

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139397.D
 Acq On : 17 Sep 2024 12:34
 Operator : RC/JU
 Sample : PB163414BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163414BS

Manual Integrations
 APPROVED

Reviewed By :Jagrut
 Upadhyay
 09/18/2024

Supervised By :mohammad
 ahmed
 09/19/2024

Quant Time: Sep 17 13:01:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	67726	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	255636	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	143509	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	269967	20.000	ng	0.00
76) Chrysene-d12	14.039	240	148691	20.000	ng	0.00
86) Perylene-d12	15.504	264	116282	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	534614	128.775	ng	0.02
7) Phenol-d6	6.516	99	700348	128.524	ng	0.01
23) Nitrobenzene-d5	7.445	82	484585	89.115	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	211337	138.325	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	911997	89.130	ng	0.00
79) Terphenyl-d14	12.986	244	1006463	111.103	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.763	88	56928	34.179	ng	99
3) Pyridine	3.504	79	150704	41.038	ng	97
4) n-Nitrosodimethylamine	3.463	42	136262	42.810	ng	98
6) Aniline	6.540	93	198908	48.369	ng	# 61
8) 2-Chlorophenol	6.663	128	202445	47.372	ng	99
9) Benzaldehyde	6.428	77	42311	13.439	ng	99
10) Phenol	6.528	94	261571	47.131	ng	89
11) bis(2-Chloroethyl)ether	6.616	93	189142	44.839	ng	100
12) 1,3-Dichlorobenzene	6.822	146	213027	43.832	ng	99
13) 1,4-Dichlorobenzene	6.898	146	217319	44.248	ng	100
14) 1,2-Dichlorobenzene	7.045	146	207616	44.737	ng	99
15) Benzyl Alcohol	7.022	79	209008	48.076	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	338138	52.014	ng	95
17) 2-Methylphenol	7.134	107	161568	47.585	ng	99
18) Hexachloroethane	7.392	117	84432	45.135	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	161792	50.104	ng	98
20) 3+4-Methylphenols	7.287	107	218057	47.073	ng	93
22) Acetophenone	7.292	105	297939	44.581	ng	99
24) Nitrobenzene	7.463	77	245497	43.865	ng	100
25) Isophorone	7.704	82	419868	48.823	ng	100
26) 2-Nitrophenol	7.781	139	105684	48.470	ng	98
27) 2,4-Dimethylphenol	7.816	122	165341	57.487	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	235874	48.125	ng	98
29) 2,4-Dichlorophenol	8.022	162	172087	47.098	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	185880	43.662	ng	99
31) Naphthalene	8.186	128	609649	45.681	ng	100
32) Benzoic acid	7.939	122	121692	45.212	ng	97
33) 4-Chloroaniline	8.228	127	100592	24.638	ng	97
34) Hexachlorobutadiene	8.298	225	126371	43.691	ng	98
35) Caprolactam	8.604	113	54243m	48.261	ng	
36) 4-Chloro-3-methylphenol	8.716	107	196396	47.032	ng	98
37) 2-Methylnaphthalene	8.875	142	399694	47.184	ng	100
38) 1-Methylnaphthalene	8.975	142	370515	44.552	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	195268	45.911	ng	98
41) Hexachlorocyclopentadiene	9.028	237	268606	180.877	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	133343	48.189	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	136190	46.659	ng	98
46) 1,1'-Biphenyl	9.339	154	498693	45.169	ng	100
47) 2-Chloronaphthalene	9.363	162	371538	45.008	ng	99
48) 2-Nitroaniline	9.457	65	141844	46.197	ng	97
49) Acenaphthylene	9.780	152	611893	49.242	ng	100
50) Dimethylphthalate	9.639	163	455242	48.332	ng	100
51) 2,6-Dinitrotoluene	9.704	165	97170	46.568	ng	96
52) Acenaphthene	9.951	154	462073	53.280	ng	100
53) 3-Nitroaniline	9.869	138	65897	31.600	ng	95
54) 2,4-Dinitrophenol	9.980	184	124916	107.435	ng	93
55) Dibenzofuran	10.122	168	564147	46.670	ng	99
56) 4-Nitrophenol	10.033	139	165793	96.083	ng	92
57) 2,4-Dinitrotoluene	10.104	165	137851	48.934	ng	99
58) Fluorene	10.463	166	458215	46.459	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120910	50.076	ng	98
60) Diethylphthalate	10.339	149	476279	48.999	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	220783	46.062	ng	98
62) 4-Nitroaniline	10.486	138	97665	42.912	ng	98
63) Azobenzene	10.616	77	459164	48.028	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	76117	53.421	ng	94
66) n-Nitrosodiphenylamine	10.575	169	387624	49.110	ng	98
67) 4-Bromophenyl-phenylether	10.945	248	131248	49.059	ng	99
68) Hexachlorobenzene	11.010	284	148694	47.358	ng	99
69) Atrazine	11.104	200	130942	69.685	ng	98
70) Pentachlorophenol	11.204	266	188578	100.094	ng	97
71) Phenanthrene	11.427	178	639112	49.069	ng	100
72) Anthracene	11.480	178	647165	50.819	ng	99
73) Carbazole	11.633	167	591370	48.520	ng	99
74) Di-n-butylphthalate	11.957	149	729948	53.762	ng	100
75) Fluoranthene	12.610	202	686722	49.371	ng	98
77) Benzidine	12.733	184	165286	77.588	ng	99
78) Pyrene	12.839	202	703072	55.069	ng	100
80) Butylbenzylphthalate	13.457	149	265682	61.137	ng	98
81) Benzo(a)anthracene	14.027	228	495776	50.336	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	88273	30.604	ng	99
83) Chrysene	14.063	228	436691	48.193	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	336757	60.916	ng	100
85) Di-n-octyl phthalate	14.627	149	439958	54.039	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	377660	54.619	ng	100
88) Benzo(b)fluoranthene	15.074	252	330703	46.113	ng	100
89) Benzo(k)fluoranthene	15.104	252	335108	50.679	ng	99
90) Benzo(a)pyrene	15.439	252	313256	52.668	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	306515	53.647	ng	99
92) Benzo(g,h,i)perylene	17.427	276	283693	50.147	ng	99

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

Manual Integrations APPROVED

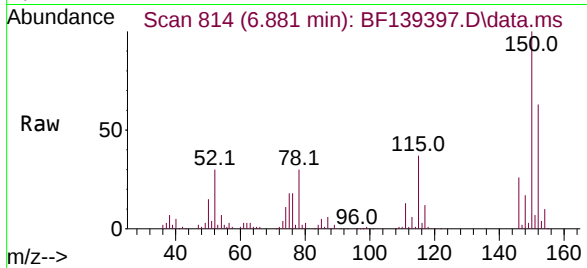
Supervised By :monammad
ahmed
09/19/2024

[illegible]



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
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PB163414BS

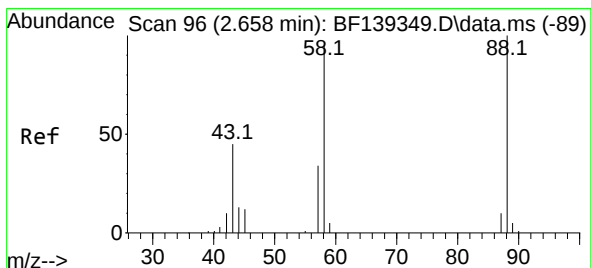
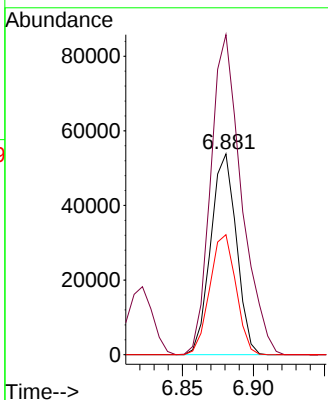


Tgt Ion:152 Resp: 67720
Ion Ratio Lower Upper
152 100
150 159.4 124.1 186.1
115 59.7 48.1 72.1

Manual Integrations
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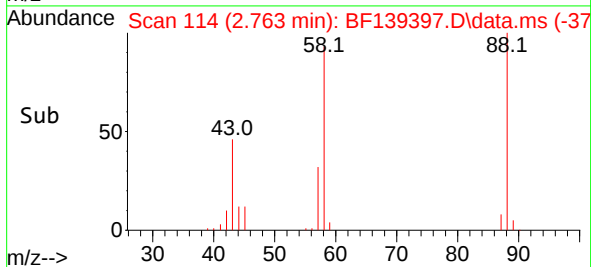
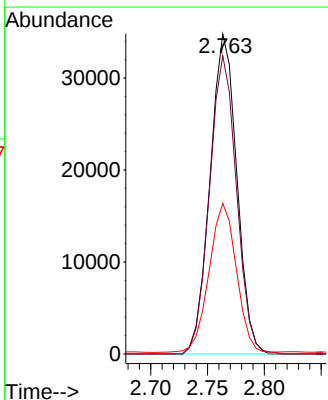
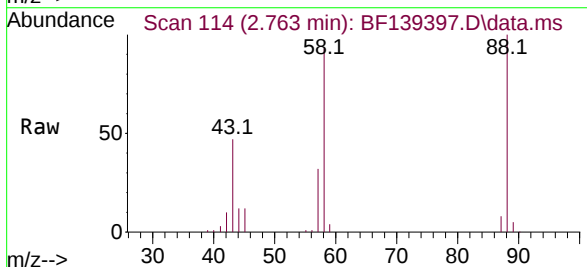
Reviewed By :Jagrut
Upadhyay
09/18/2024

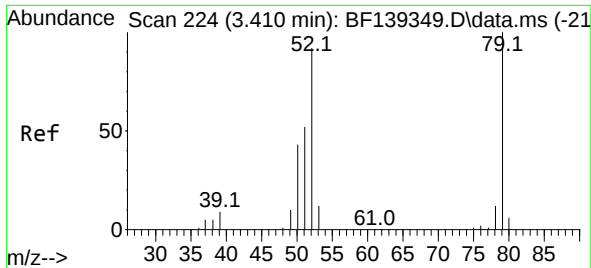
Supervised By :mohammad
ahmed
09/19/2024



#2
1,4-Dioxane
Concen: 34.179 ng
RT: 2.763 min Scan# 114
Delta R.T. 0.106 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 88 Resp: 56928
Ion Ratio Lower Upper
88 100
58 93.8 74.8 112.2
43 47.3 36.4 54.6





#3

Pyridine

Concen: 41.038 ng

RT: 3.504 min Scan# 24

Delta R.T. 0.094 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion: 79 Resp: 150704

Ion Ratio Lower Upper

79 100

52 96.4 73.8 110.8

51 53.6 41.8 62.6

Manual Integrations

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Reviewed By :Jagrut

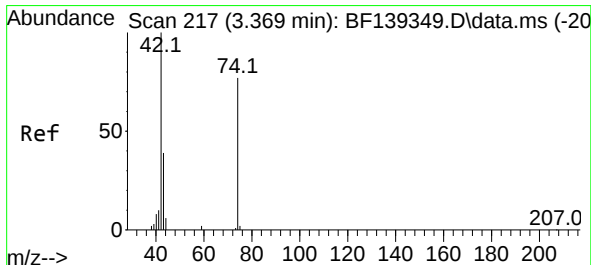
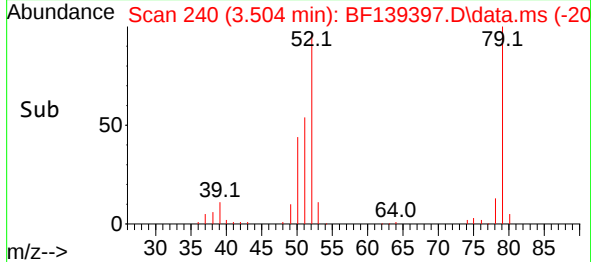
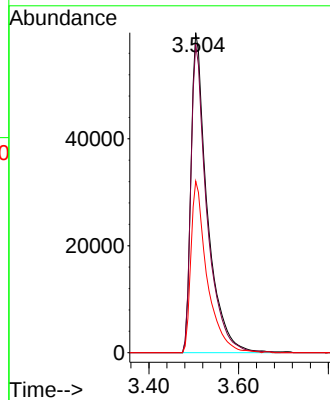
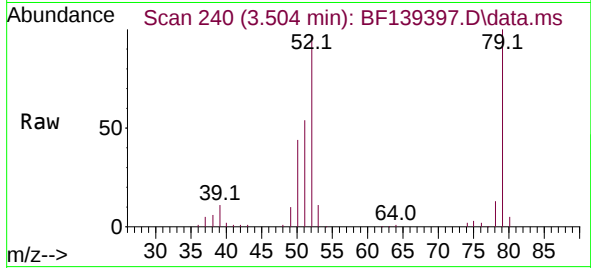
Upadhyay

09/18/2024

Supervised By :mohammad

ahmed

09/19/2024



#4

n-Nitrosodimethylamine

Concen: 42.810 ng

RT: 3.463 min Scan# 233

Delta R.T. 0.094 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

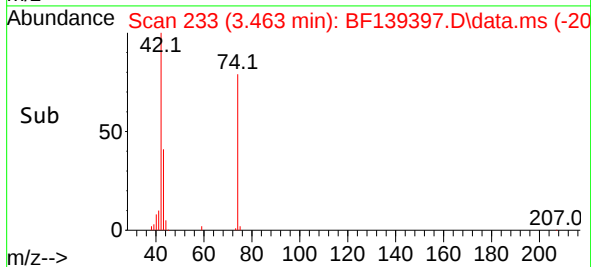
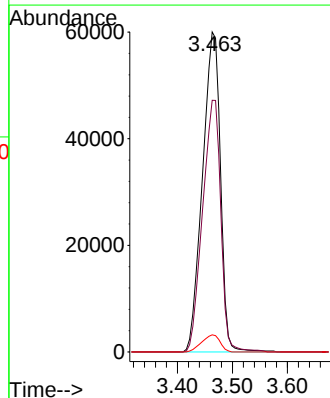
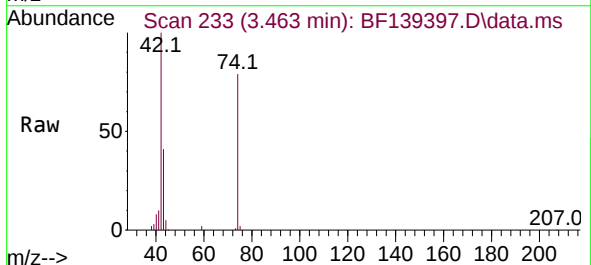
Tgt Ion: 42 Resp: 136262

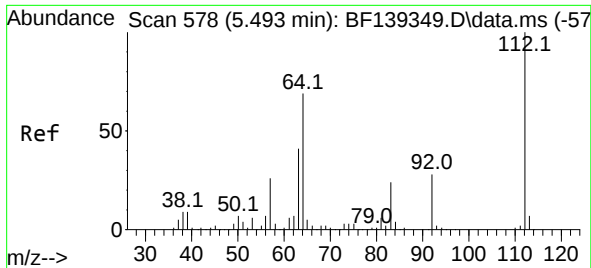
Ion Ratio Lower Upper

42 100

74 78.7 61.8 92.8

44 5.4 4.8 7.2





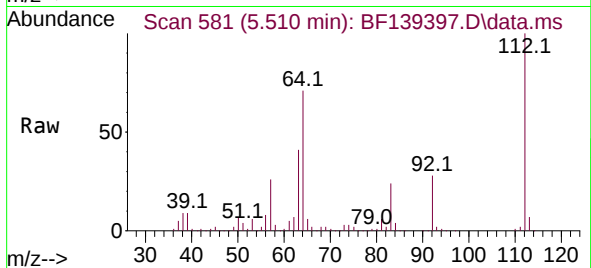
#5
2-Fluorophenol
Concen: 128.775 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

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BNA_F

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PB163414BS

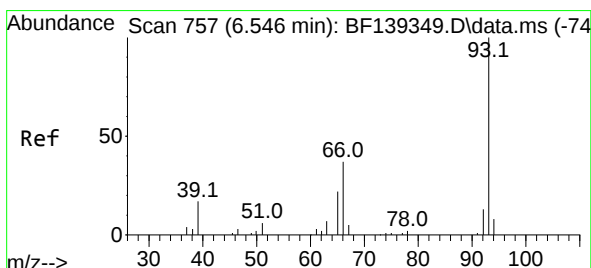
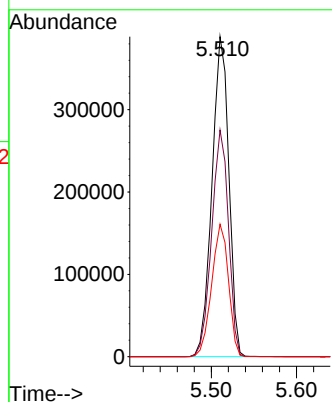


Tgt Ion:112 Resp: 534614
Ion Ratio Lower Upper
112 100
64 70.9 54.8 82.2
63 41.4 33.0 49.4

Manual Integrations
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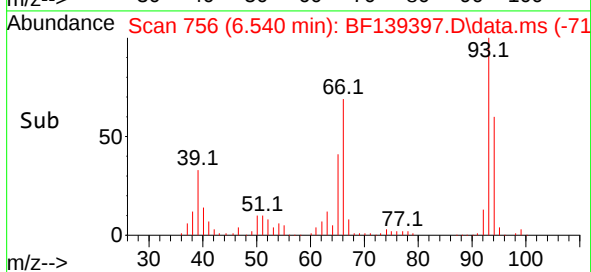
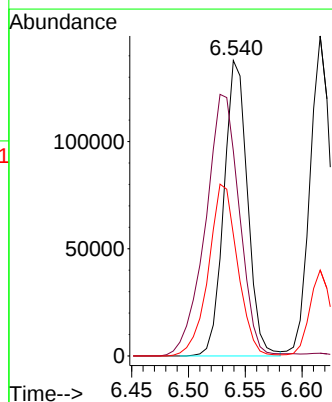
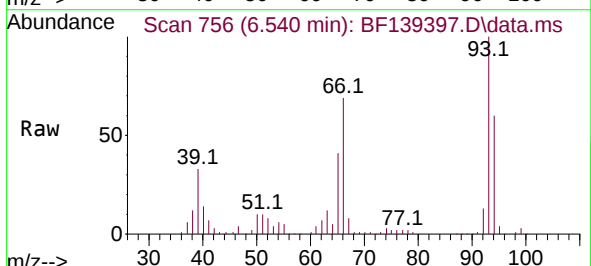
Reviewed By :Jagrut
Upadhyay
09/18/2024

Supervised By :mohammad
ahmed
09/19/2024



#6
Aniline
Concen: 48.369 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 93 Resp: 198908
Ion Ratio Lower Upper
93 100
66 69.4 35.4 53.0#
65 41.2 18.2 27.4#





#7

Phenol-d6

Concen: 128.524 ng

RT: 6.516 min Scan# 750

Delta R.T. 0.012 min

Lab File: BF139397.D

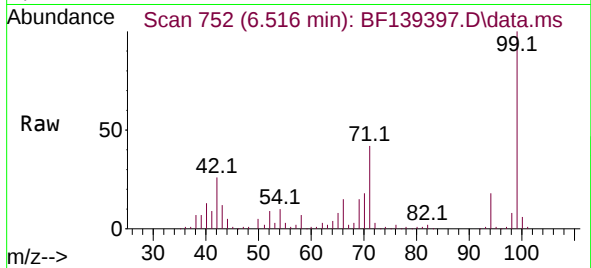
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



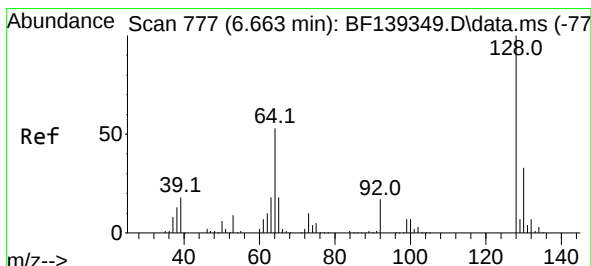
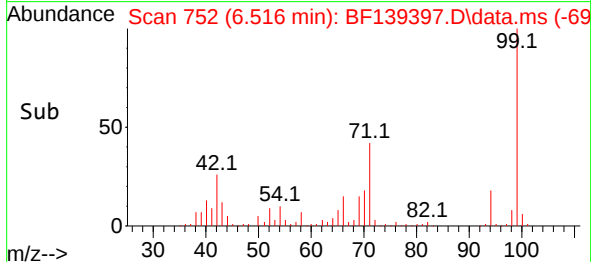
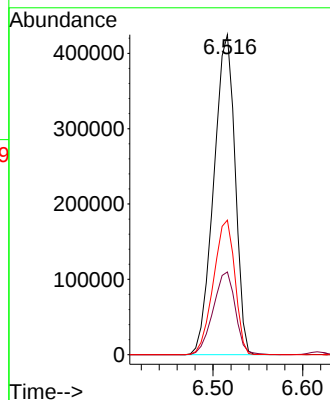
Tgt Ion: 99 Resp: 700344

Ion	Ratio	Lower	Upper
99	100		
42	25.9	21.9	32.9
71	42.1	34.6	52.0

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ahmed
09/19/2024



#8

2-Chlorophenol

Concen: 47.372 ng

RT: 6.663 min Scan# 777

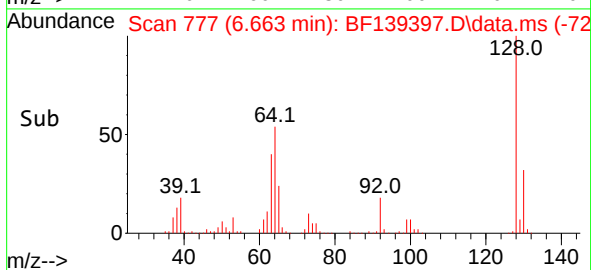
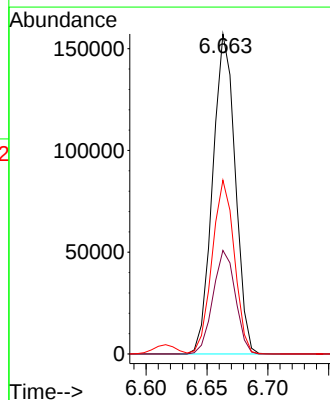
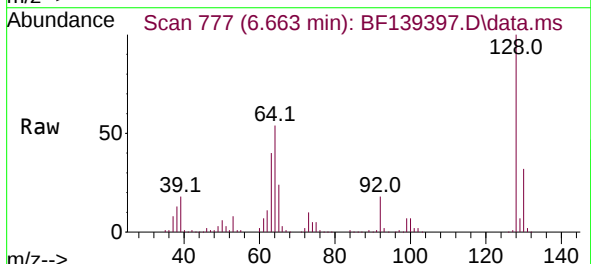
Delta R.T. -0.000 min

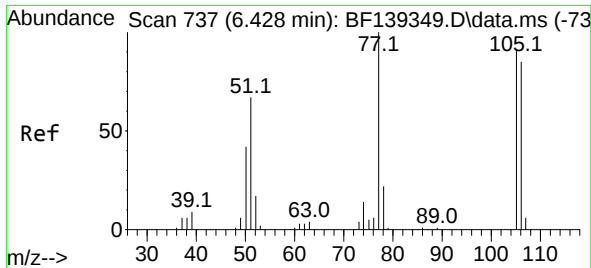
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Tgt Ion:128 Resp: 202445

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.8	52.8
64	54.3	35.1	75.1





#9
Benzaldehyde
Concen: 13.439 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139397.D
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ClientSampleId :

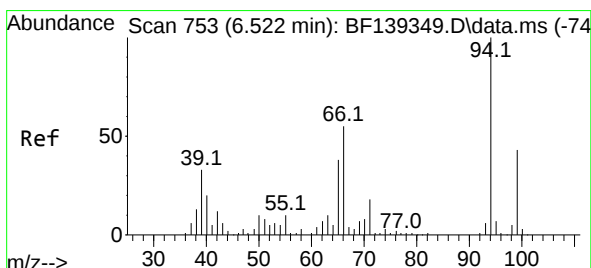
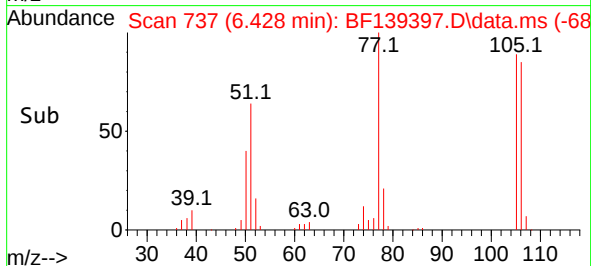
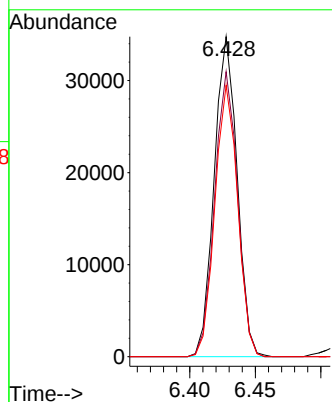
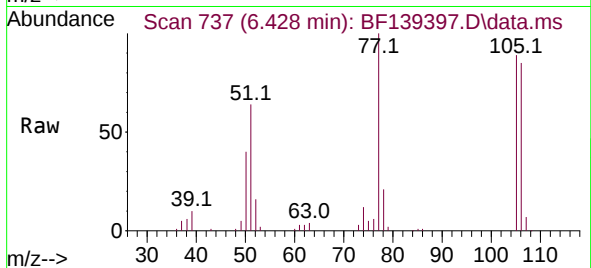
PB163414BS

Tgt Ion: 77 Resp: 4231
Ion Ratio Lower Upper
77 100
105 89.1 71.0 111.0
106 84.8 64.9 104.9

Manual Integrations
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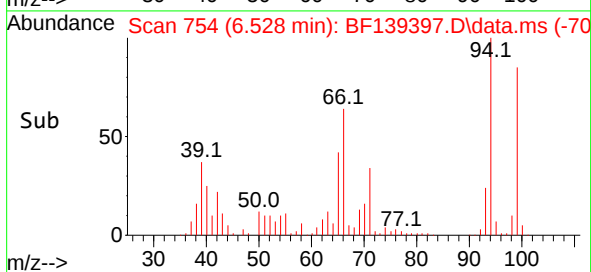
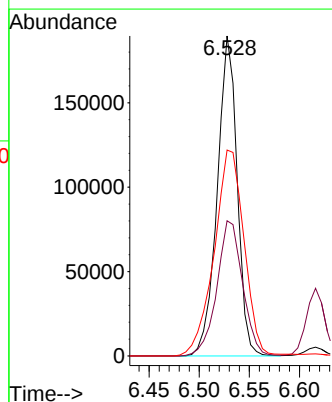
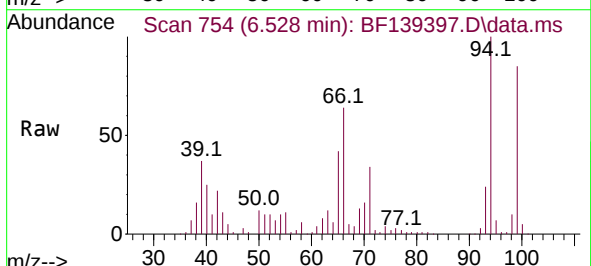
Reviewed By :Jagrut
Upadhyay
09/18/2024

Supervised By :mohammad
ahmed
09/19/2024



#10
Phenol
Concen: 47.131 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 94 Resp: 261571
Ion Ratio Lower Upper
94 100
65 42.3 17.6 57.6
66 64.4 35.2 75.2





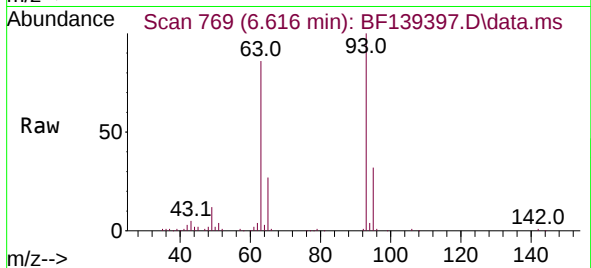
#11
bis(2-Chloroethyl)ether
Concen: 44.839 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

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PB163414BS

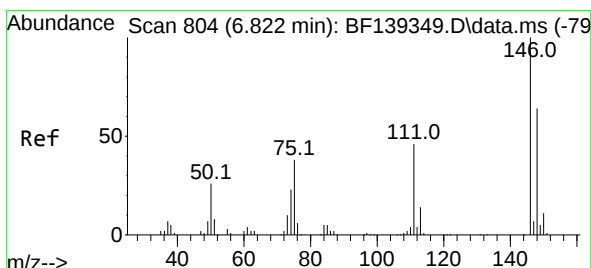
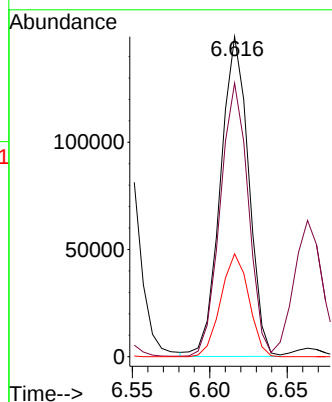


Tgt Ion: 93 Resp: 18914
Ion Ratio Lower Upper
93 100
63 85.5 65.3 105.3
95 32.2 12.4 52.4

Manual Integrations
APPROVED

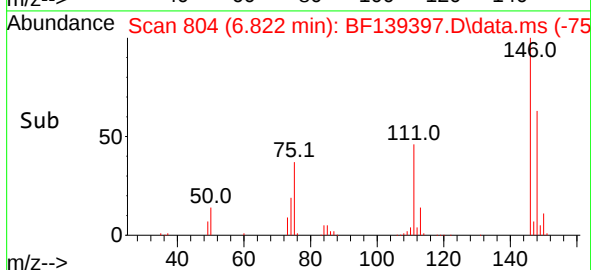
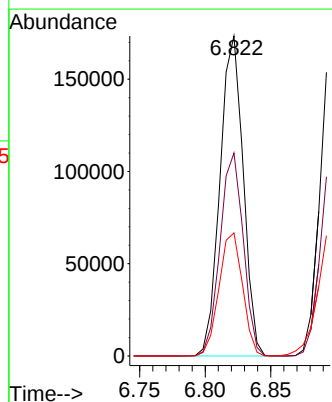
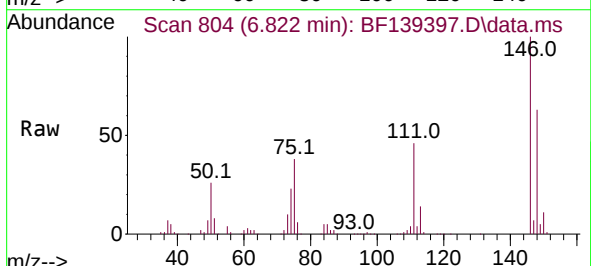
Reviewed By :Jagrut
Upadhyay
09/18/2024

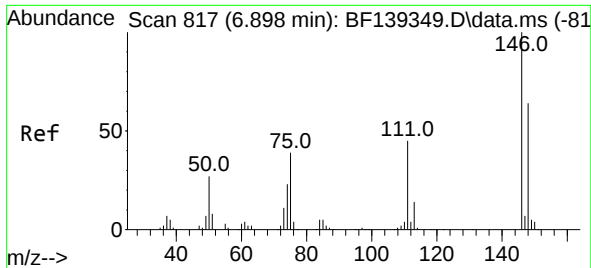
Supervised By :mohammad
ahmed
09/19/2024



#12
1,3-Dichlorobenzene
Concen: 43.832 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:146 Resp: 213027
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 38.4 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 44.248 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

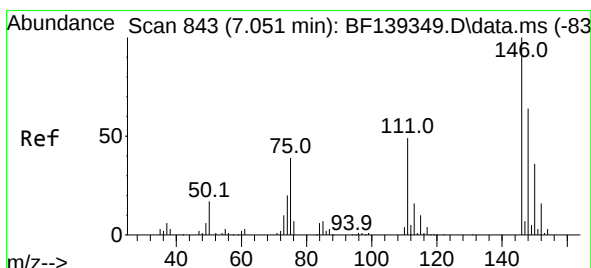
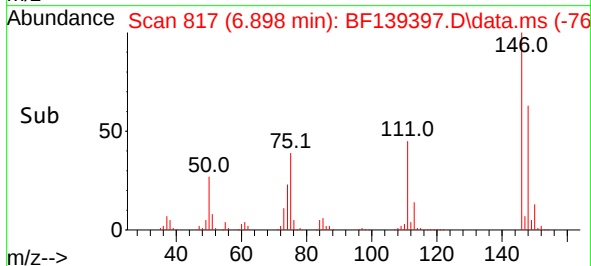
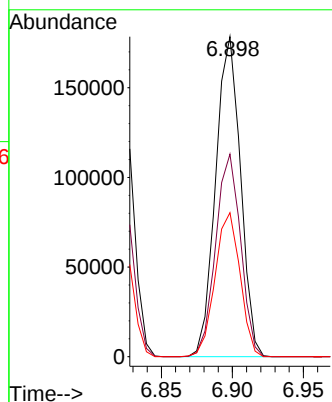
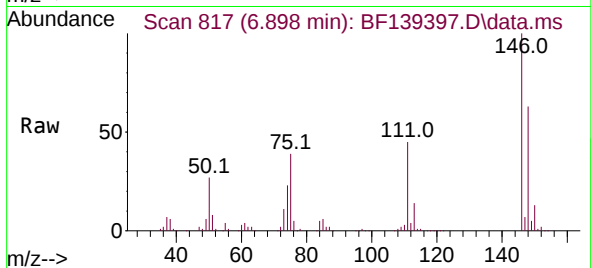
PB163414BS

Tgt Ion:146 Resp: 217319
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 45.0 36.3 54.5

Manual Integrations
APPROVED

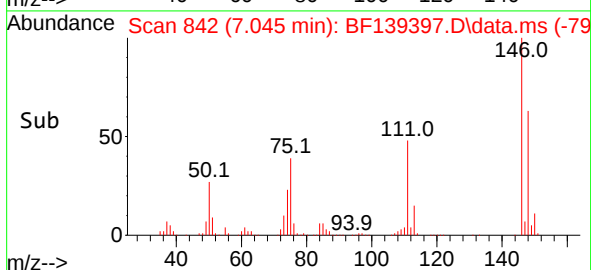
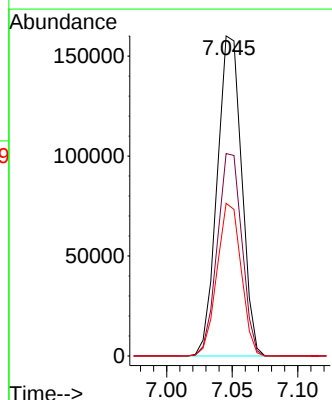
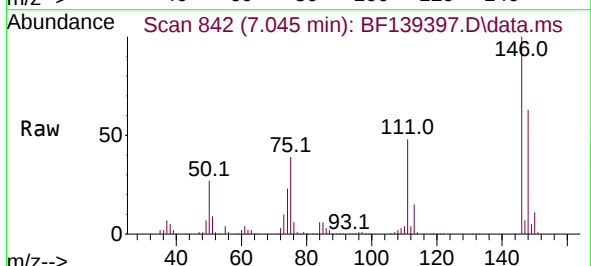
Reviewed By :Jagrut
Upadhyay
09/18/2024

Supervised By :mohammad
ahmed
09/19/2024



#14
1,2-Dichlorobenzene
Concen: 44.737 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

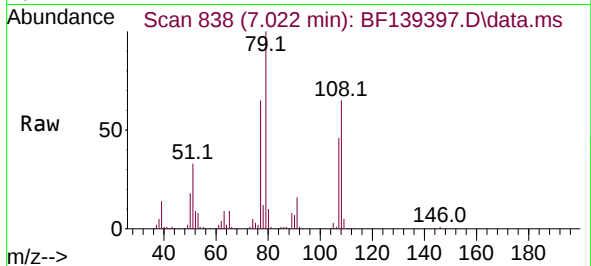
Tgt Ion:146 Resp: 207616
Ion Ratio Lower Upper
146 100
148 63.2 50.9 76.3
111 47.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 48.076 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

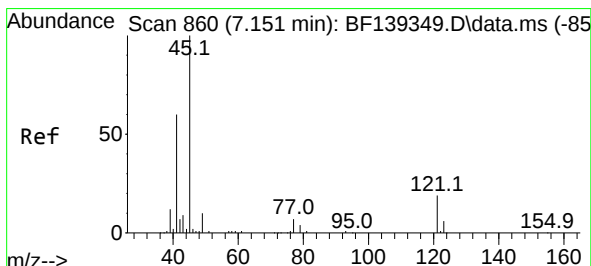
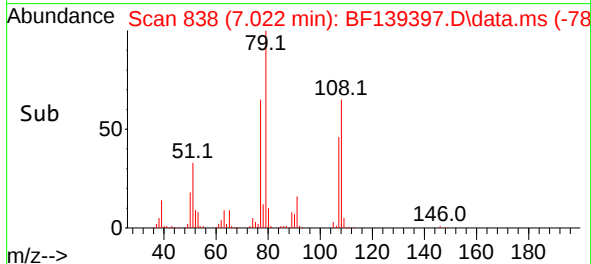
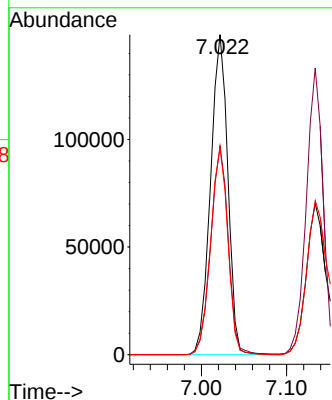


Tgt Ion: 79 Resp: 209008
Ion Ratio Lower Upper
79 100
108 65.2 50.4 75.6
77 64.8 51.4 77.2

Manual Integrations
APPROVED

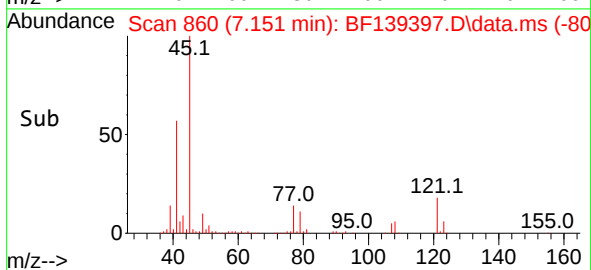
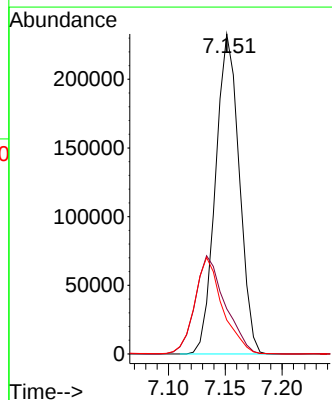
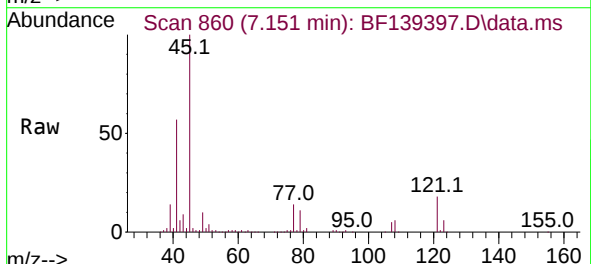
Reviewed By :Jagrut
Upadhyay
09/18/2024

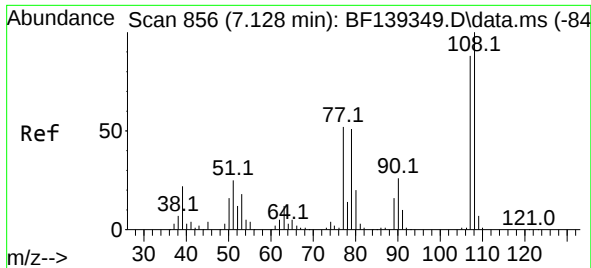
Supervised By :mohammad
ahmed
09/19/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.014 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 45 Resp: 338138
Ion Ratio Lower Upper
45 100
77 14.1 0.0 32.0
79 10.6 0.0 29.1





#17
2-Methylphenol
Concen: 47.585 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

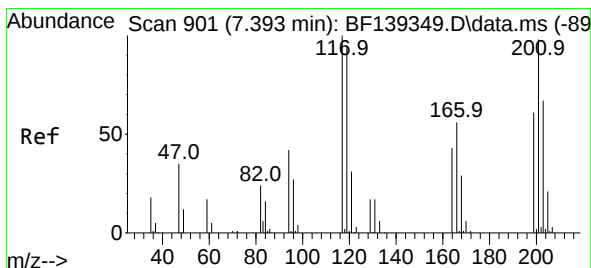
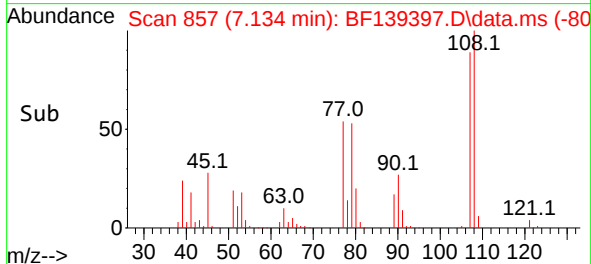
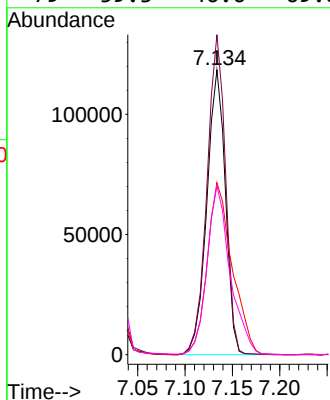
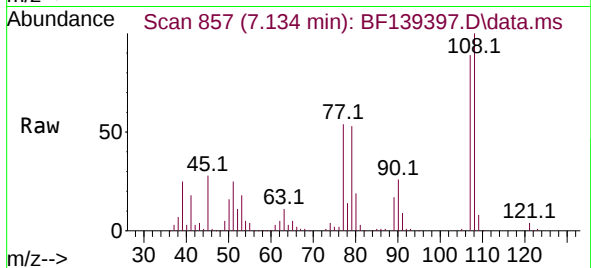
PB163414BS

Tgt Ion:107 Resp: 16156
Ion Ratio Lower Upper
107 100
108 112.3 90.5 135.7
77 60.4 47.1 70.7
79 59.3 46.6 69.8

Manual Integrations
APPROVED

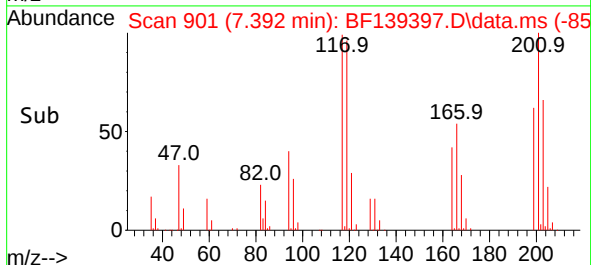
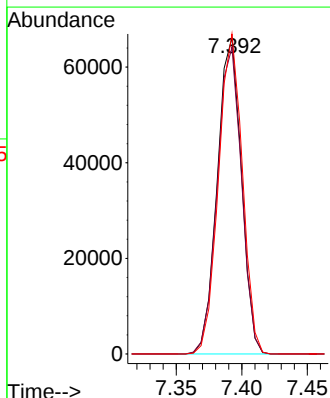
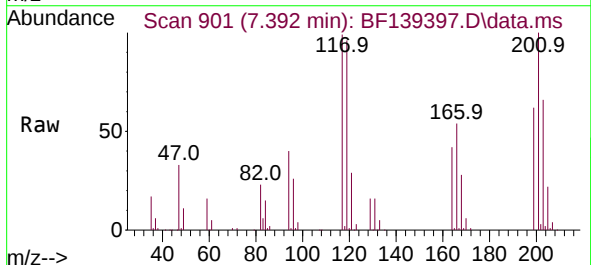
Reviewed By :Jagrut
Upadhyay
09/18/2024

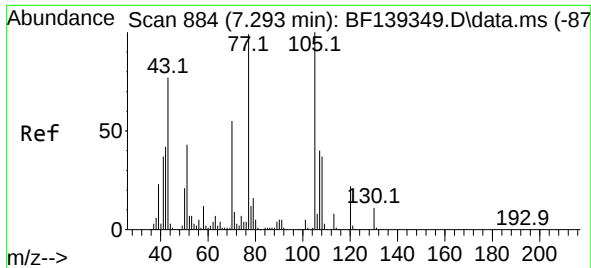
Supervised By :mohammad
ahmed
09/19/2024



#18
Hexachloroethane
Concen: 45.135 ng
RT: 7.392 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

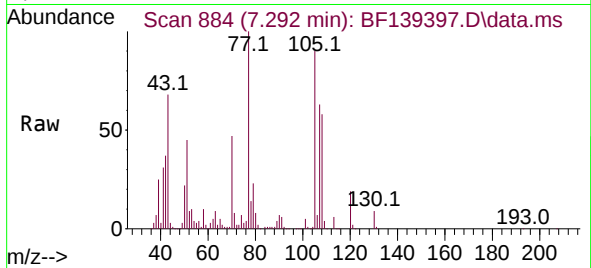
Tgt Ion:117 Resp: 84432
Ion Ratio Lower Upper
117 100
119 97.0 75.8 113.8
201 101.2 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 50.104 ng
RT: 7.292 min Scan# 819
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

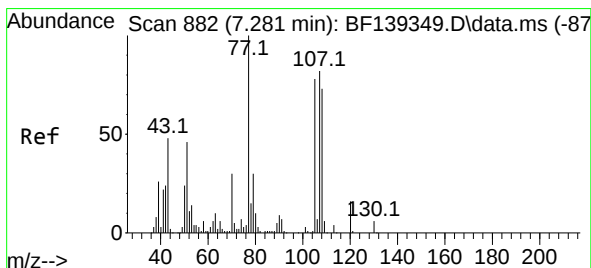
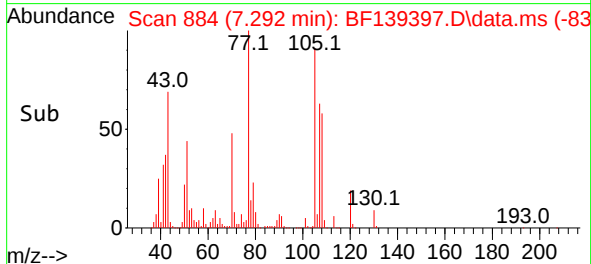
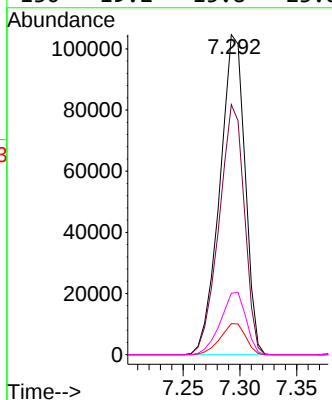


Tgt Ion: 70 Resp: 161792
Ion Ratio Lower Upper
70 100
42 78.1 61.2 91.8
101 9.7 7.5 11.3
130 19.2 15.8 23.8

Manual Integrations
APPROVED

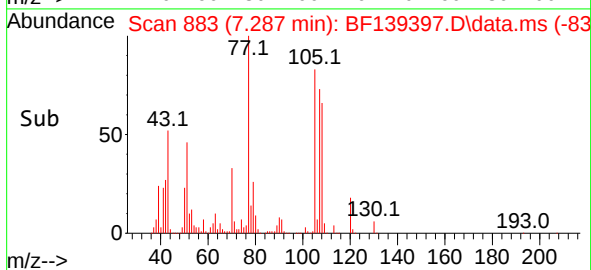
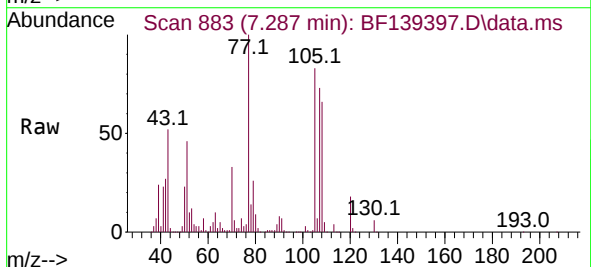
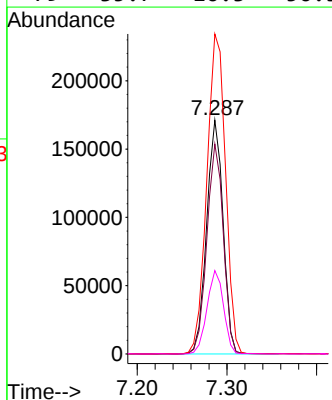
Reviewed By :Jagrut
Upadhyay
09/18/2024

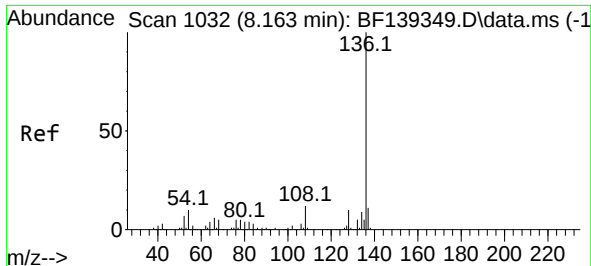
Supervised By :mohammad
ahmed
09/19/2024



#20
3+4-Methylphenols
Concen: 47.073 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:107 Resp: 218057
Ion Ratio Lower Upper
107 100
108 89.8 68.6 108.6
77 136.9 101.6 141.6
79 35.7 16.3 56.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

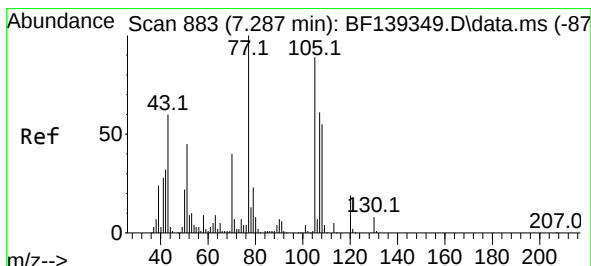
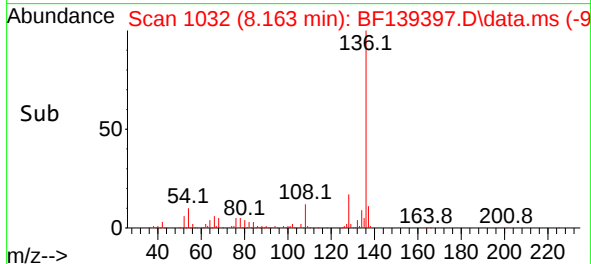
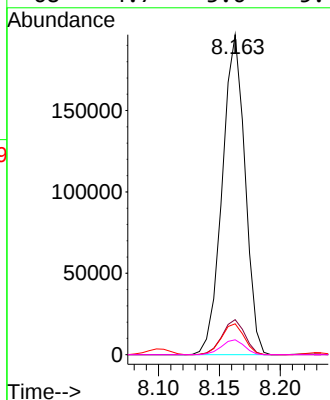
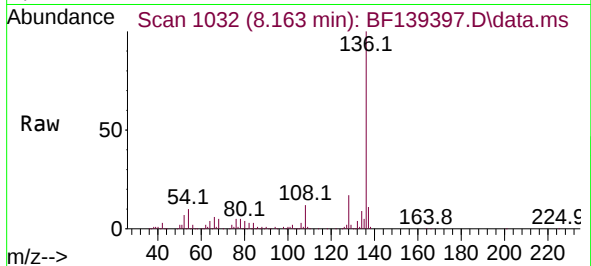
PB163414BS

Tgt Ion:136 Resp: 255630
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 9.6 7.8 11.8
68 4.7 3.6 5.4

Manual Integrations
APPROVED

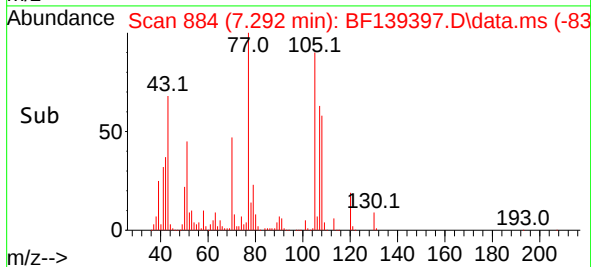
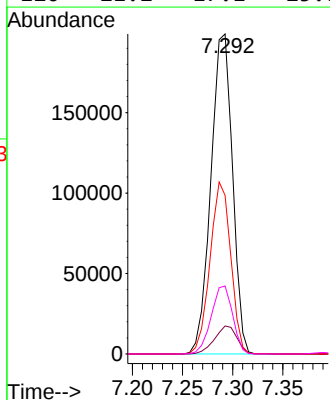
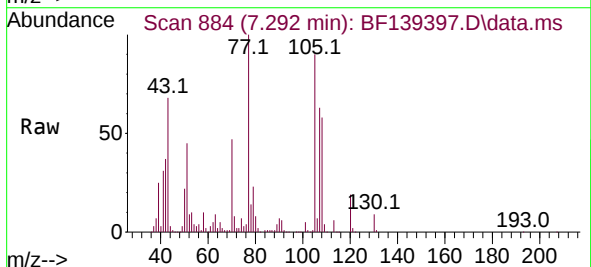
Reviewed By :Jagrut
Upadhyay
09/18/2024

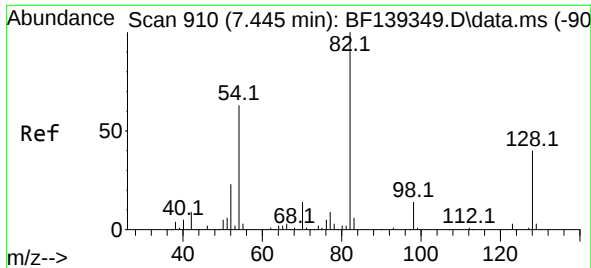
Supervised By :mohammad
ahmed
09/19/2024



#22
Acetophenone
Concen: 44.581 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:105 Resp: 297939
Ion Ratio Lower Upper
105 100
71 8.8 5.9 8.9
51 49.5 40.0 60.0
120 21.2 17.1 25.7





#23

Nitrobenzene-d5

Concen: 89.115 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion: 82 Resp: 48458

Ion Ratio Lower Upper

82 100

128 39.0 31.8 47.6

54 62.6 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Jagrut

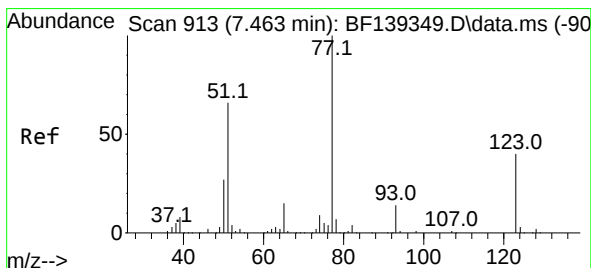
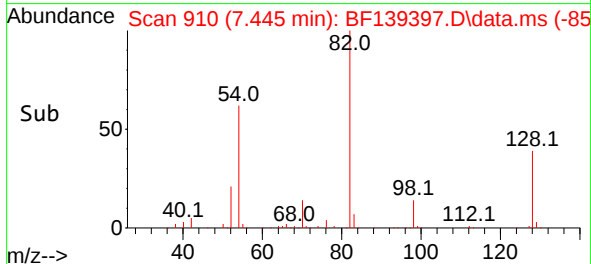
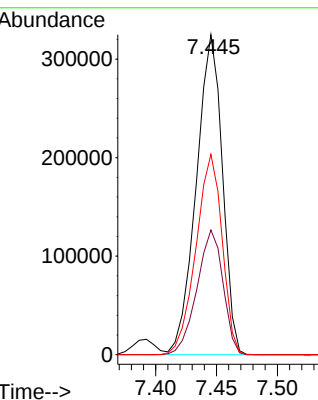
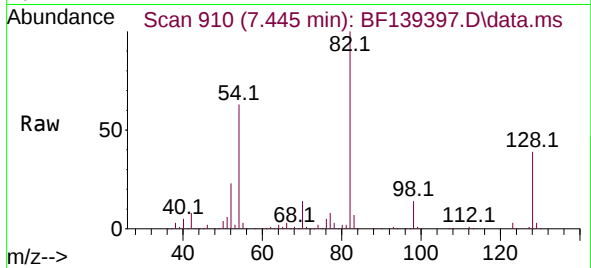
Upadhyay

09/18/2024

Supervised By :mohammad

ahmed

09/19/2024



#24

Nitrobenzene

Concen: 43.865 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

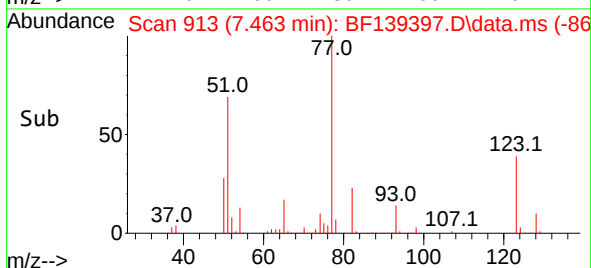
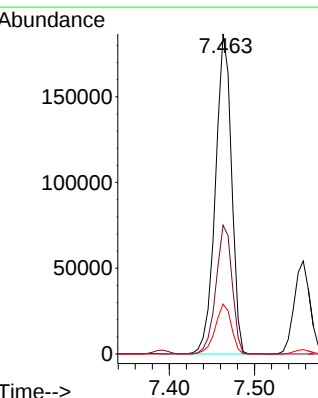
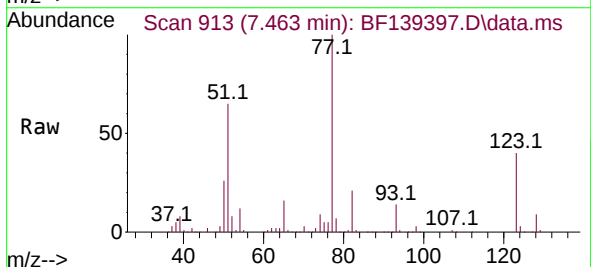
Tgt Ion: 77 Resp: 245497

Ion Ratio Lower Upper

77 100

123 40.3 32.2 48.4

65 15.6 12.2 18.4





#25
Isophorone
Concen: 48.823 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

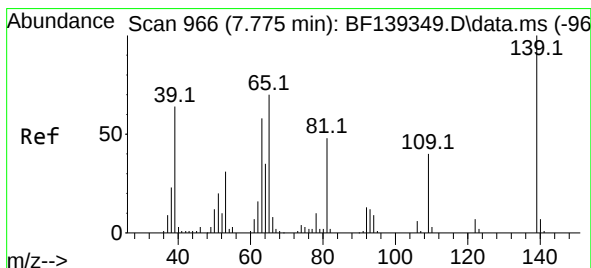
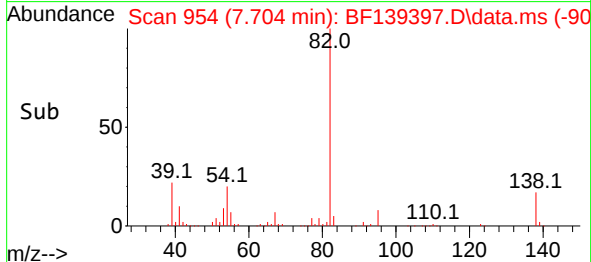
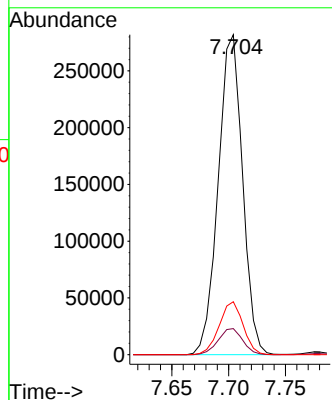
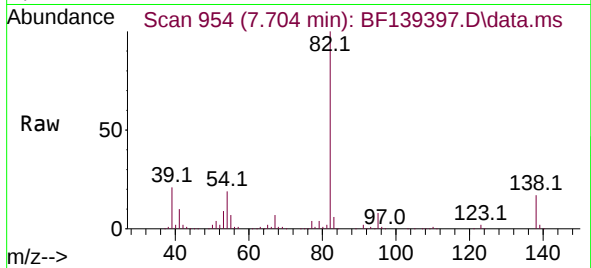
Instrument :
BNA_F
ClientSampleId :
PB163414BS

Tgt Ion: 82 Resp: 41986
Ion Ratio Lower Upper
82 100
95 8.1 6.7 10.1
138 16.6 13.3 19.9

Manual Integrations
APPROVED

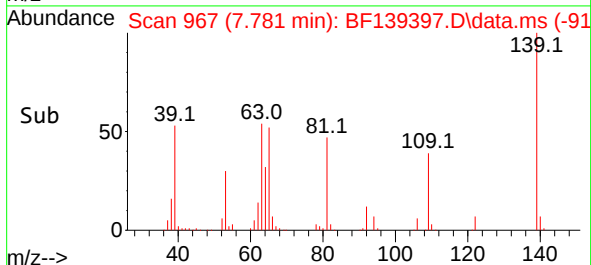
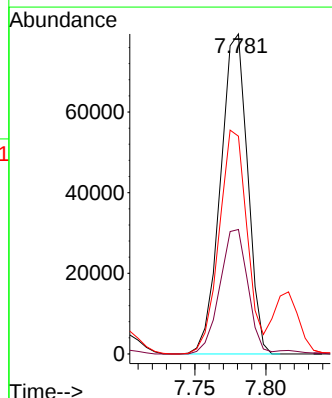
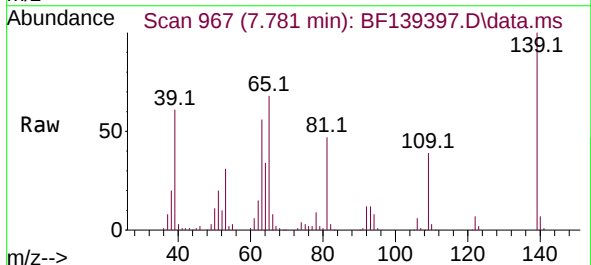
Reviewed By :Jagrut
Upadhyay
09/18/2024

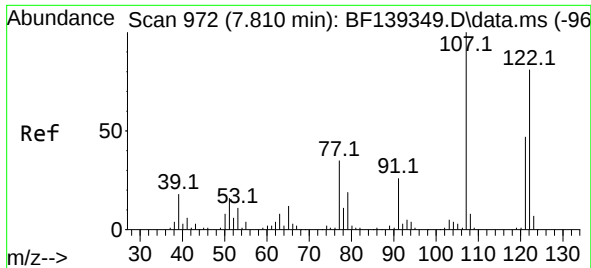
Supervised By :mohammad
ahmed
09/19/2024



#26
2-Nitrophenol
Concen: 48.470 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:139 Resp: 105684
Ion Ratio Lower Upper
139 100
109 38.9 32.2 48.2
65 68.0 55.8 83.8





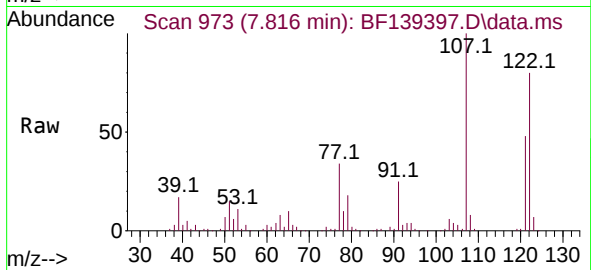
#27
2,4-Dimethylphenol
Concen: 57.487 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

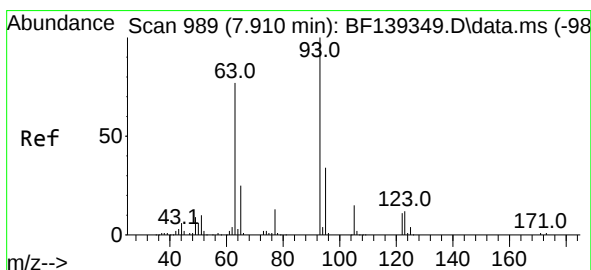
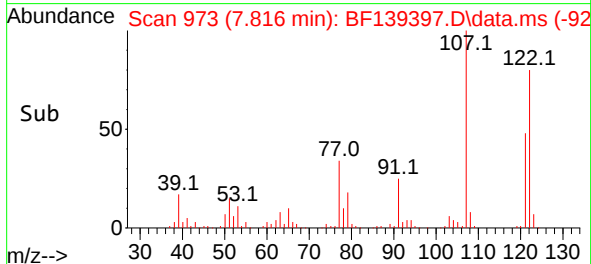
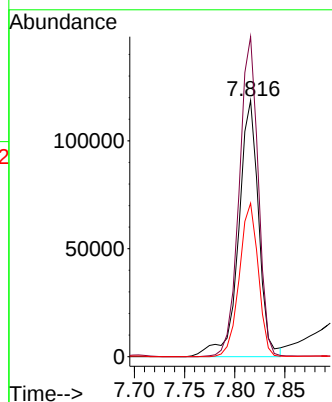


Tgt Ion:122 Resp: 16534
Ion Ratio Lower Upper
122 100
107 124.9 99.1 148.7
121 59.9 46.6 70.0

Manual Integrations
APPROVED

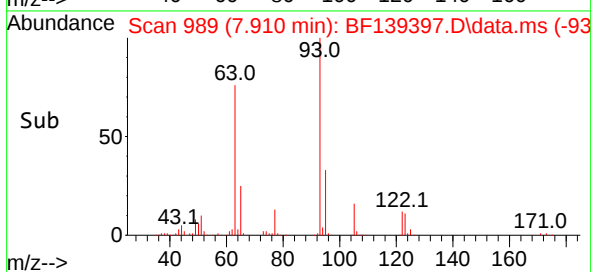
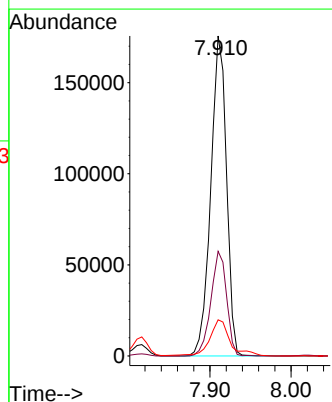
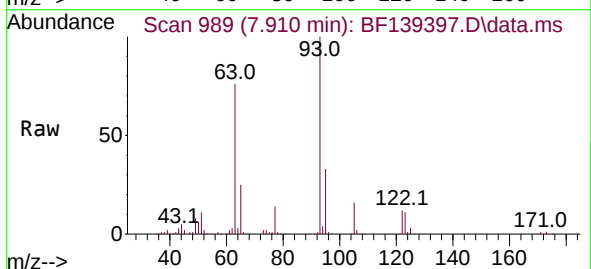
Reviewed By :Jagrut
Upadhyay
09/18/2024

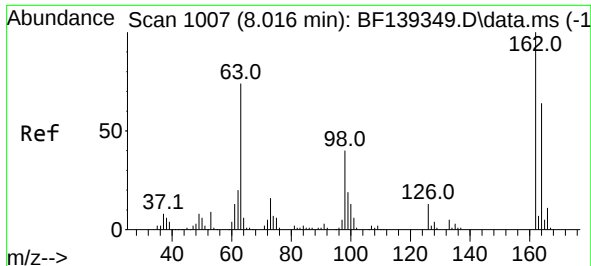
Supervised By :mohammad
ahmed
09/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 48.125 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion: 93 Resp: 235874
Ion Ratio Lower Upper
93 100
95 32.7 26.9 40.3
123 11.3 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 47.098 ng

RT: 8.022 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF139397.D

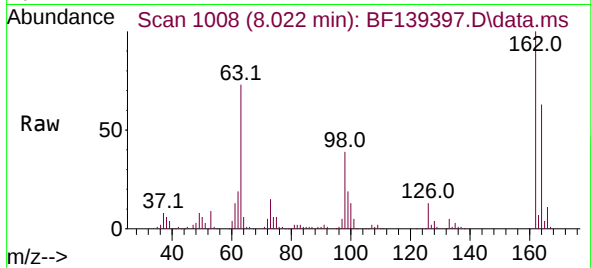
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:162 Resp: 17208

Ion Ratio Lower Upper

162 100

164 63.2 43.6 83.6

98 39.1 19.7 59.7

Manual Integrations

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Reviewed By :Jagrut

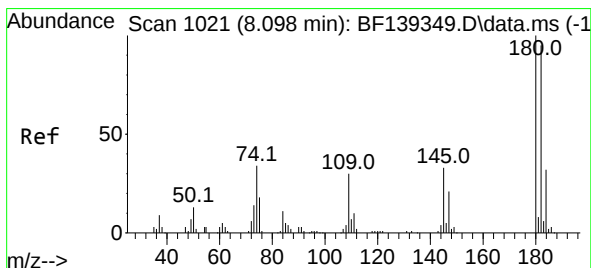
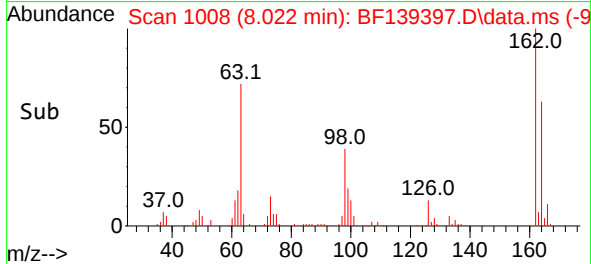
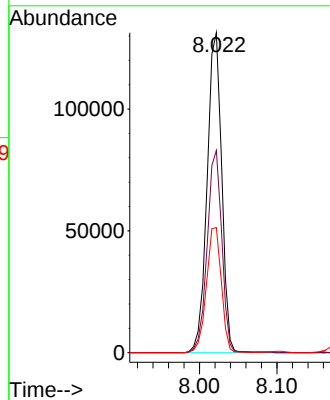
Upadhyay

09/18/2024

Supervised By :mohammad

ahmed

09/19/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.662 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

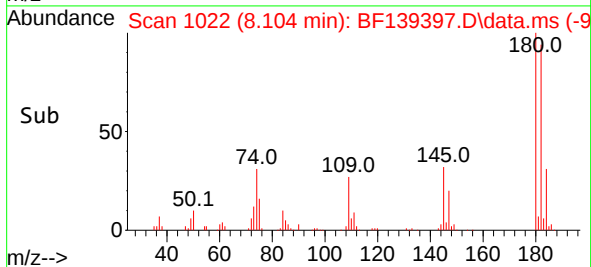
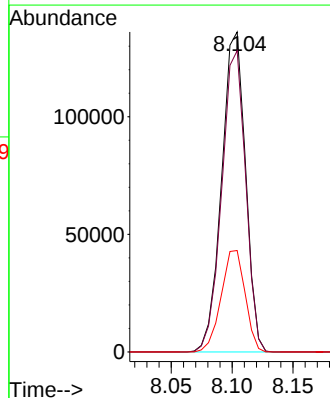
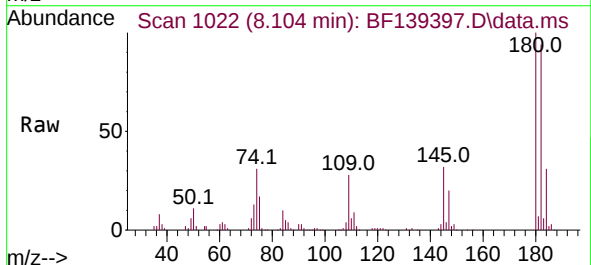
Tgt Ion:180 Resp: 185880

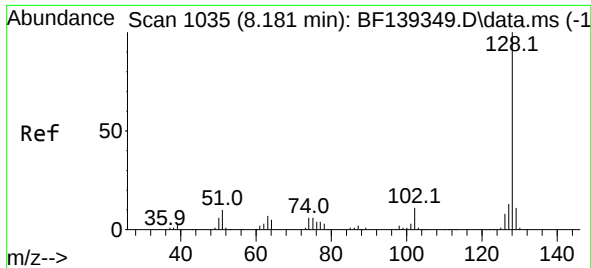
Ion Ratio Lower Upper

180 100

182 94.1 75.7 113.5

145 31.7 26.5 39.7





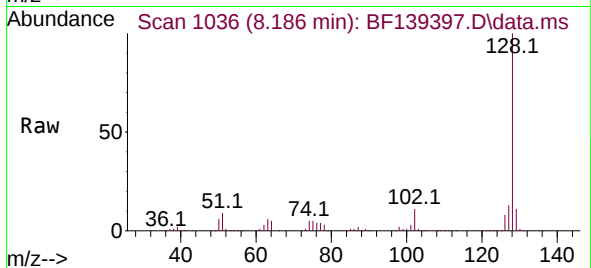
#31
Naphthalene
Concen: 45.681 ng
RT: 8.186 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

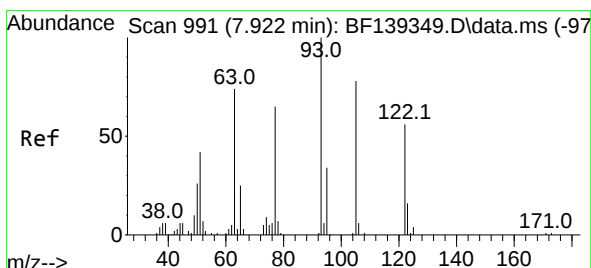
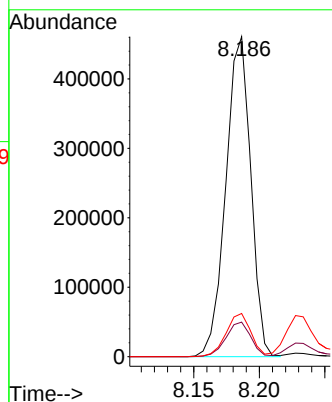


Tgt Ion:128 Resp: 609649
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.5 10.6 16.0

Manual Integrations
APPROVED

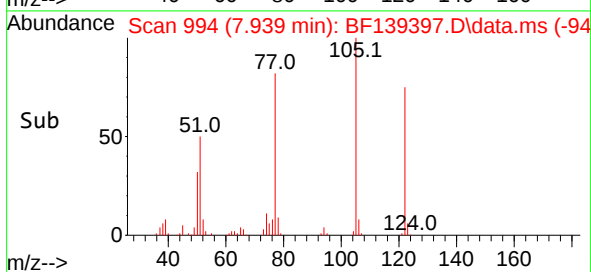
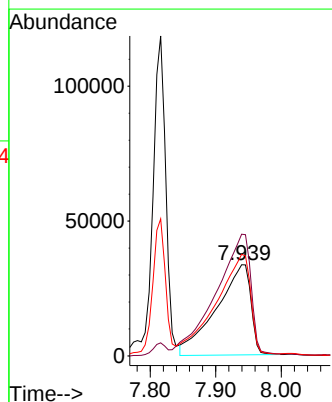
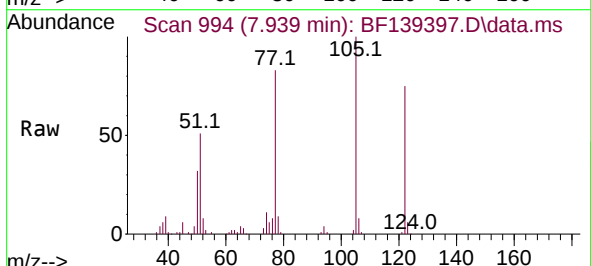
Reviewed By :Jagrut
Upadhyay
09/18/2024

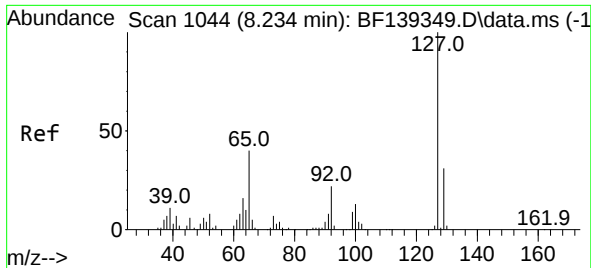
Supervised By :mohammad
ahmed
09/19/2024



#32
Benzoic acid
Concen: 45.212 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:122 Resp: 121692
Ion Ratio Lower Upper
122 100
105 133.6 117.1 157.1
77 111.4 95.4 135.4





#33
4-Chloroaniline
Concen: 24.638 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

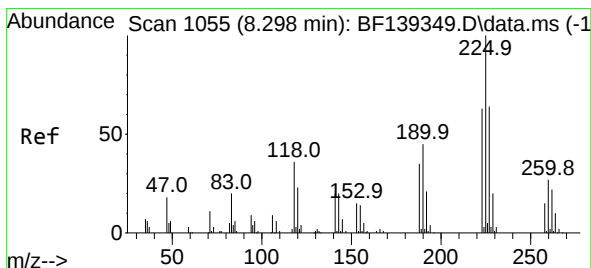
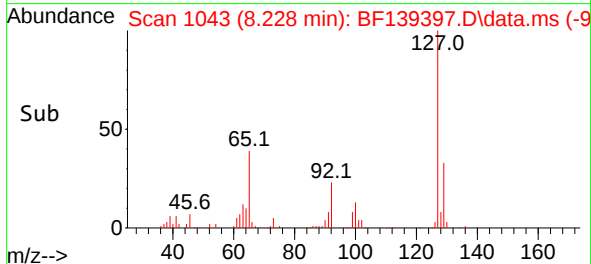
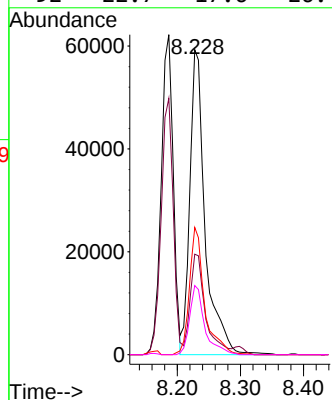
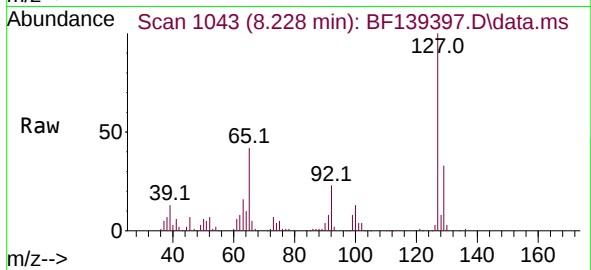
PB163414BS

Tgt Ion:127 Resp: 100592
Ion Ratio Lower Upper
127 100
129 32.9 25.5 38.3
65 41.7 31.5 47.3
92 22.7 17.6 26.4

Manual Integrations
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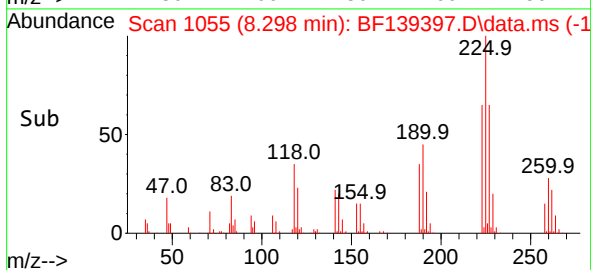
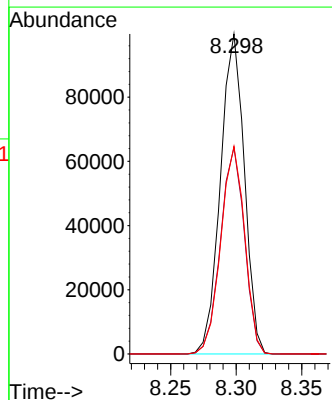
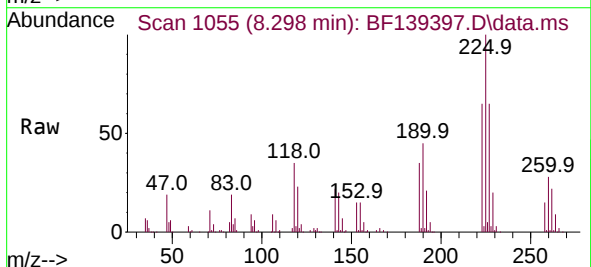
Reviewed By :Jagrut
Upadhyay
09/18/2024

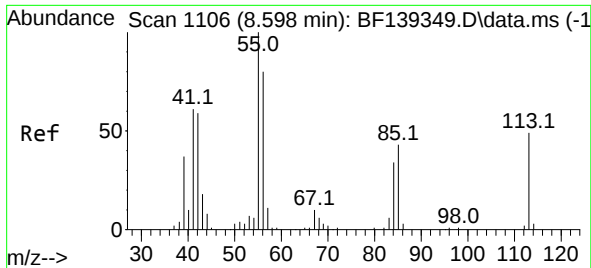
Supervised By :mohammad
ahmed
09/19/2024



#34
Hexachlorobutadiene
Concen: 43.691 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:225 Resp: 126371
Ion Ratio Lower Upper
225 100
223 64.5 50.1 75.1
227 64.9 51.0 76.6





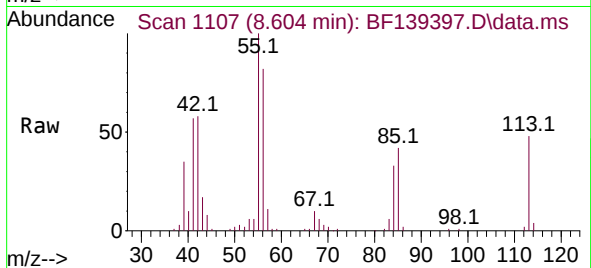
#35
 Caprolactam
 Concen: 48.261 ng m
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139397.D
 Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:113 Resp: 5424
 Ion Ratio Lower Upper
 113 100
 55 207.8 186.1 226.1
 56 170.9 144.9 184.9

Manual Integrations

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Reviewed By :Jagrut

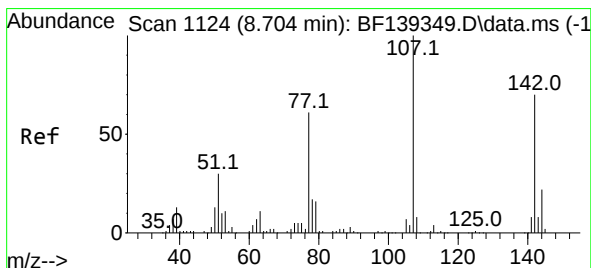
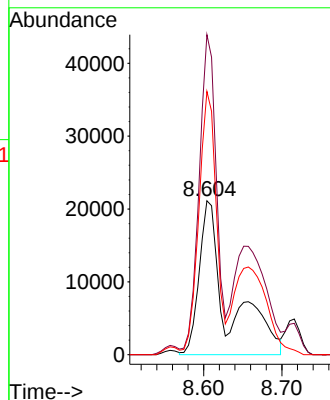
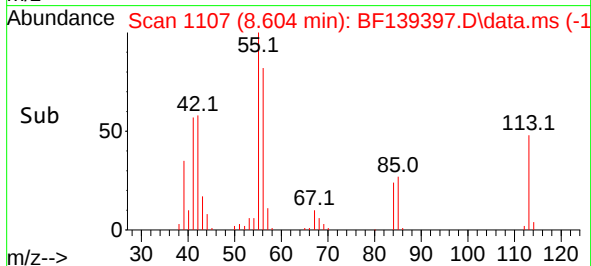
Upadhyay

09/18/2024

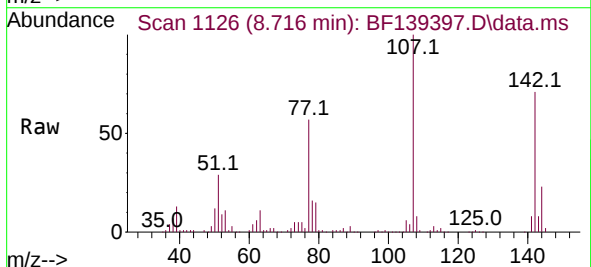
Supervised By :mohammad

ahmed

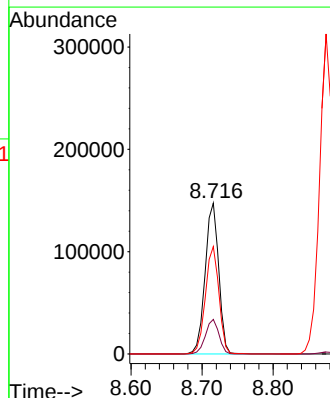
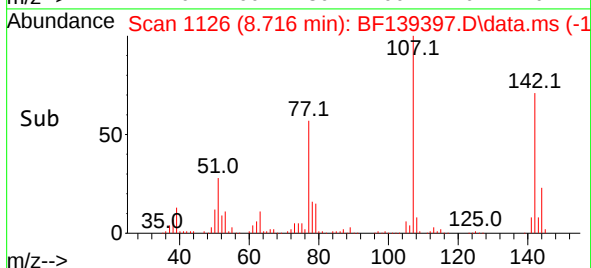
09/19/2024

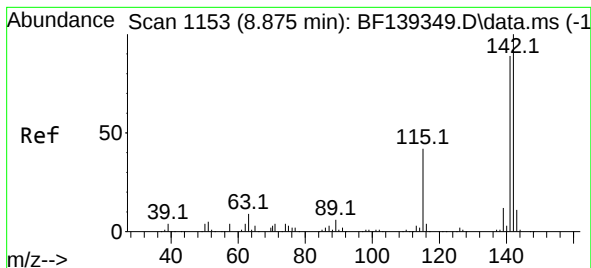


#36
 4-Chloro-3-methylphenol
 Concen: 47.032 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139397.D
 Acq: 17 Sep 2024 12:34



Tgt Ion:107 Resp: 196396
 Ion Ratio Lower Upper
 107 100
 144 22.9 17.5 26.3
 142 71.1 55.8 83.8





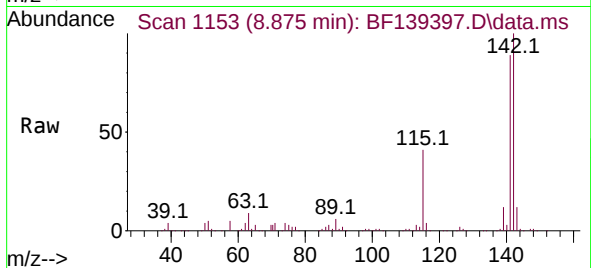
#37
2-Methylnaphthalene
Concen: 47.184 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

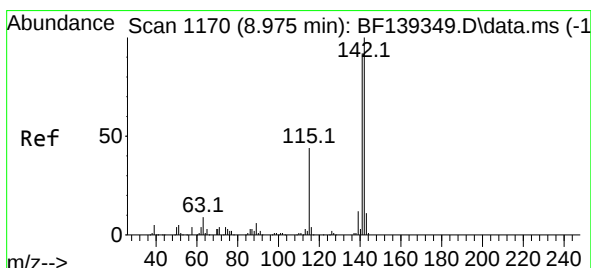
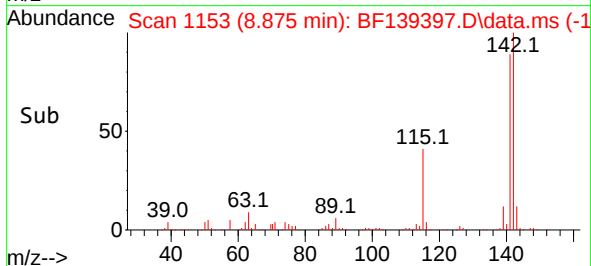
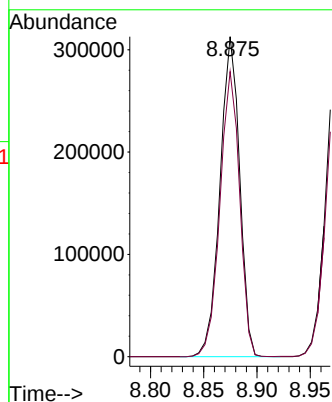


Tgt Ion:142 Resp: 399694
Ion Ratio Lower Upper
142 100
141 89.1 71.6 107.4

Manual Integrations
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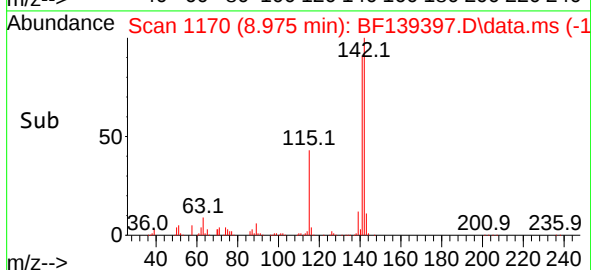
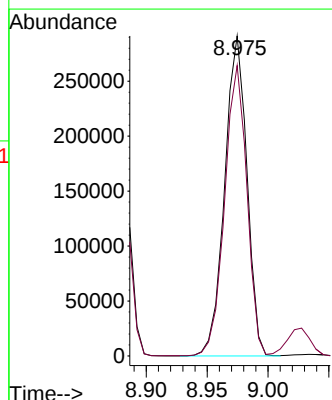
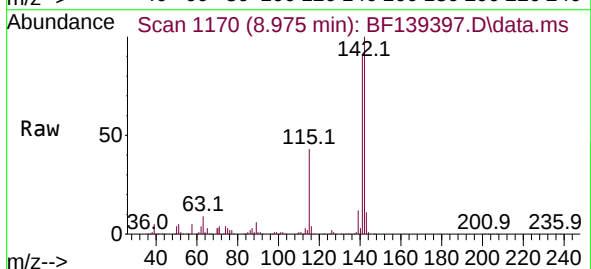
Reviewed By :Jagrut
Upadhyay
09/18/2024

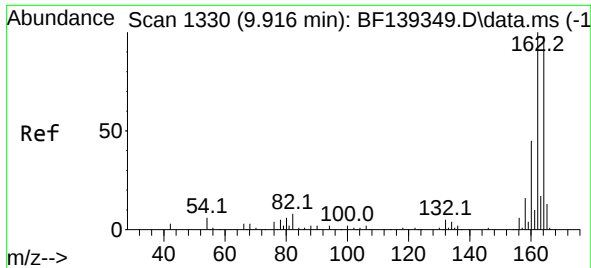
Supervised By :mohammad
ahmed
09/19/2024



#38
1-Methylnaphthalene
Concen: 44.552 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:142 Resp: 370515
Ion Ratio Lower Upper
142 100
141 90.8 73.2 109.8





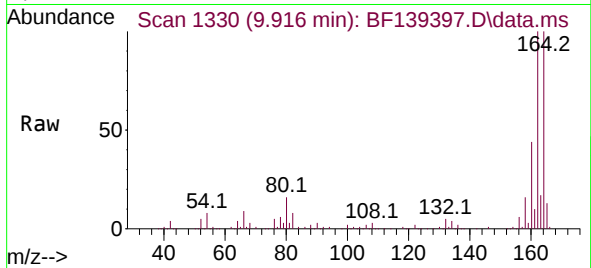
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

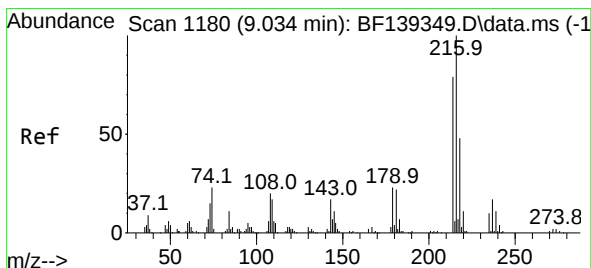
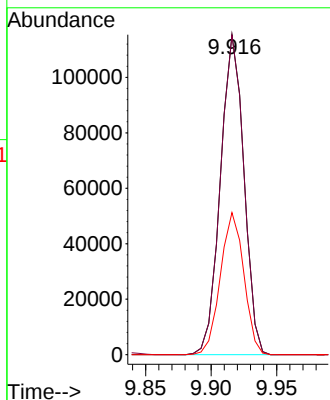
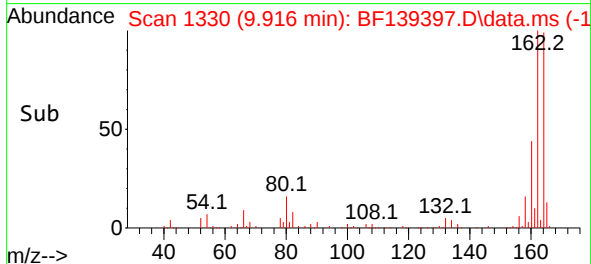


Tgt Ion:164 Resp: 143509
Ion Ratio Lower Upper
164 100
162 99.9 81.3 121.9
160 44.4 36.4 54.6

Manual Integrations
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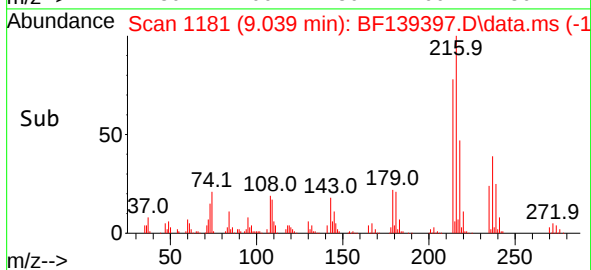
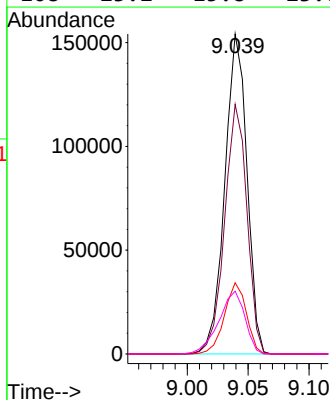
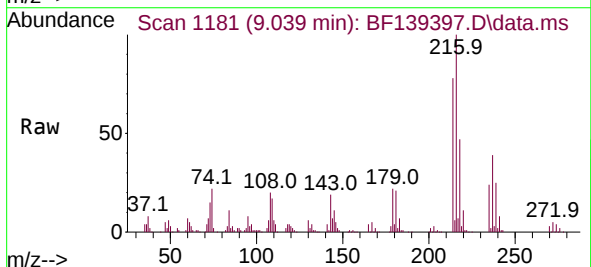
Reviewed By :Jagrut
Upadhyay
09/18/2024

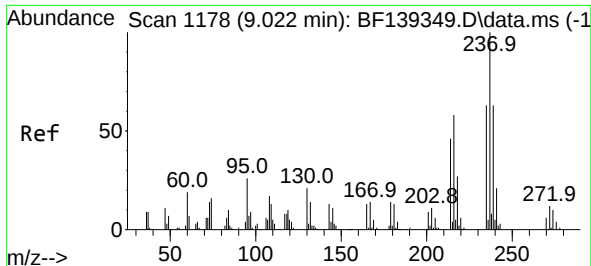
Supervised By :mohammad
ahmed
09/19/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.911 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

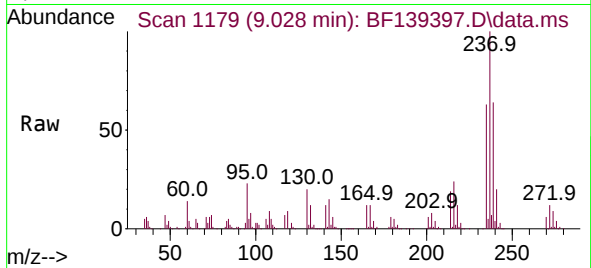
Tgt Ion:216 Resp: 195268
Ion Ratio Lower Upper
216 100
214 78.3 63.4 95.0
179 22.1 18.2 27.2
108 23.2 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 180.877 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

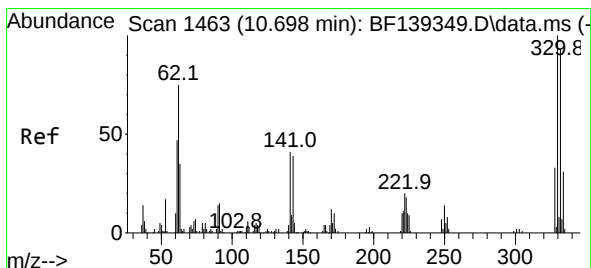
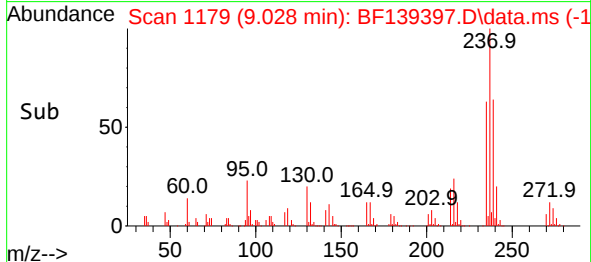
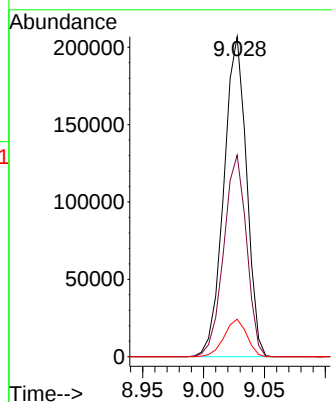


Tgt Ion:237 Resp: 268600
Ion Ratio Lower Upper
237 100
235 63.0 42.7 82.7
272 11.7 0.0 32.5

Manual Integrations
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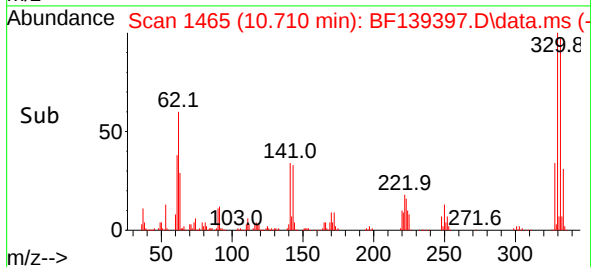
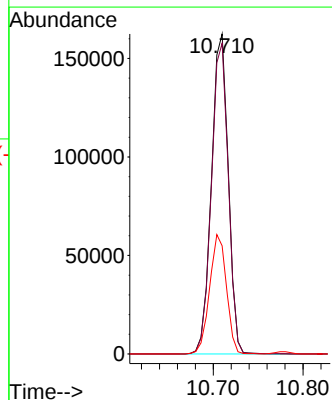
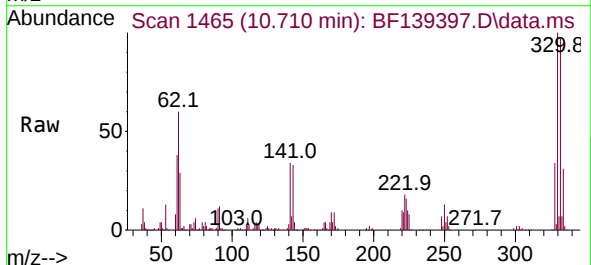
Reviewed By :Jagrut
Upadhyay
09/18/2024

Supervised By :mohammad
ahmed
09/19/2024



#42
2,4,6-Tribromophenol
Concen: 138.325 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:330 Resp: 211337
Ion Ratio Lower Upper
330 100
332 97.1 75.2 112.8
141 37.4 31.2 46.8





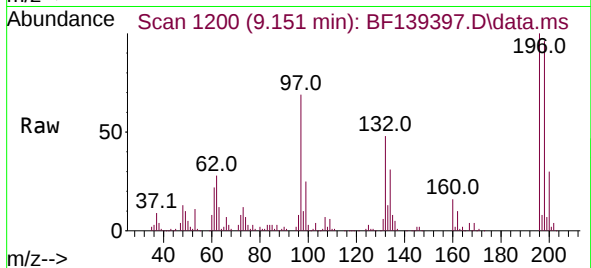
#43
2,4,6-Trichlorophenol
Concen: 48.189 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

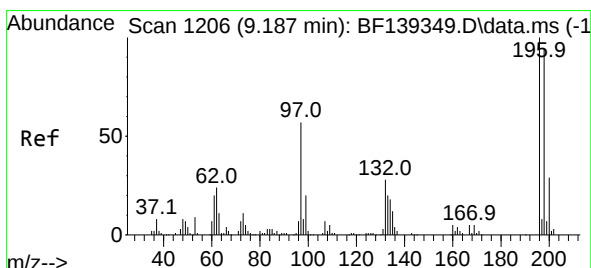
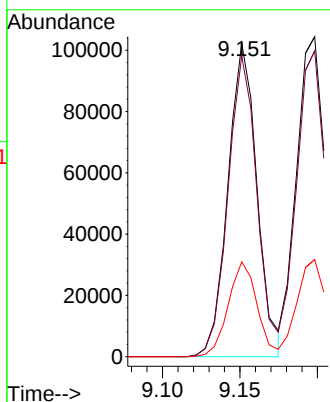
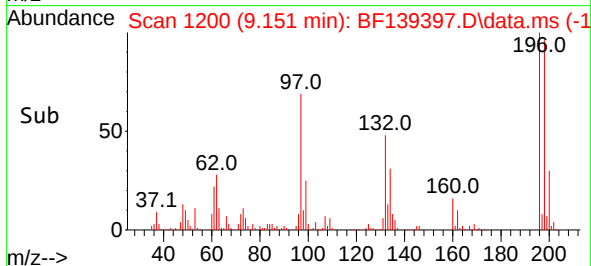


Tgt Ion:196 Resp: 13334
Ion Ratio Lower Upper
196 100
198 95.9 75.8 113.6
200 30.2 24.1 36.1

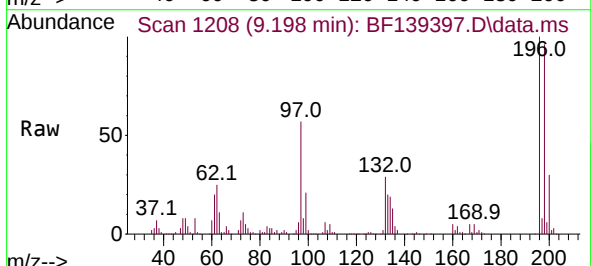
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/18/2024

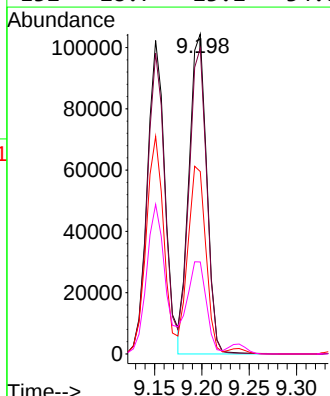
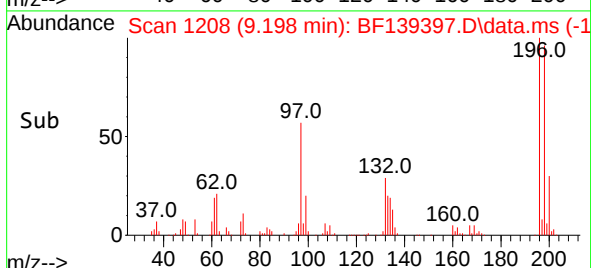
Supervised By :mohammad
ahmed
09/19/2024

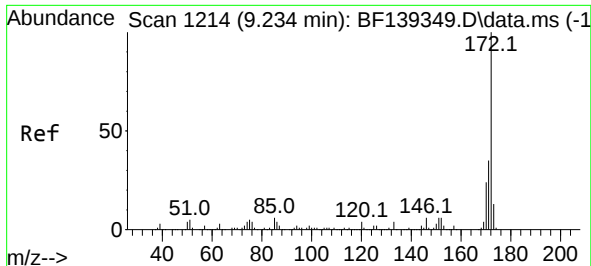


#44
2,4,5-Trichlorophenol
Concen: 46.659 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:196 Resp: 136190
Ion Ratio Lower Upper
196 100
198 95.6 74.8 112.2
97 57.0 47.3 70.9
132 28.7 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 89.130 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139397.D

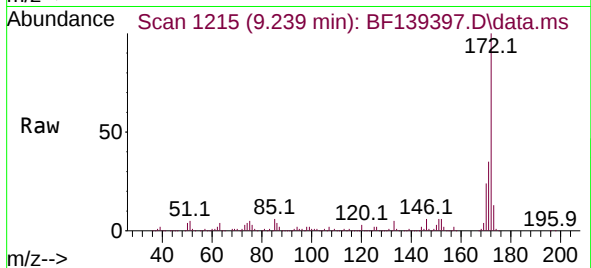
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:172 Resp: 91199

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

170 23.6 19.0 28.6

Manual Integrations

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Reviewed By :Jagrut

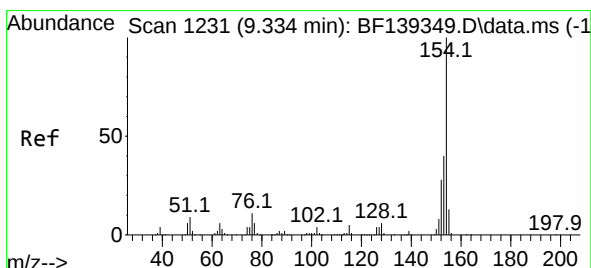
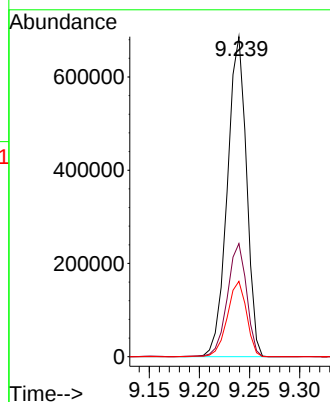
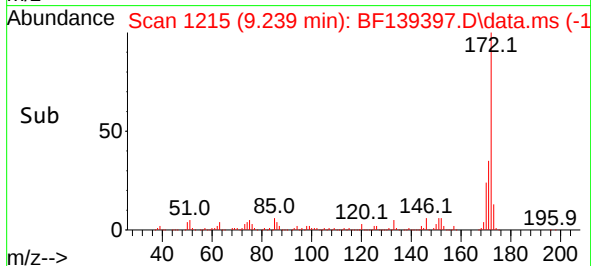
Upadhyay

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Supervised By :mohammad

ahmed

09/19/2024



#46

1,1'-Biphenyl

Concen: 45.169 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

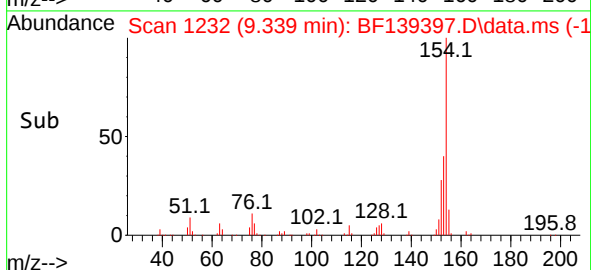
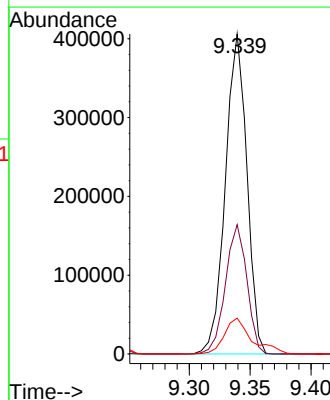
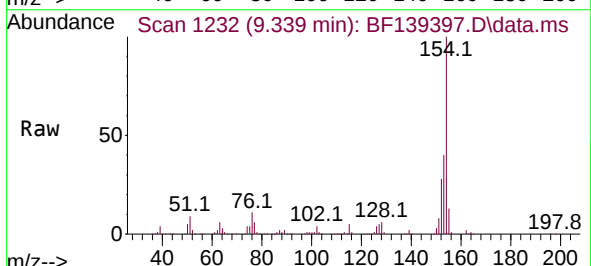
Tgt Ion:154 Resp: 498693

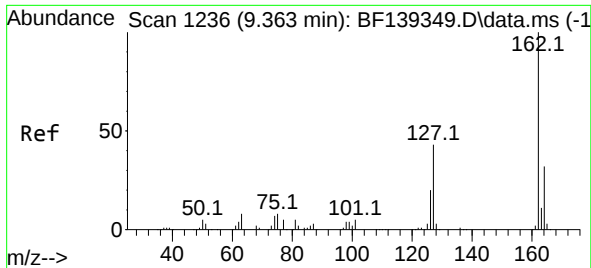
Ion Ratio Lower Upper

154 100

153 40.4 20.1 60.1

76 11.2 0.0 31.1





#47

2-Chloronaphthalene

Concen: 45.008 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139397.D

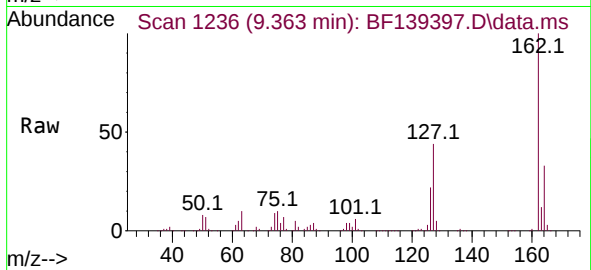
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:162 Resp: 371538

Ion Ratio Lower Upper

162 100

127 44.2 35.0 52.4

164 32.8 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :Jagrut

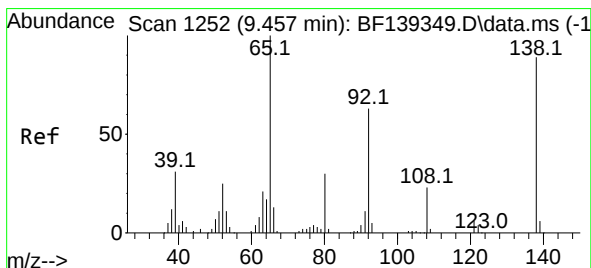
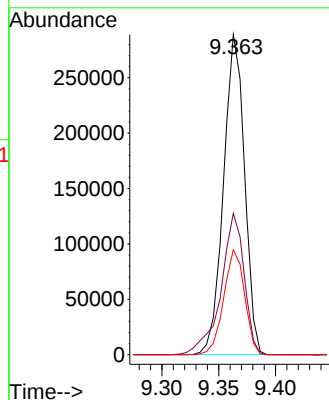
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Supervised By :mohammad

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#48

2-Nitroaniline

Concen: 46.197 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.000 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

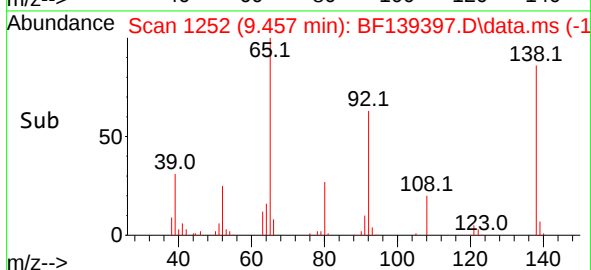
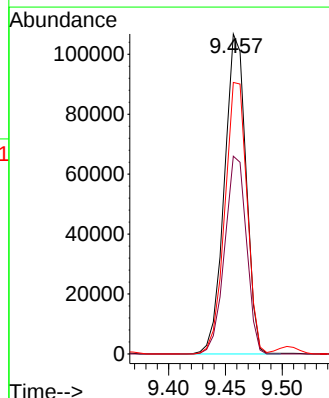
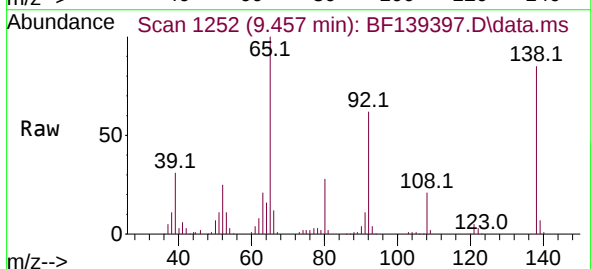
Tgt Ion: 65 Resp: 141844

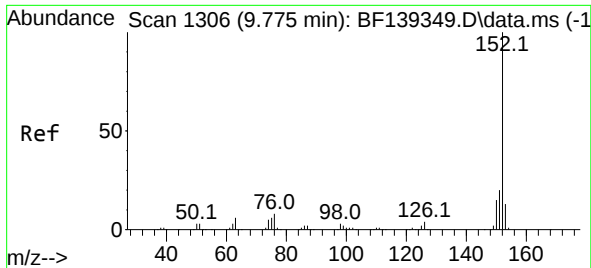
Ion Ratio Lower Upper

65 100

92 61.8 50.3 75.5

138 84.8 71.3 106.9





#49
Acenaphthylene
Concen: 49.242 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion:152 Resp: 61189
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.3 15.5

Manual Integrations
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Reviewed By :Jagrut

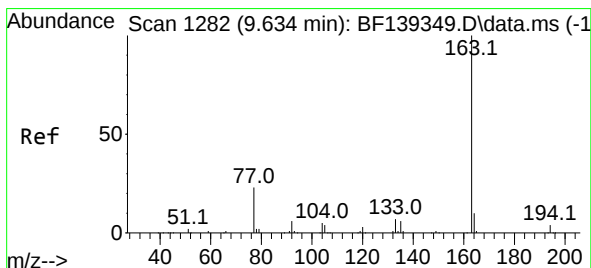
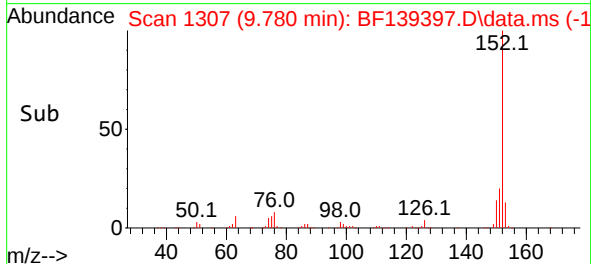
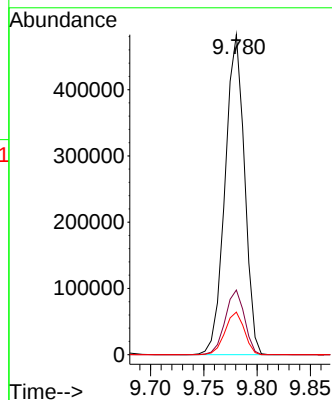
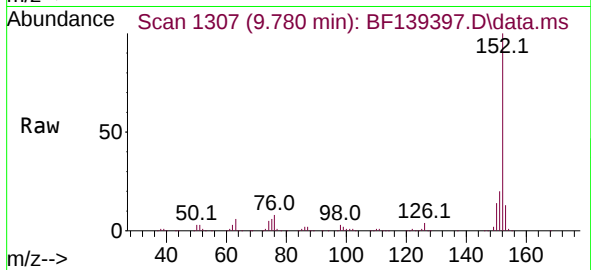
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Supervised By :mohammad

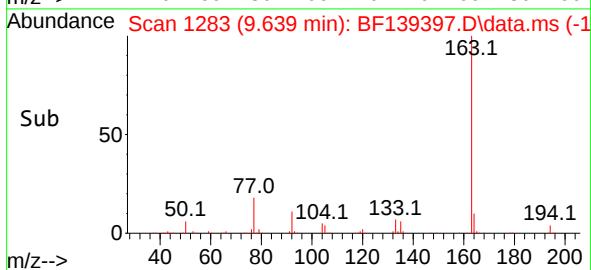
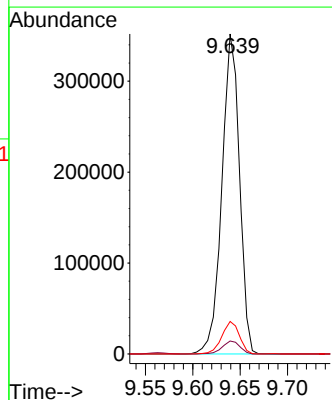
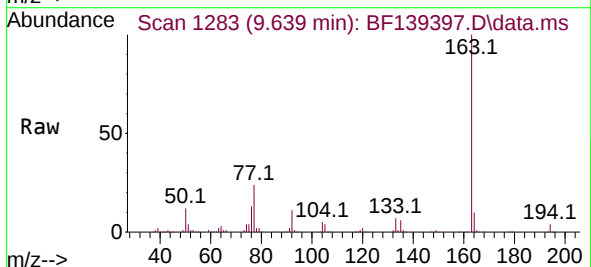
ahmed

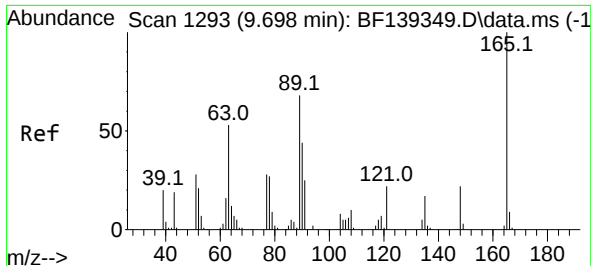
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#50
Dimethylphthalate
Concen: 48.332 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:163 Resp: 455242
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2





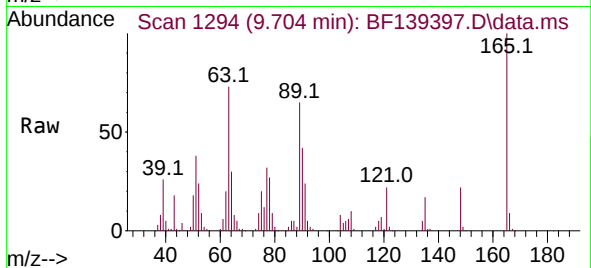
#51
2,6-Dinitrotoluene
Concen: 46.568 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:165 Resp: 97170
Ion Ratio Lower Upper
165 100
63 72.5 60.9 91.3
89 65.0 54.7 82.1

Manual Integrations

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Reviewed By :Jagrut

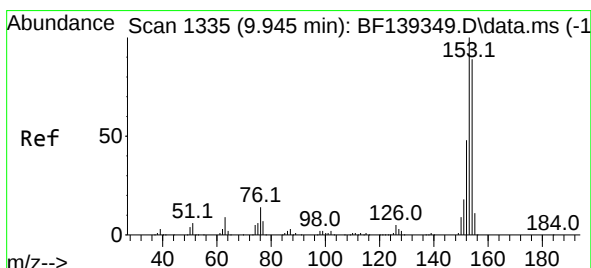
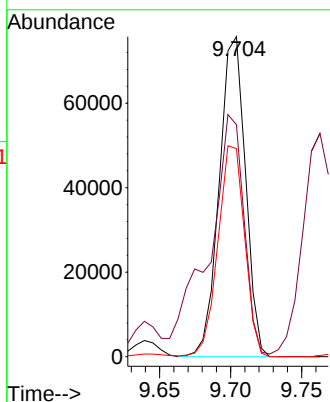
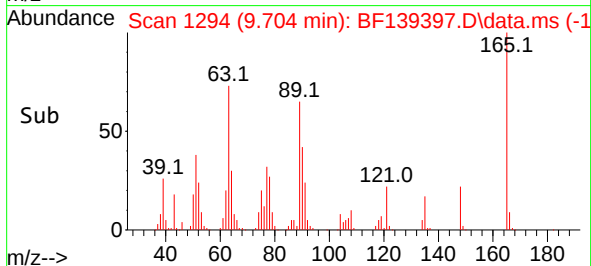
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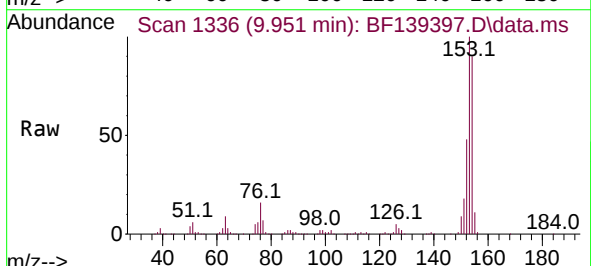
Supervised By :mohammad

ahmed

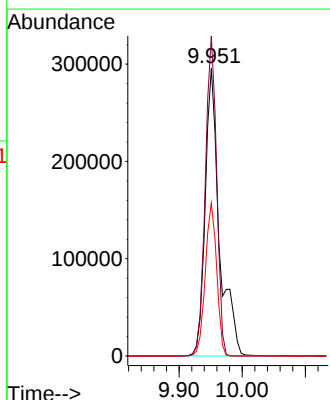
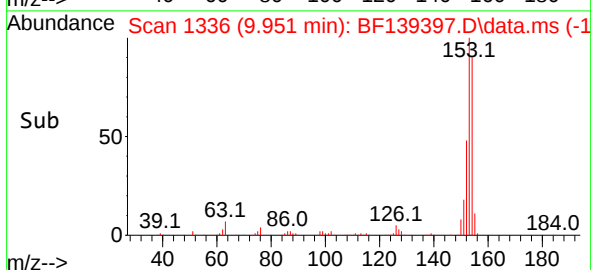
09/19/2024

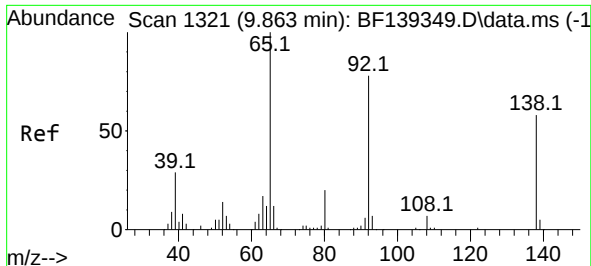


#52
Acenaphthene
Concen: 53.280 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:154 Resp: 462073
Ion Ratio Lower Upper
154 100
153 111.3 89.5 134.3
152 53.2 42.6 64.0





#53
3-Nitroaniline
Concen: 31.600 ng
RT: 9.869 min Scan# 1321
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

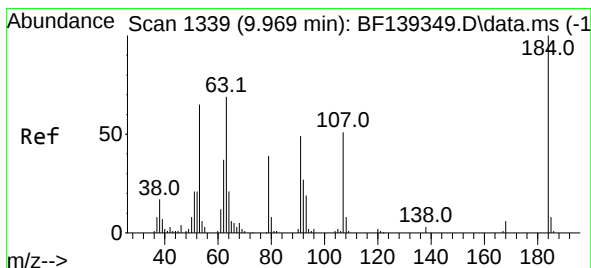
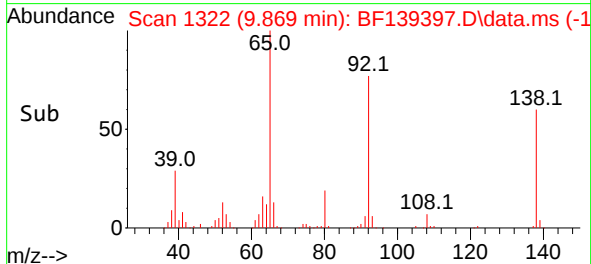
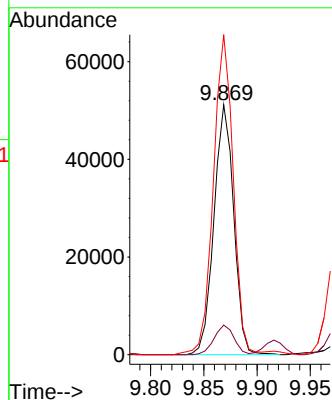
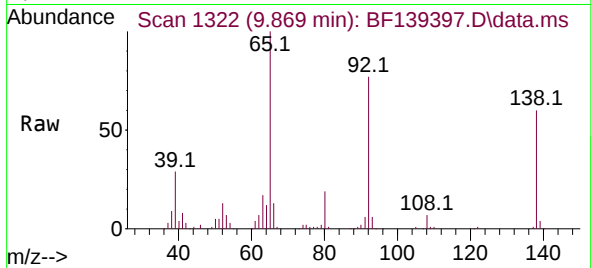
PB163414BS

Tgt Ion:138 Resp: 6589
Ion Ratio Lower Upper
138 100
108 11.9 9.8 14.8
92 128.0 107.4 161.2

Manual Integrations
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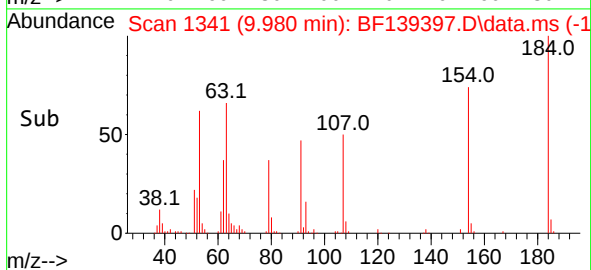
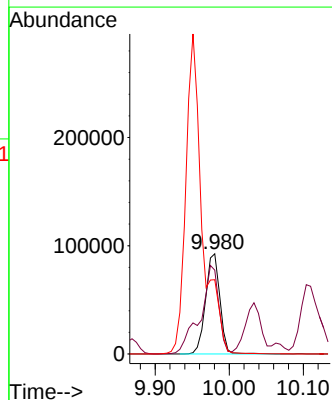
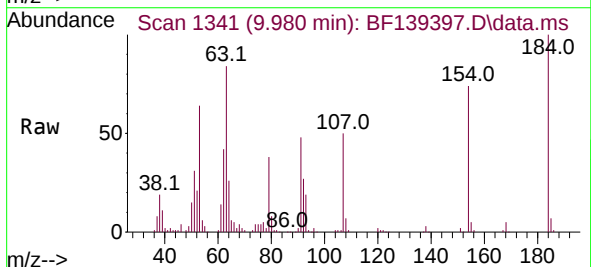
Reviewed By :Jagrut
Upadhyay
09/18/2024

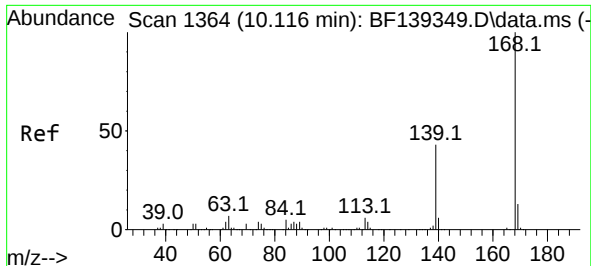
Supervised By :mohammad
ahmed
09/19/2024



#54
2,4-Dinitrophenol
Concen: 107.435 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.011 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

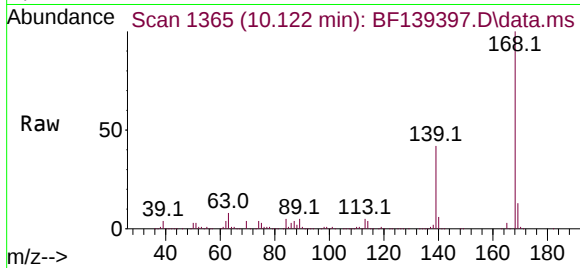
Tgt Ion:184 Resp: 124916
Ion Ratio Lower Upper
184 100
63 83.7 69.3 103.9
154 74.1 67.5 101.3





#55
Dibenzenofuran
Concen: 46.670 ng
RT: 10.122 min Scan# 1364
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

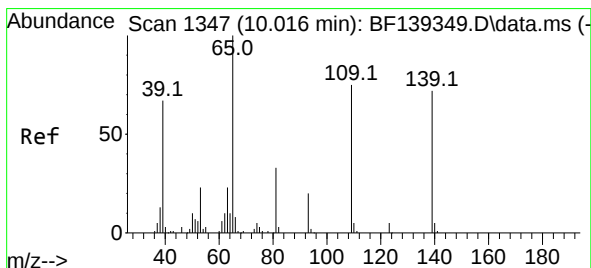
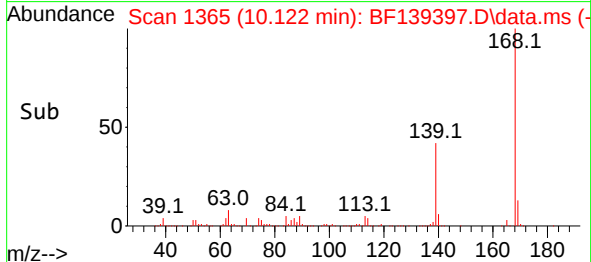
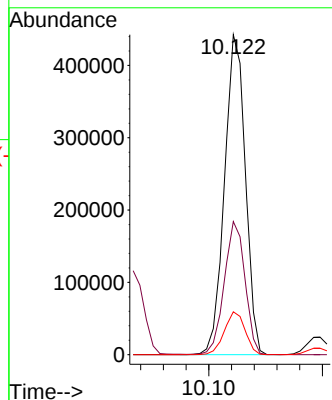


Tgt Ion:168 Resp: 56414
Ion Ratio Lower Upper
168 100
139 41.6 34.1 51.1
169 13.4 10.5 15.7

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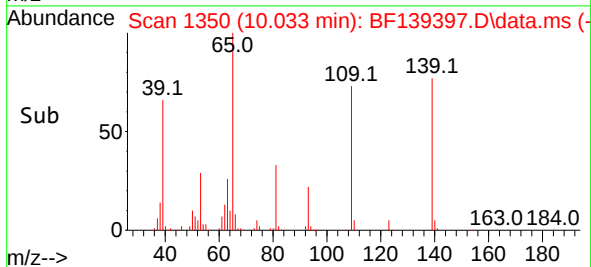
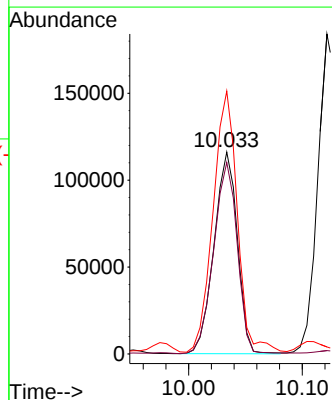
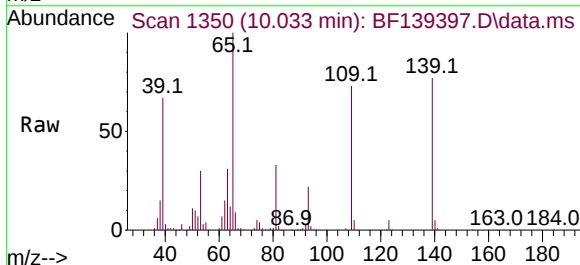
Reviewed By :Jagrut
Upadhyay
09/18/2024

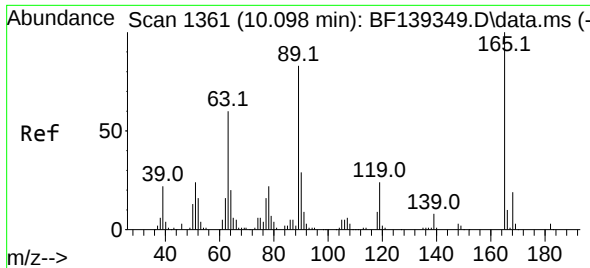
Supervised By :mohammad
ahmed
09/19/2024



#56
4-Nitrophenol
Concen: 96.083 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:139 Resp: 165793
Ion Ratio Lower Upper
139 100
109 94.9 84.1 124.1
65 130.2 120.0 160.0





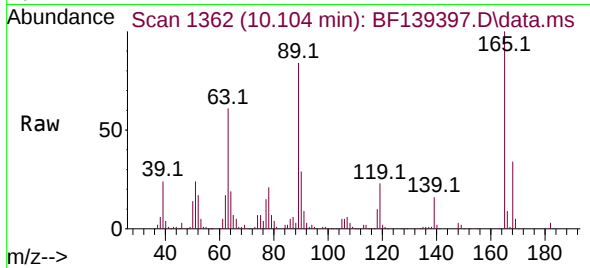
#57
2,4-Dinitrotoluene
Concen: 48.934 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:165 Resp: 13785
Ion Ratio Lower Upper
165 100
63 60.5 47.8 71.6
89 84.3 66.7 100.1
182 2.5 2.2 3.4

Manual Integrations

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Reviewed By :Jagrut

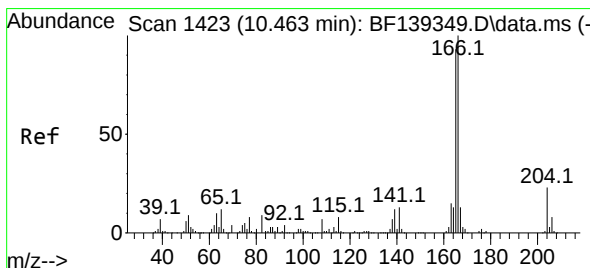
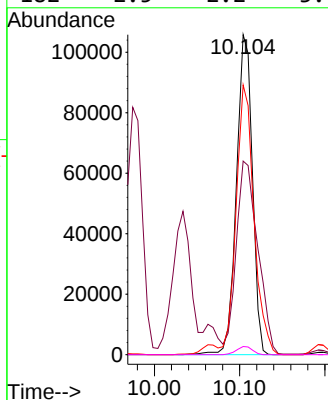
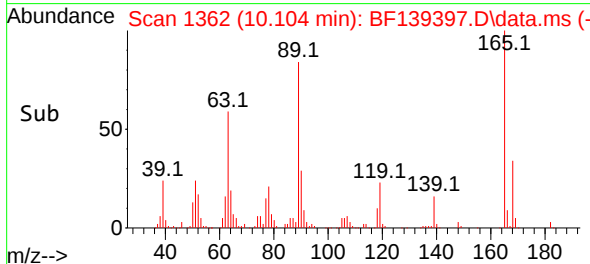
Upadhyay

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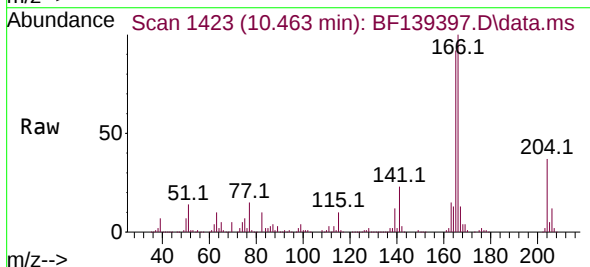
Supervised By :mohammad

ahmed

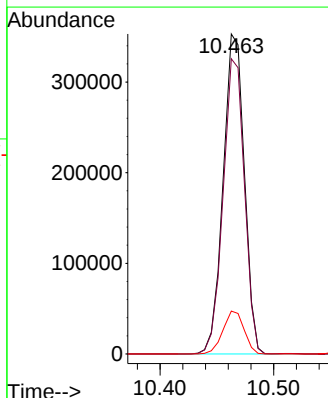
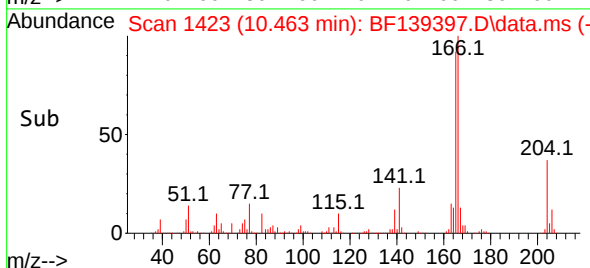
09/19/2024



#58
Fluorene
Concen: 46.459 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



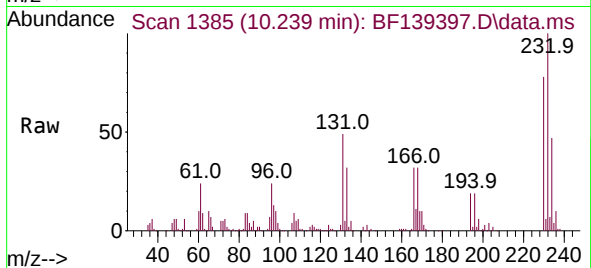
Tgt Ion:166 Resp: 458215
Ion Ratio Lower Upper
166 100
165 92.3 74.5 111.7
167 13.4 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 50.076 ng
RT: 10.239 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

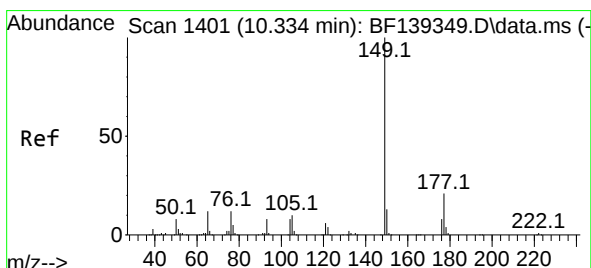
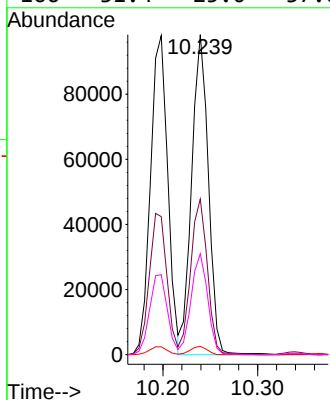
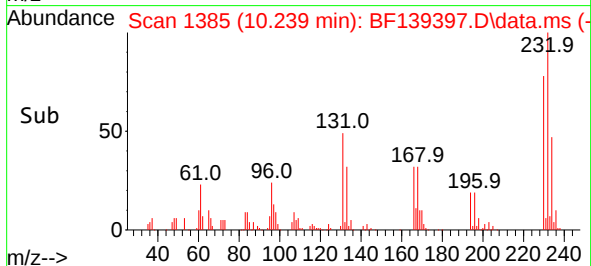


Tgt Ion:232 Resp: 120910
Ion Ratio Lower Upper
232 100
131 48.7 40.7 61.1
130 2.6 2.2 3.2
166 31.4 25.0 37.6

Manual Integrations
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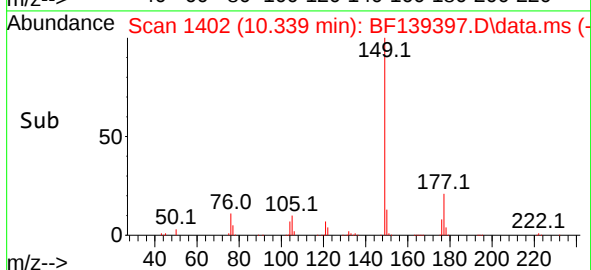
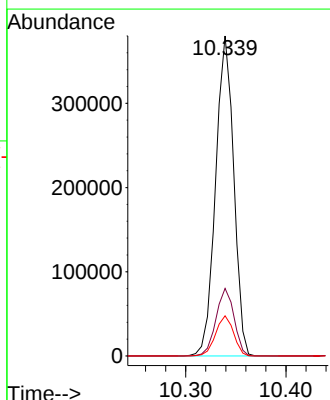
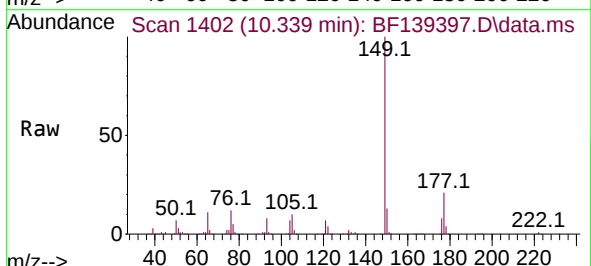
Reviewed By :Jagrut
Upadhyay
09/18/2024

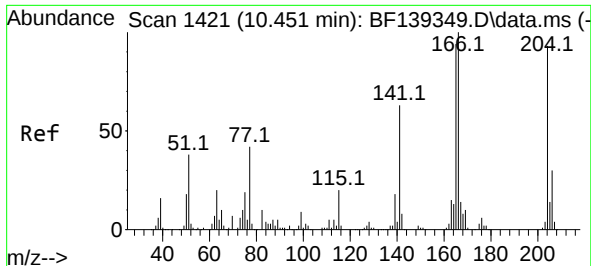
Supervised By :mohammad
ahmed
09/19/2024



#60
Diethylphthalate
Concen: 48.999 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

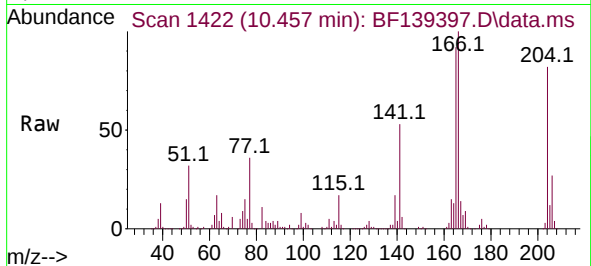
Tgt Ion:149 Resp: 476279
Ion Ratio Lower Upper
149 100
177 21.1 16.6 24.8
150 12.5 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 46.062 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

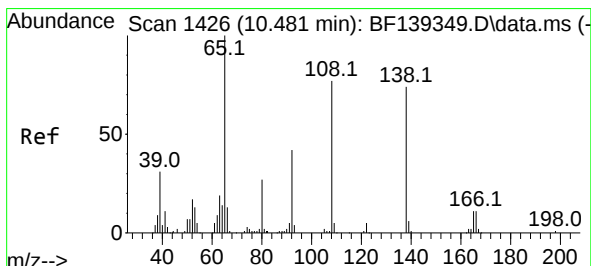
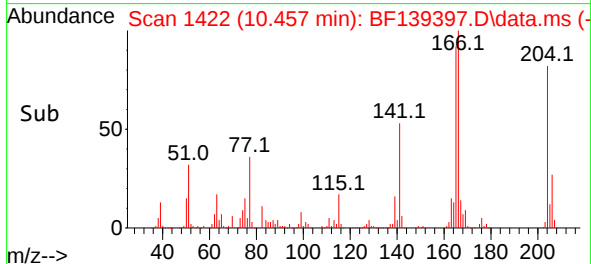
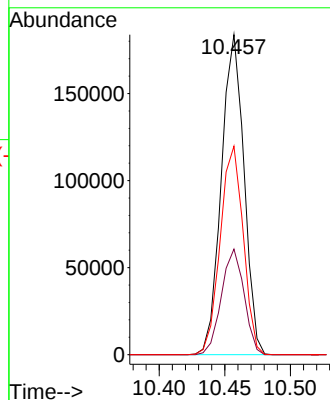


Tgt Ion:204 Resp: 22078
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.2
141 65.2 53.9 80.9

Manual Integrations
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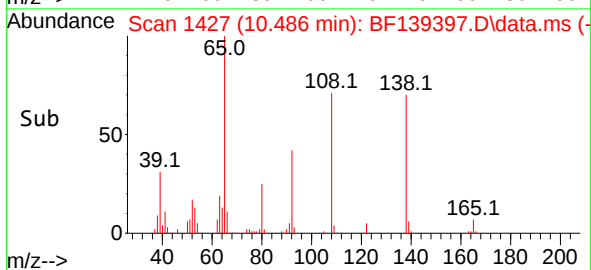
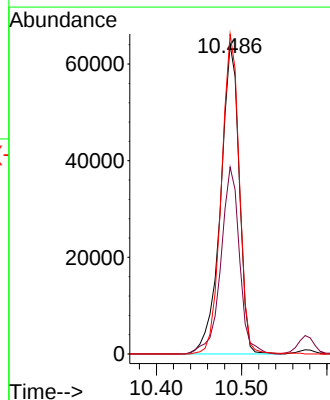
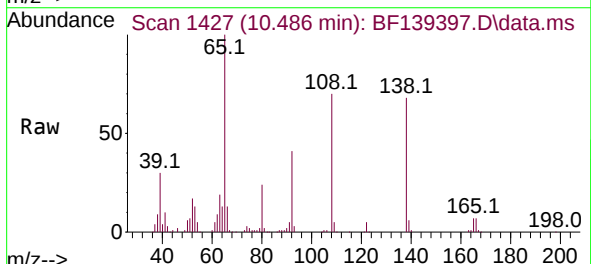
Reviewed By :Jagrut
Upadhyay
09/18/2024

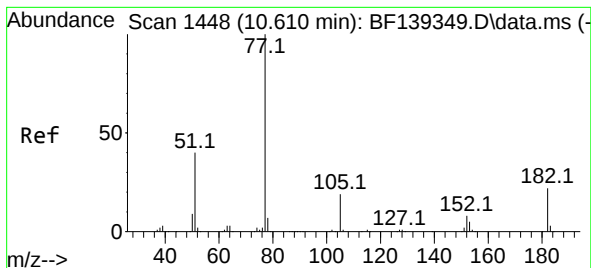
Supervised By :mohammad
ahmed
09/19/2024



#62
4-Nitroaniline
Concen: 42.912 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

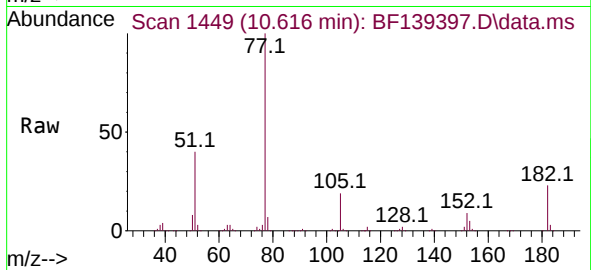
Tgt Ion:138 Resp: 97665
Ion Ratio Lower Upper
138 100
92 60.3 37.0 77.0
108 103.4 84.4 124.4





#63
Azobenzene
Concen: 48.028 ng
RT: 10.616 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

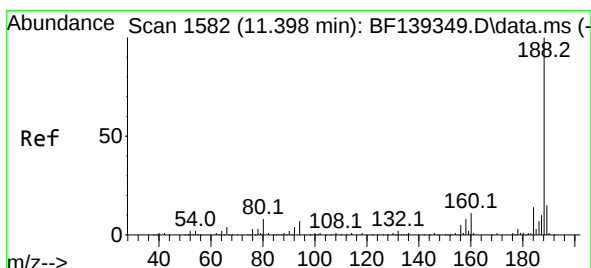
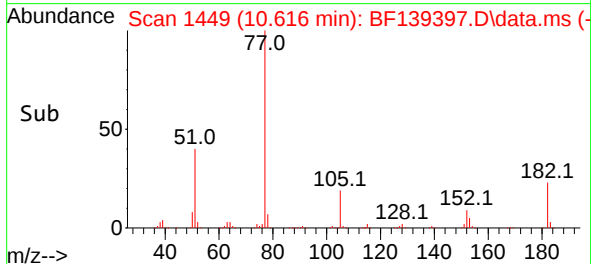
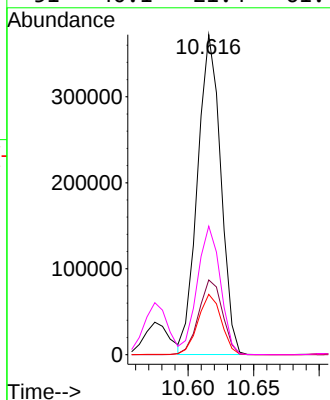


Tgt Ion: 77 Resp: 459164
Ion Ratio Lower Upper
77 100
182 23.4 1.8 41.8
105 18.9 0.0 38.6
51 40.1 21.4 61.4

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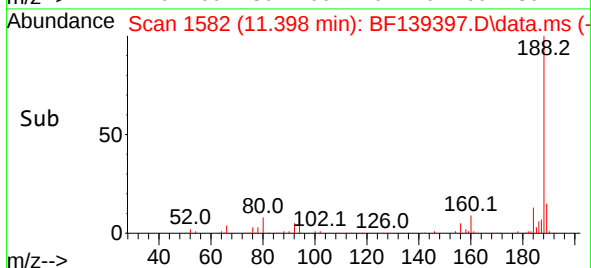
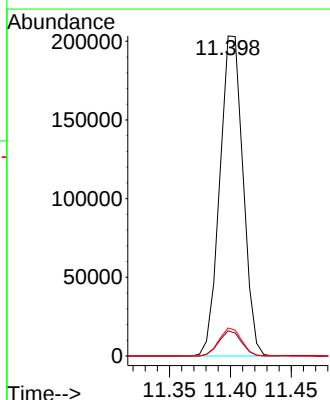
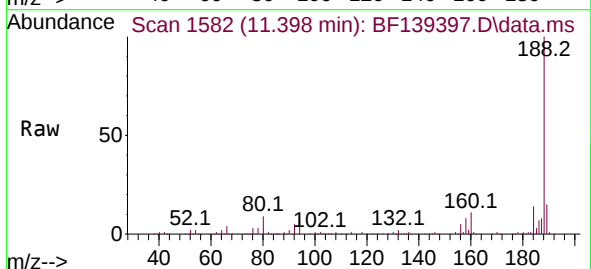
Reviewed By :Jagrut
Upadhyay
09/18/2024

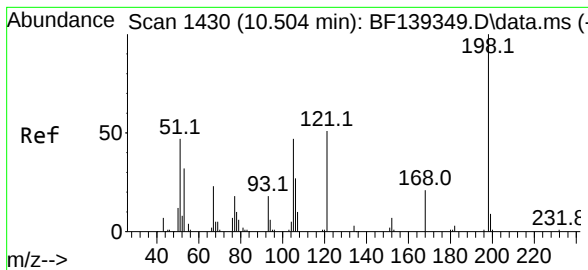
Supervised By :mohammad
ahmed
09/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

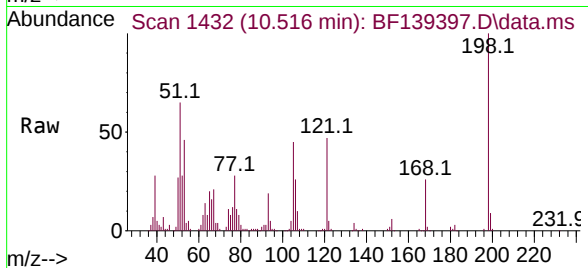
Tgt Ion:188 Resp: 269967
Ion Ratio Lower Upper
188 100
94 7.8 5.5 8.3
80 8.8 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 53.421 ng
RT: 10.516 min Scan# 1432
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

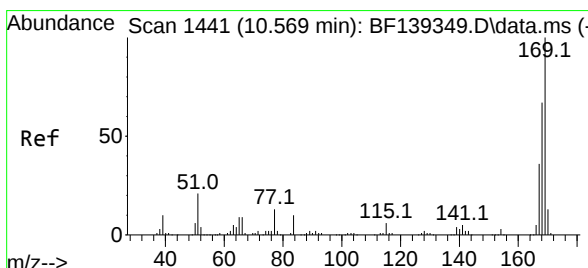
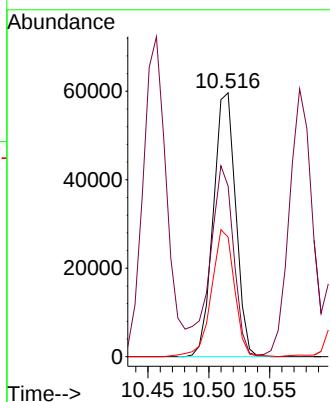
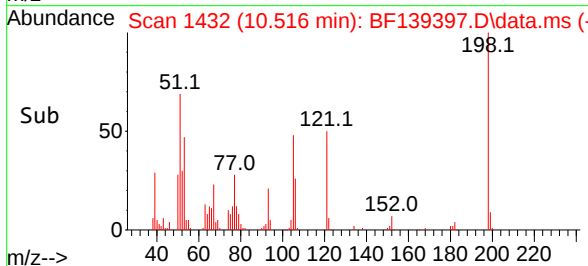


Tgt Ion:198 Resp: 7611
Ion Ratio Lower Upper
198 100
51 64.7 50.4 90.4
105 45.3 28.3 68.3

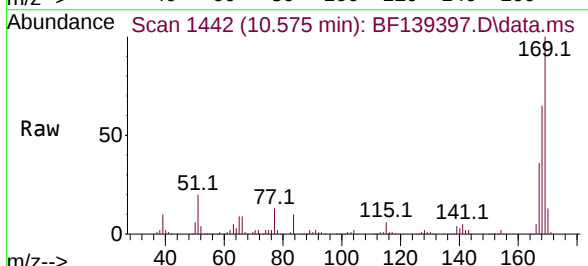
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/18/2024

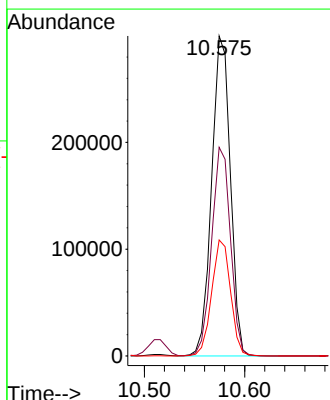
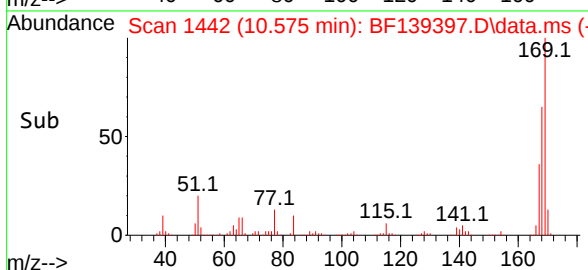
Supervised By :mohammad
ahmed
09/19/2024

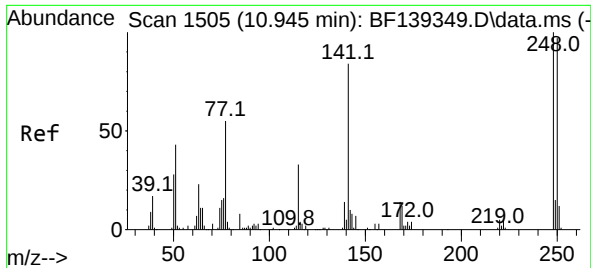


#66
n-Nitrosodiphenylamine
Concen: 49.110 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:169 Resp: 387624
Ion Ratio Lower Upper
169 100
168 65.2 53.6 80.4
167 36.3 28.7 43.1





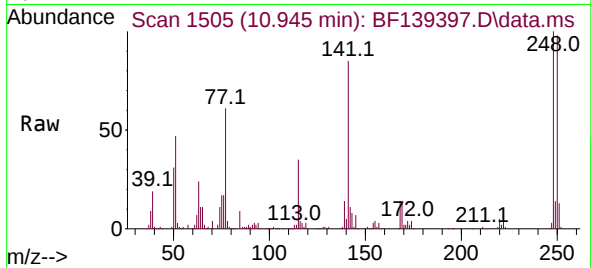
#67
4-Bromophenyl-phenylether
Concen: 49.059 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

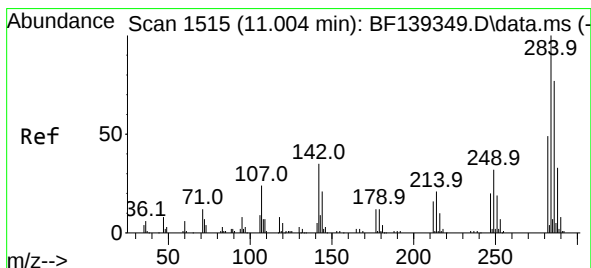
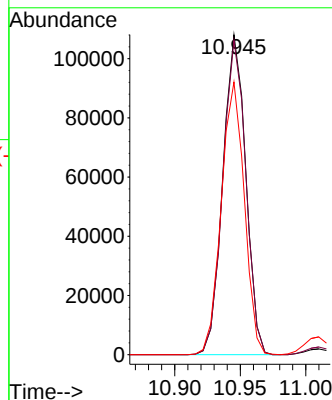


Tgt Ion:248 Resp: 131248
Ion Ratio Lower Upper
248 100
250 98.2 77.6 116.4
141 85.2 66.9 100.3

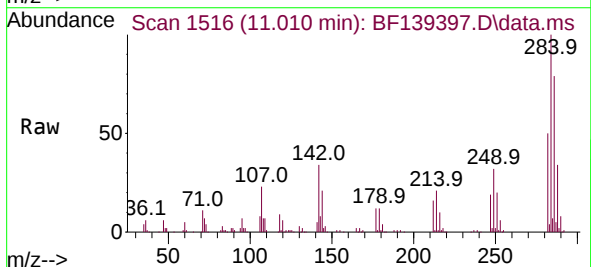
Manual Integrations
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Reviewed By :Jagrut
Upadhyay
09/18/2024

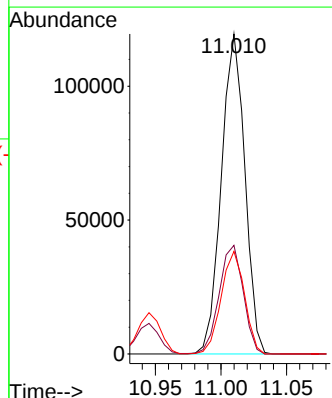
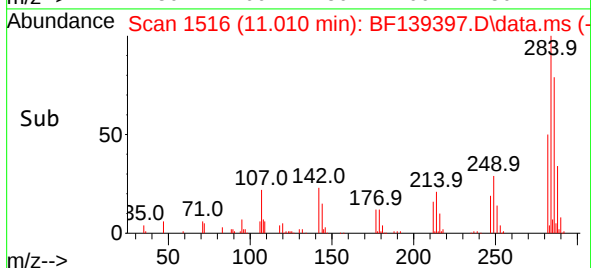
Supervised By :mohammad
ahmed
09/19/2024

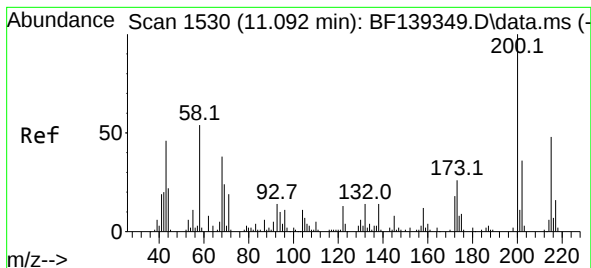


#68
Hexachlorobenzene
Concen: 47.358 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:284 Resp: 148694
Ion Ratio Lower Upper
284 100
142 34.0 28.0 42.0
249 32.0 25.3 37.9





#69

Atrazine

Concen: 69.685 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS

Tgt Ion:200 Resp: 13094

Ion Ratio Lower Upper

200 100

173 26.0 6.1 46.1

215 45.9 28.2 68.2

Manual Integrations

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Reviewed By :Jagrut

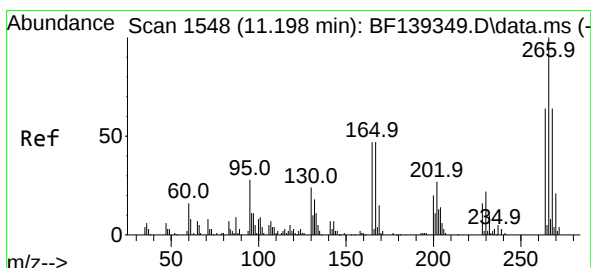
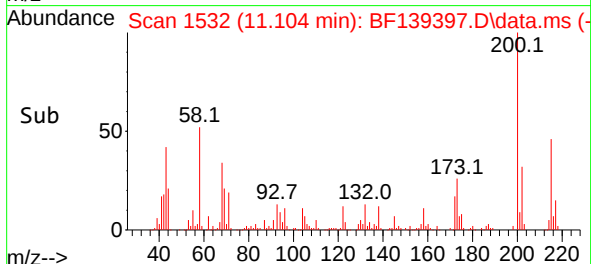
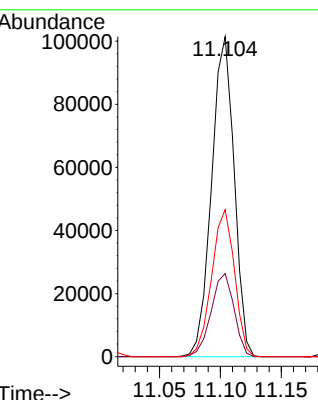
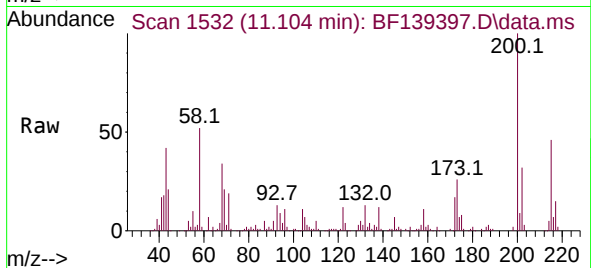
Upadhyay

09/18/2024

Supervised By :mohammad

ahmed

09/19/2024



#70

Pentachlorophenol

Concen: 100.094 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

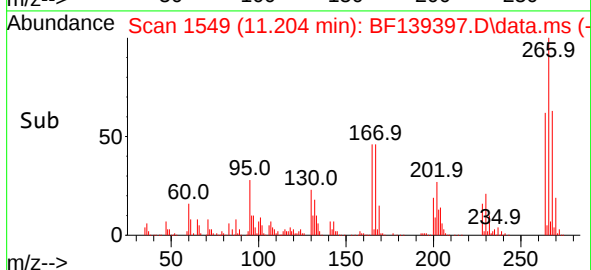
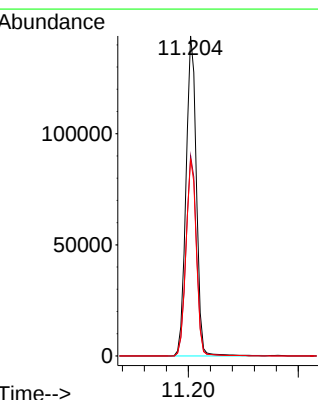
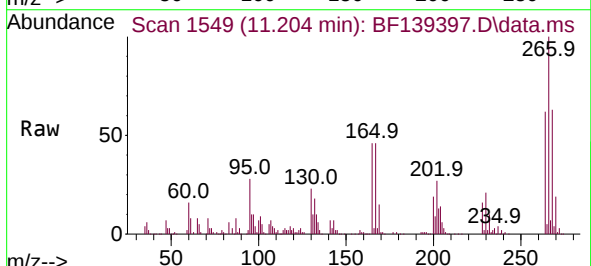
Tgt Ion:266 Resp: 188578

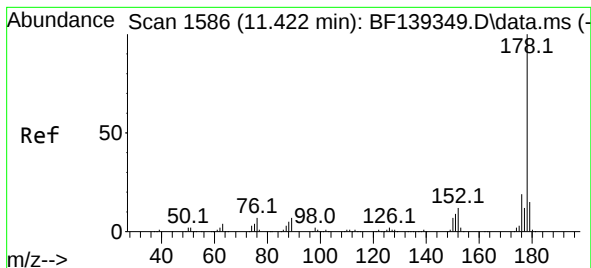
Ion Ratio Lower Upper

266 100

268 62.5 51.1 76.7

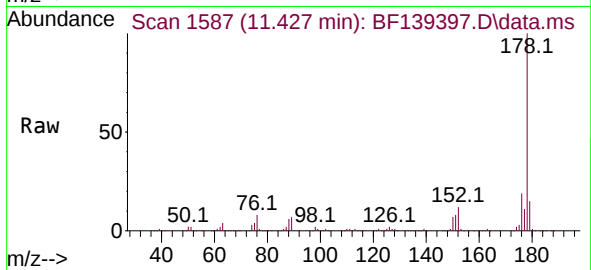
264 61.6 51.4 77.0





#71
Phenanthrene
Concen: 49.069 ng
RT: 11.427 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

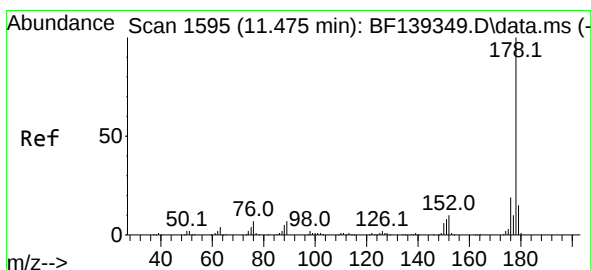
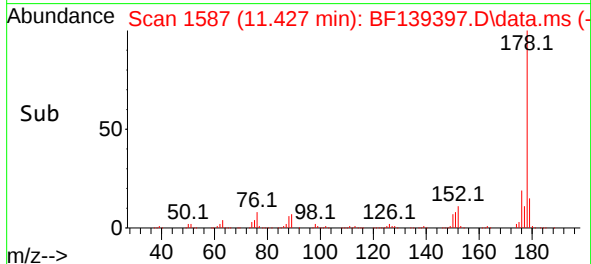
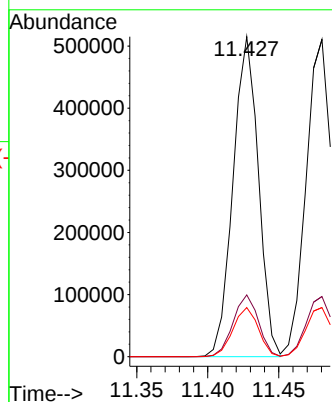


Tgt Ion:178 Resp: 63911
Ion Ratio Lower Upper
178 100
176 19.3 15.2 22.8
179 15.4 12.2 18.4

Manual Integrations
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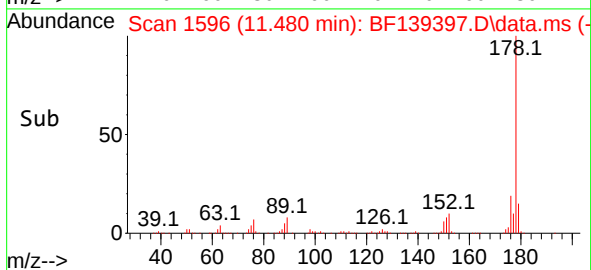
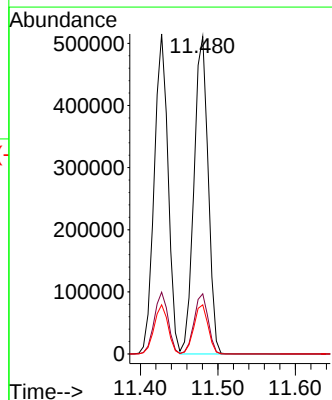
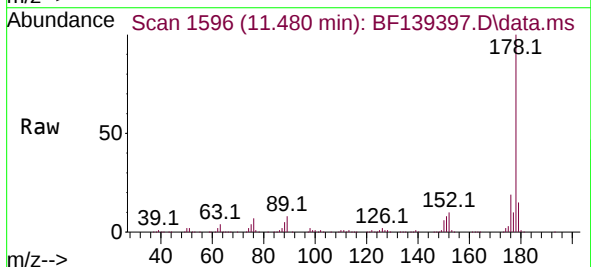
Reviewed By :Jagrut
Upadhyay
09/18/2024

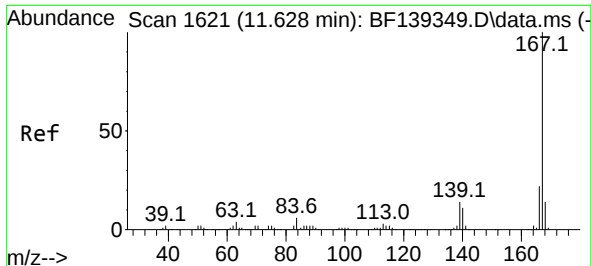
Supervised By :mohammad
ahmed
09/19/2024



#72
Anthracene
Concen: 50.819 ng
RT: 11.480 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

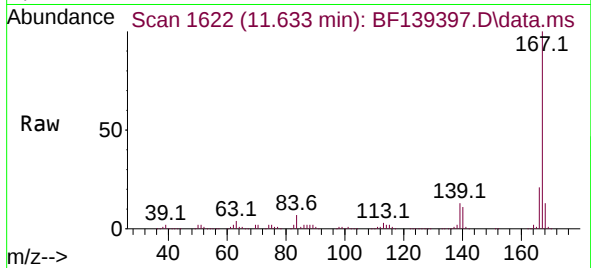
Tgt Ion:178 Resp: 647165
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.6
179 15.5 12.0 18.0





#73
 Carbazole
 Concen: 48.520 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139397.D
 Acq: 17 Sep 2024 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB163414BS

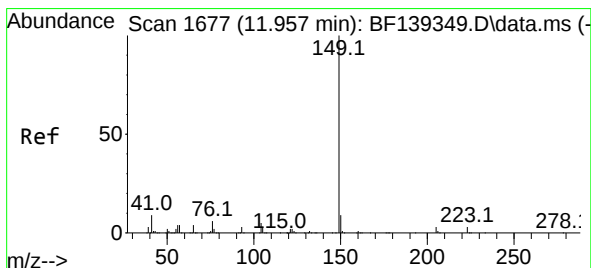
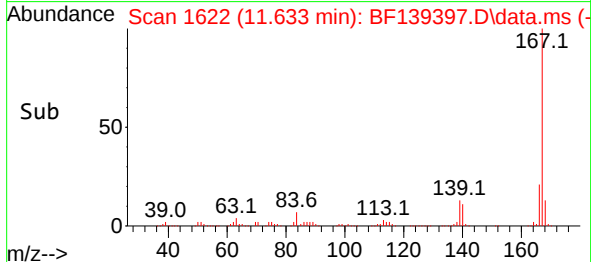
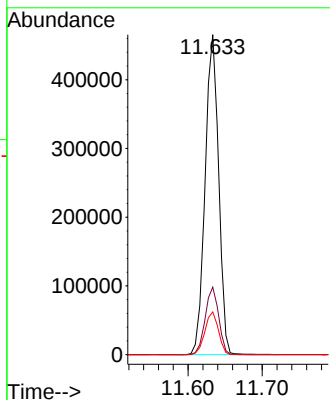


Tgt Ion:167 Resp: 591370
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.5 26.3
 139 13.4 10.9 16.3

Manual Integrations
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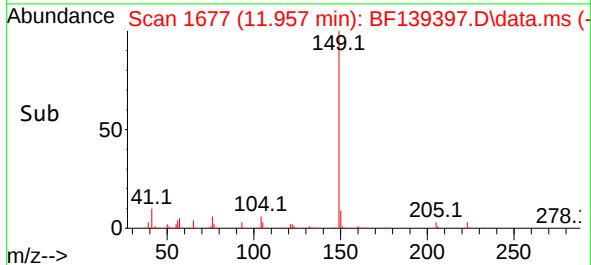
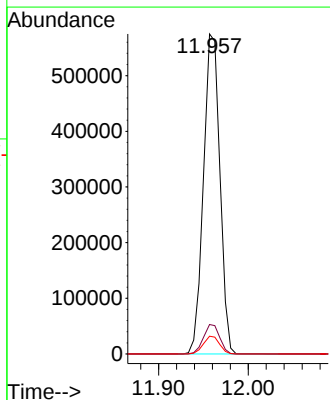
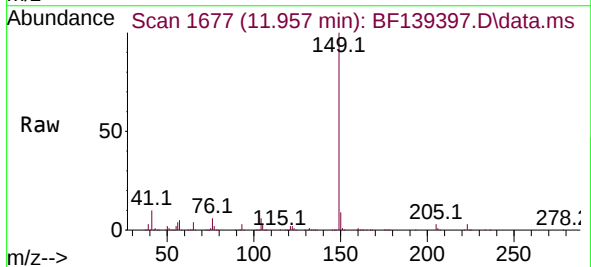
Reviewed By :Jagrut
 Upadhyay
 09/18/2024

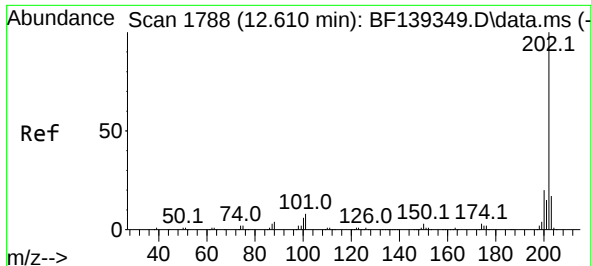
Supervised By :mohammad
 ahmed
 09/19/2024



#74
 Di-n-butylphthalate
 Concen: 53.762 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. -0.000 min
 Lab File: BF139397.D
 Acq: 17 Sep 2024 12:34

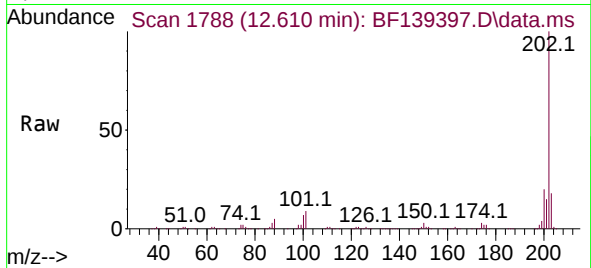
Tgt Ion:149 Resp: 729948
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.3 10.9
 104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 49.371 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

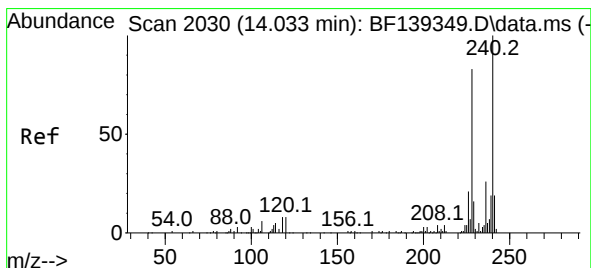
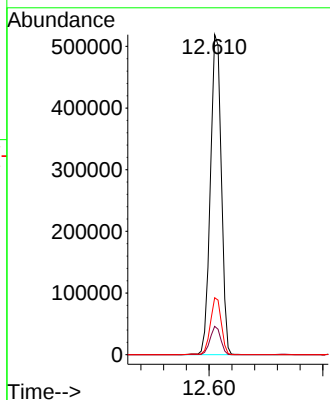


Tgt Ion:202 Resp: 68672
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.7
203 17.8 0.0 37.4

Manual Integrations
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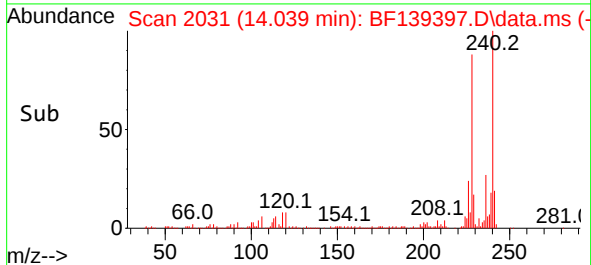
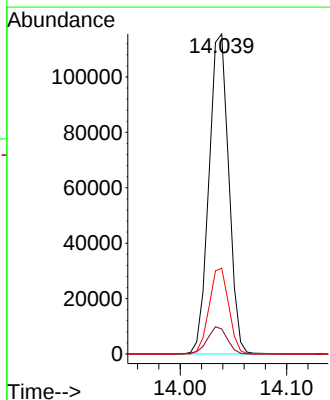
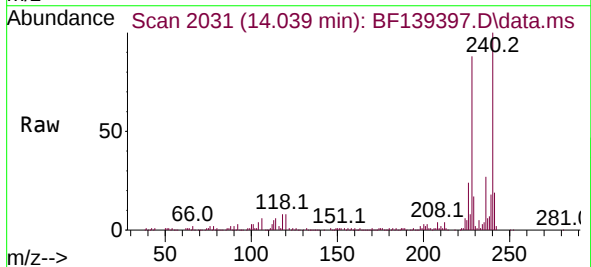
Reviewed By :Jagrut
Upadhyay
09/18/2024

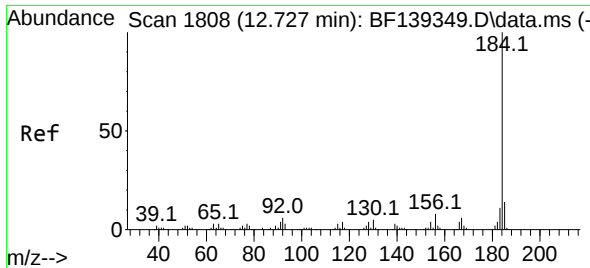
Supervised By :mohammad
ahmed
09/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

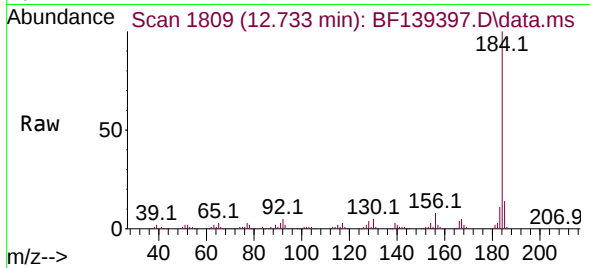
Tgt Ion:240 Resp: 148691
Ion Ratio Lower Upper
240 100
120 7.8 6.2 9.2
236 26.8 20.9 31.3





#77
Benzidine
Concen: 77.588 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

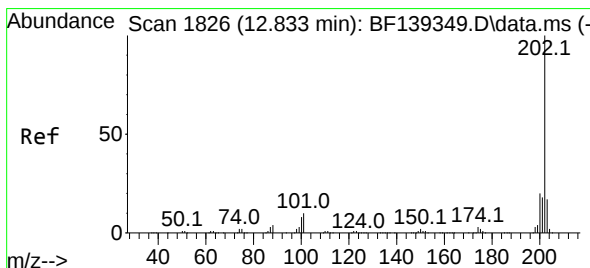
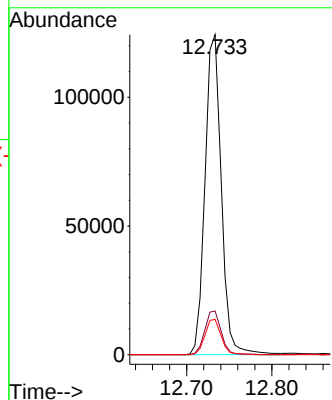


Tgt Ion:184 Resp: 165280
Ion Ratio Lower Upper
184 100
185 13.7 11.5 17.3
183 11.0 8.9 13.3

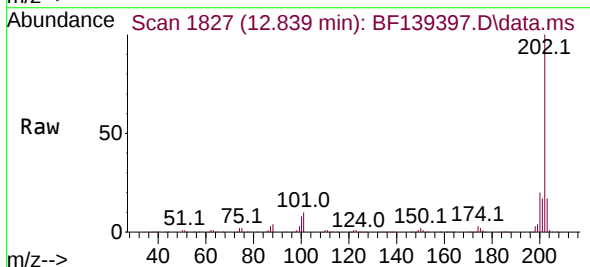
Manual Integrations
APPROVED

Reviewed By :Jagrut
Upadhyay
09/18/2024

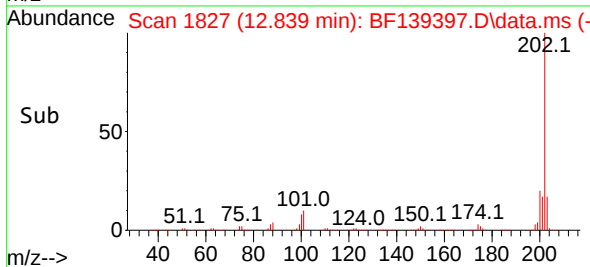
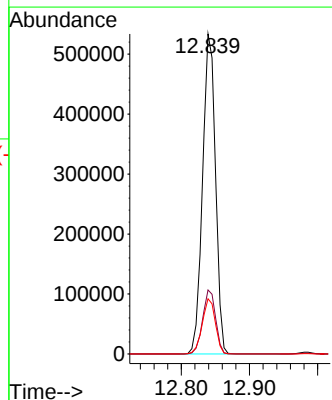
Supervised By :mohammad
ahmed
09/19/2024



#78
Pyrene
Concen: 55.069 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:202 Resp: 703072
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.3 13.9 20.9





#79

Terphenyl-d14

Concen: 111.103 ng

RT: 12.986 min Scan# 1851

Delta R.T. 0.006 min

Lab File: BF139397.D

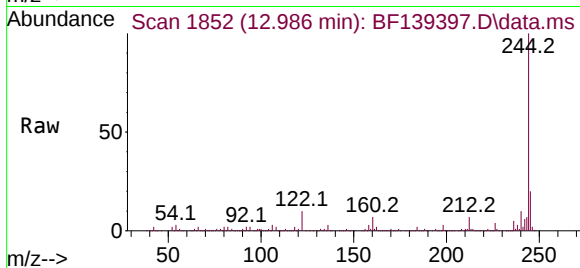
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:244 Resp: 100646

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.8 7.6 11.4

Manual Integrations

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Reviewed By :Jagrut

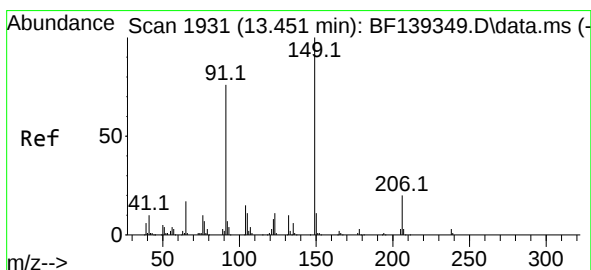
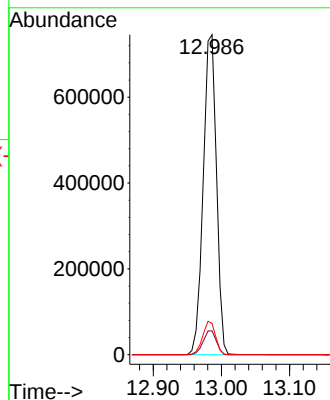
Upadhyay

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Supervised By :mohammad

ahmed

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#80

Butylbenzylphthalate

Concen: 61.137 ng

RT: 13.457 min Scan# 1932

Delta R.T. 0.006 min

Lab File: BF139397.D

Acq: 17 Sep 2024 12:34

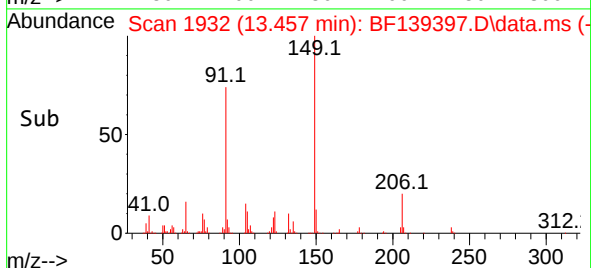
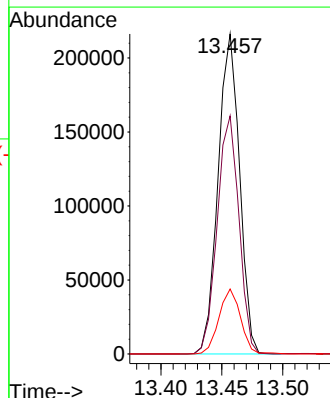
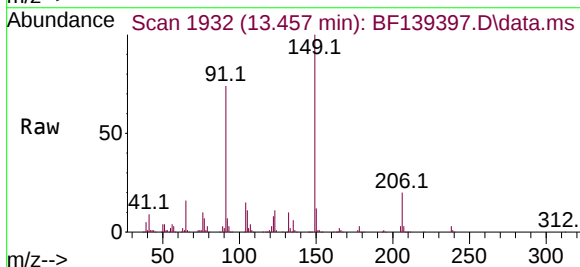
Tgt Ion:149 Resp: 265682

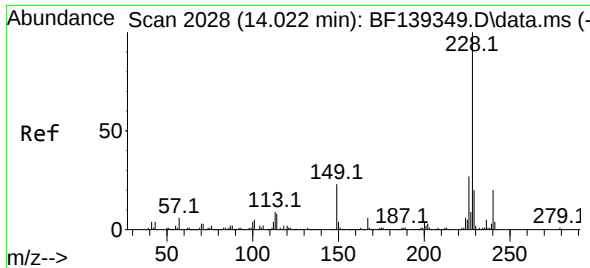
Ion Ratio Lower Upper

149 100

91 74.4 60.9 91.3

206 20.3 15.8 23.8





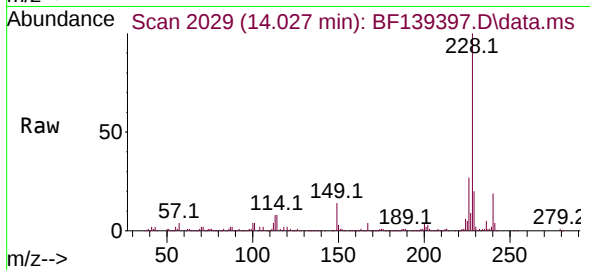
#81
Benzo(a)anthracene
Concen: 50.336 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:228 Resp: 495770
Ion Ratio Lower Upper
228 100
226 27.4 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations

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Reviewed By :Jagrut

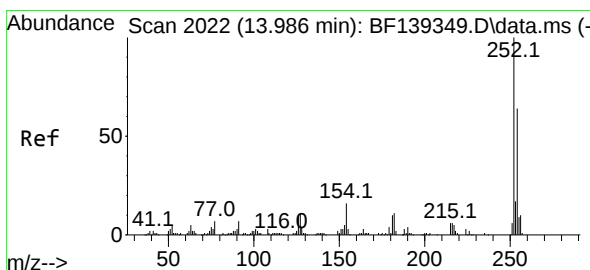
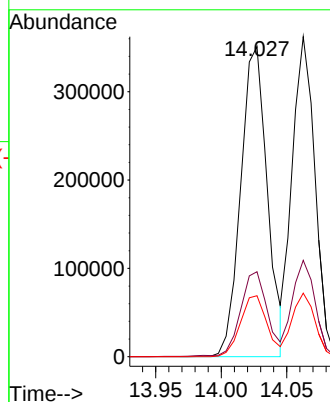
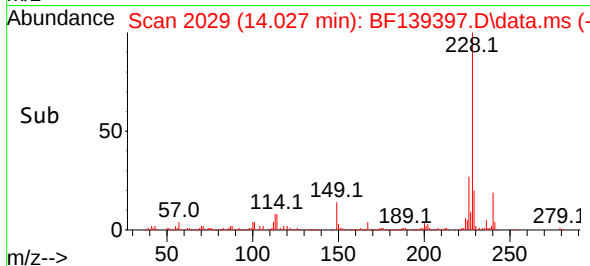
Upadhyay

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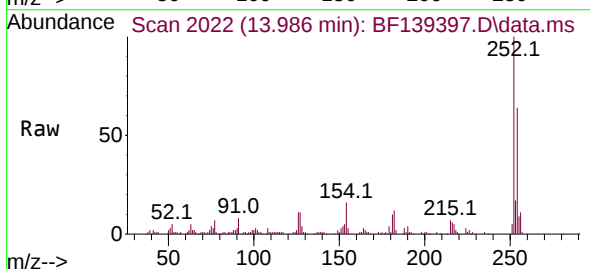
Supervised By :mohammad

ahmed

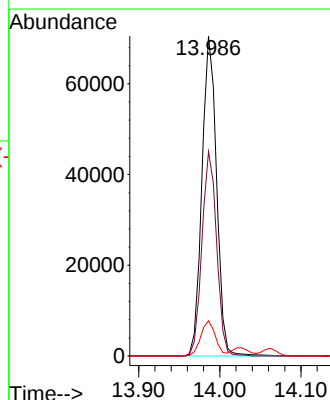
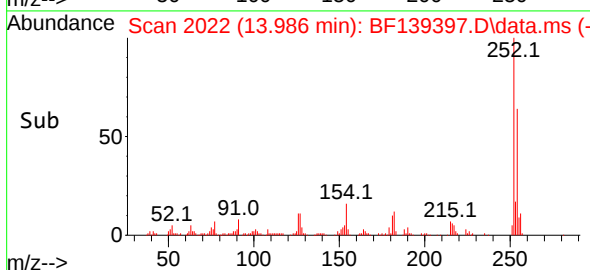
09/19/2024

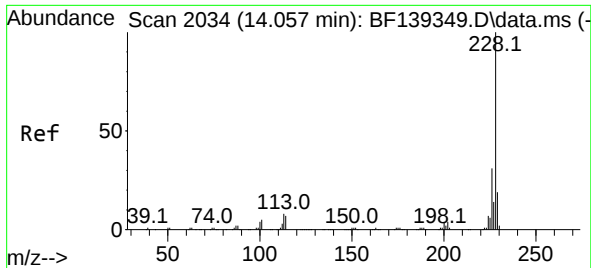


#82
3,3'-Dichlorobenzidine
Concen: 30.604 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:252 Resp: 88273
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.2
126 11.0 7.7 11.5





#83
Chrysene
Concen: 48.193 ng
RT: 14.063 min Scan# 2035
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

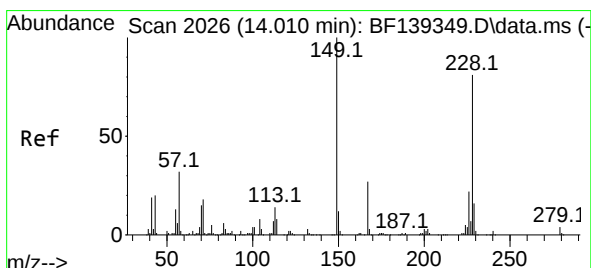
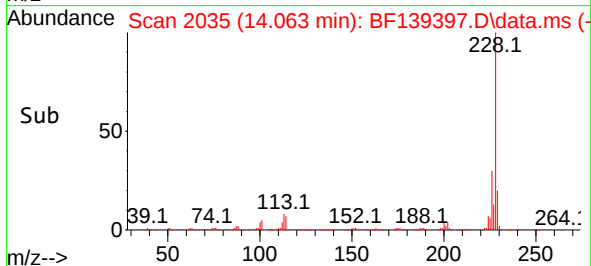
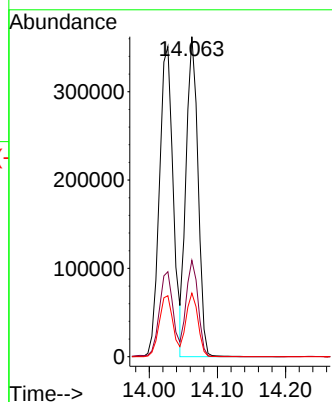
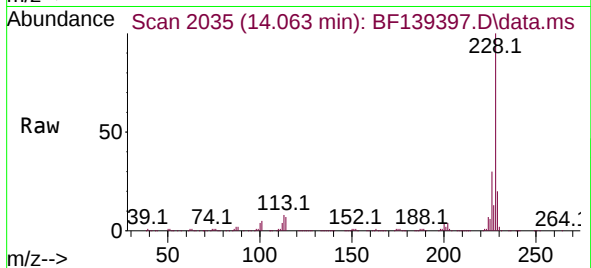
PB163414BS

Tgt Ion:228 Resp: 43669
Ion Ratio Lower Upper
228 100
226 30.1 24.1 36.1
229 19.9 15.4 23.0

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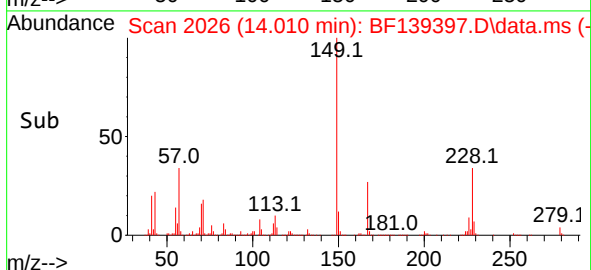
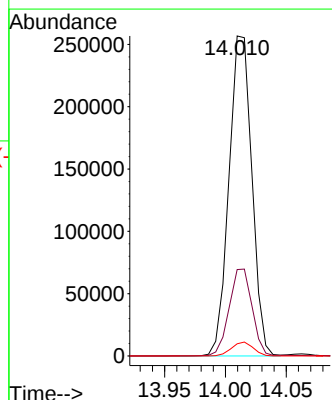
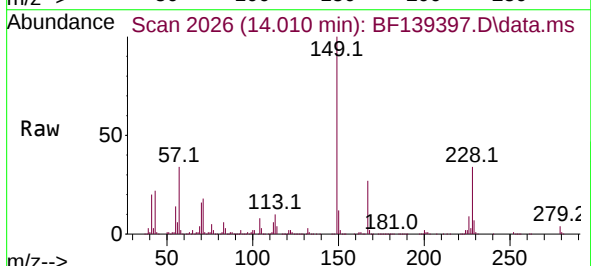
Reviewed By :Jagrut
Upadhyay
09/18/2024

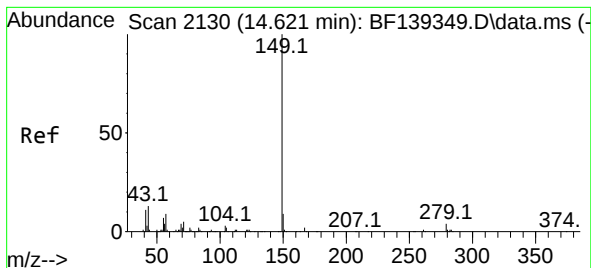
Supervised By :mohammad
ahmed
09/19/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 60.916 ng
RT: 14.010 min Scan# 2026
Delta R.T. -0.000 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

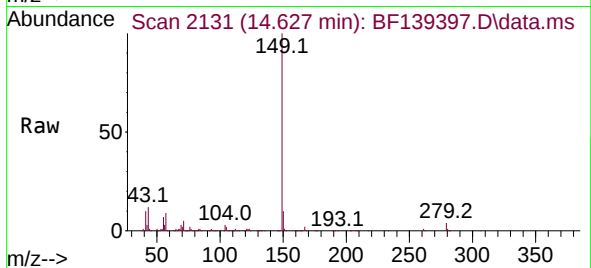
Tgt Ion:149 Resp: 336757
Ion Ratio Lower Upper
149 100
167 27.0 21.6 32.4
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 54.039 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :
BNA_F
ClientSampleId :
PB163414BS

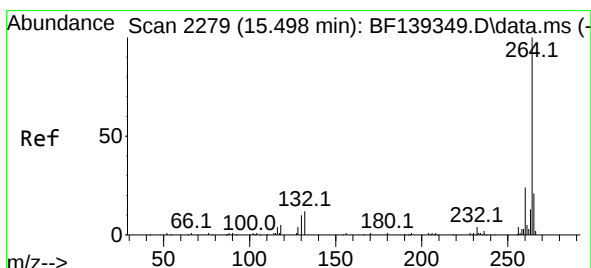
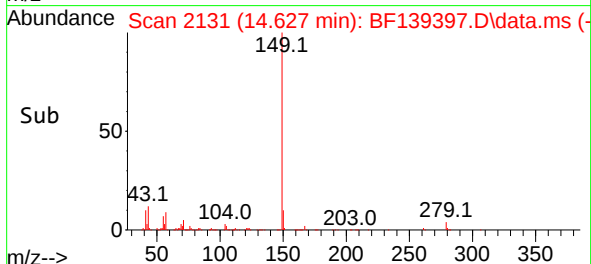
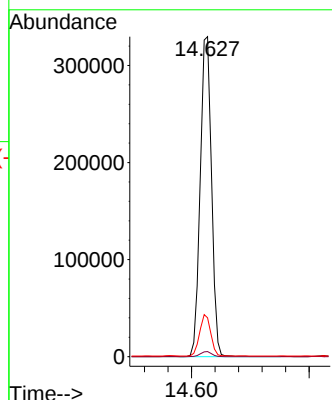


Tgt Ion:149 Resp: 439958
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.7 10.6 16.0

Manual Integrations
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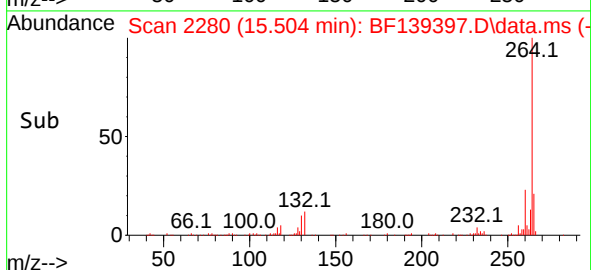
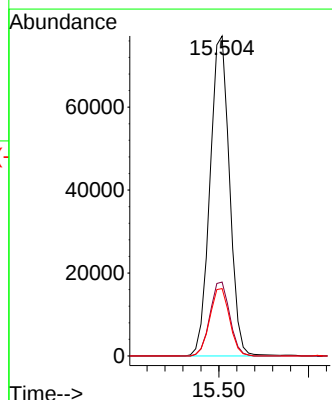
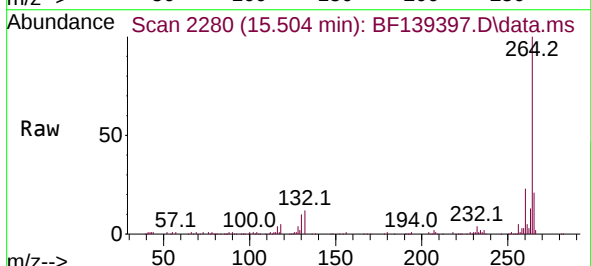
Reviewed By :Jagrut
Upadhyay
09/18/2024

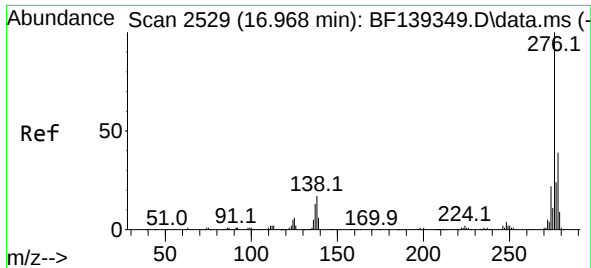
Supervised By :mohammad
ahmed
09/19/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Tgt Ion:264 Resp: 116282
Ion Ratio Lower Upper
264 100
260 23.1 19.5 29.3
265 21.1 16.6 25.0





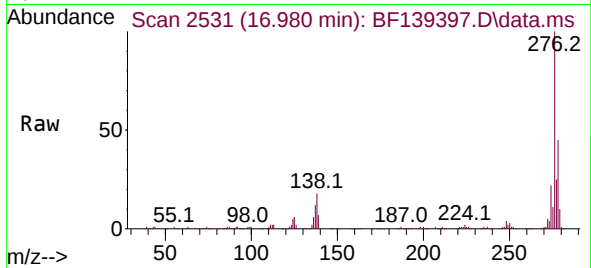
#87
Indeno(1,2,3-cd)pyrene
Concen: 54.619 ng
RT: 16.980 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:276 Resp: 377660
Ion Ratio Lower Upper
276 100
138 19.3 15.4 23.2
277 25.6 20.4 30.6

Manual Integrations

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Reviewed By :Jagrut

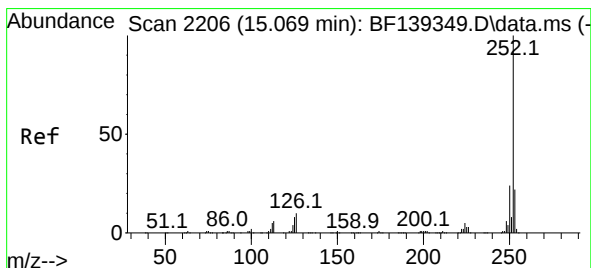
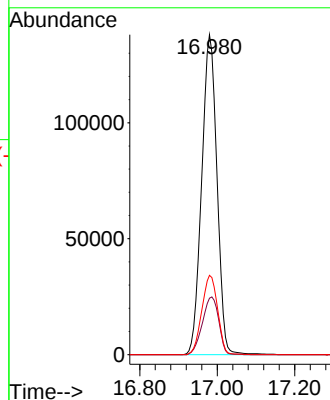
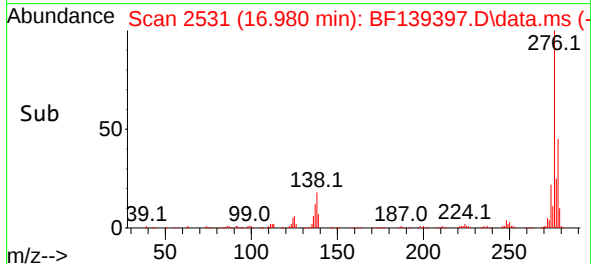
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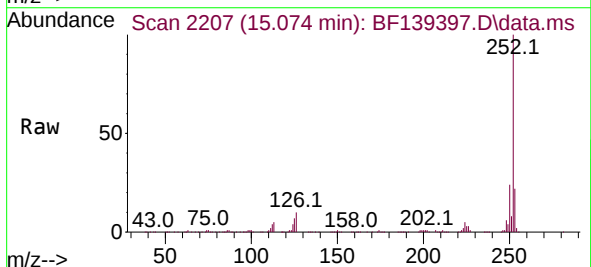
Supervised By :mohammad

ahmed

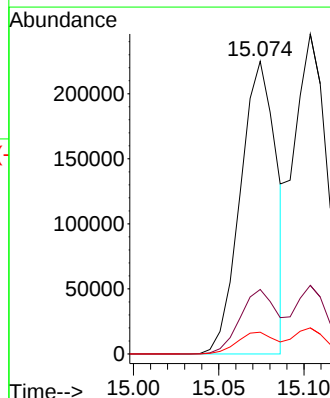
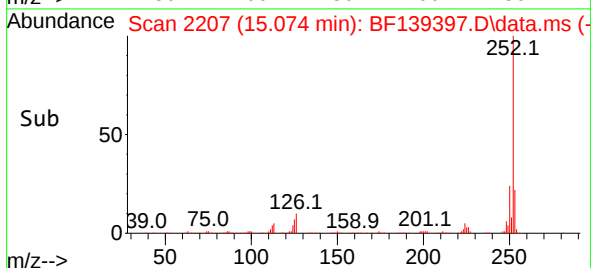
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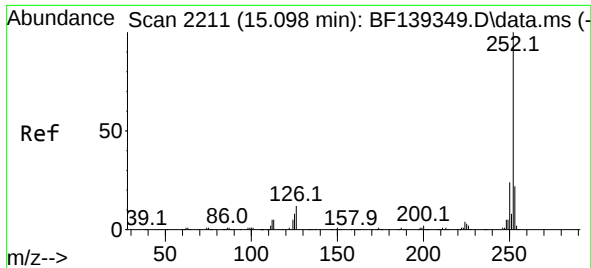


#88
Benzo(b)fluoranthene
Concen: 46.113 ng
RT: 15.074 min Scan# 2207
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:252 Resp: 330703
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 7.4 6.2 9.2





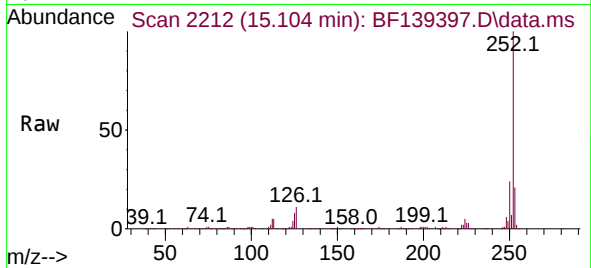
#89
Benzo(k)fluoranthene
Concen: 50.679 ng
RT: 15.104 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:252 Resp: 335108
Ion Ratio Lower Upper
252 100
253 21.4 17.3 25.9
125 8.2 5.9 8.9

Manual Integrations

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Reviewed By :Jagrut

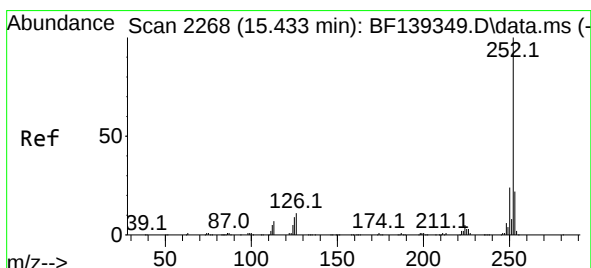
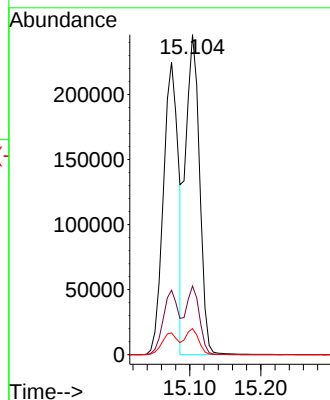
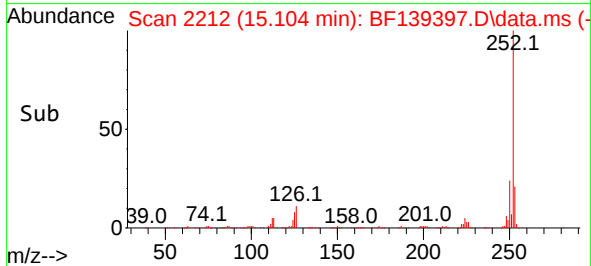
Upadhyay

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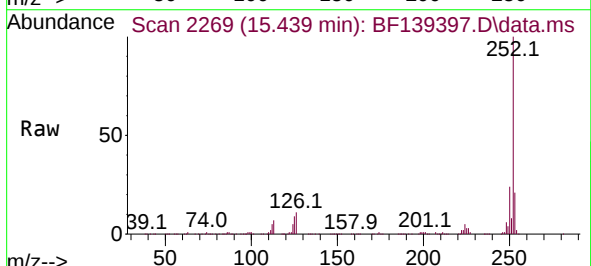
Supervised By :mohammad

ahmed

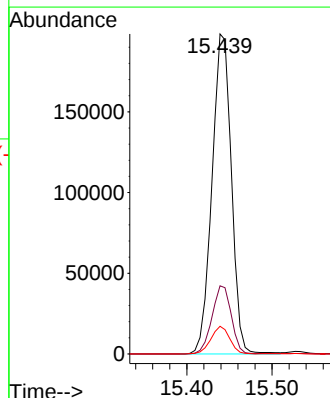
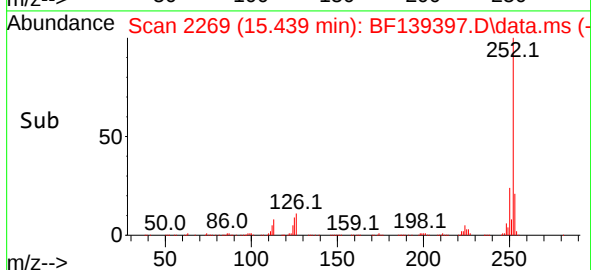
09/19/2024

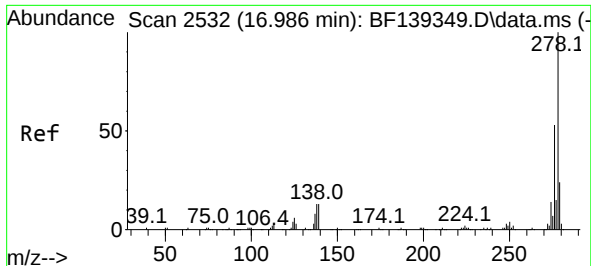


#90
Benzo(a)pyrene
Concen: 52.668 ng
RT: 15.439 min Scan# 2269
Delta R.T. 0.006 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:252 Resp: 313256
Ion Ratio Lower Upper
252 100
253 21.3 17.3 25.9
125 8.6 6.8 10.2





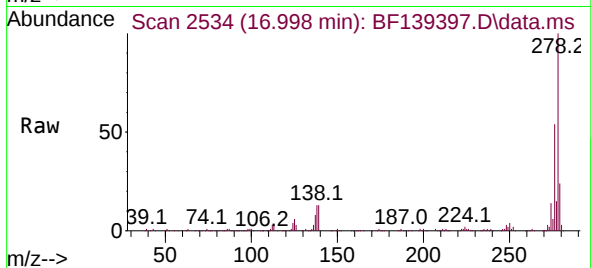
#91
Dibenzo(a,h)anthracene
Concen: 53.647 ng
RT: 16.998 min Scan# 2534
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34

Instrument :

BNA_F

ClientSampleId :

PB163414BS



Tgt Ion:278 Resp: 306515
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.2
279 24.1 18.9 28.3

Manual Integrations

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Reviewed By :Jagrut

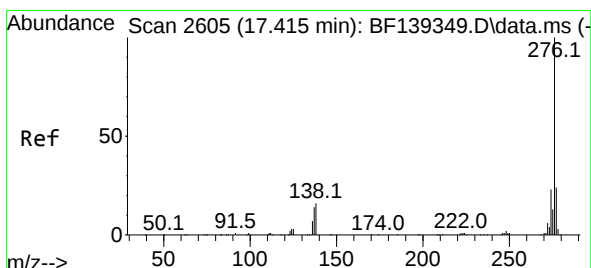
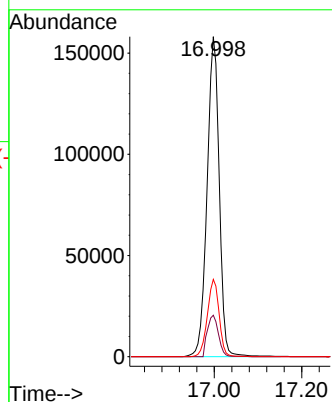
Upadhyay

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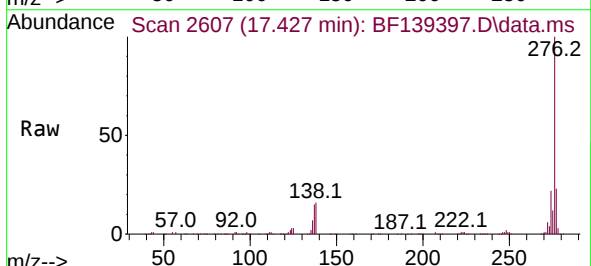
Supervised By :mohammad

ahmed

09/19/2024



#92
Benzo(g,h,i)perylene
Concen: 50.147 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139397.D
Acq: 17 Sep 2024 12:34



Tgt Ion:276 Resp: 283693
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 16.3 13.0 19.6

