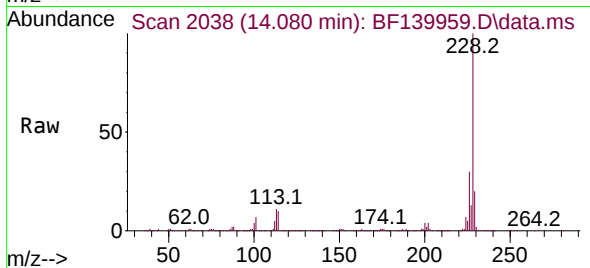
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:228 Resp: 963784

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.9 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh

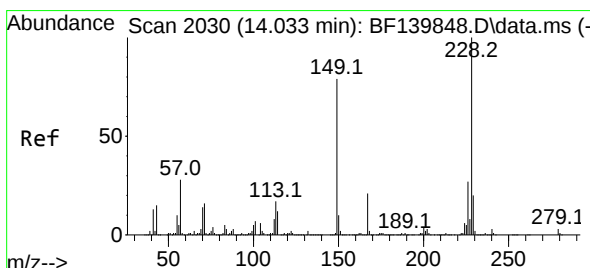
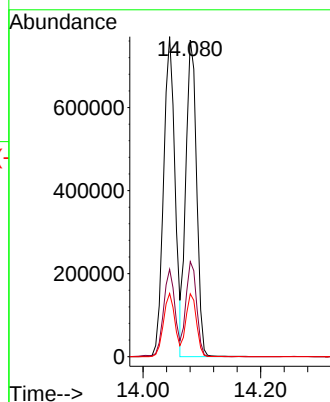
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Supervised By :mohammad

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#84

Bis(2-ethylhexyl)phthalate

Concen: 56.832 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

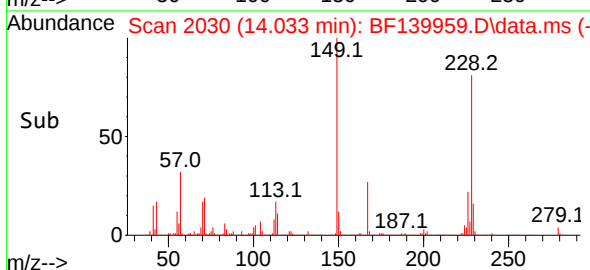
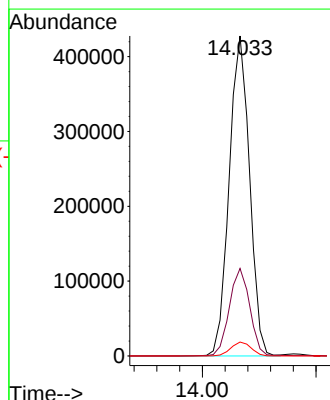
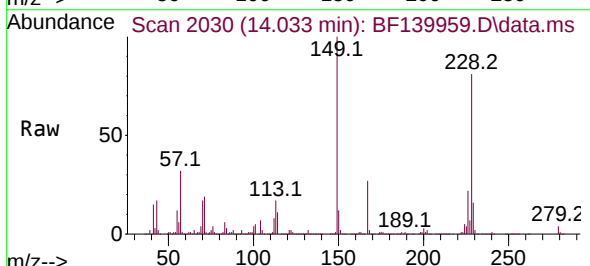
Tgt Ion:149 Resp: 532526

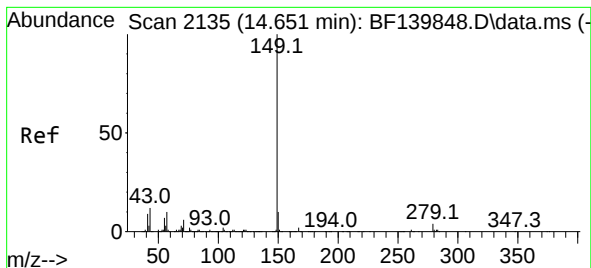
Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.0

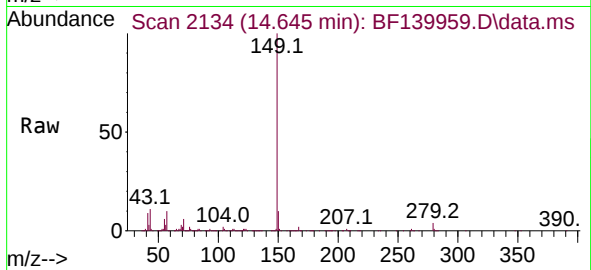
279 4.4 3.0 4.4





#85
Di-n-octyl phthalate
Concen: 55.741 ng
RT: 14.645 min Scan# 2135
Delta R.T. -0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :
BNA_F
ClientSampleId :
PB164123BS

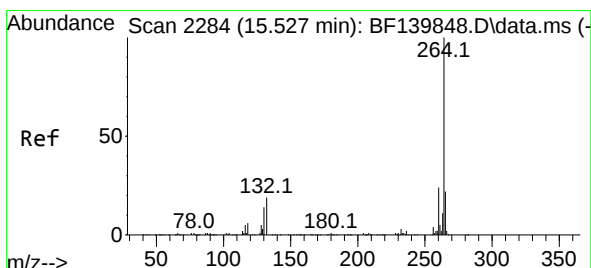
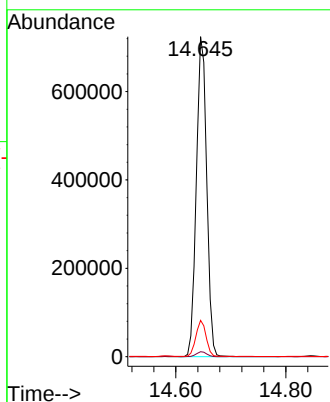
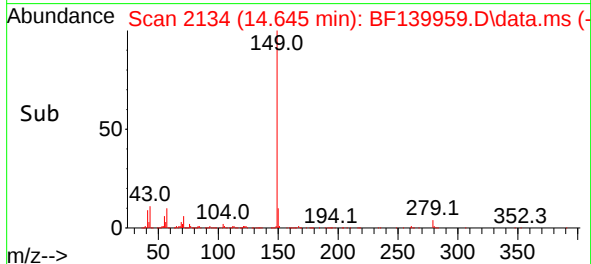


Tgt Ion:149 Resp: 95000
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.1 9.8 14.6

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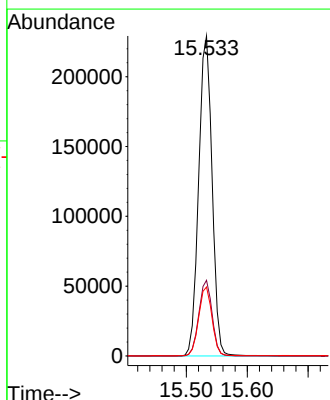
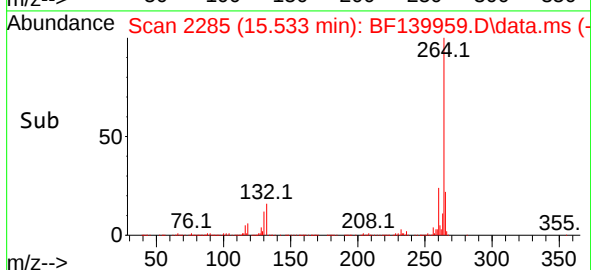
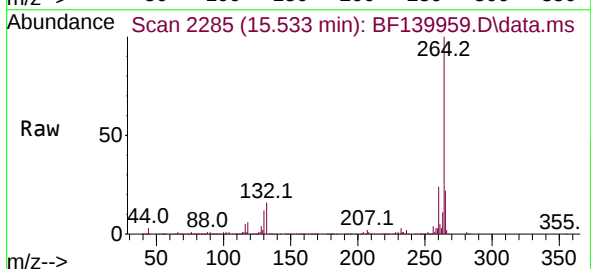
Reviewed By :Yogesh
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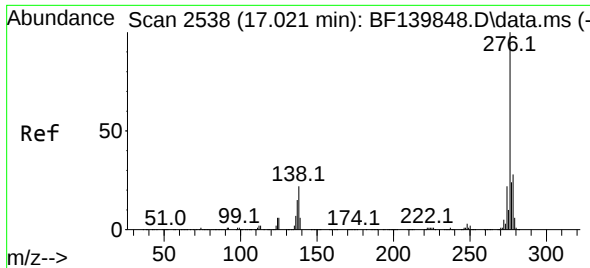
Supervised By :mohammad
ahmed
10/25/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.533 min Scan# 2285
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:264 Resp: 349349
Ion Ratio Lower Upper
264 100
260 23.6 19.4 29.2
265 21.5 17.4 26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 55.378 ng
RT: 17.033 min Scan# 2111
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion:276 Resp: 1244594
Ion Ratio Lower Upper
276 100
138 24.0 20.4 30.6
277 25.3 20.2 30.4

Manual Integrations
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Reviewed By :Yogesh

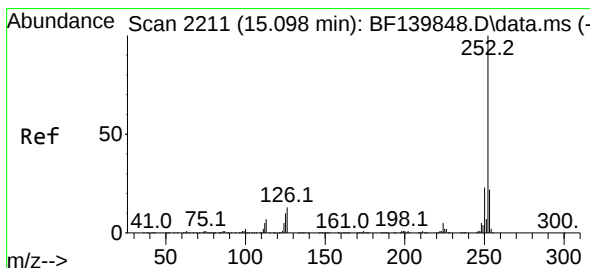
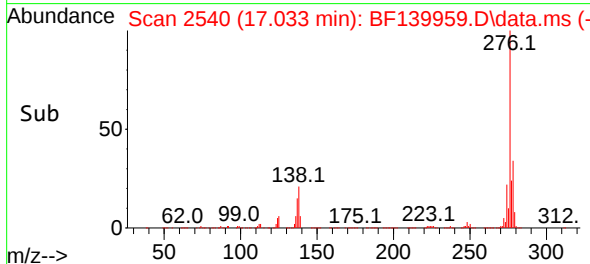
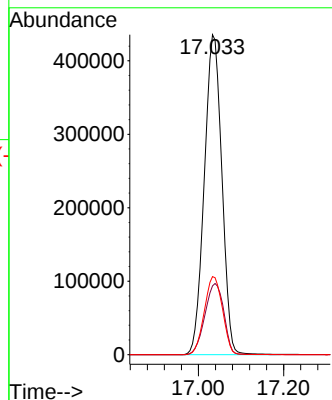
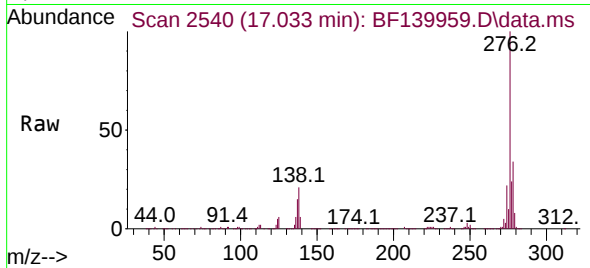
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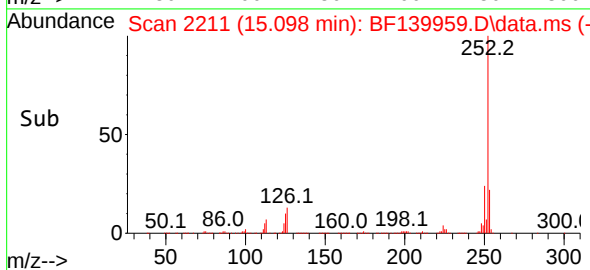
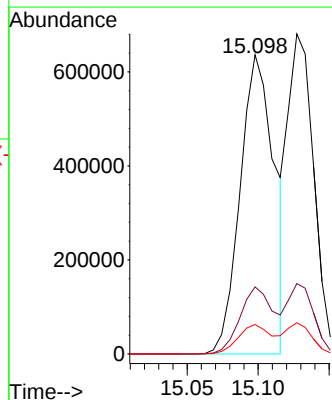
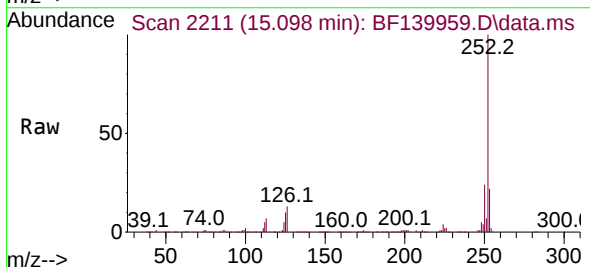
ahmed

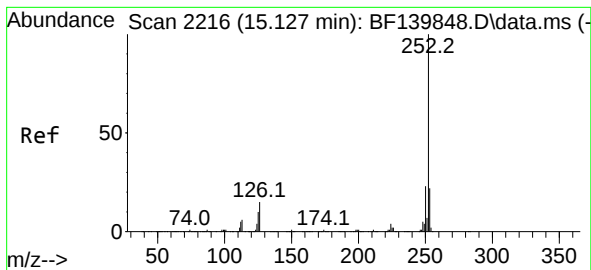
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#88
Benzo(b)fluoranthene
Concen: 49.941 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:252 Resp: 1062781
Ion Ratio Lower Upper
252 100
253 22.4 17.6 26.4
125 9.9 7.9 11.9





#89

Benzo(k)fluoranthene

Concen: 47.112 ng

RT: 15.127 min Scan# 2216

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS

Tgt Ion:252 Resp: 864638

Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 9.8 7.9 11.9

Manual Integrations

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Reviewed By :Yogesh

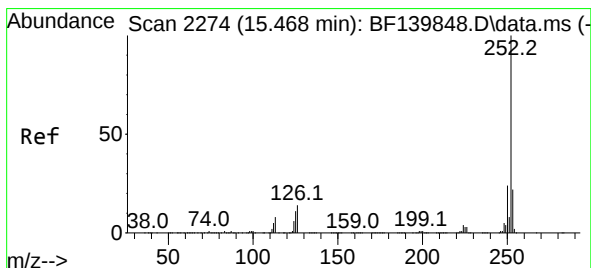
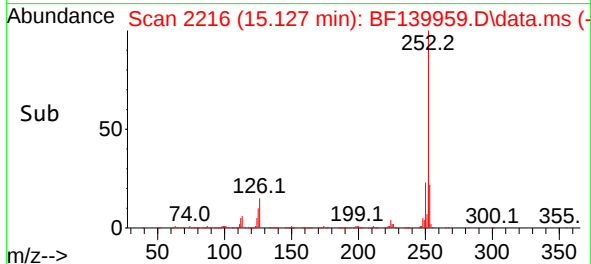
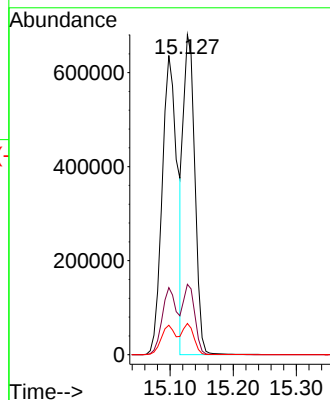
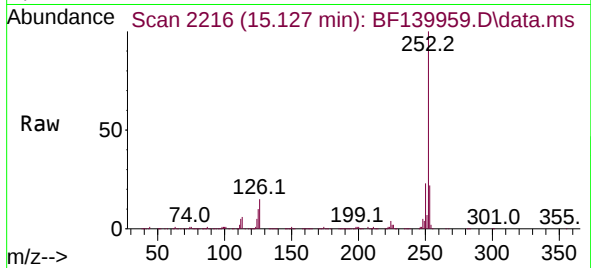
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#90

Benzo(a)pyrene

Concen: 53.776 ng

RT: 15.468 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF139959.D

Acq: 23 Oct 2024 12:39

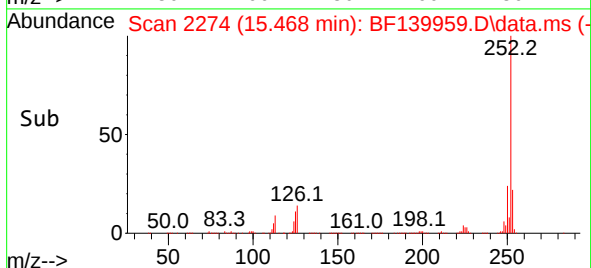
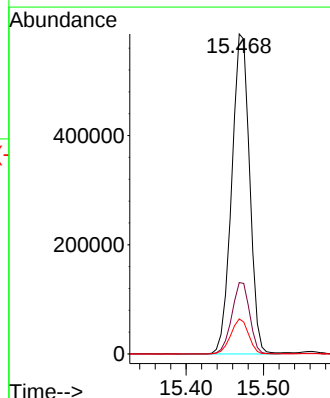
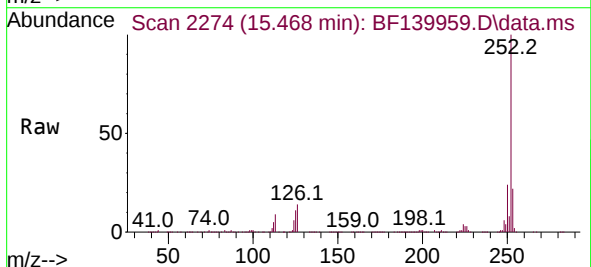
Tgt Ion:252 Resp: 941642

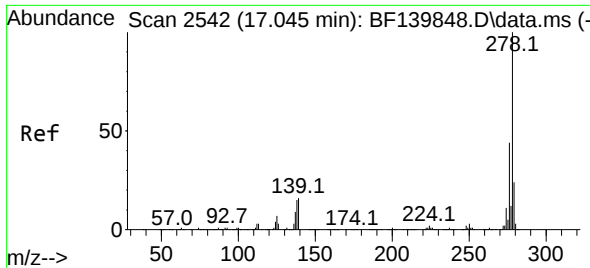
Ion Ratio Lower Upper

252 100

253 22.3 17.3 25.9

125 11.0 8.7 13.1





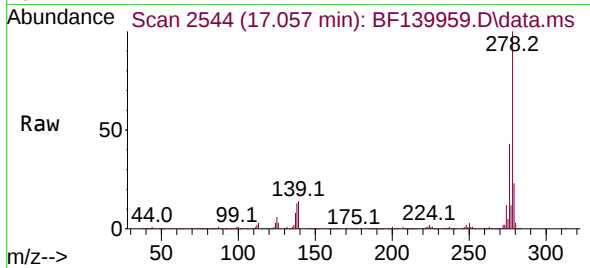
#91
Dibenzo(a,h)anthracene
Concen: 54.874 ng
RT: 17.057 min Scan# 2544
Delta R.T. 0.012 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Instrument :

BNA_F

ClientSampleId :

PB164123BS



Tgt Ion:278 Resp: 102881
Ion Ratio Lower Upper
278 100
139 14.4 13.1 19.7
279 23.3 19.0 28.4

Manual Integrations

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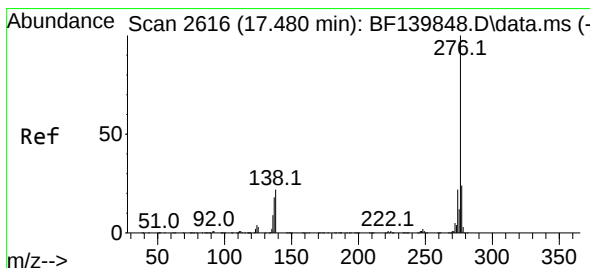
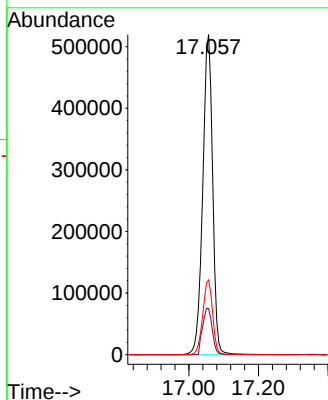
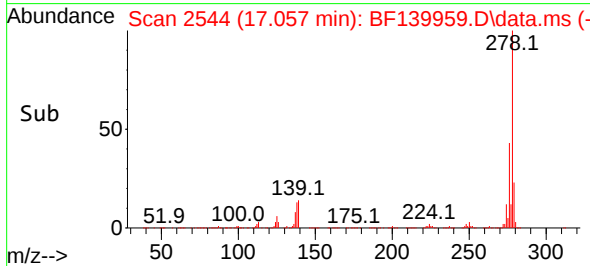
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#92
Benzo(g,h,i)perylene
Concen: 50.984 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF139959.D
Acq: 23 Oct 2024 12:39

Tgt Ion:276 Resp: 954801
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 21.2 17.4 26.0

