

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139422.D
 Acq On : 18 Sep 2024 12:36
 Operator : RC/JU
 Sample : PB163372BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163372BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

Quant Time: Sep 18 13:19:20 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	75483	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	282399	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	155789	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	284295	20.000	ng	0.00
76) Chrysene-d12	14.039	240	147073	20.000	ng	0.00
86) Perylene-d12	15.504	264	135838	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	591780	127.896	ng	0.02
7) Phenol-d6	6.516	99	788377	129.810	ng	0.01
23) Nitrobenzene-d5	7.445	82	539615	89.831	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	220596	133.004	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1012998	91.197	ng	0.00
79) Terphenyl-d14	12.980	244	950187	106.044	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	63269	34.082	ng	99
3) Pyridine	3.516	79	166085	40.579	ng	97
4) n-Nitrosodimethylamine	3.475	42	143489	40.448	ng	93
6) Aniline	6.540	93	230326	50.253	ng	# 71
8) 2-Chlorophenol	6.663	128	212841	44.687	ng	100
9) Benzaldehyde	6.428	77	51061	14.552	ng	97
10) Phenol	6.528	94	281829	45.562	ng	89
11) bis(2-Chloroethyl)ether	6.616	93	201651	42.892	ng	99
12) 1,3-Dichlorobenzene	6.822	146	222539	41.083	ng	99
13) 1,4-Dichlorobenzene	6.898	146	229258	41.882	ng	99
14) 1,2-Dichlorobenzene	7.045	146	217466	42.044	ng	99
15) Benzyl Alcohol	7.022	79	218388	45.071	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	365346	50.424	ng	97
17) 2-Methylphenol	7.134	107	172965	45.707	ng	99
18) Hexachloroethane	7.393	117	88801	42.592	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	171067	47.532	ng	100
20) 3+4-Methylphenols	7.287	107	230089	44.566	ng	92
22) Acetophenone	7.287	105	312366	42.310	ng	97
24) Nitrobenzene	7.463	77	255792	41.374	ng	100
25) Isophorone	7.698	82	442047	46.530	ng	99
26) 2-Nitrophenol	7.775	139	113640	47.179	ng	97
27) 2,4-Dimethylphenol	7.816	122	177052	55.725	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	252039	46.550	ng	98
29) 2,4-Dichlorophenol	8.016	162	183620	45.492	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	194191	41.291	ng	99
31) Naphthalene	8.187	128	632097	42.875	ng	99
32) Benzoic acid	7.940	122	123175	41.426	ng	97
33) 4-Chloroaniline	8.228	127	142650	31.628	ng	100
34) Hexachlorobutadiene	8.298	225	133640	41.826	ng	99
35) Caprolactam	8.604	113	55664m	44.832	ng	
36) 4-Chloro-3-methylphenol	8.710	107	206095	44.677	ng	100
37) 2-Methylnaphthalene	8.875	142	415646	44.417	ng	100
38) 1-Methylnaphthalene	8.975	142	391671	42.632	ng	99
40) 1,2,4,5-Tetrachloroben...	9.039	216	202798	43.923	ng	98
41) Hexachlorocyclopentadiene	9.028	237	261586	162.264	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	139635	46.485	ng	98

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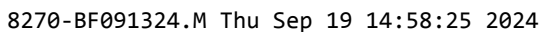
Quant Time: Sep 18 13:19:20 2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	140219	44.253	ng	98
46) 1,1'-Biphenyl	9.339	154	526979	43.969	ng	99
47) 2-Chloronaphthalene	9.363	162	390734	43.602	ng	99
48) 2-Nitroaniline	9.457	65	148568	44.573	ng	98
49) Acenaphthylene	9.781	152	641141	47.529	ng	100
50) Dimethylphthalate	9.639	163	462992	45.280	ng	100
51) 2,6-Dinitrotoluene	9.698	165	100407	44.326	ng	98
52) Acenaphthene	9.951	154	471974	50.131	ng	99
53) 3-Nitroaniline	9.869	138	75186	33.213	ng	96
54) 2,4-Dinitrophenol	9.975	184	122002	96.658	ng	94
55) Dibenzofuran	10.122	168	589071	44.891	ng	97
56) 4-Nitrophenol	10.034	139	157186	83.914	ng	89
57) 2,4-Dinitrotoluene	10.104	165	136057	44.490	ng	99
58) Fluorene	10.463	166	470840	43.976	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119476	45.582	ng	98
60) Diethylphthalate	10.339	149	479895	45.479	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	229009	44.012	ng	96
62) 4-Nitroaniline	10.486	138	100792	40.796	ng	94
63) Azobenzene	10.616	77	477578	46.017	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74660	49.758	ng	98
66) n-Nitrosodiphenylamine	10.575	169	395217	47.549	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	132947	47.190	ng	98
68) Hexachlorobenzene	11.010	284	148576	44.935	ng	99
69) Atrazine	11.098	200	128851	65.116	ng	98
70) Pentachlorophenol	11.204	266	172152	86.770	ng	100
71) Phenanthrene	11.428	178	634553	46.264	ng	99
72) Anthracene	11.480	178	651859	48.608	ng	100
73) Carbazole	11.633	167	564613	43.990	ng	99
74) Di-n-butylphthalate	11.957	149	708198	49.531	ng	99
75) Fluoranthene	12.610	202	632948	43.212	ng	99
77) Benzidine	12.733	184	156629	74.333	ng	100
78) Pyrene	12.839	202	636542	50.406	ng	100
80) Butylbenzylphthalate	13.457	149	230838	53.704	ng	97
81) Benzo(a)anthracene	14.027	228	465430	47.775	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	113027	39.617	ng	99
83) Chrysene	14.063	228	412753	46.052	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	300292	54.917	ng	100
85) Di-n-octyl phthalate	14.627	149	448271	55.666	ng	98
87) Indeno(1,2,3-cd)pyrene	16.980	276	405240	50.170	ng	99
88) Benzo(b)fluoranthene	15.074	252	421690	50.335	ng	100
89) Benzo(k)fluoranthene	15.104	252	333530	43.179	ng	98
90) Benzo(a)pyrene	15.445	252	355718	51.197	ng	100
91) Dibenzo(a,h)anthracene	16.998	278	332802	49.862	ng	99
92) Benzo(g,h,i)perylene	17.427	276	298711	45.200	ng	99

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

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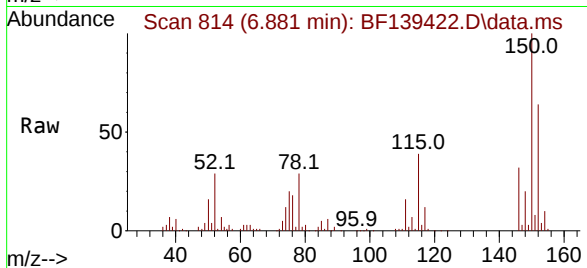
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

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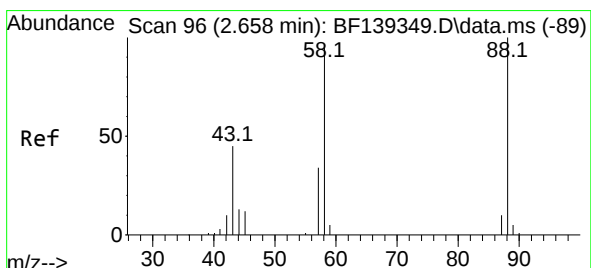
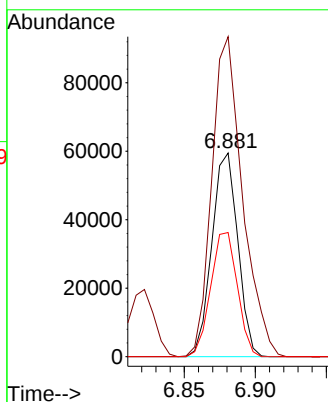
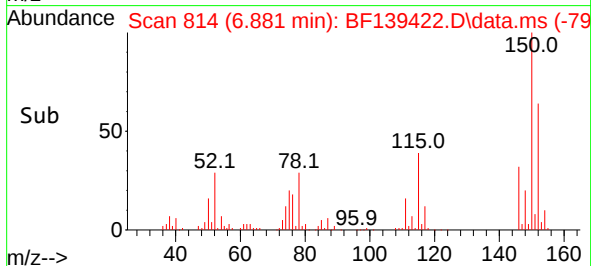


Tgt Ion:152 Resp: 7548
Ion Ratio Lower Upper
152 100
150 157.1 124.1 186.1
115 60.9 48.1 72.1

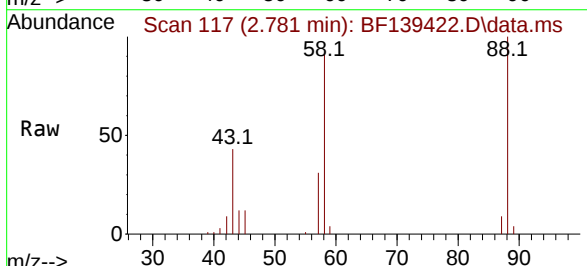
Manual Integrations

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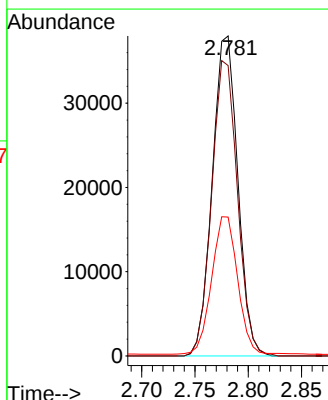
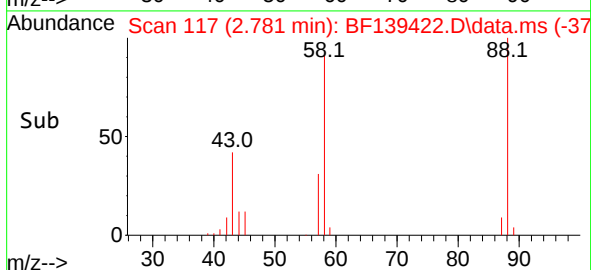
Reviewed By :Yogesh Patel 09/19/2024
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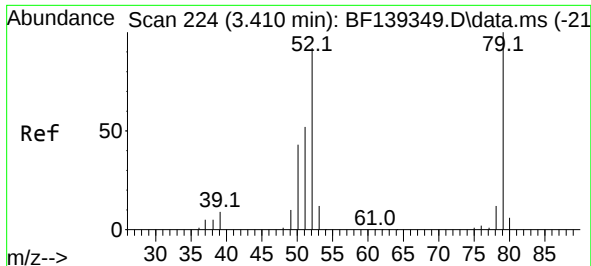


#2
1,4-Dioxane
Concen: 34.082 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.123 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



Tgt Ion: 88 Resp: 63269
Ion Ratio Lower Upper
88 100
58 93.2 74.8 112.2
43 44.0 36.4 54.6





#3

Pyridine

Concen: 40.579 ng

RT: 3.516 min Scan# 24

Delta R.T. 0.106 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

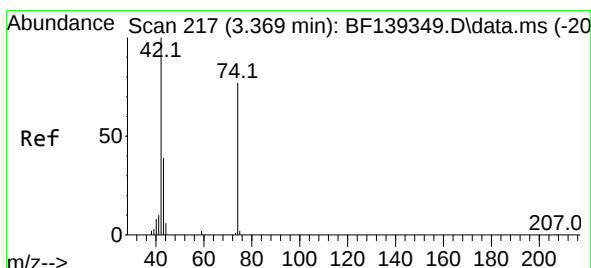
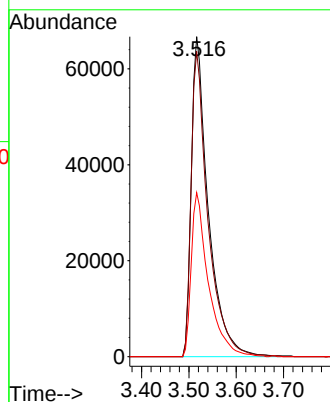
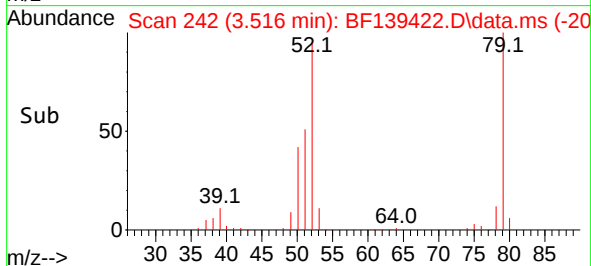
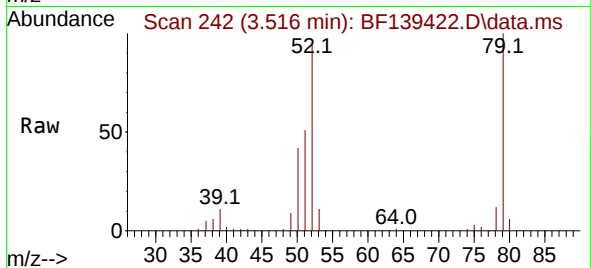
ClientSampleId :

PB163372BS

Tgt Ion: 79 Resp: 166089
 Ion Ratio Lower Upper
 79 100
 52 95.4 73.8 110.8
 51 51.2 41.8 62.6

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#4

n-Nitrosodimethylamine

Concen: 40.448 ng

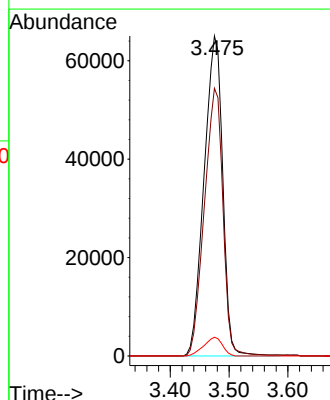
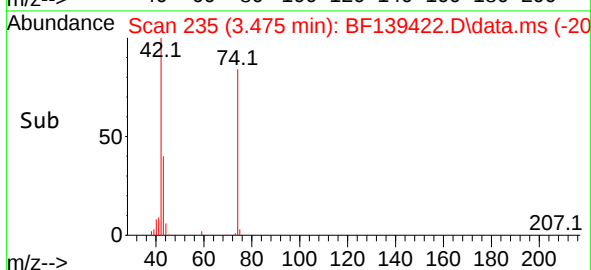
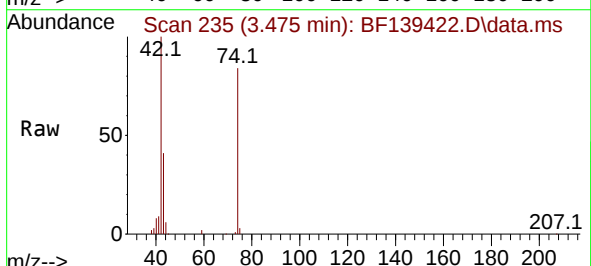
RT: 3.475 min Scan# 235

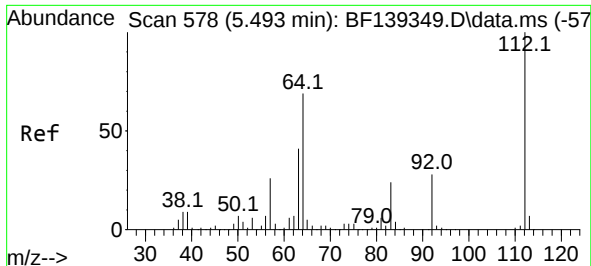
Delta R.T. 0.106 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion: 42 Resp: 143489
 Ion Ratio Lower Upper
 42 100
 74 83.7 61.8 92.8
 44 5.9 4.8 7.2





#5
2-Fluorophenol
Concen: 127.896 ng
RT: 5.510 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

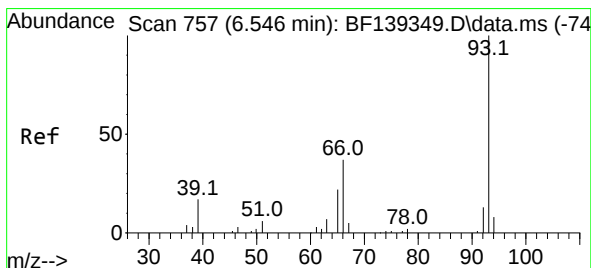
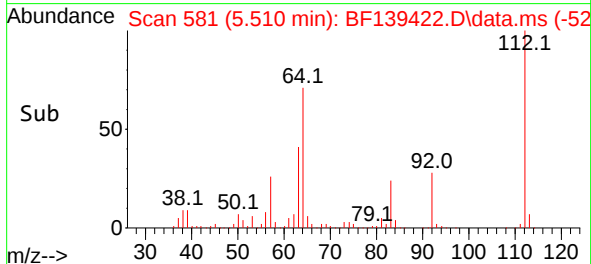
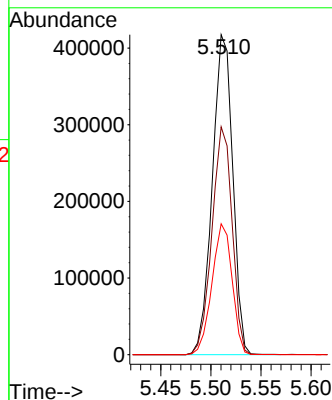
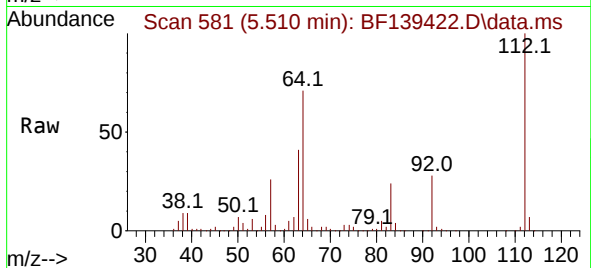
PB163372BS

Tgt Ion:112 Resp: 591780
Ion Ratio Lower Upper
112 100
64 71.2 54.8 82.2
63 40.9 33.0 49.4

Manual Integrations

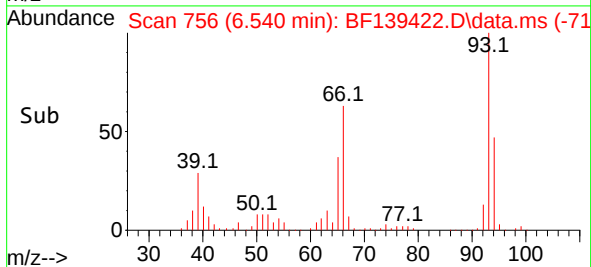
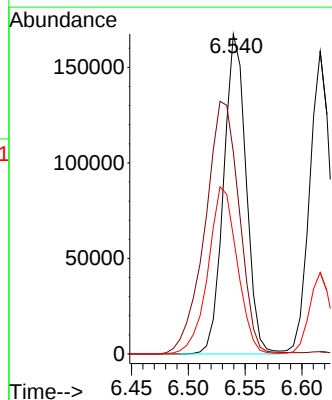
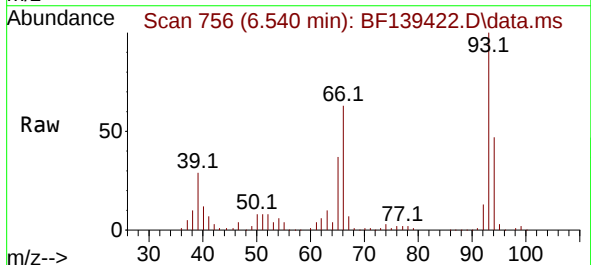
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#6
Aniline
Concen: 50.253 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 93 Resp: 230326
Ion Ratio Lower Upper
93 100
66 63.1 35.4 53.0#
65 36.7 18.2 27.4#





#7

Phenol-d6

Concen: 129.810 ng

RT: 6.516 min Scan# 750

Delta R.T. 0.012 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

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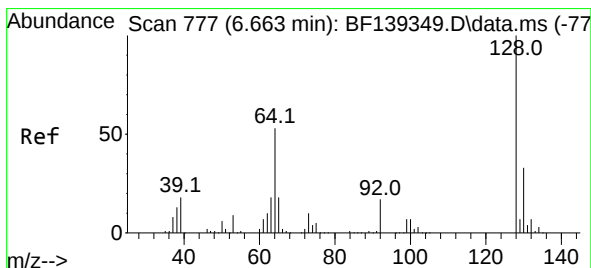
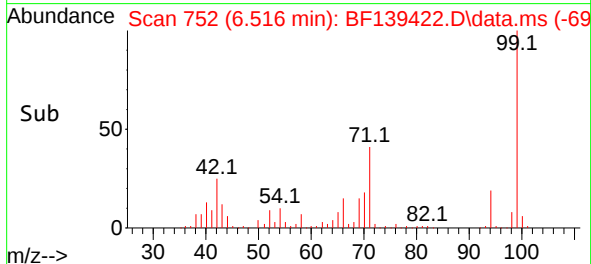
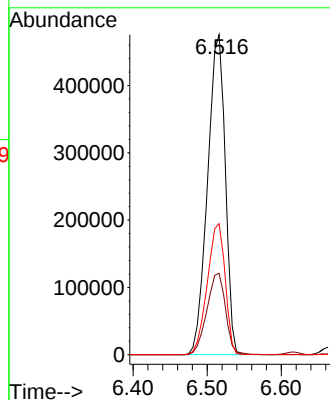
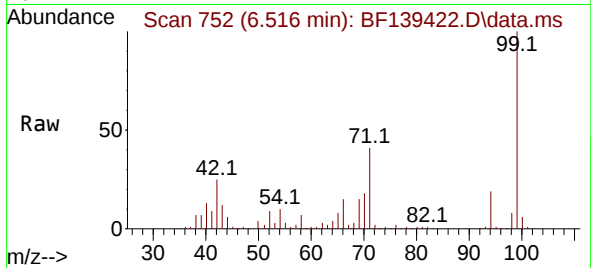
Tgt Ion: 99 Resp: 78837
 Ion Ratio Lower Upper
 99 100
 42 25.4 21.9 32.9
 71 40.9 34.6 52.0

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#8

2-Chlorophenol

Concen: 44.687 ng

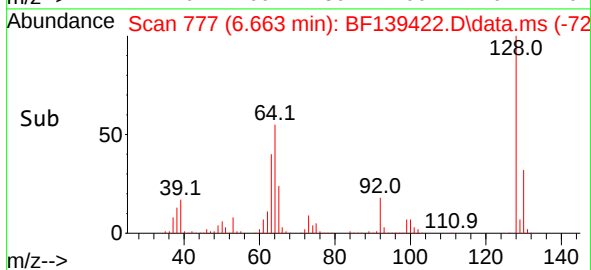
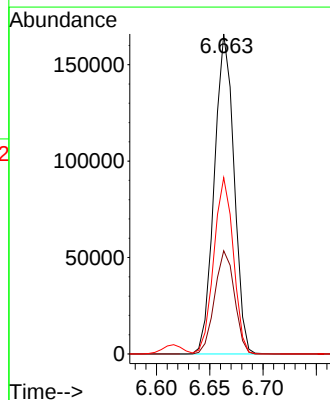
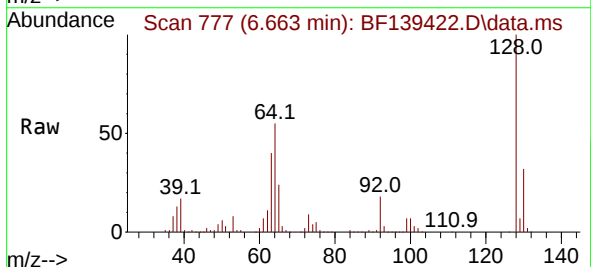
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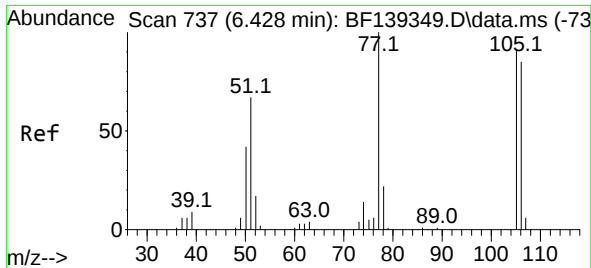
Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:128 Resp: 212841
 Ion Ratio Lower Upper
 128 100
 130 32.2 12.8 52.8
 64 55.1 35.1 75.1





#9

Benzaldehyde

Concen: 14.552 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 5106

Ion Ratio Lower Upper

77 100

105 92.9 71.0 111.0

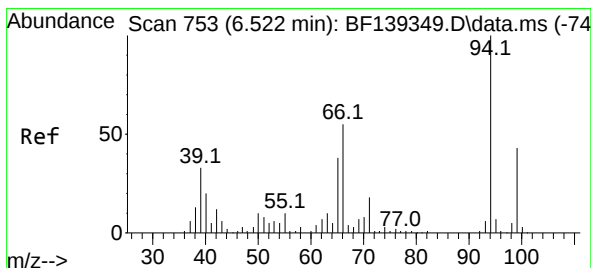
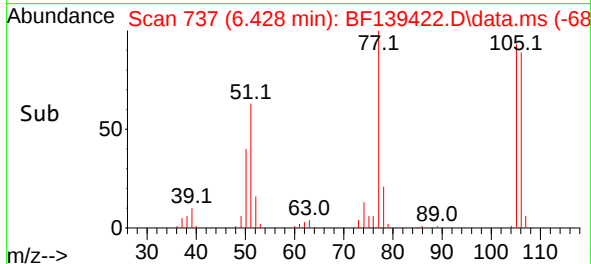
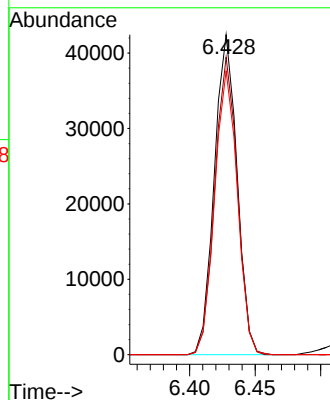
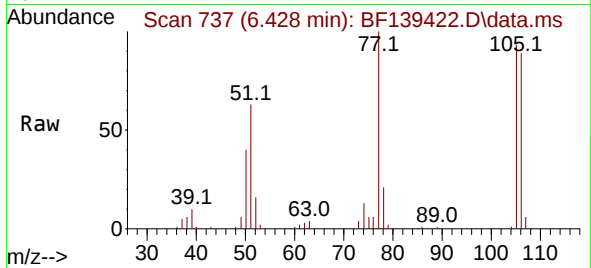
106 88.7 64.9 104.9

Manual Integrations

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Supervised By :mohammad ahmed 09/20/2024



#10

Phenol

Concen: 45.562 ng

RT: 6.528 min Scan# 754

Delta R.T. 0.006 min

Lab File: BF139422.D

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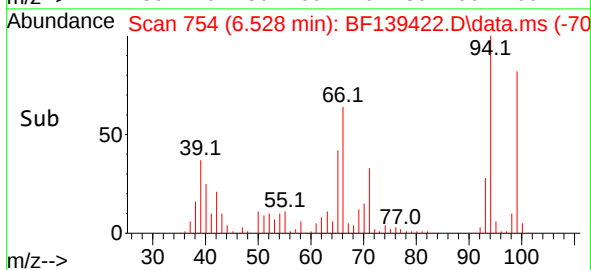
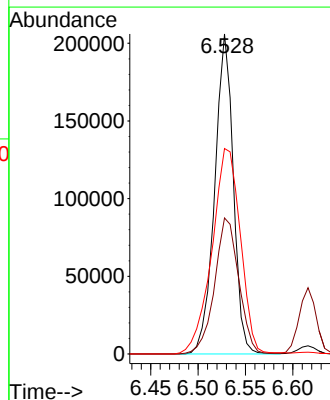
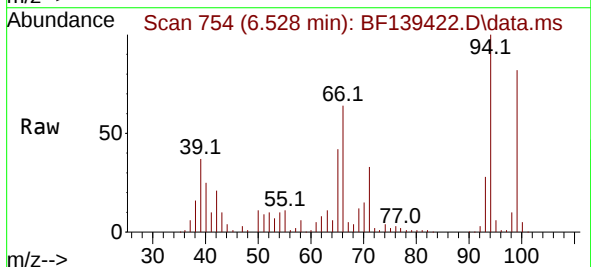
Tgt Ion: 94 Resp: 281829

Ion Ratio Lower Upper

94 100

65 42.5 17.6 57.6

66 64.2 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 42.892 ng
RT: 6.616 min Scan# 769
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

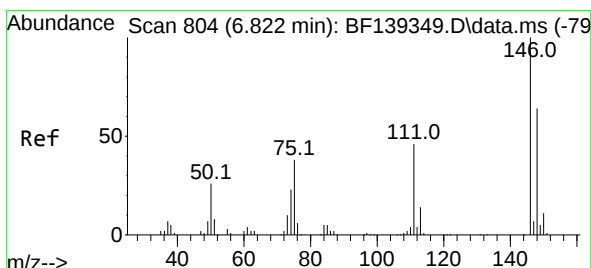
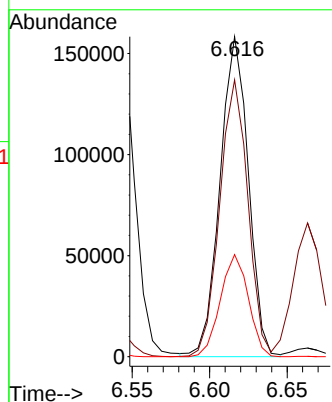
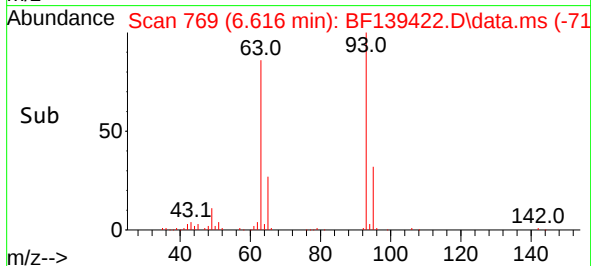
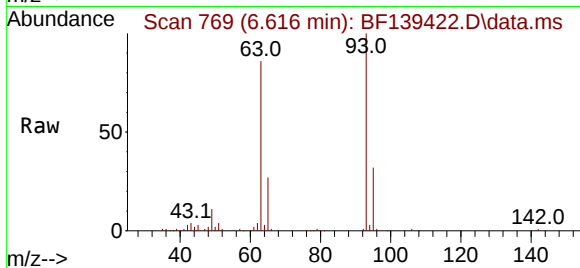
ClientSampleId :

PB163372BS

Tgt Ion: 93 Resp: 20165
Ion Ratio Lower Upper
93 100
63 86.5 65.3 105.3
95 31.9 12.4 52.4

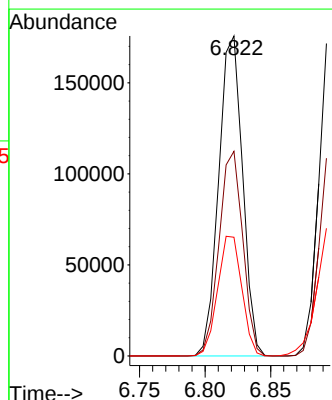
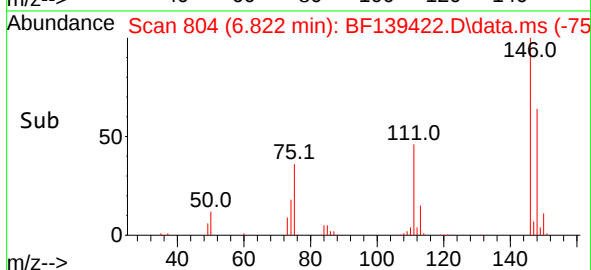
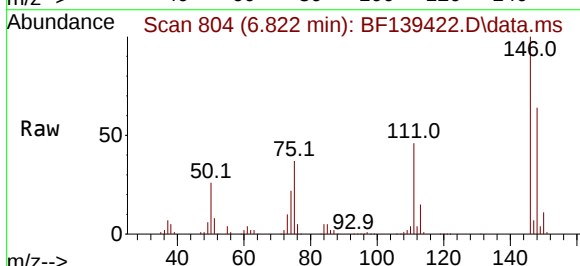
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#12
1,3-Dichlorobenzene
Concen: 41.083 ng
RT: 6.822 min Scan# 804
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:146 Resp: 222539
Ion Ratio Lower Upper
146 100
148 64.0 51.2 76.8
75 37.1 30.6 46.0





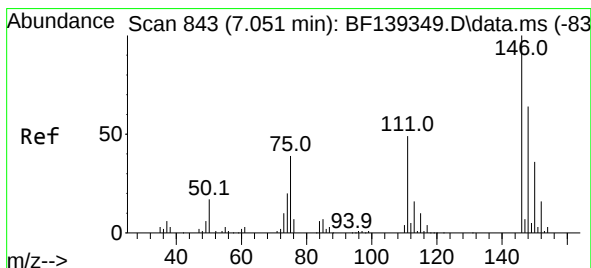
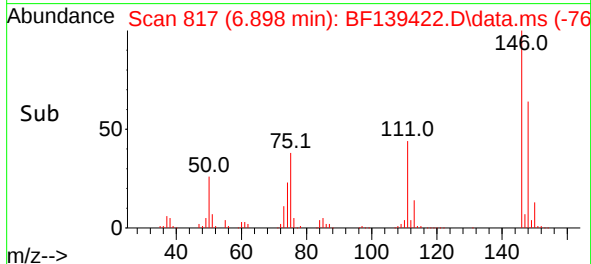
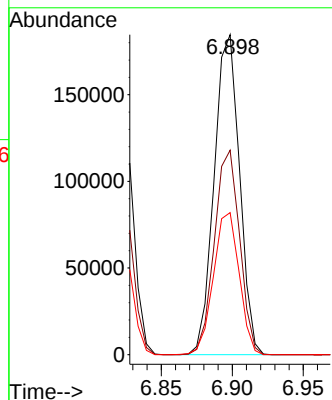
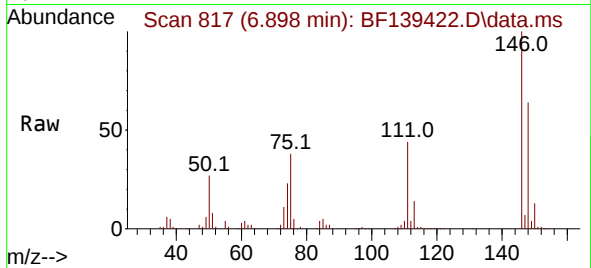
#13
1,4-Dichlorobenzene
Concen: 41.882 ng
RT: 6.898 min Scan# 817
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :
BNA_F
ClientSampleId :
PB163372BS

Tgt Ion:146 Resp: 229258
Ion Ratio Lower Upper
146 100
148 63.9 50.9 76.3
111 44.4 36.3 54.5

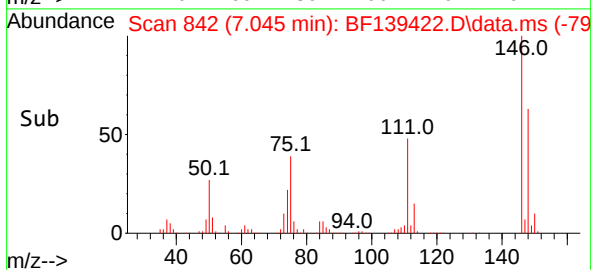
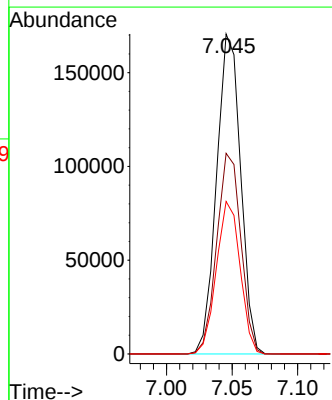
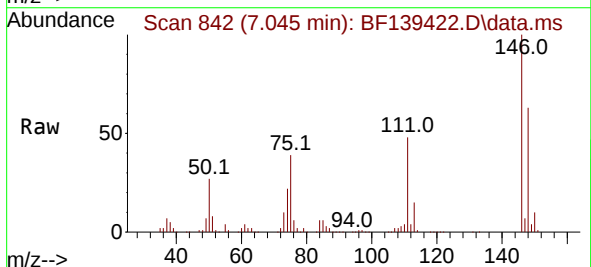
Manual Integrations
APPROVED

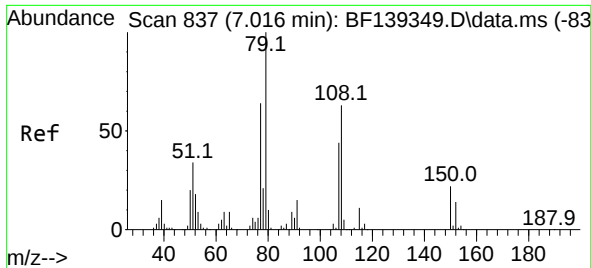
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#14
1,2-Dichlorobenzene
Concen: 42.044 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

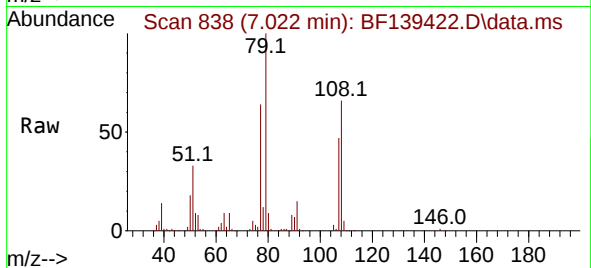
Tgt Ion:146 Resp: 217466
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
111 47.7 38.9 58.3





#15
Benzyl Alcohol
Concen: 45.071 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

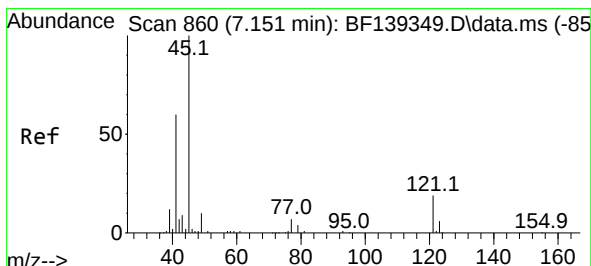
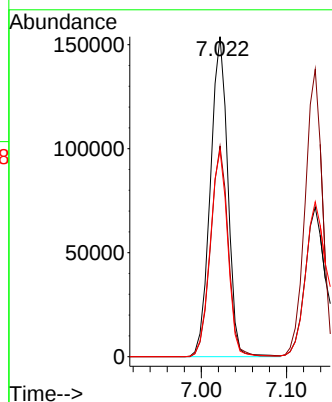
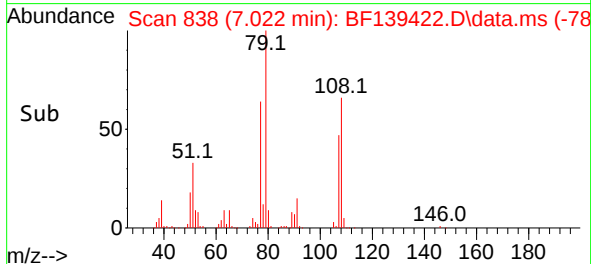
Instrument :
BNA_F
ClientSampleId :
PB163372BS



Tgt Ion: 79 Resp: 21838
Ion Ratio Lower Upper
79 100
108 65.8 50.4 75.6
77 64.5 51.4 77.2

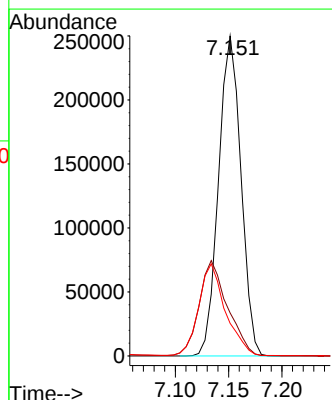
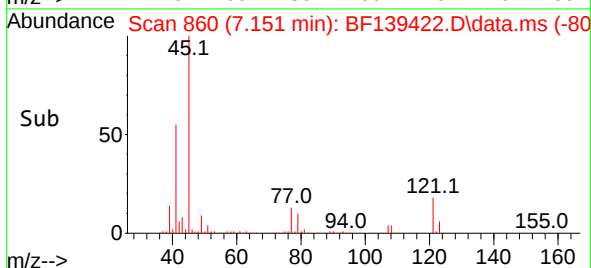
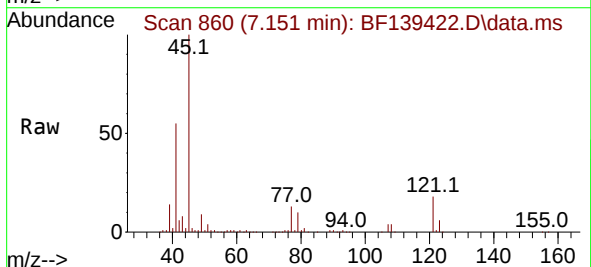
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.424 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 45 Resp: 365346
Ion Ratio Lower Upper
45 100
77 13.5 0.0 32.0
79 10.2 0.0 29.1





#17
2-Methylphenol
Concen: 45.707 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

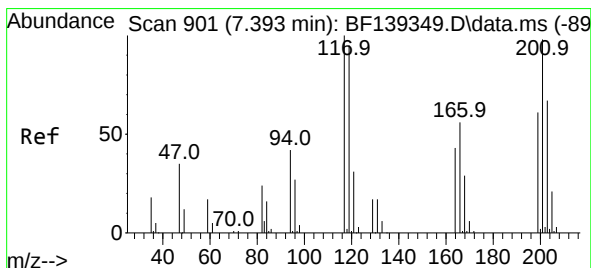
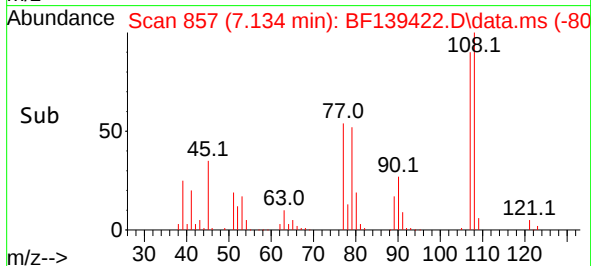
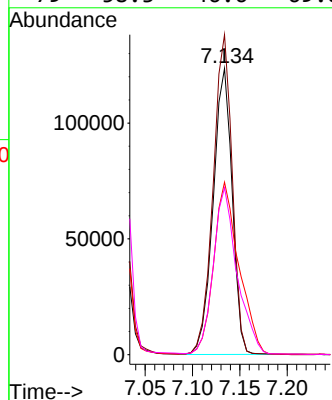
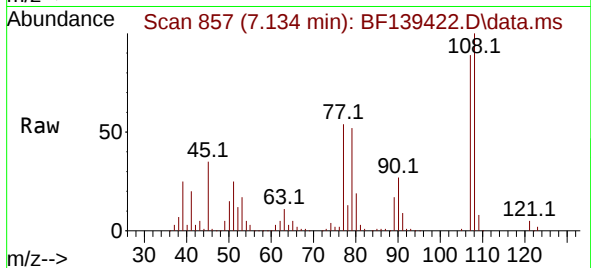
ClientSampleId :

PB163372BS

Tgt Ion:107 Resp: 17296
Ion Ratio Lower Upper
107 100
108 111.8 90.5 135.7
77 60.2 47.1 70.7
79 58.3 46.6 69.8

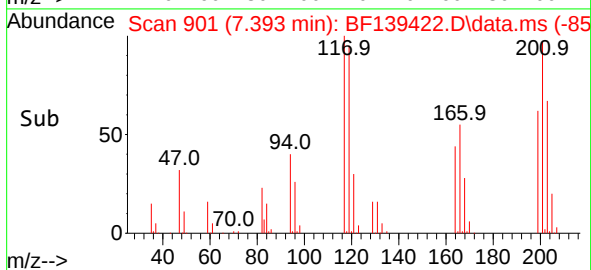
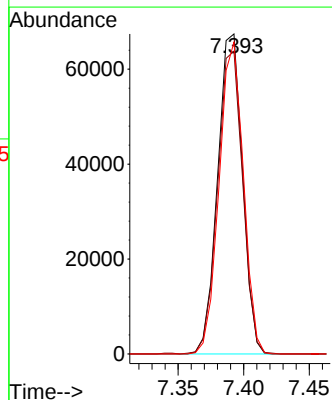
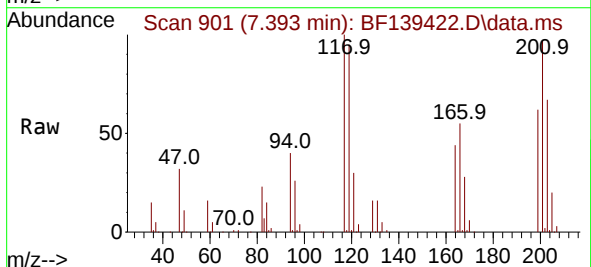
Manual Integrations
APPROVED

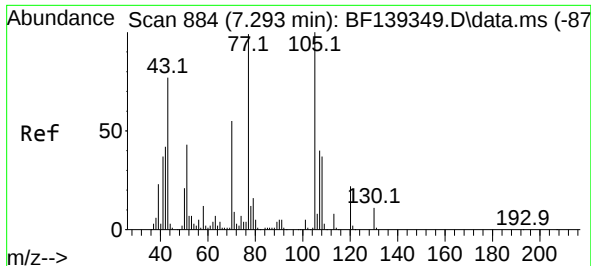
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 42.592 ng
RT: 7.393 min Scan# 901
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:117 Resp: 88801
Ion Ratio Lower Upper
117 100
119 94.7 75.8 113.8
201 97.4 78.6 118.0





#19
n-Nitroso-di-n-propylamine
Concen: 47.532 ng
RT: 7.293 min Scan# 884
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

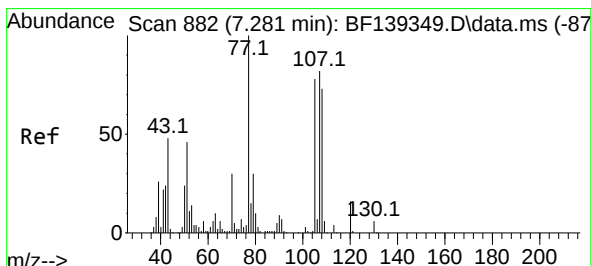
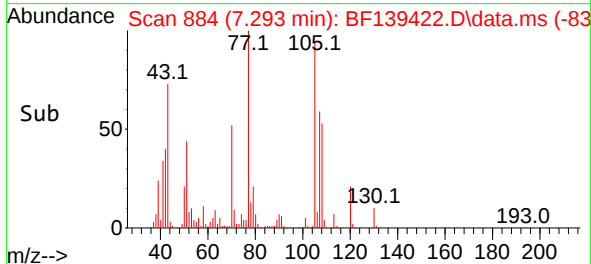
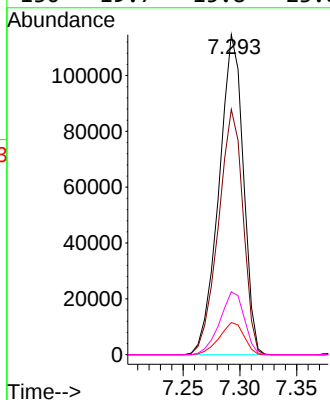
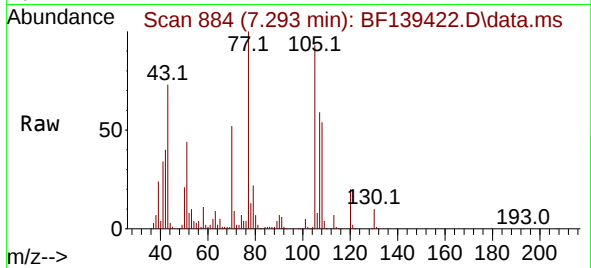
ClientSampleId :

PB163372BS

Tgt Ion: 70 Resp: 17106
Ion Ratio Lower Upper
70 100
42 76.6 61.2 91.8
101 10.0 7.5 11.3
130 19.7 15.8 23.8

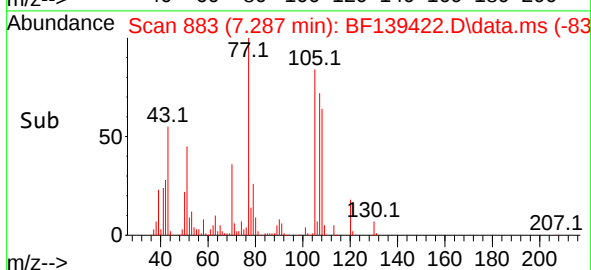
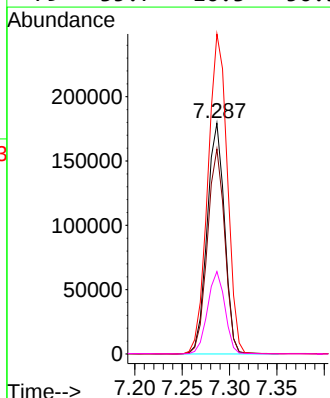
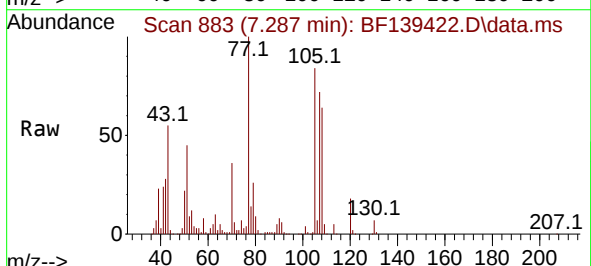
Manual Integrations
APPROVED

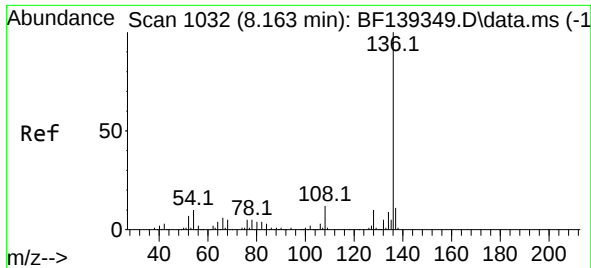
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#20
3+4-Methylphenols
Concen: 44.566 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:107 Resp: 230089
Ion Ratio Lower Upper
107 100
108 88.9 68.6 108.6
77 138.7 101.6 141.6
79 35.7 16.3 56.3





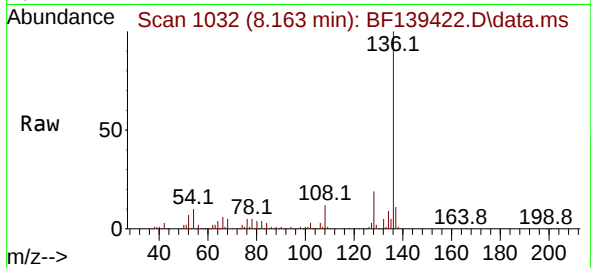
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

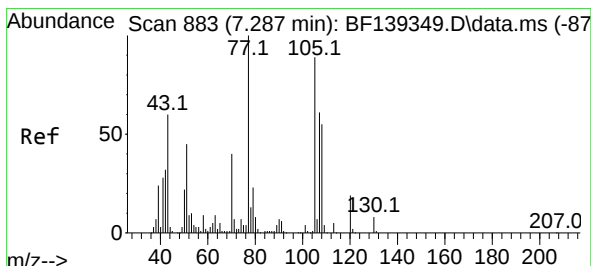
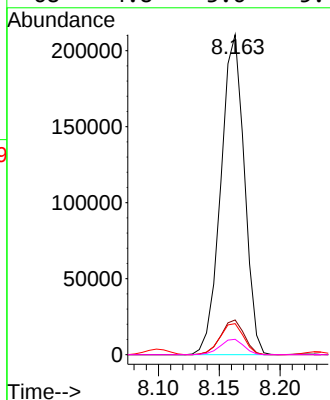
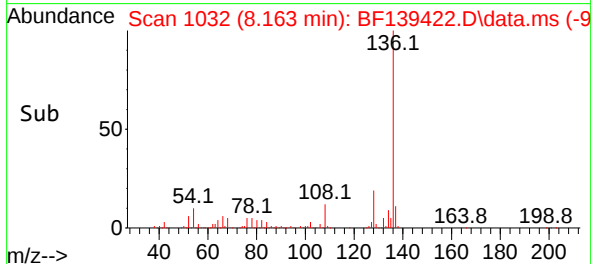


Tgt Ion:136 Resp: 282395
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.7 7.8 11.8
68 4.8 3.6 5.4

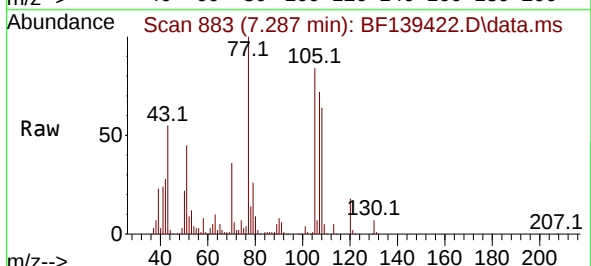
Manual Integrations

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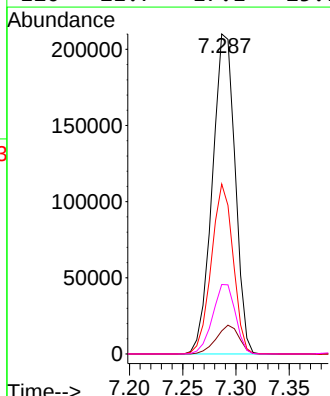
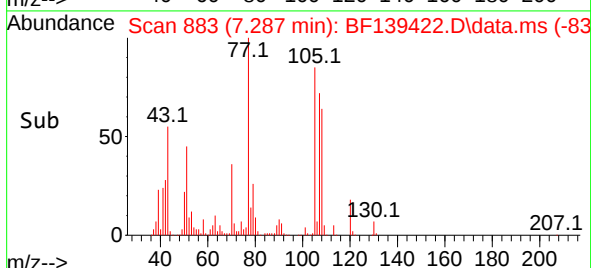
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 42.310 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



Tgt Ion:105 Resp: 312366
Ion Ratio Lower Upper
105 100
71 7.2 5.9 8.9
51 53.1 40.0 60.0
120 21.7 17.1 25.7





#23

Nitrobenzene-d5

Concen: 89.831 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion: 82 Resp: 53961

Ion Ratio Lower Upper

82 100

128 39.3 31.8 47.6

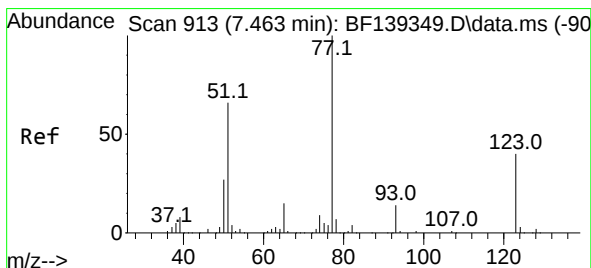
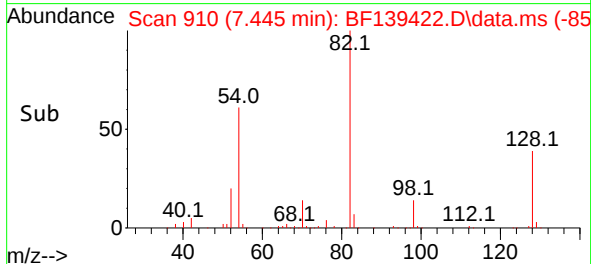
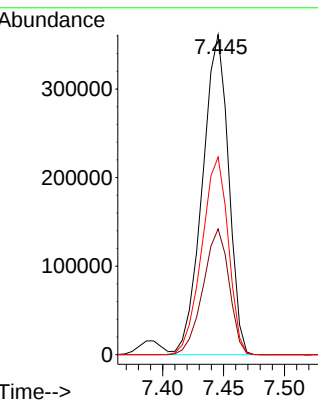
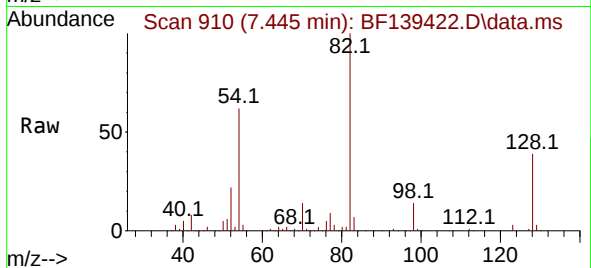
54 61.7 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#24

Nitrobenzene

Concen: 41.374 ng

RT: 7.463 min Scan# 913

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

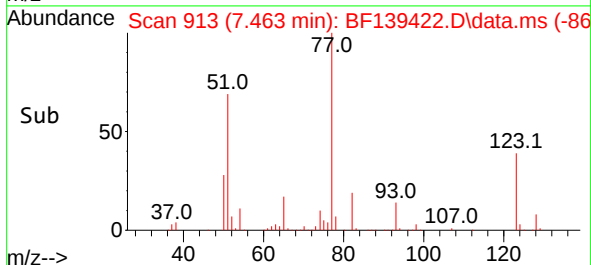
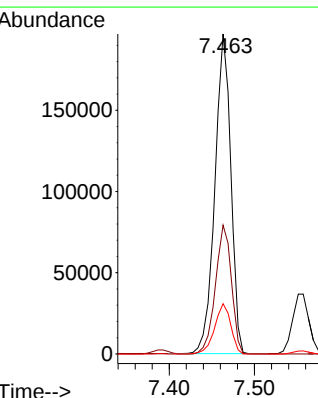
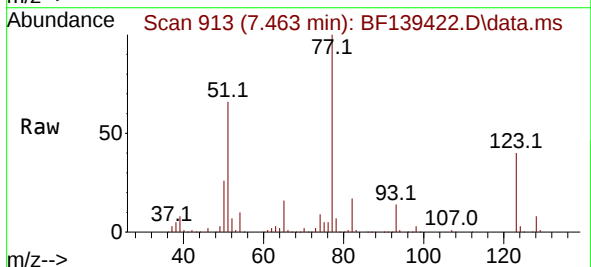
Tgt Ion: 77 Resp: 255792

Ion Ratio Lower Upper

77 100

123 40.3 32.2 48.4

65 15.7 12.2 18.4





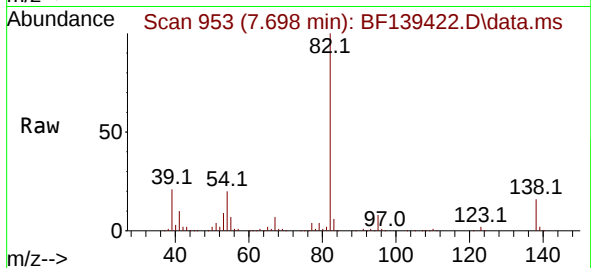
#25
Isophorone
Concen: 46.530 ng
RT: 7.698 min Scan# 953
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

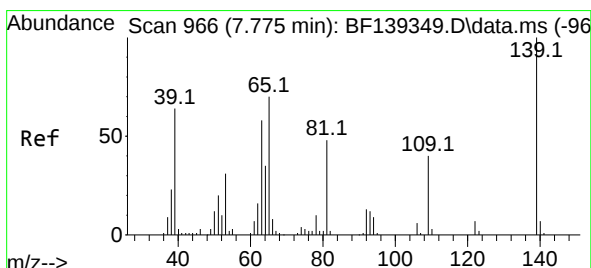
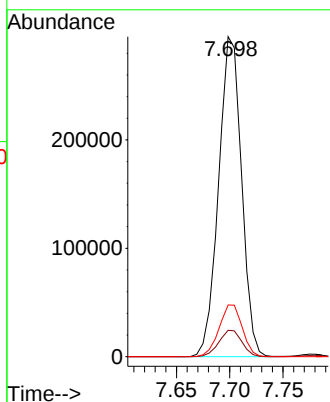
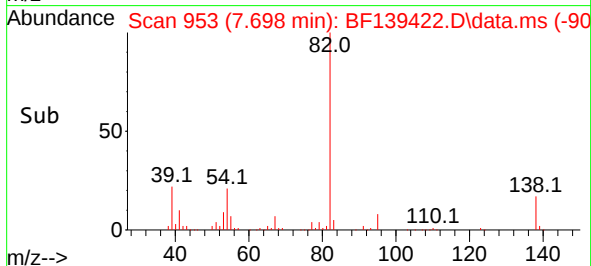


Tgt Ion: 82 Resp: 44204
Ion Ratio Lower Upper
82 100
95 8.3 6.7 10.1
138 16.1 13.3 19.9

Manual Integrations

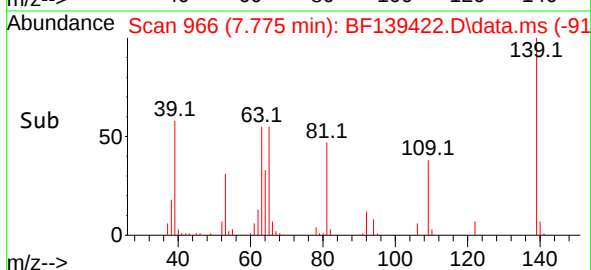
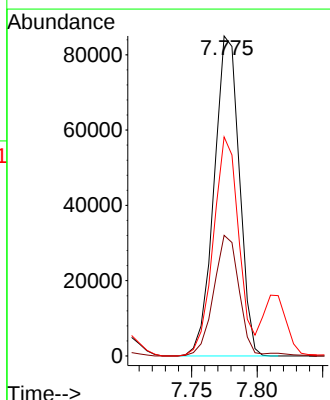
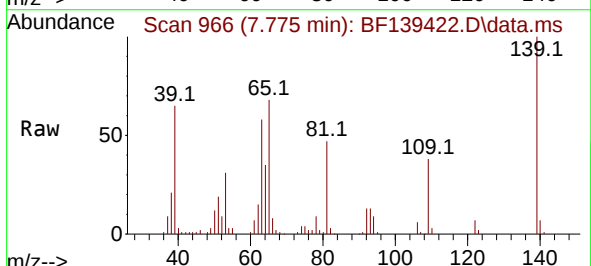
APPROVED

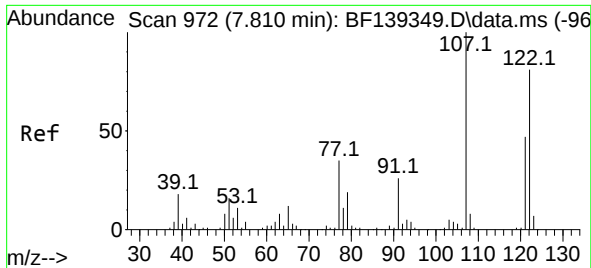
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#26
2-Nitrophenol
Concen: 47.179 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:139 Resp: 113640
Ion Ratio Lower Upper
139 100
109 37.7 32.2 48.2
65 68.4 55.8 83.8





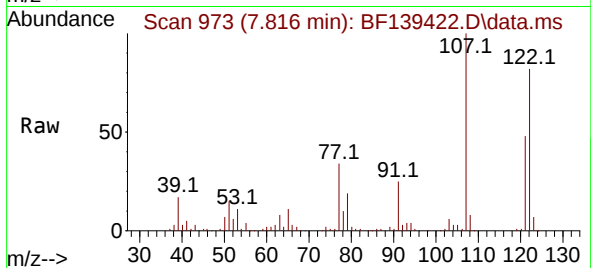
#27
2,4-Dimethylphenol
Concen: 55.725 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



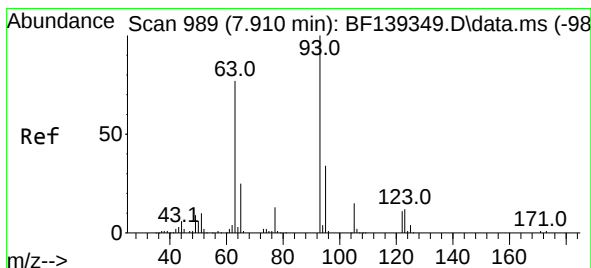
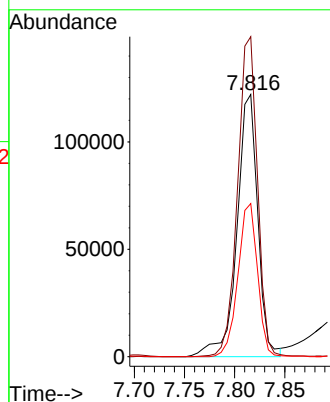
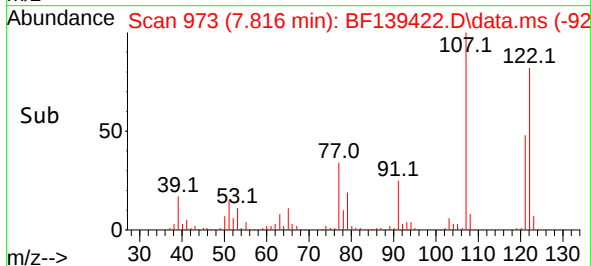
Tgt Ion:122 Resp: 177052
Ion Ratio Lower Upper
122 100
107 122.1 99.1 148.7
121 58.4 46.6 70.0

Manual Integrations

APPROVED

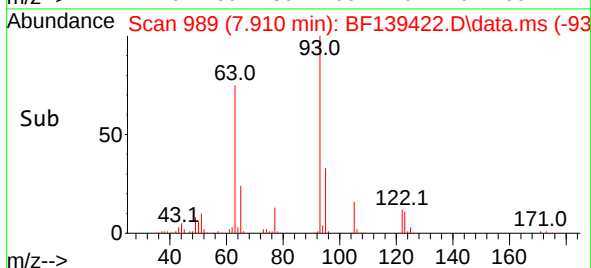
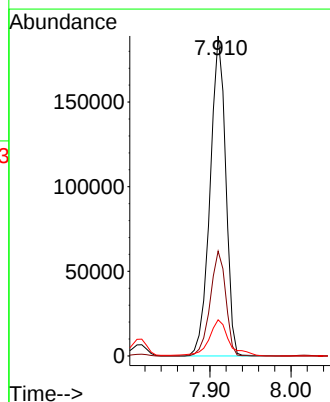
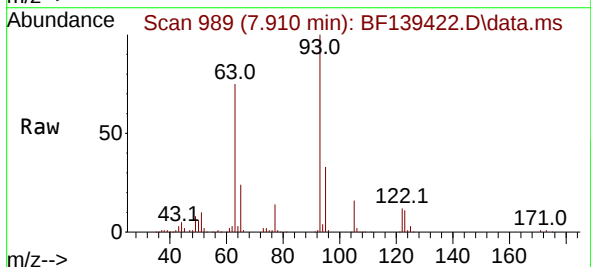
Reviewed By :Yogesh Patel 09/19/2024

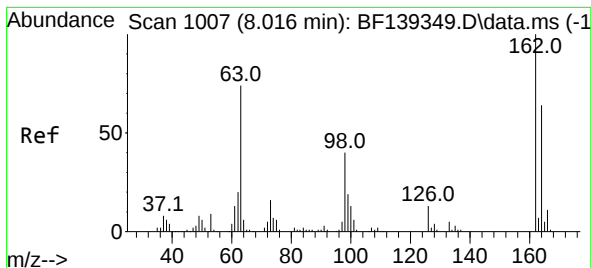
Supervised By :mohammad ahmed 09/20/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.550 ng
RT: 7.910 min Scan# 989
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion: 93 Resp: 252039
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: 45.492 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

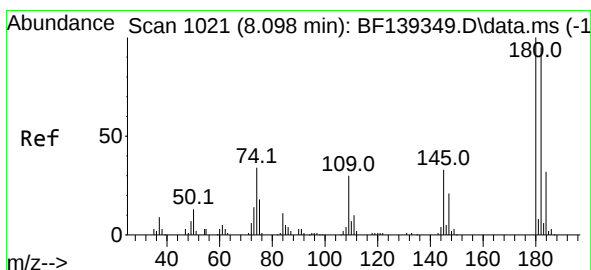
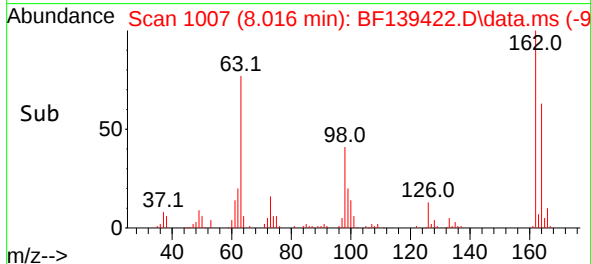
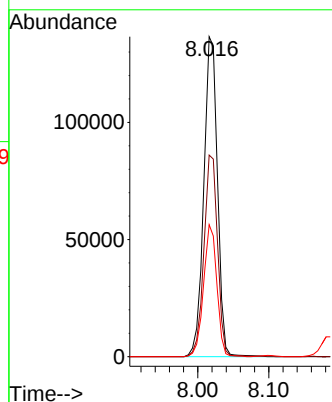
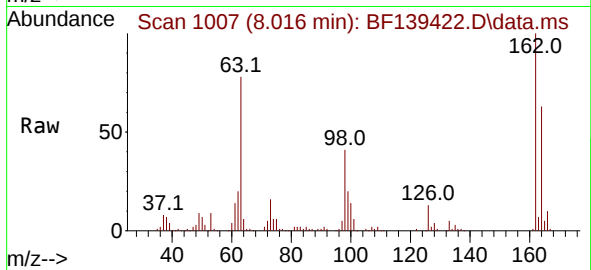
PB163372BS

Tgt Ion:162 Resp: 183620
Ion Ratio Lower Upper
162 100
164 63.0 43.6 83.6
98 41.3 19.7 59.7

Manual Integrations

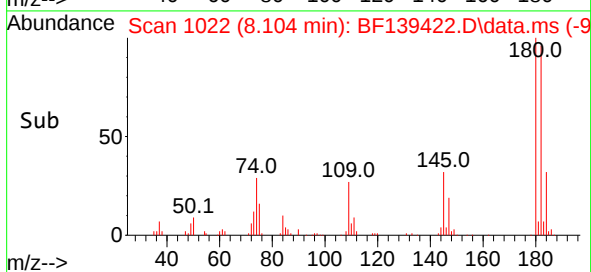
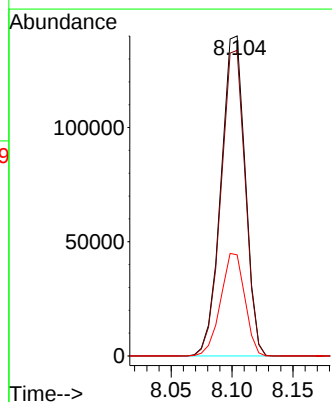
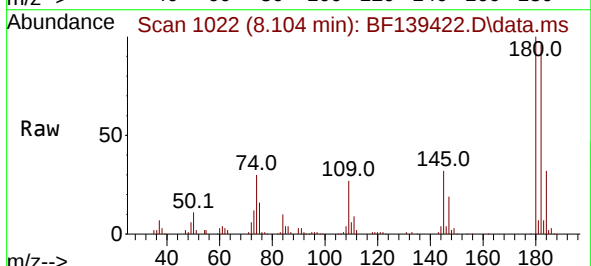
APPROVED

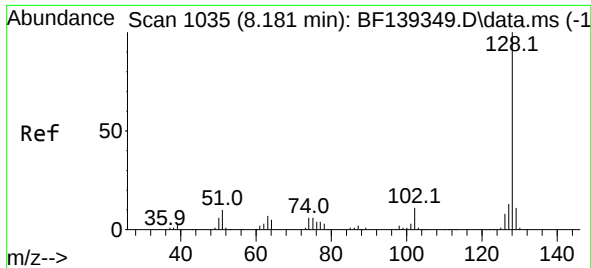
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#30
1,2,4-Trichlorobenzene
Concen: 41.291 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:180 Resp: 194191
Ion Ratio Lower Upper
180 100
182 95.5 75.7 113.5
145 31.6 26.5 39.7





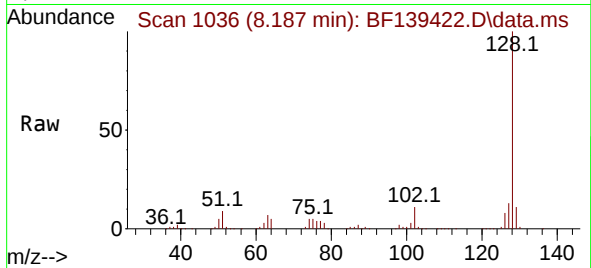
#31
Naphthalene
Concen: 42.875 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



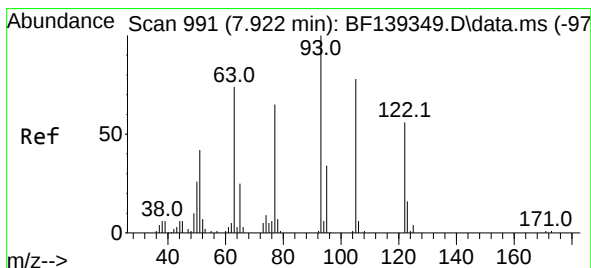
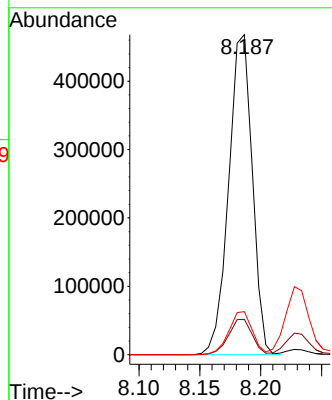
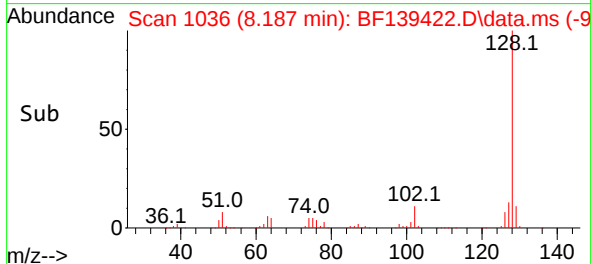
Tgt Ion:128 Resp: 63209
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.4 10.6 16.0

Manual Integrations

APPROVED

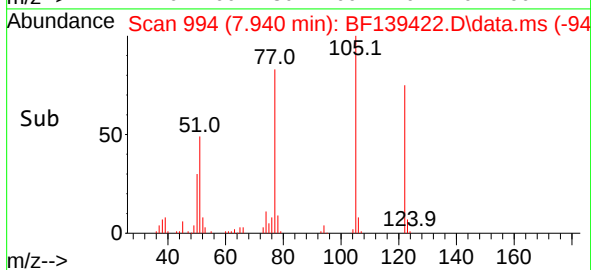
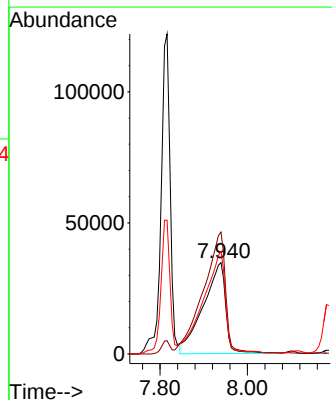
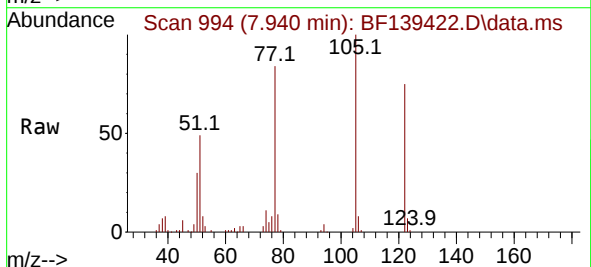
Reviewed By :Yogesh Patel 09/19/2024

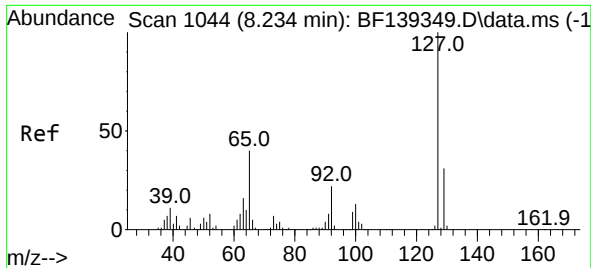
Supervised By :mohammad ahmed 09/20/2024



#32
Benzoic acid
Concen: 41.426 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.018 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:122 Resp: 123175
Ion Ratio Lower Upper
122 100
105 133.5 117.1 157.1
77 112.2 95.4 135.4





#33
4-Chloroaniline
Concen: 31.628 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

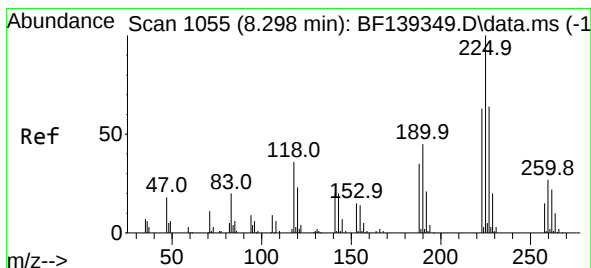
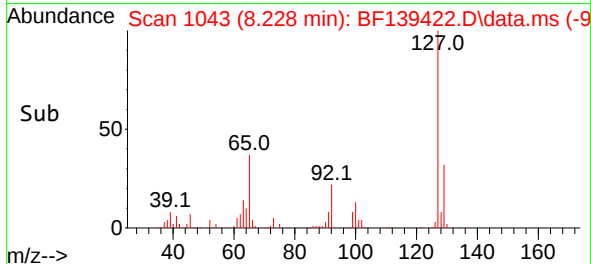
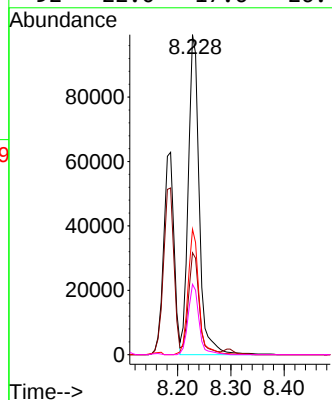
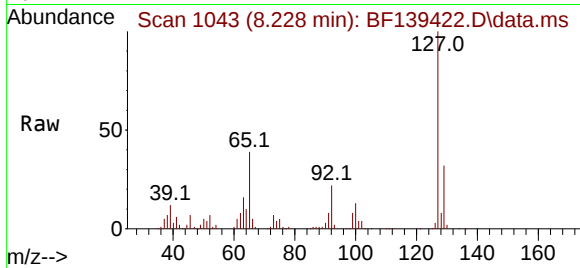
PB163372BS

Tgt Ion:127 Resp: 142650
Ion Ratio Lower Upper
127 100
129 31.8 25.5 38.3
65 39.2 31.5 47.3
92 22.0 17.6 26.4

Manual Integrations

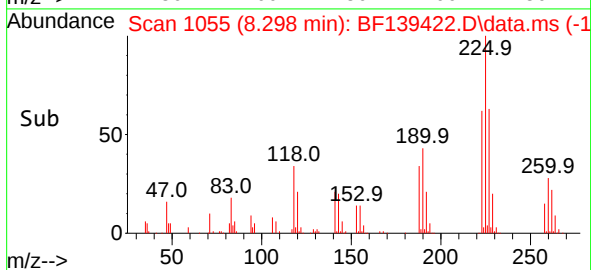
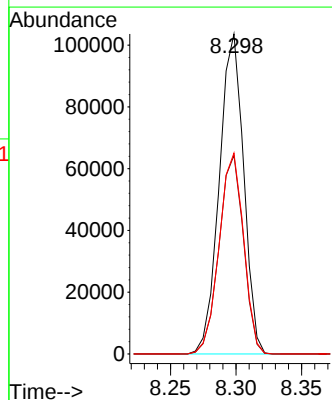
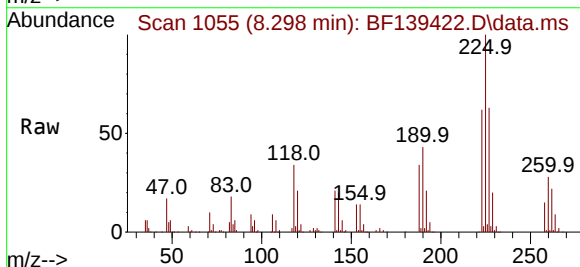
APPROVED

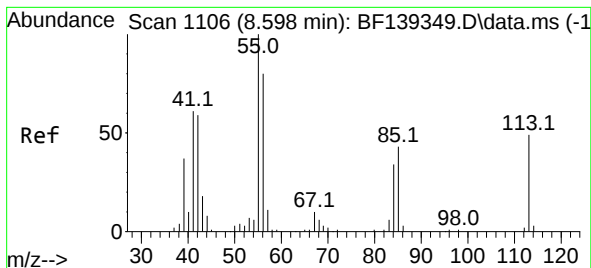
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#34
Hexachlorobutadiene
Concen: 41.826 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:225 Resp: 133640
Ion Ratio Lower Upper
225 100
223 62.0 50.1 75.1
227 62.8 51.0 76.6





#35

Caprolactam

Concen: 44.832 ng m

RT: 8.604 min Scan# 1106

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

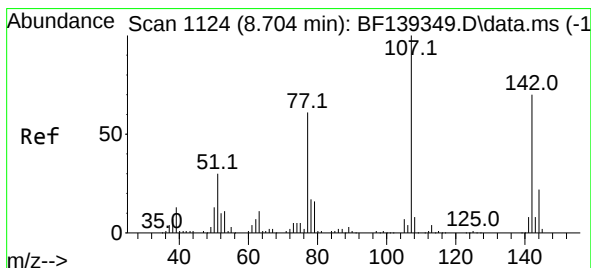
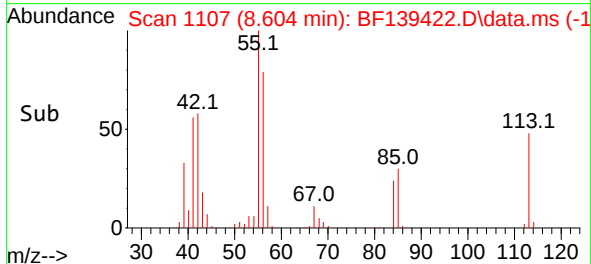
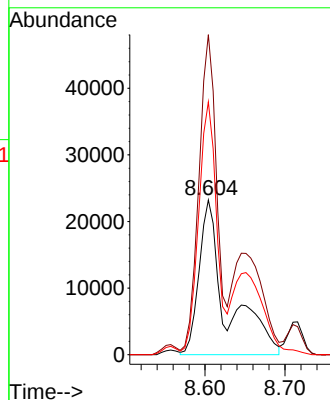
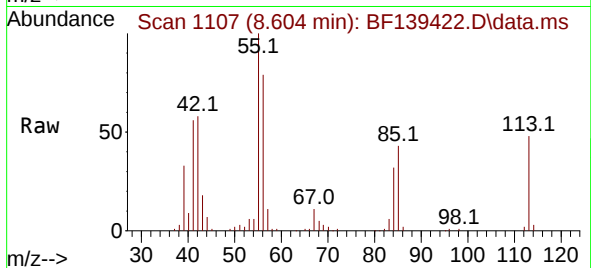
PB163372BS

Tgt Ion:113 Resp: 55664
 Ion Ratio Lower Upper
 113 100
 55 206.7 186.1 226.1
 56 163.4 144.9 184.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024



#36

4-Chloro-3-methylphenol

Concen: 44.677 ng

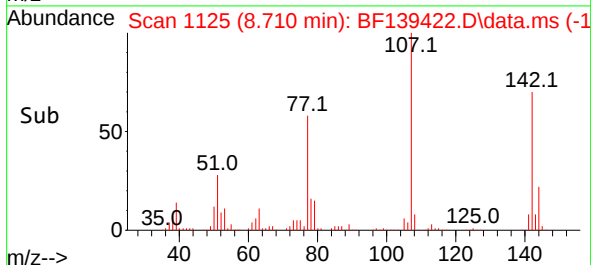
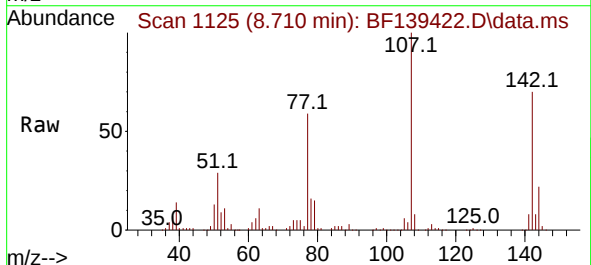
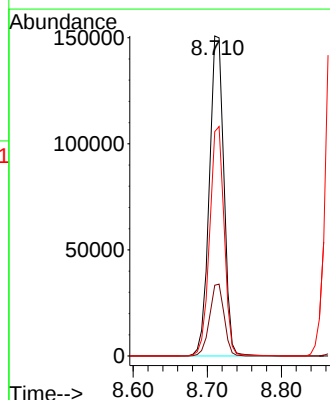
RT: 8.710 min Scan# 1125

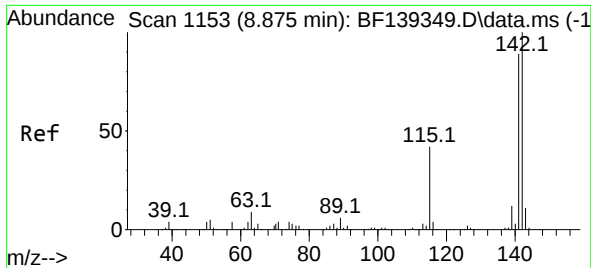
Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:107 Resp: 206095
 Ion Ratio Lower Upper
 107 100
 144 22.1 17.5 26.3
 142 70.1 55.8 83.8





#37
2-Methylnaphthalene
Concen: 44.417 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

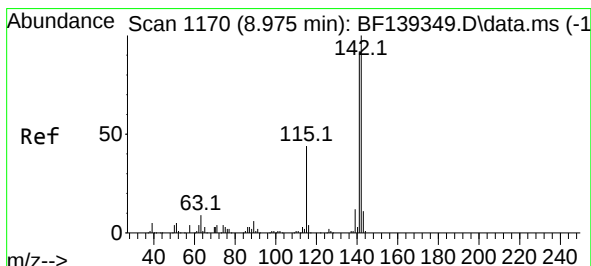
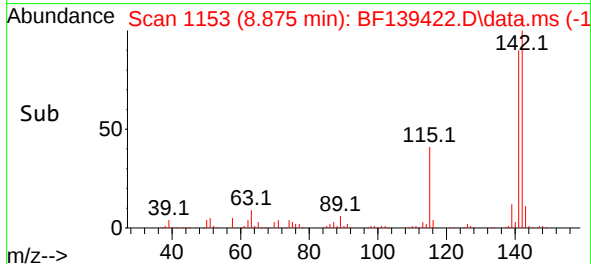
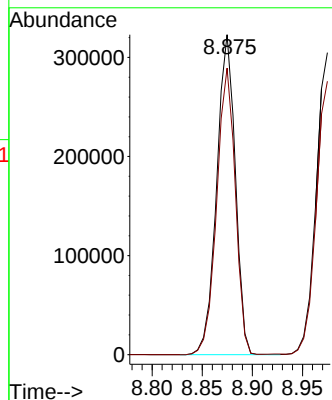
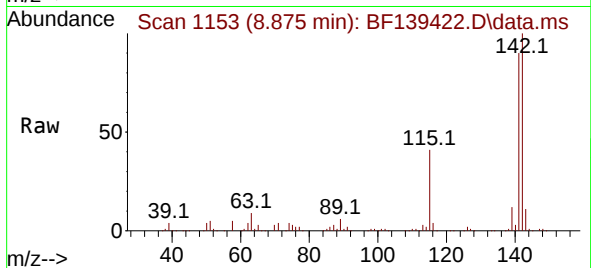
PB163372BS

Tgt Ion:142 Resp: 415640
Ion Ratio Lower Upper
142 100
141 89.6 71.6 107.4

Manual Integrations

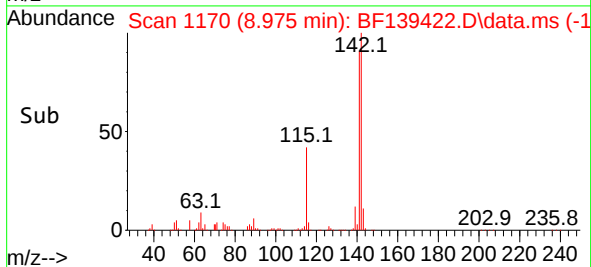
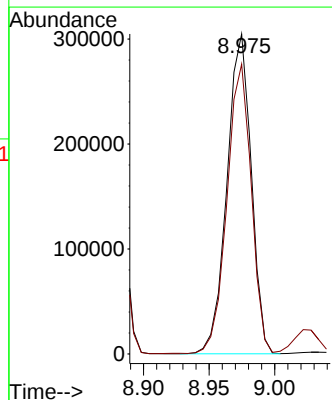
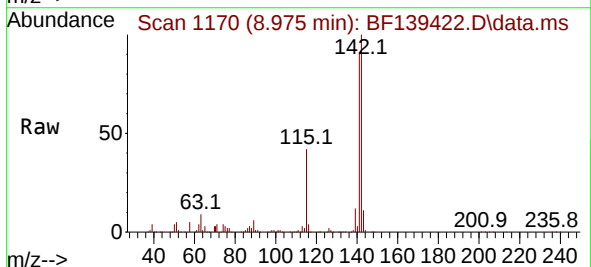
APPROVED

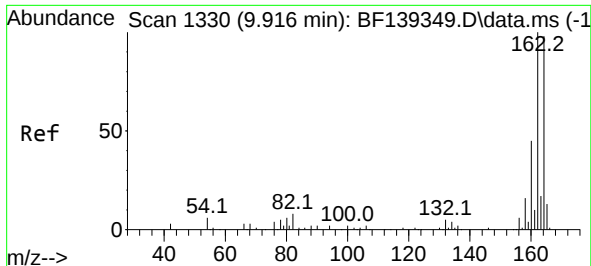
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#38
1-Methylnaphthalene
Concen: 42.632 ng
RT: 8.975 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:142 Resp: 391671
Ion Ratio Lower Upper
142 100
141 90.5 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: BF139422.D

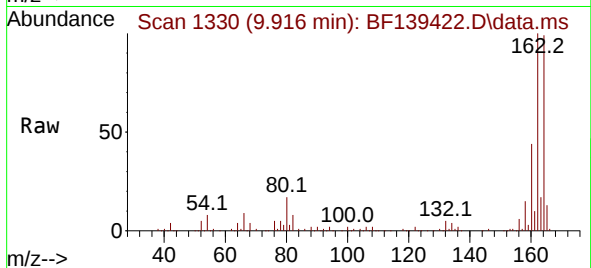
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



Tgt Ion:164 Resp: 155789

Ion Ratio Lower Upper

164 100

162 101.0 81.3 121.9

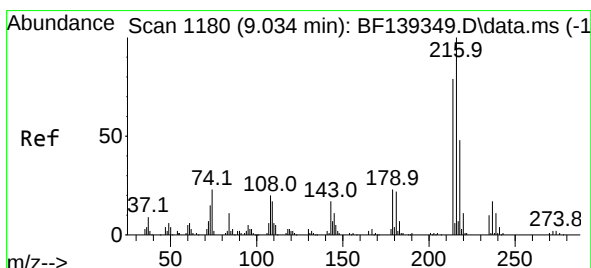
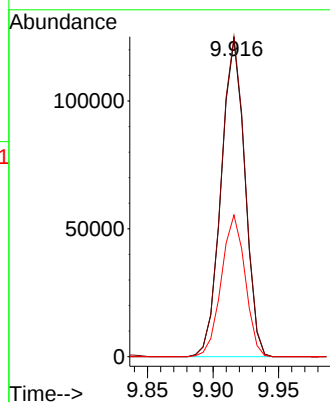
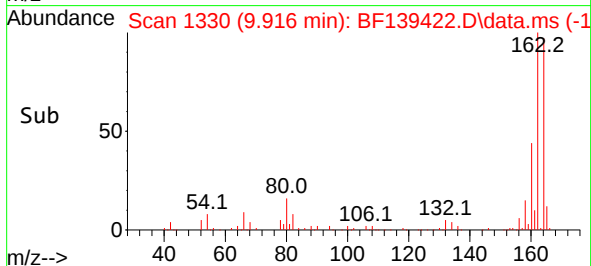
160 44.7 36.4 54.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.923 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:216 Resp: 202798

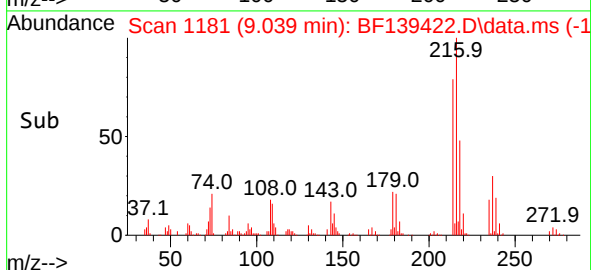
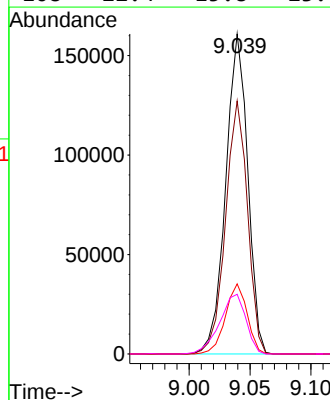
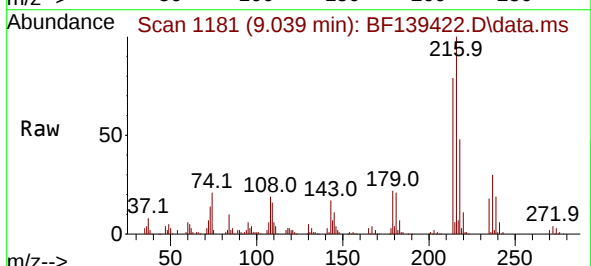
Ion Ratio Lower Upper

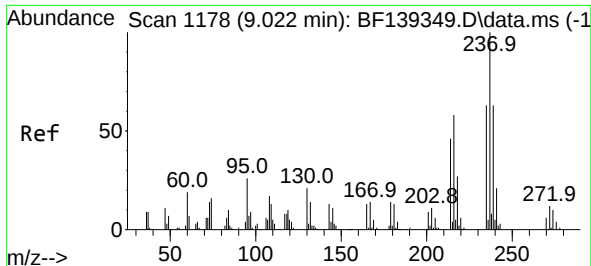
216 100

214 78.6 63.4 95.0

179 21.6 18.2 27.2

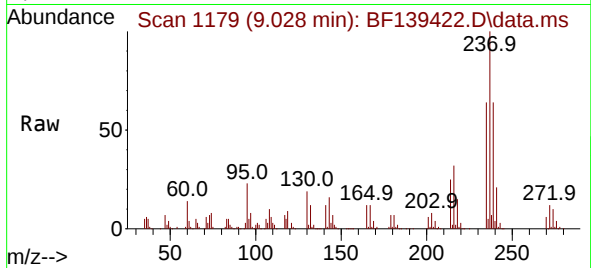
108 22.4 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 162.264 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

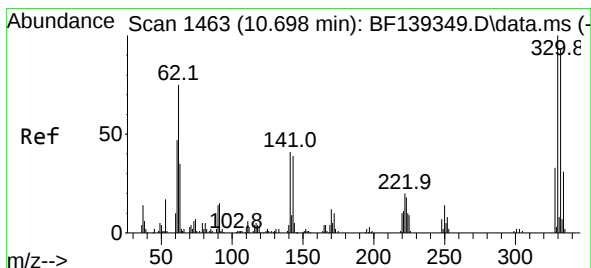
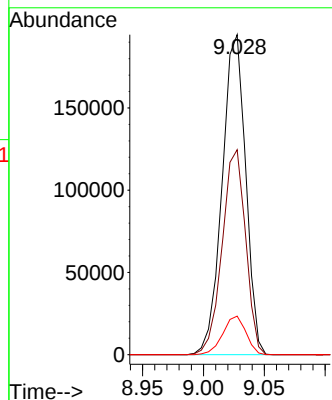
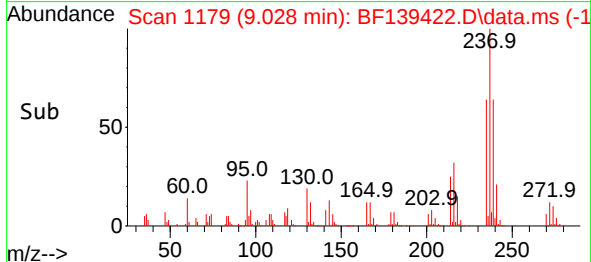
Instrument :
BNA_F
ClientSampleId :
PB163372BS



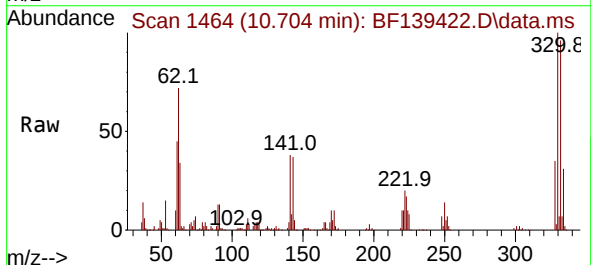
Tgt Ion:237 Resp: 261580
Ion Ratio Lower Upper
237 100
235 64.0 42.7 82.7
272 12.0 0.0 32.5

Manual Integrations
APPROVED

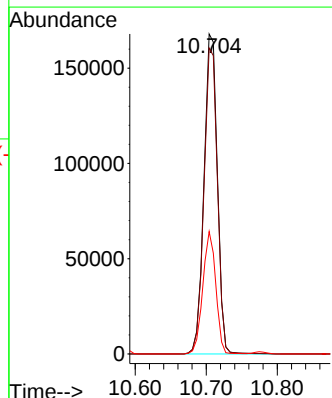
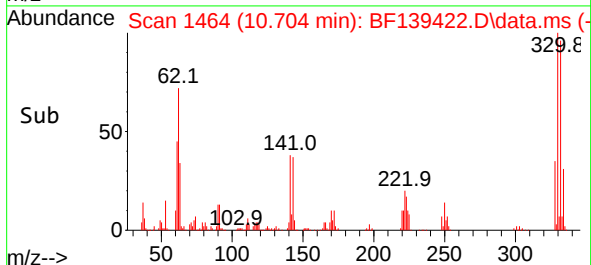
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

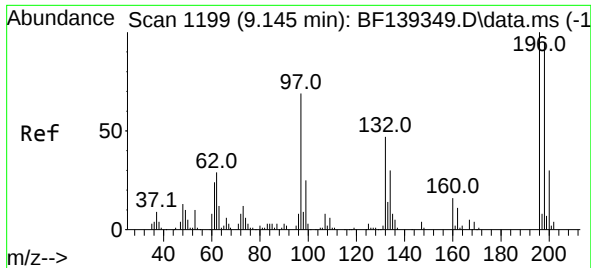


#42
2,4,6-Tribromophenol
Concen: 133.004 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



Tgt Ion:330 Resp: 220596
Ion Ratio Lower Upper
330 100
332 96.0 75.2 112.8
141 37.3 31.2 46.8





#43

2,4,6-Trichlorophenol

Concen: 46.485 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:196 Resp: 13963

Ion Ratio Lower Upper

196 100

198 96.6 75.8 113.6

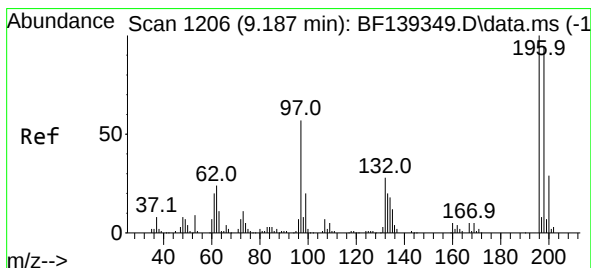
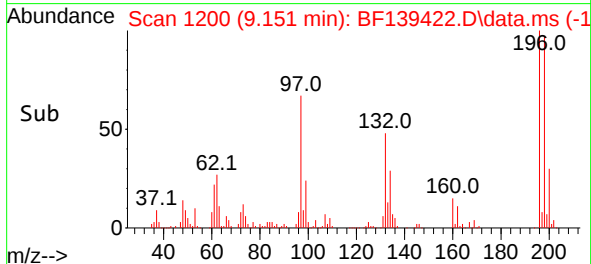
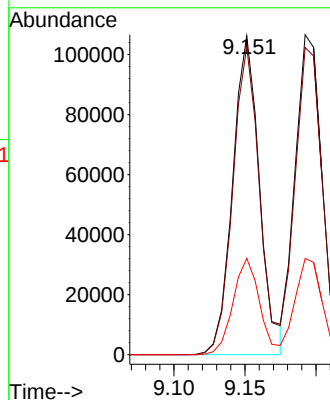
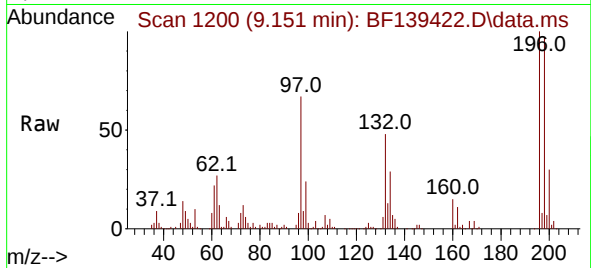
200 30.2 24.1 36.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#44

2,4,5-Trichlorophenol

Concen: 44.253 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:196 Resp: 140219

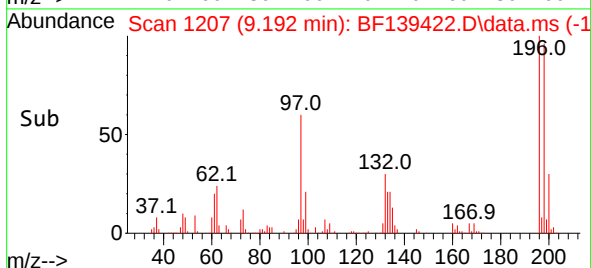
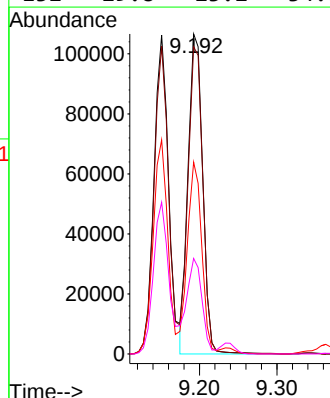
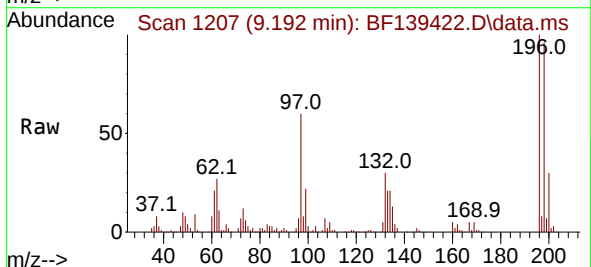
Ion Ratio Lower Upper

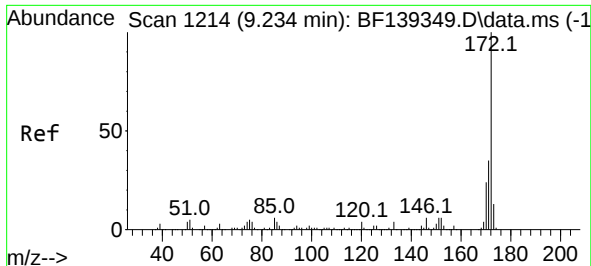
196 100

198 96.0 74.8 112.2

97 59.9 47.3 70.9

132 29.8 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 91.197 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:172 Resp: 1012998

Ion Ratio Lower Upper

172 100

171 35.3 28.3 42.5

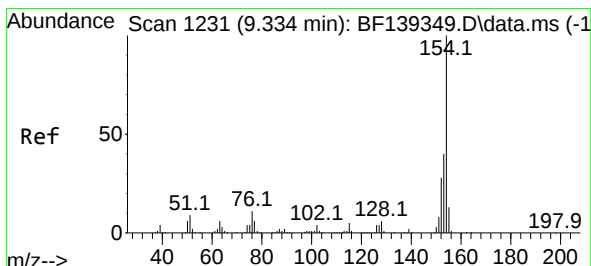
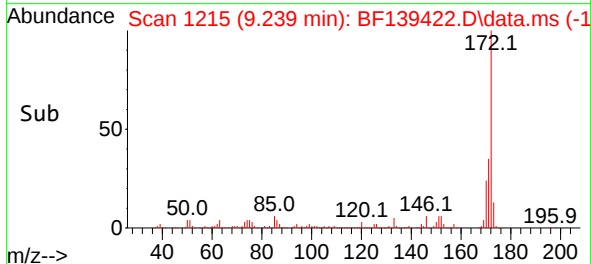
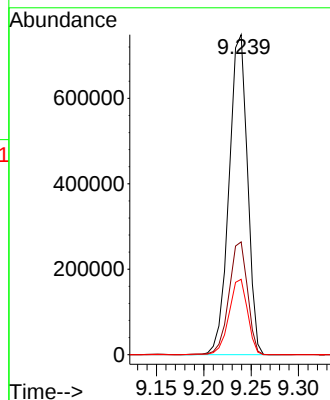
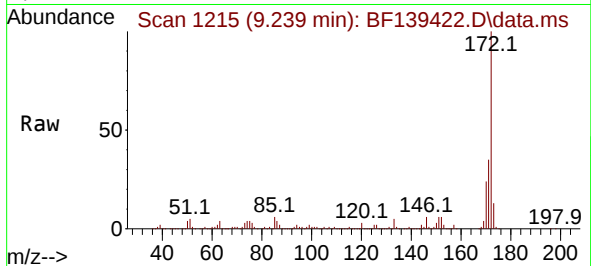
170 23.5 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#46

1,1'-Biphenyl

Concen: 43.969 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

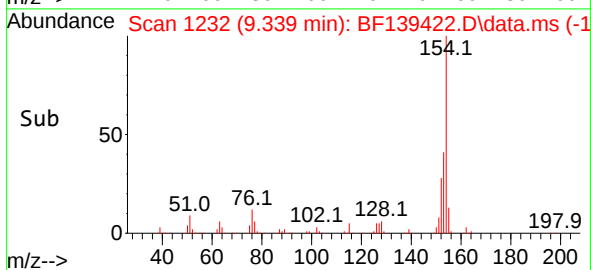
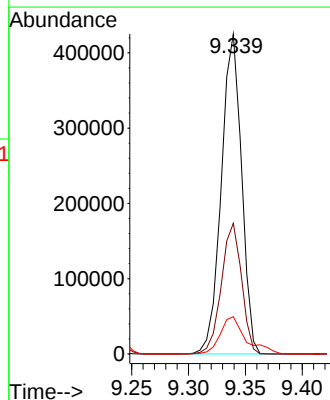
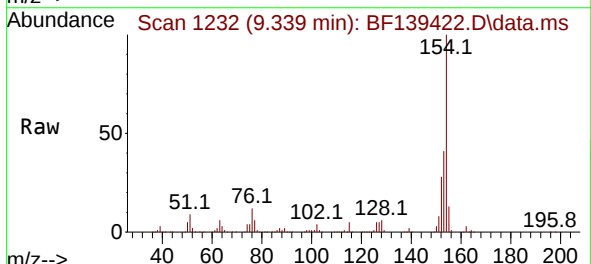
Tgt Ion:154 Resp: 526979

Ion Ratio Lower Upper

154 100

153 40.8 20.1 60.1

76 11.7 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.602 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.000 min

Lab File: BF139422.D

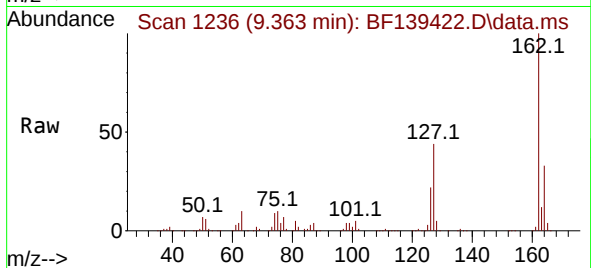
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



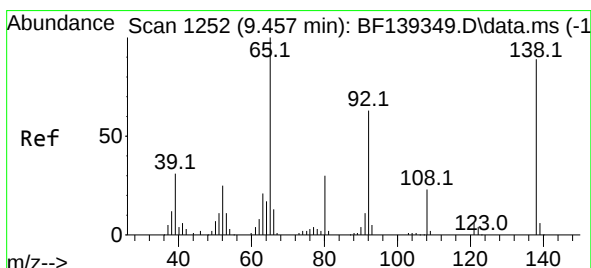
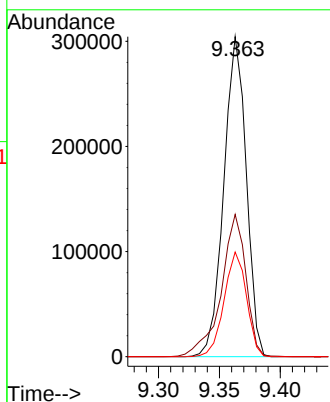
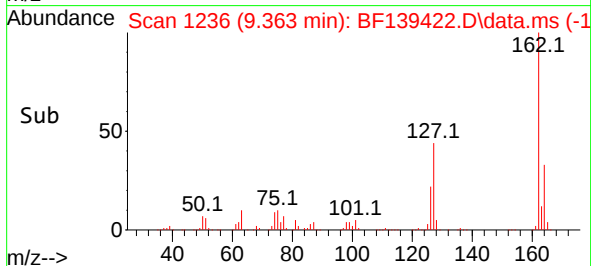
Tgt Ion:	162	Resp:	390734
Ion Ratio	Lower	Upper	
162	100		
127	44.5	35.0	52.4
164	32.7	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#48

2-Nitroaniline

Concen: 44.573 ng

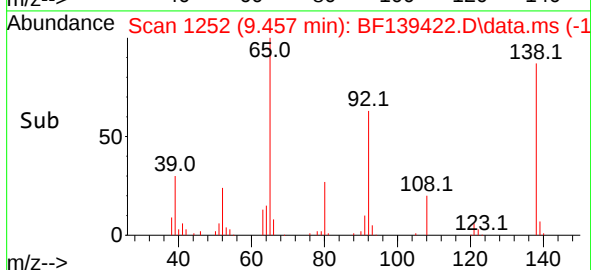
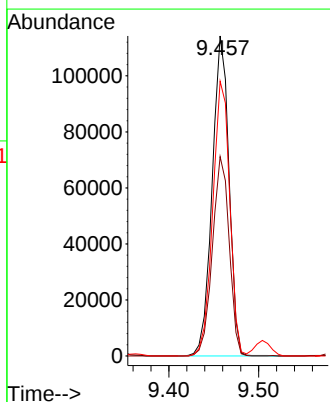
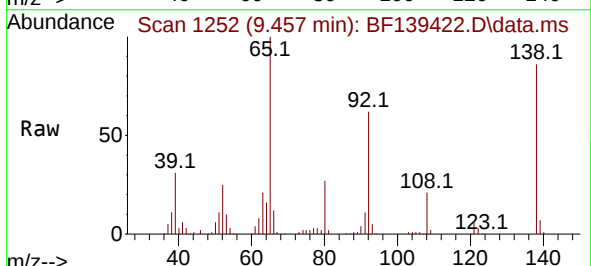
RT: 9.457 min Scan# 1252

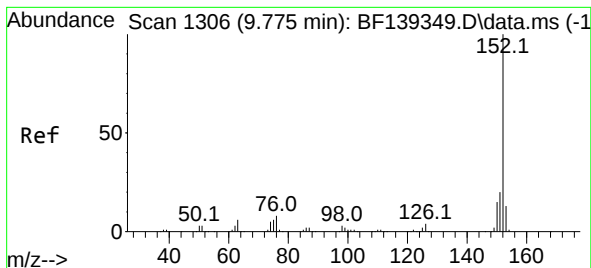
Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:	65	Resp:	148568
Ion Ratio	Lower	Upper	
65	100		
92	62.3	50.3	75.5
138	85.9	71.3	106.9





#49

Acenaphthylene

Concen: 47.529 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:152 Resp: 64114

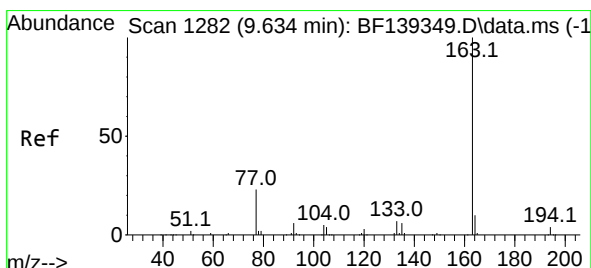
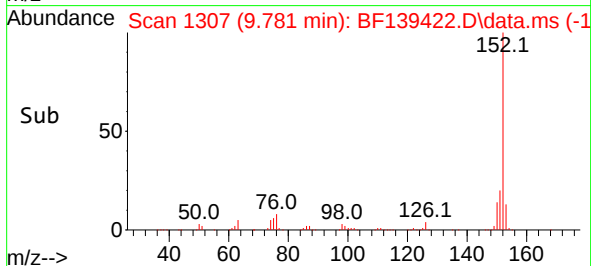
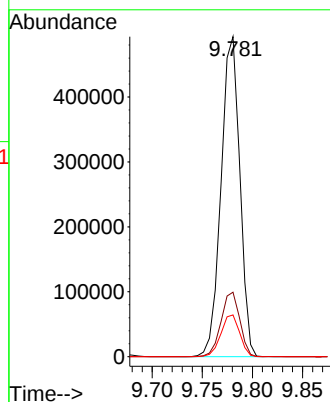
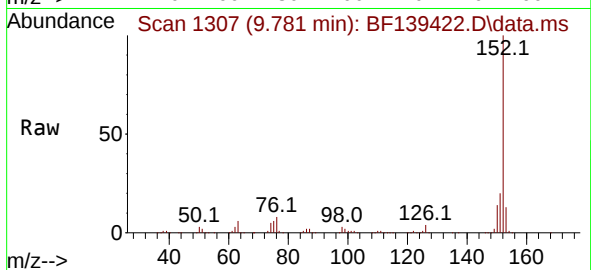
Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.2
153	13.0	10.3	15.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#50

Dimethylphthalate

Concen: 45.280 ng

RT: 9.639 min Scan# 1283

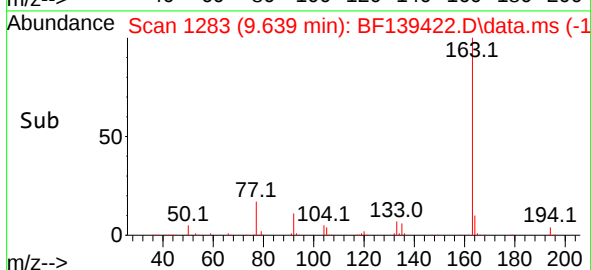
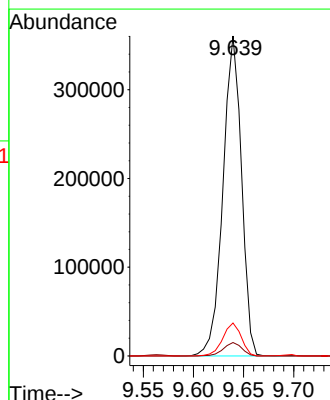
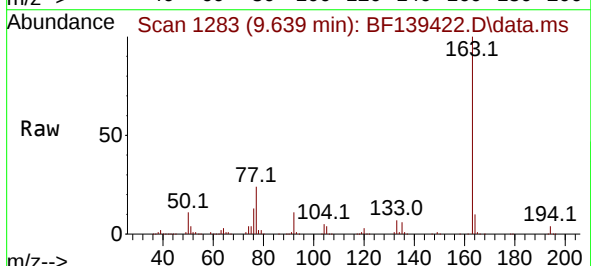
Delta R.T. 0.006 min

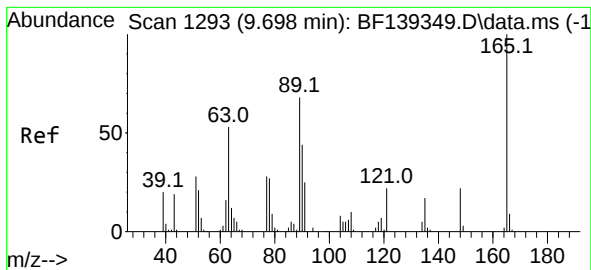
Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:163 Resp: 462992

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.1	4.7
164	10.3	8.2	12.2





#51
2,6-Dinitrotoluene
Concen: 44.326 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

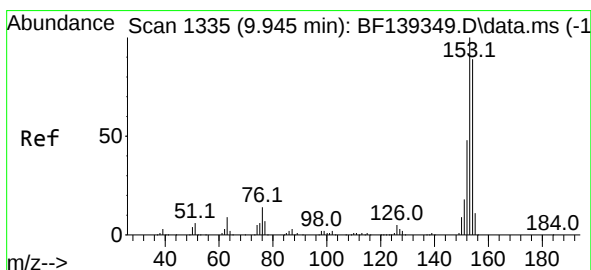
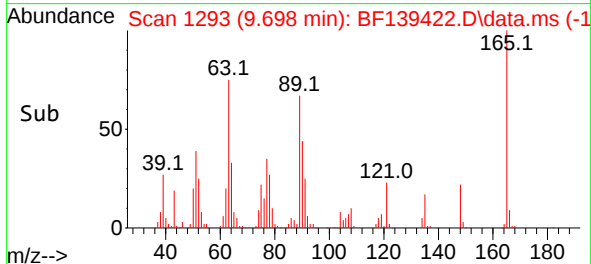
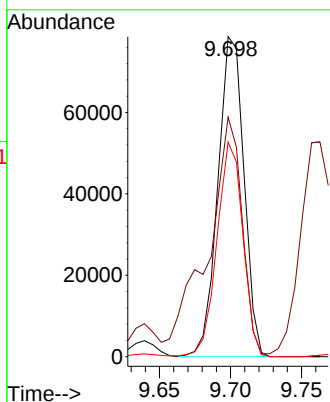
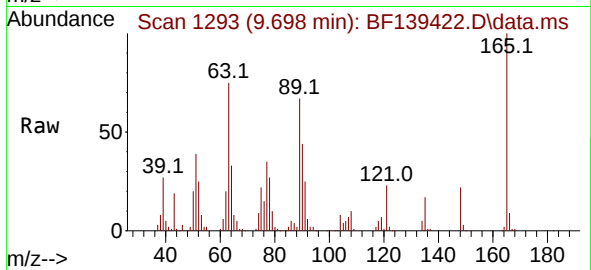
ClientSampleId :

PB163372BS

Tgt Ion:165 Resp: 10040
Ion Ratio Lower Upper
165 100
63 74.8 60.9 91.3
89 67.0 54.7 82.1

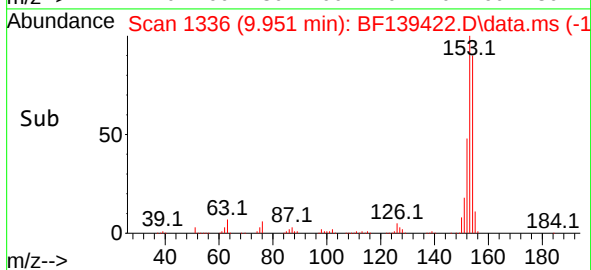
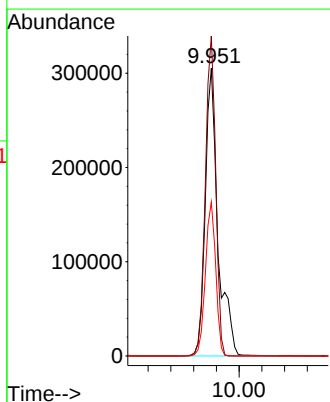
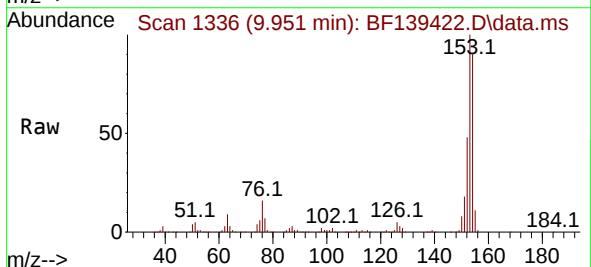
Manual Integrations
APPROVED

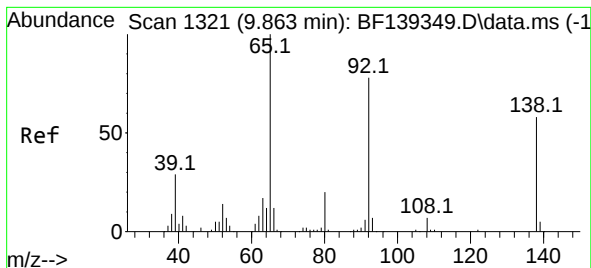
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#52
Acenaphthene
Concen: 50.131 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:154 Resp: 471974
Ion Ratio Lower Upper
154 100
153 111.2 89.5 134.3
152 53.5 42.6 64.0





#53

3-Nitroaniline

Concen: 33.213 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

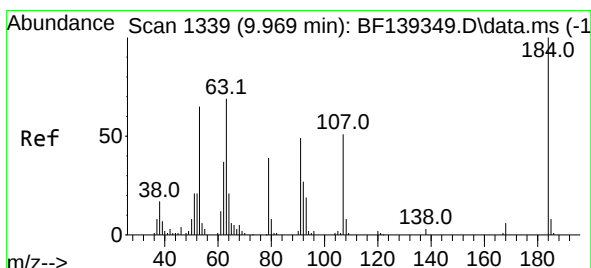
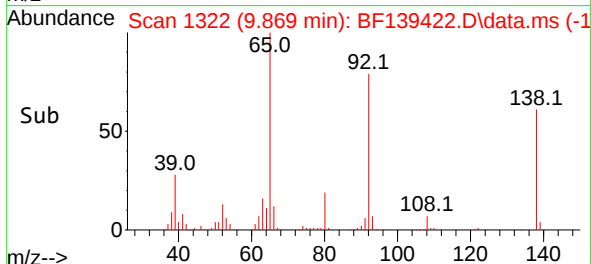
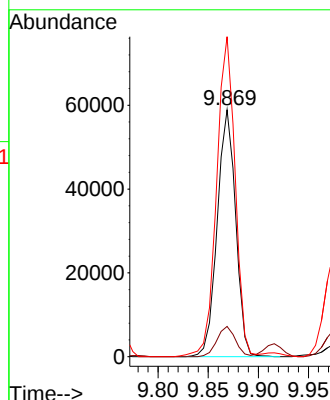
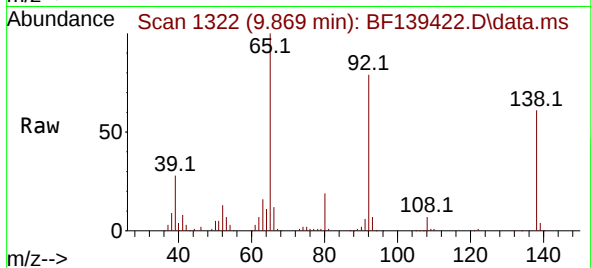
Tgt Ion:138	Resp:	75180
Ion Ratio	Lower	Upper
138	100	
108	12.3	9.8 14.8
92	129.6	107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#54

2,4-Dinitrophenol

Concen: 96.658 ng

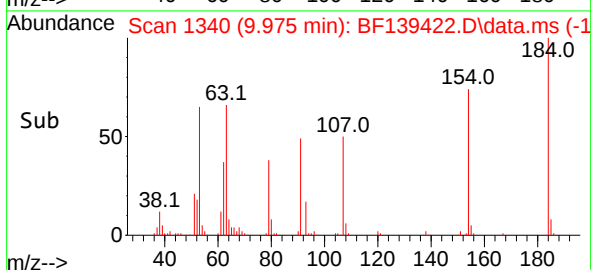
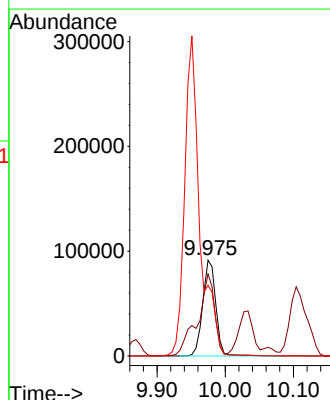
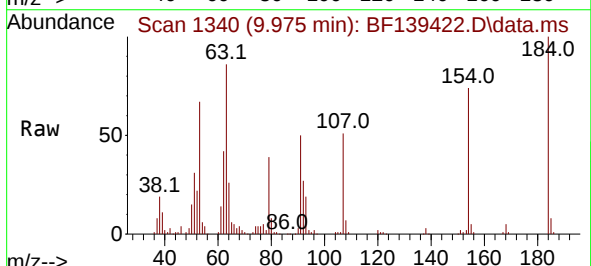
RT: 9.975 min Scan# 1340

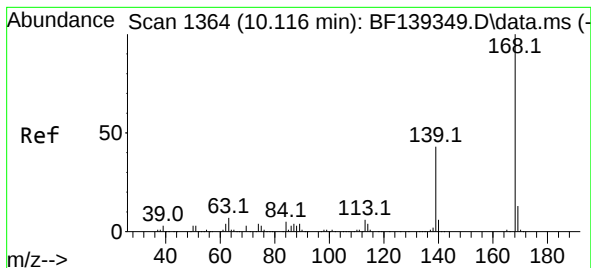
Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

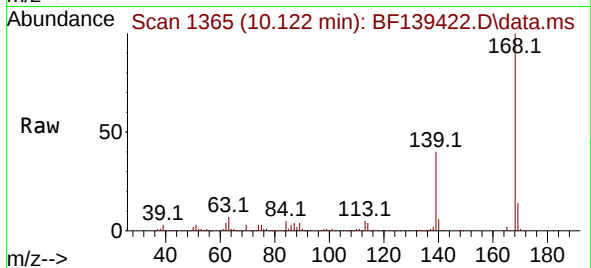
Tgt Ion:184	Resp:	122002
Ion Ratio	Lower	Upper
184	100	
63	85.6	69.3 103.9
154	73.8	67.5 101.3





#55
Dibenzenofuran
Concen: 44.891 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

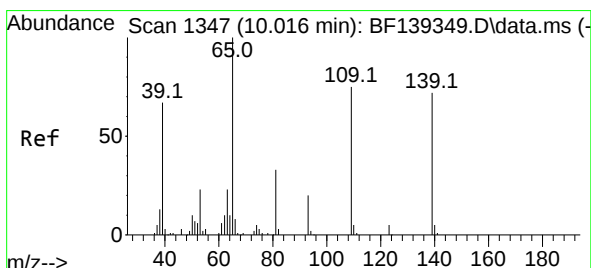
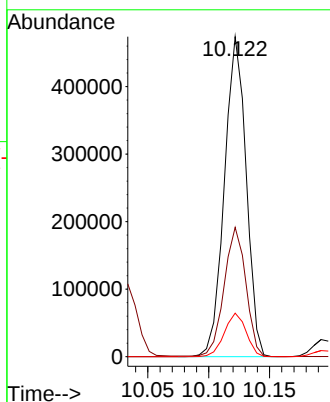
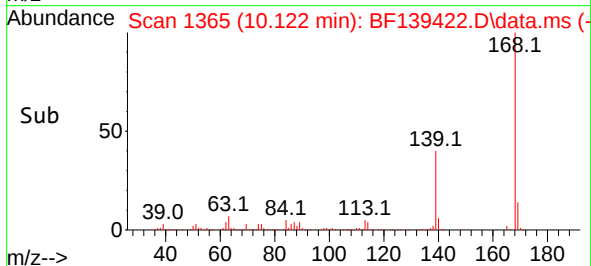
Instrument :
BNA_F
ClientSampleId :
PB163372BS



Tgt Ion:168 Resp: 58907
Ion Ratio Lower Upper
168 100
139 40.4 34.1 51.1
169 13.6 10.5 15.7

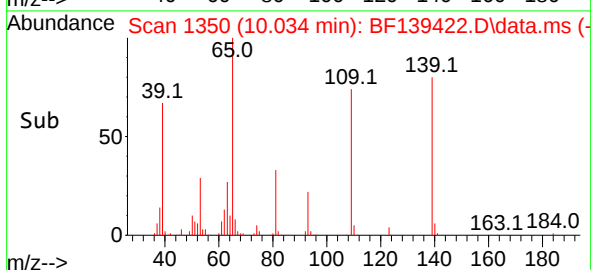
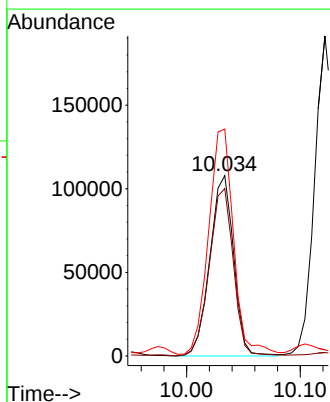
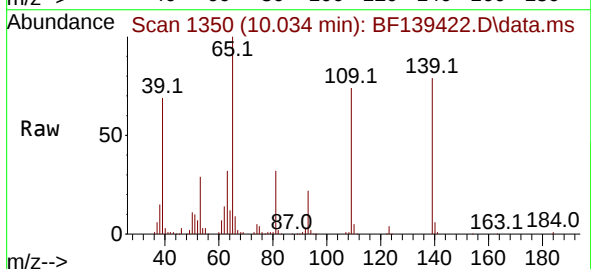
Manual Integrations
APPROVED

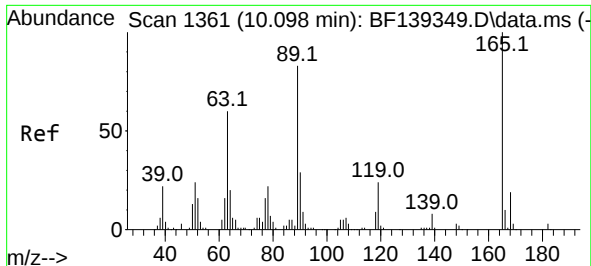
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#56
4-Nitrophenol
Concen: 83.914 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:139 Resp: 157186
Ion Ratio Lower Upper
139 100
109 92.8 84.1 124.1
65 125.8 120.0 160.0





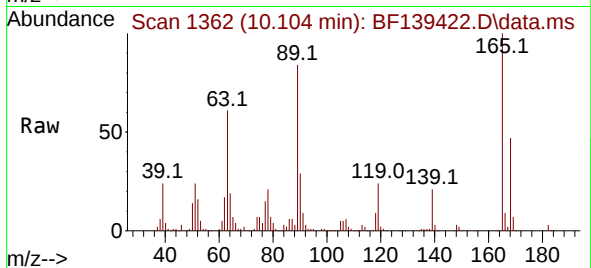
#57
2,4-Dinitrotoluene
Concen: 44.490 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

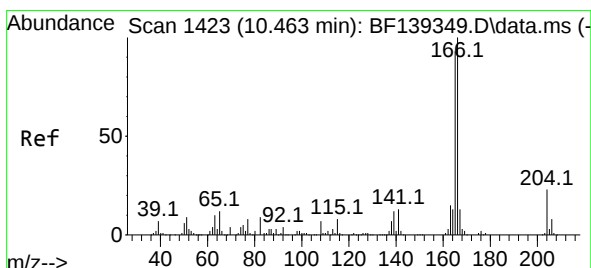
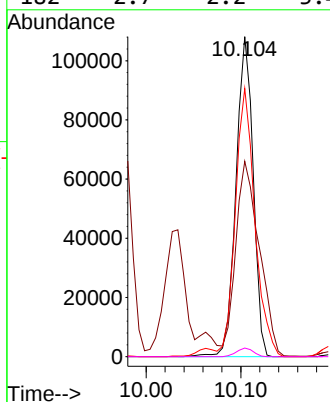
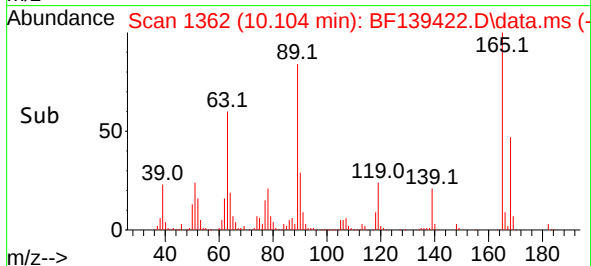


Tgt Ion:165 Resp: 13605
Ion Ratio Lower Upper
165 100
63 61.0 47.8 71.6
89 83.8 66.7 100.1
182 2.7 2.2 3.4

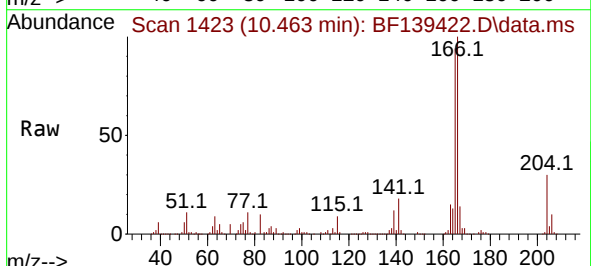
Manual Integrations

APPROVED

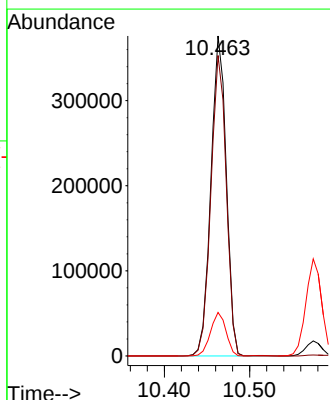
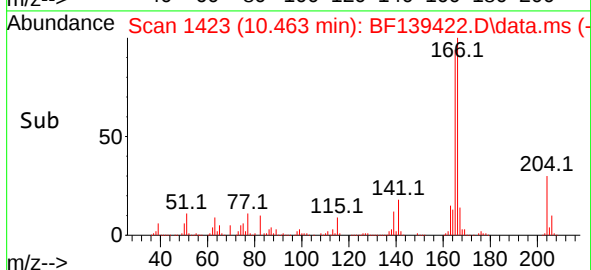
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#58
Fluorene
Concen: 43.976 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



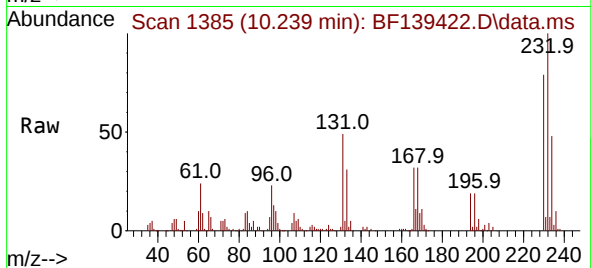
Tgt Ion:166 Resp: 470840
Ion Ratio Lower Upper
166 100
165 93.9 74.5 111.7
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.582 ng
RT: 10.239 min Scan# 119470
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

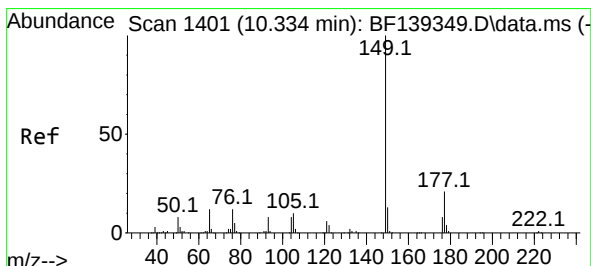
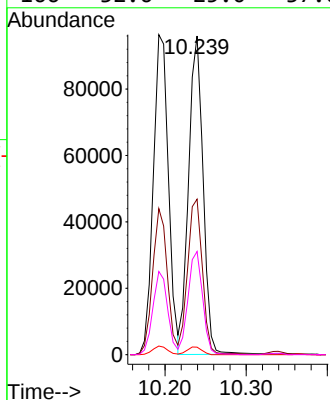
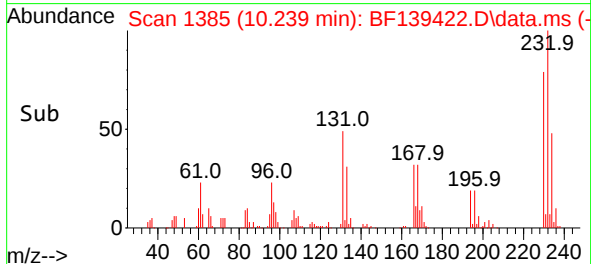
Instrument :
BNA_F
ClientSampleId :
PB163372BS



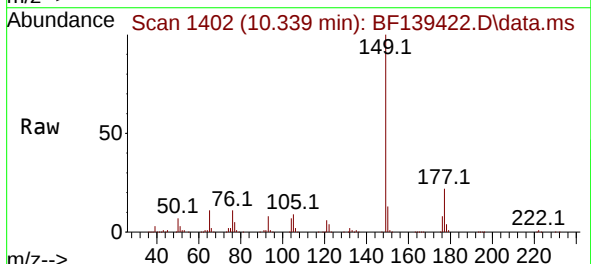
Tgt Ion:232 Resp: 119470
Ion Ratio Lower Upper
232 100
131 50.0 40.7 61.1
130 2.5 2.2 3.2
166 32.6 25.0 37.6

Manual Integrations
APPROVED

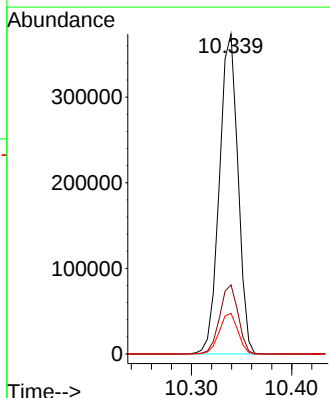
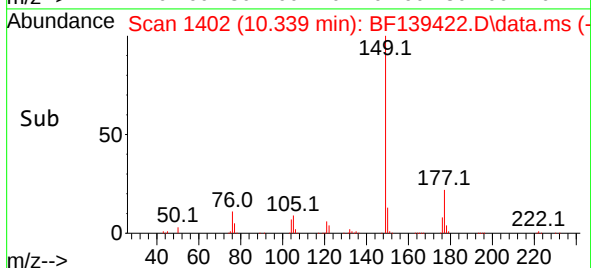
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

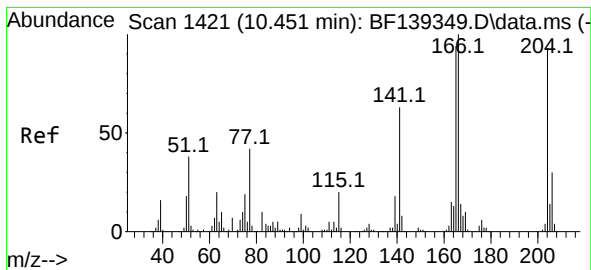


#60
Diethylphthalate
Concen: 45.479 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



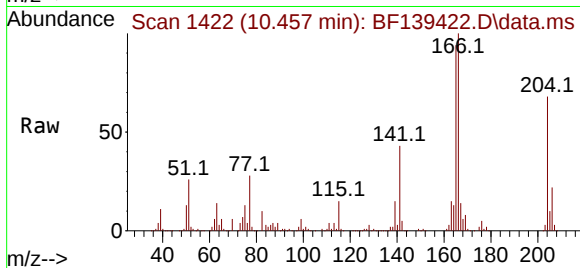
Tgt Ion:149 Resp: 479895
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.7 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 44.012 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

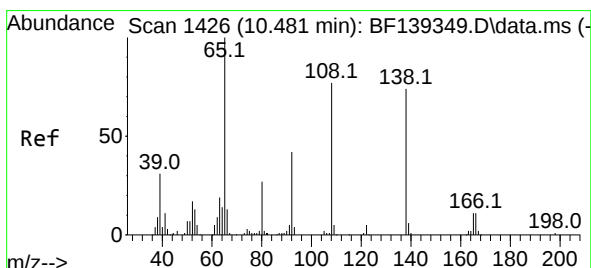
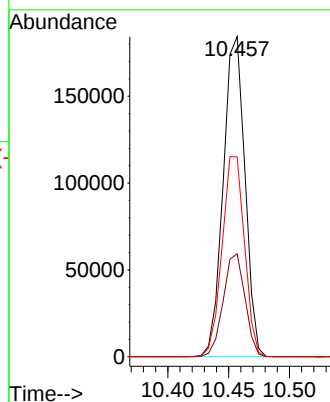
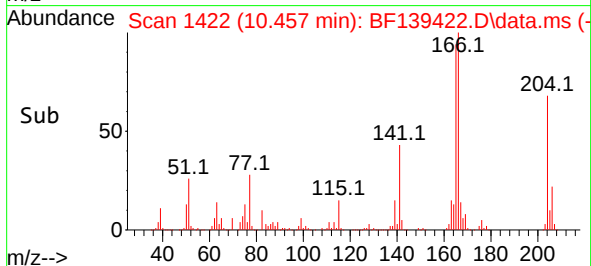
Instrument :
BNA_F
ClientSampleId :
PB163372BS



Tgt Ion:204 Resp: 229009
Ion Ratio Lower Upper
204 100
206 32.1 26.2 39.2
141 62.4 53.9 80.9

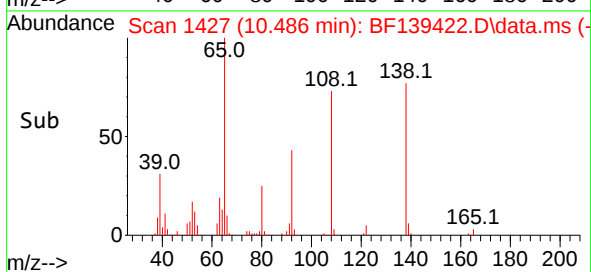
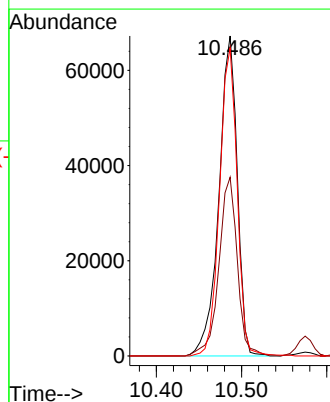
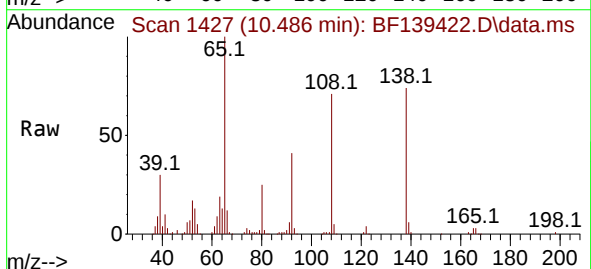
Manual Integrations
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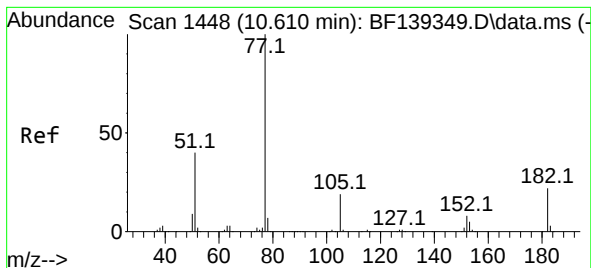
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#62
4-Nitroaniline
Concen: 40.796 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:138 Resp: 100792
Ion Ratio Lower Upper
138 100
92 55.9 37.0 77.0
108 96.3 84.4 124.4





#63

Azobenzene

Concen: 46.017 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion: 77 Resp: 477578

Ion Ratio Lower Upper

77 100

182 23.6 1.8 41.8

105 18.8 0.0 38.6

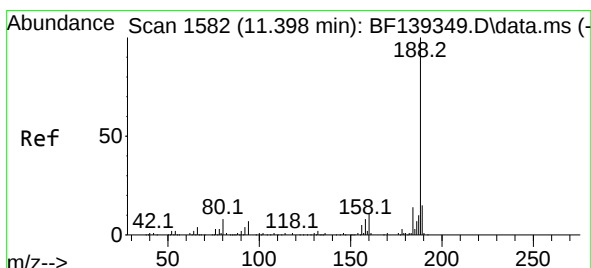
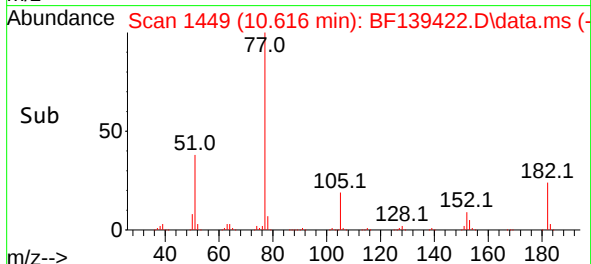
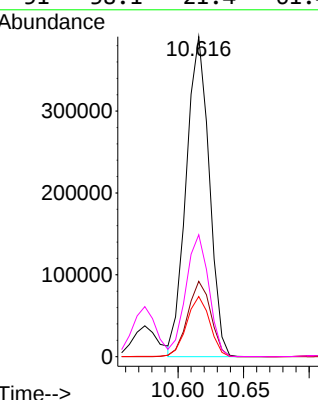
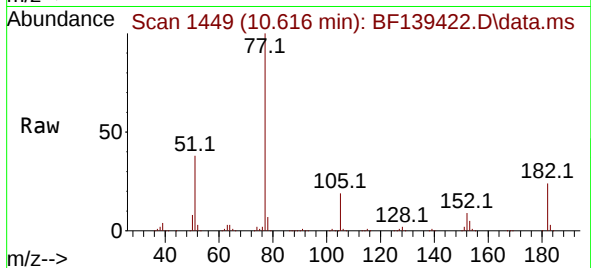
51 38.1 21.4 61.4

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

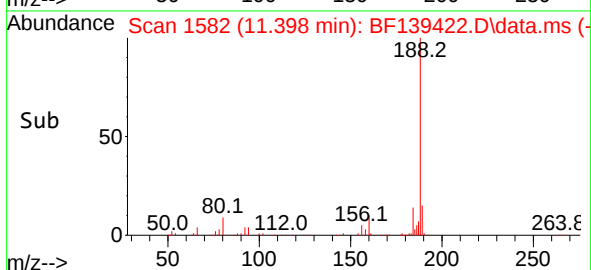
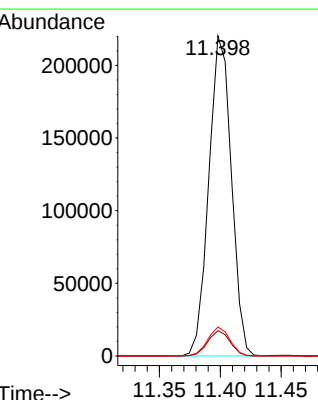
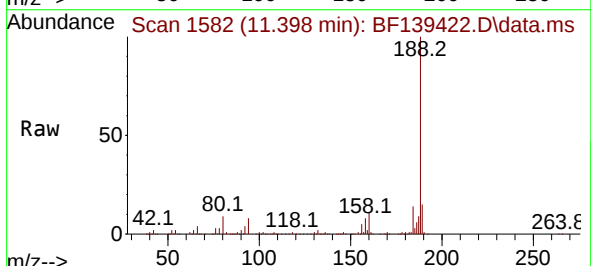
Tgt Ion:188 Resp: 284295

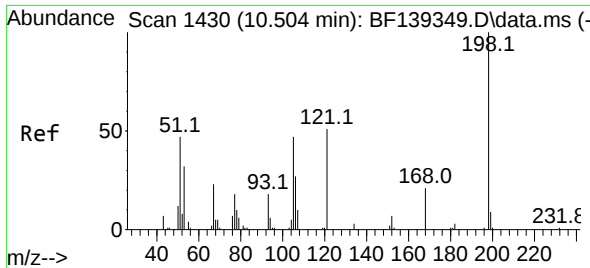
Ion Ratio Lower Upper

188 100

94 7.9 5.5 8.3

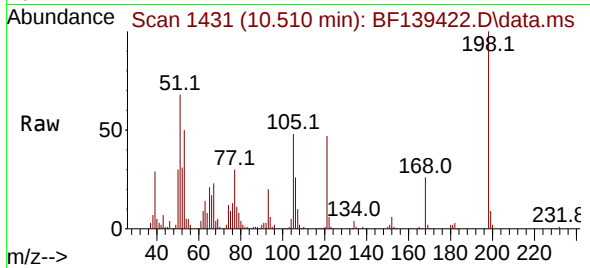
80 9.0 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.758 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

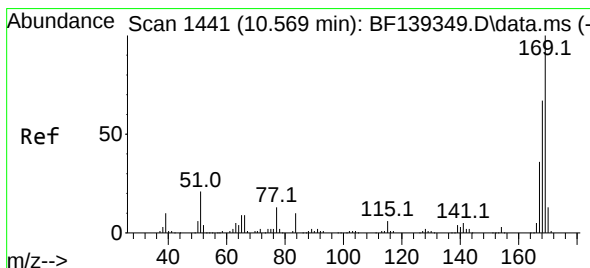
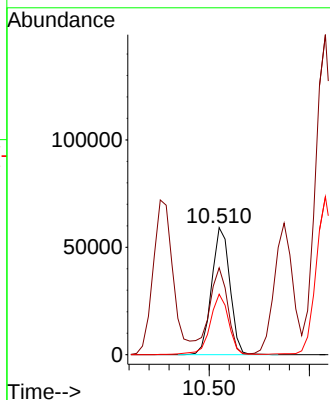
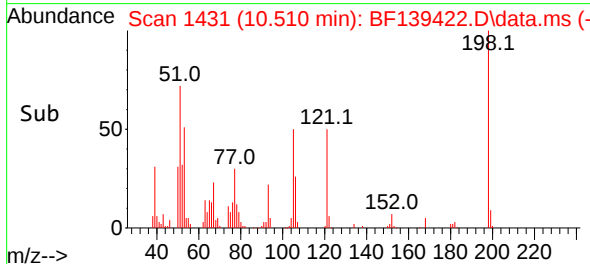
Instrument :
BNA_F
ClientSampleId :
PB163372BS



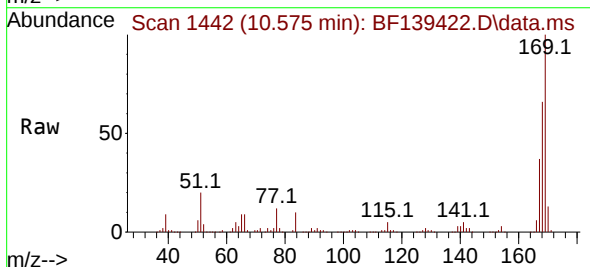
Tgt Ion:198 Resp: 74660
Ion Ratio Lower Upper
198 100
51 68.4 50.4 90.4
105 47.6 28.3 68.3

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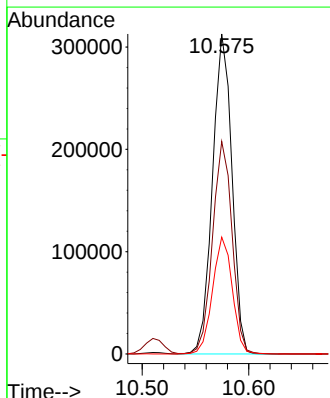
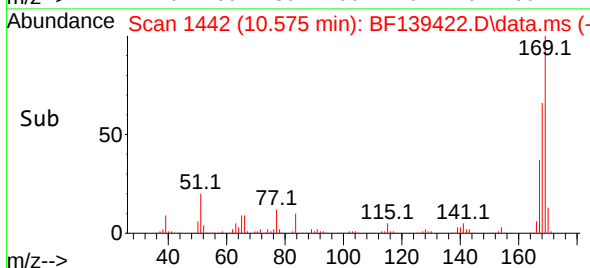
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

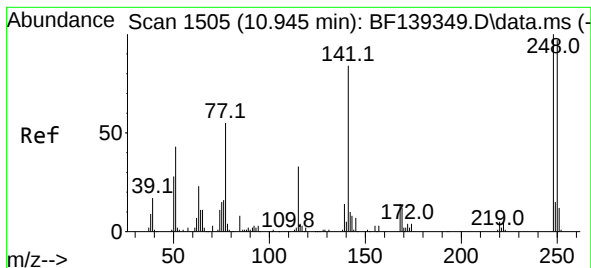


#66
n-Nitrosodiphenylamine
Concen: 47.549 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



Tgt Ion:169 Resp: 395217
Ion Ratio Lower Upper
169 100
168 66.4 53.6 80.4
167 36.5 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 47.190 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

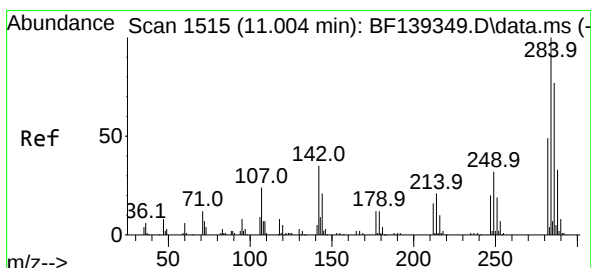
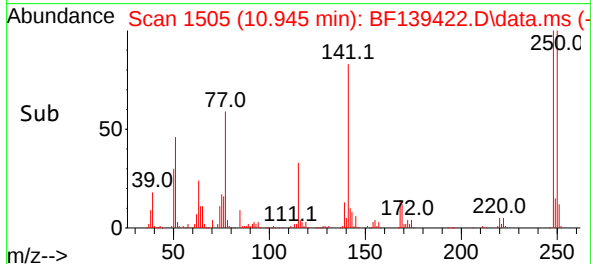
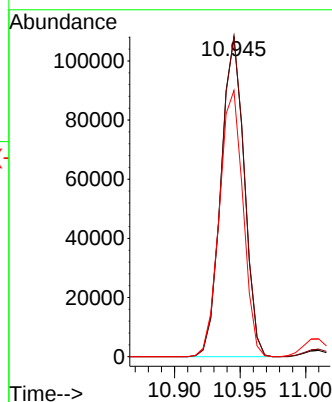
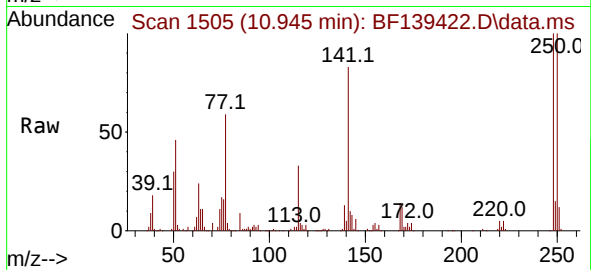
ClientSampleId :

PB163372BS

Tgt Ion:248 Resp: 13294
Ion Ratio Lower Upper
248 100
250 100.0 77.6 116.4
141 83.2 66.9 100.3

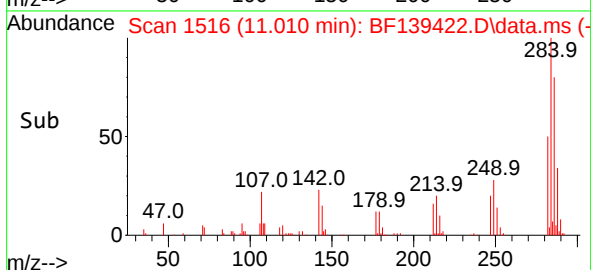
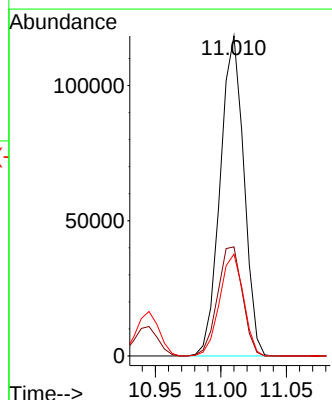
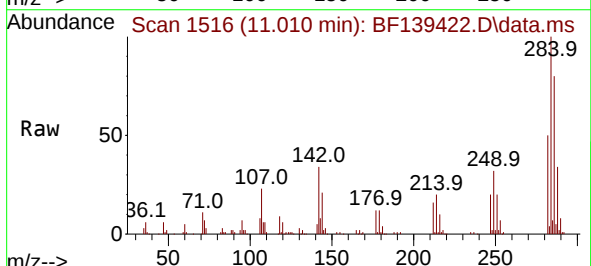
Manual Integrations
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Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#68
Hexachlorobenzene
Concen: 44.935 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:284 Resp: 148576
Ion Ratio Lower Upper
284 100
142 34.1 28.0 42.0
249 31.8 25.3 37.9





#69

Atrazine

Concen: 65.116 ng

RT: 11.098 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:200 Resp: 12885

Ion Ratio Lower Upper

200 100

173 26.7 6.1 46.1

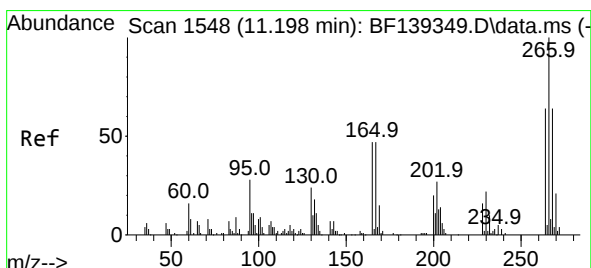
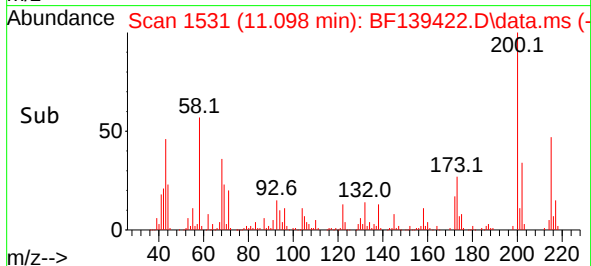
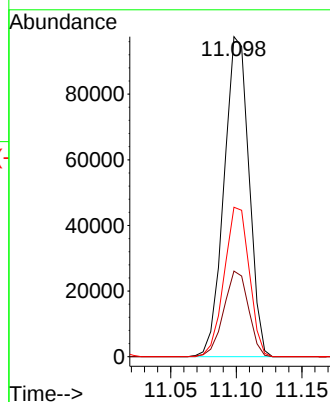
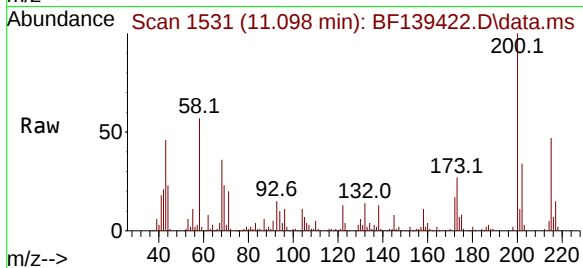
215 46.7 28.2 68.2

Manual Integrations

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Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#70

Pentachlorophenol

Concen: 86.770 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

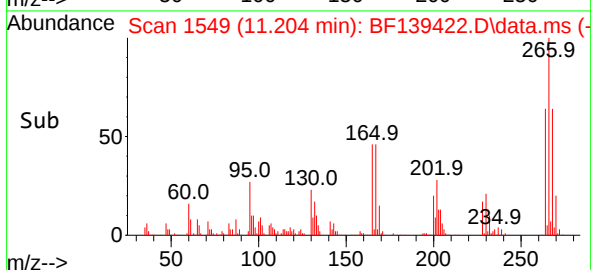
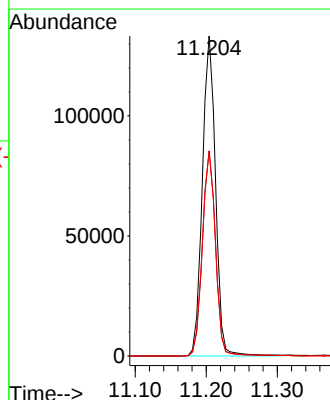
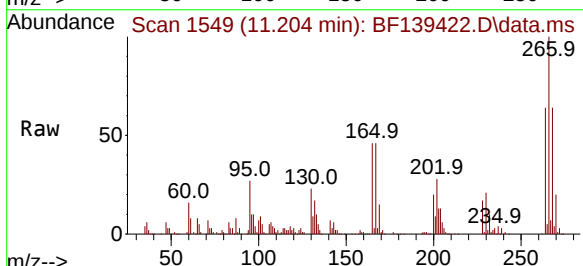
Tgt Ion:266 Resp: 172152

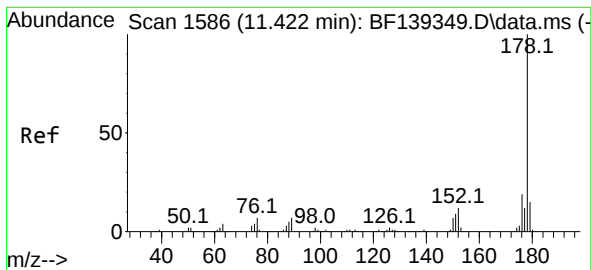
Ion Ratio Lower Upper

266 100

268 64.1 51.1 76.7

264 64.1 51.4 77.0





#71

Phenanthrene

Concen: 46.264 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:178 Resp: 63455

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

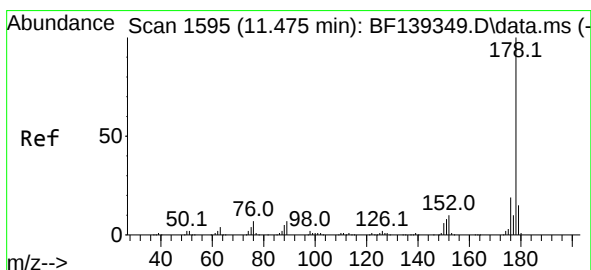
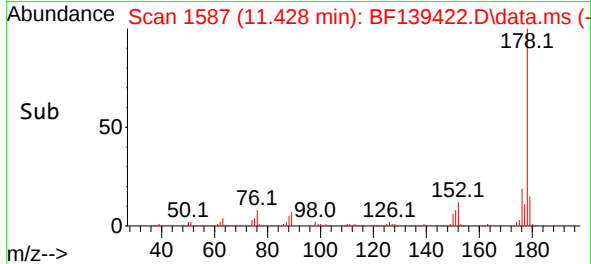
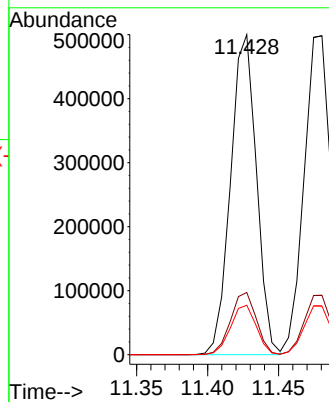
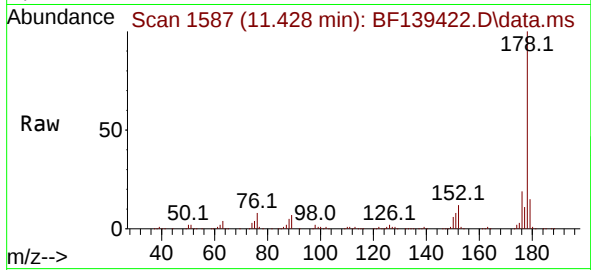
179 15.4 12.2 18.4

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Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#72

Anthracene

Concen: 48.608 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

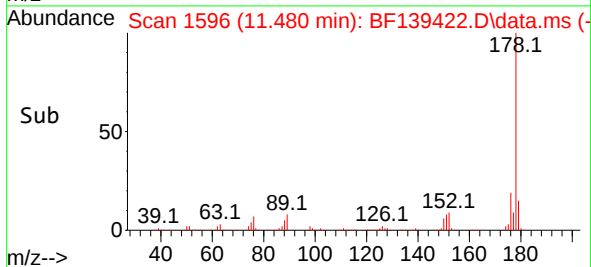
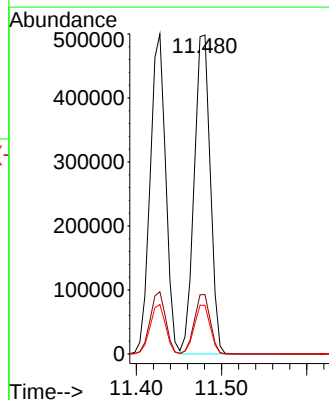
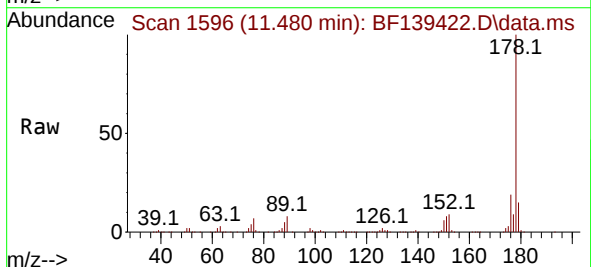
Tgt Ion:178 Resp: 651859

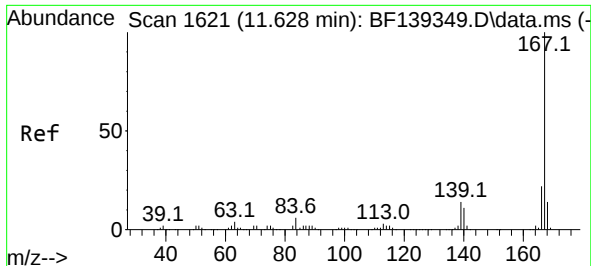
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

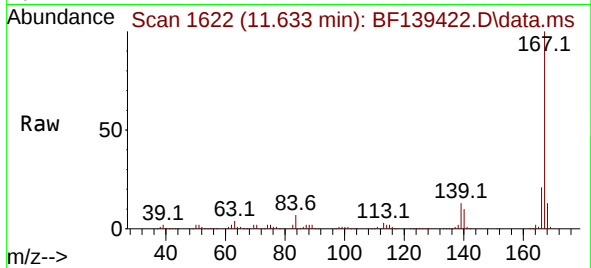
179 15.2 12.0 18.0





#73
Carbazole
Concen: 43.990 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

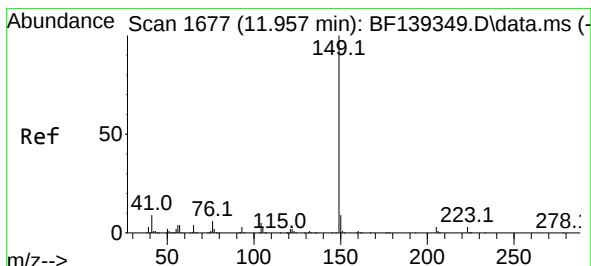
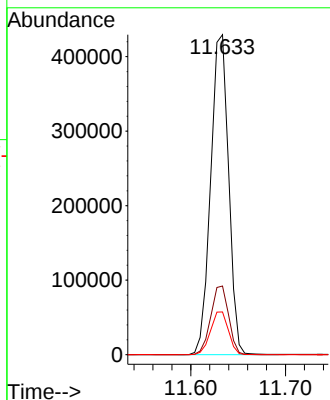
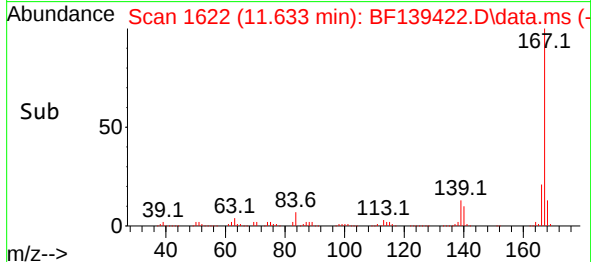
Instrument :
BNA_F
ClientSampleId :
PB163372BS



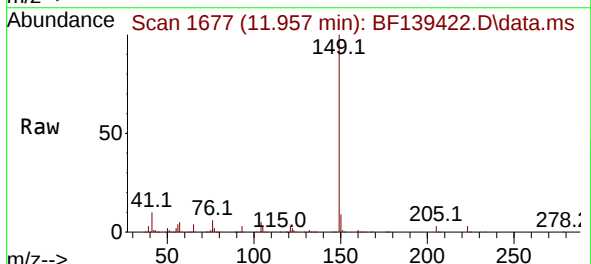
Tgt Ion:167 Resp: 56461
Ion Ratio Lower Upper
167 100
166 21.5 17.5 26.3
139 13.3 10.9 16.3

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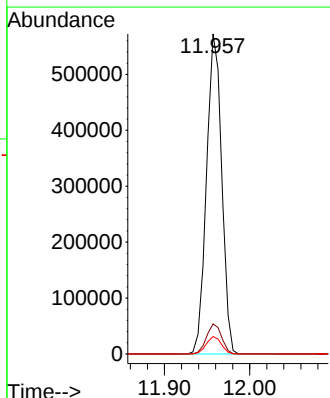
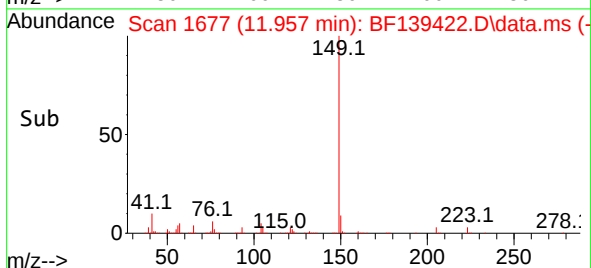
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

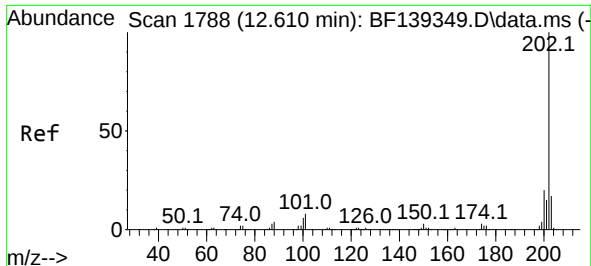


#74
Di-n-butylphthalate
Concen: 49.531 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



Tgt Ion:149 Resp: 708198
Ion Ratio Lower Upper
149 100
150 9.4 7.3 10.9
104 5.5 4.3 6.5





#75
Fluoranthene
Concen: 43.212 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

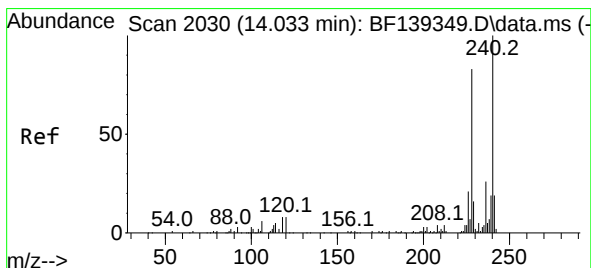
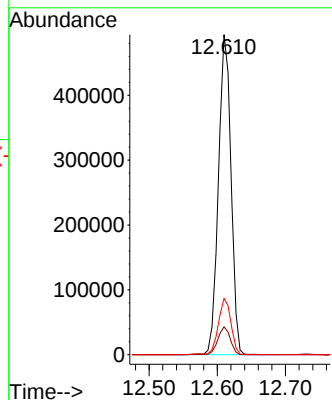
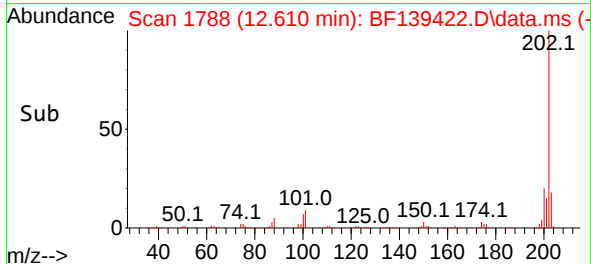
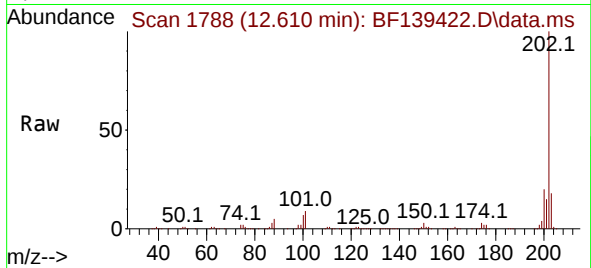
PB163372BS

Tgt Ion:202 Resp: 632948
Ion Ratio Lower Upper
202 100
101 8.7 0.0 27.7
203 17.5 0.0 37.4

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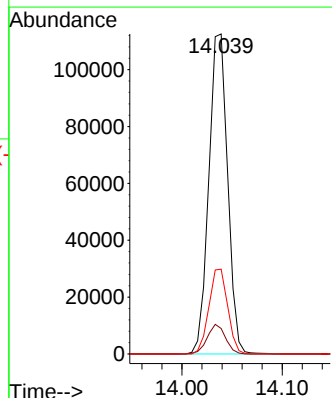
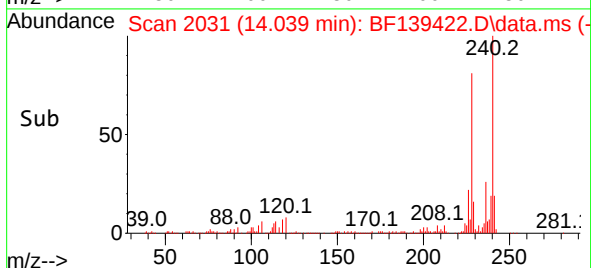
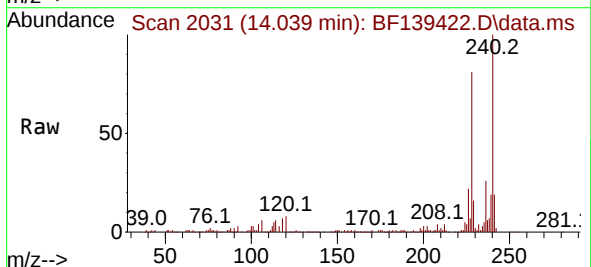
APPROVED

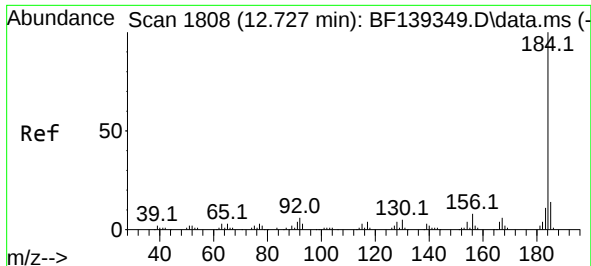
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:240 Resp: 147073
Ion Ratio Lower Upper
240 100
120 7.9 6.2 9.2
236 26.5 20.9 31.3





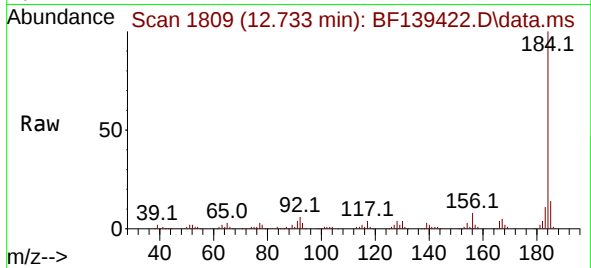
#77
Benzidine
Concen: 74.333 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



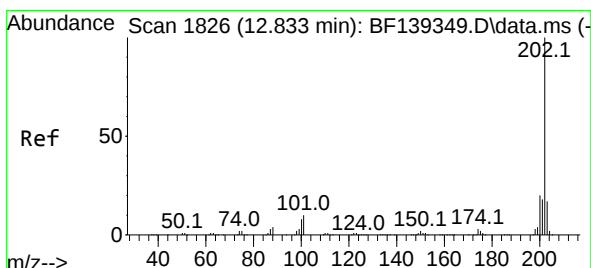
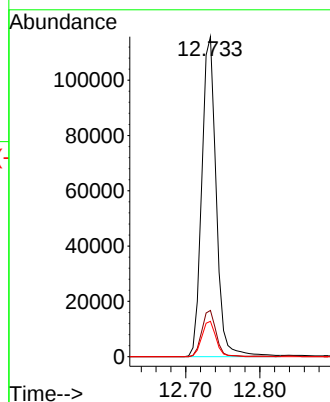
Tgt Ion:184 Resp: 156629
Ion Ratio Lower Upper
184 100
185 14.5 11.5 17.3
183 11.1 8.9 13.3

Manual Integrations

APPROVED

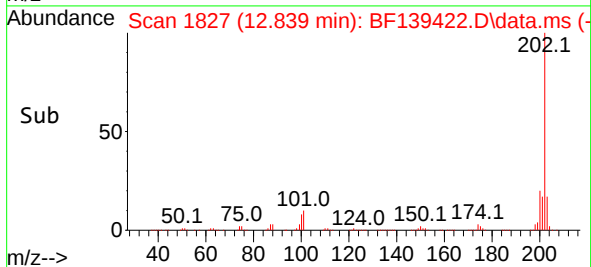
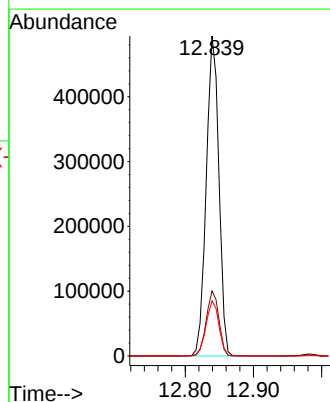
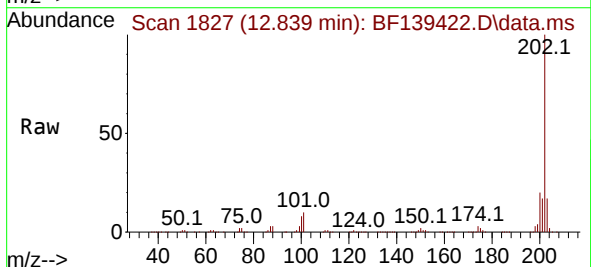
Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#78
Pyrene
Concen: 50.406 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:202 Resp: 636542
Ion Ratio Lower Upper
202 100
200 20.3 16.2 24.2
203 17.2 13.9 20.9





#79

Terphenyl-d14

Concen: 106.044 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139422.D

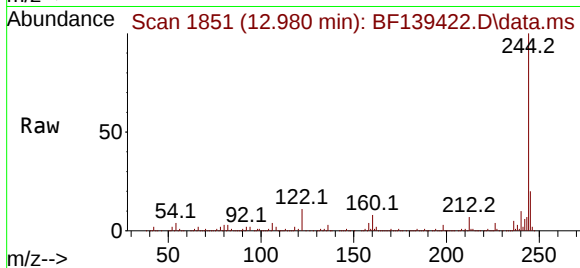
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



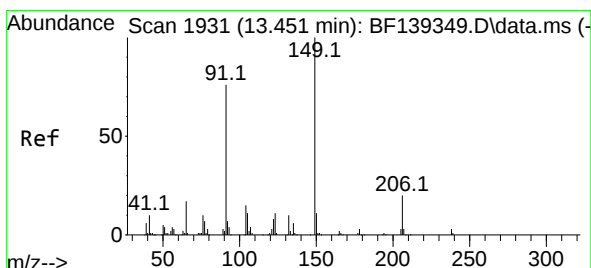
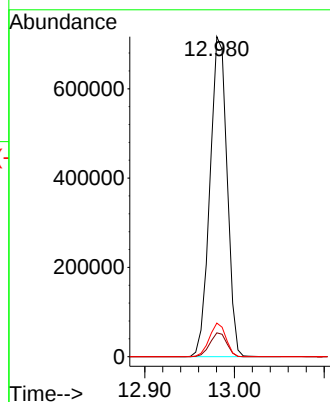
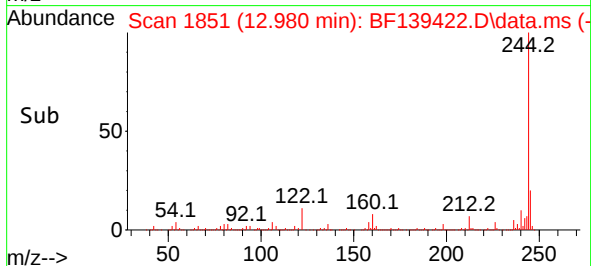
Tgt Ion:	244	Resp:	95018
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	10.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#80

Butylbenzylphthalate

Concen: 53.704 ng

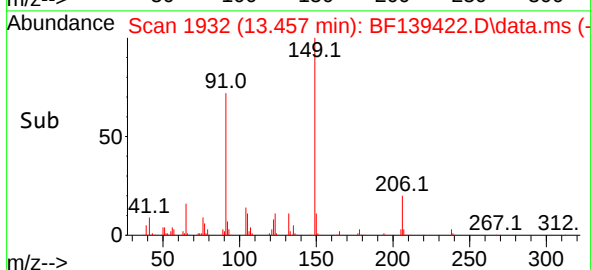
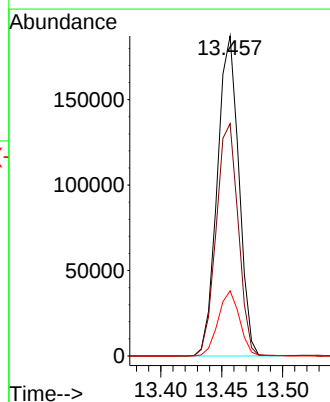
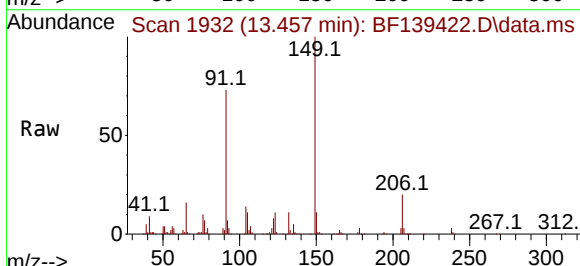
RT: 13.457 min Scan# 1932

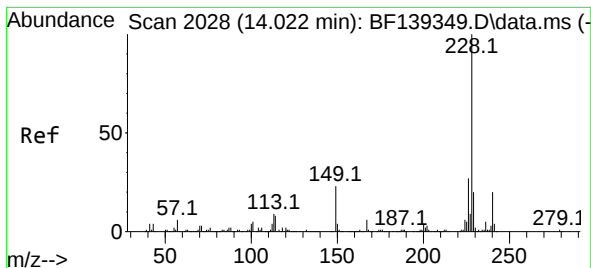
Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:	149	Resp:	230838
Ion Ratio	Lower	Upper	
149	100		
91	72.6	60.9	91.3
206	20.3	15.8	23.8





#81

Benzo(a)anthracene

Concen: 47.775 ng

RT: 14.027 min Scan# 2028

Delta R.T. 0.006 min

Lab File: BF139422.D

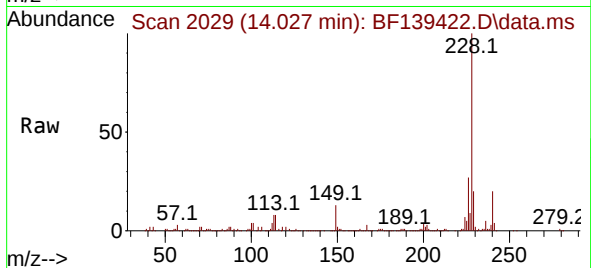
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



Tgt Ion:228 Resp: 465430

Ion Ratio Lower Upper

228 100

226 27.4 21.6 32.4

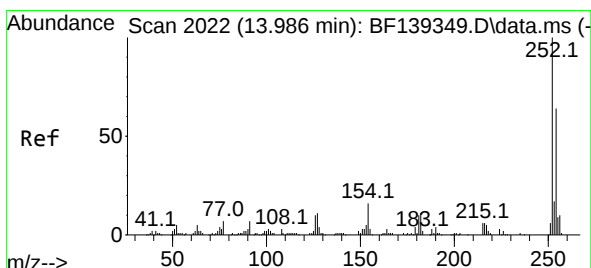
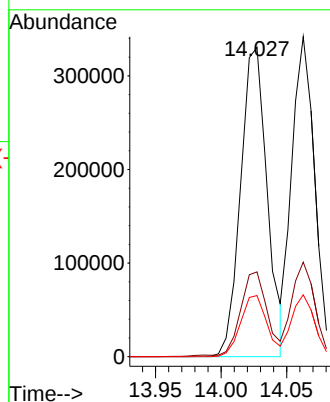
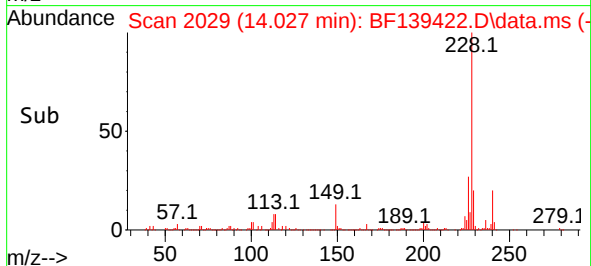
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#82

3,3'-Dichlorobenzidine

Concen: 39.617 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

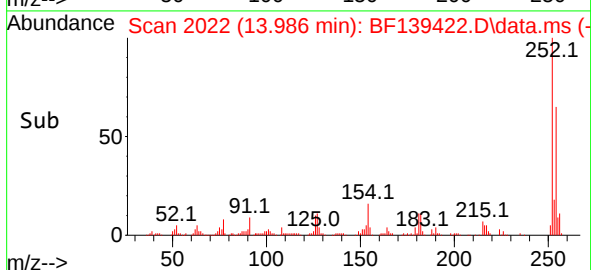
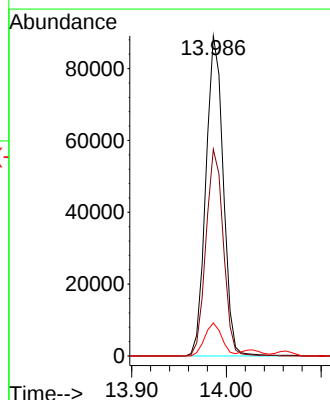
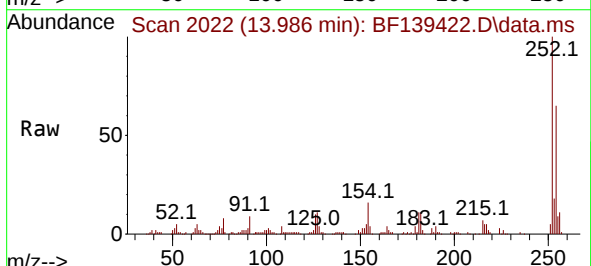
Tgt Ion:252 Resp: 113027

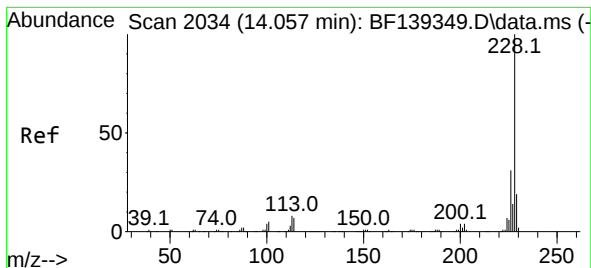
Ion Ratio Lower Upper

252 100

254 64.6 51.4 77.2

126 10.3 7.7 11.5





#83

Chrysene

Concen: 46.052 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

Tgt Ion:228 Resp: 41275

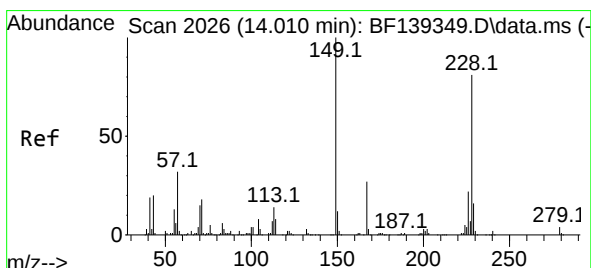
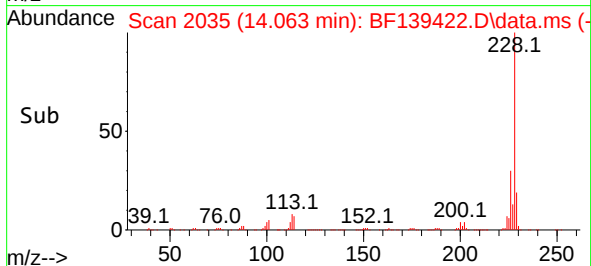
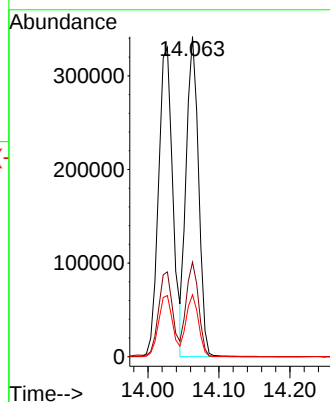
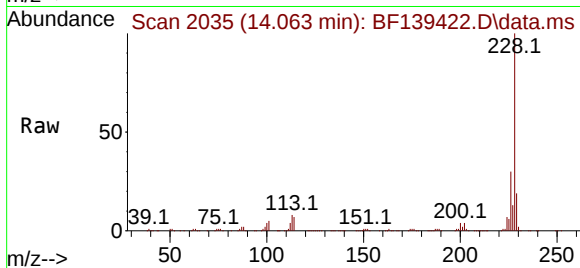
Ion	Ratio	Lower	Upper
228	100		
226	29.6	24.1	36.1
229	19.3	15.4	23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.917 ng

RT: 14.010 min Scan# 2026

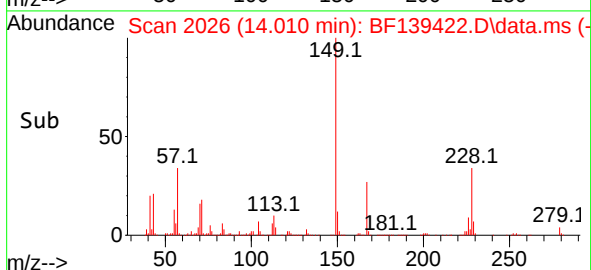
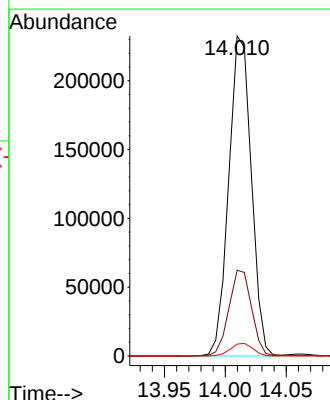
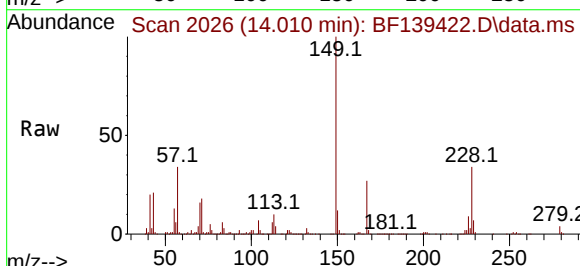
Delta R.T. -0.000 min

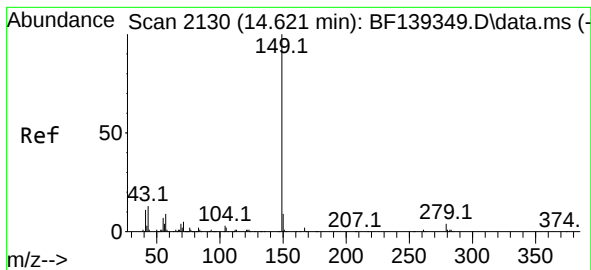
Lab File: BF139422.D

Acq: 18 Sep 2024 12:36

Tgt Ion:149 Resp: 300292

Ion	Ratio	Lower	Upper
149	100		
167	26.8	21.6	32.4
279	3.7	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 55.666 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

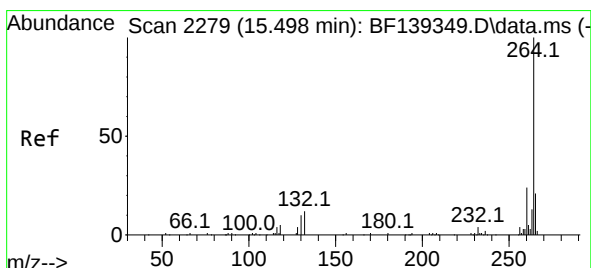
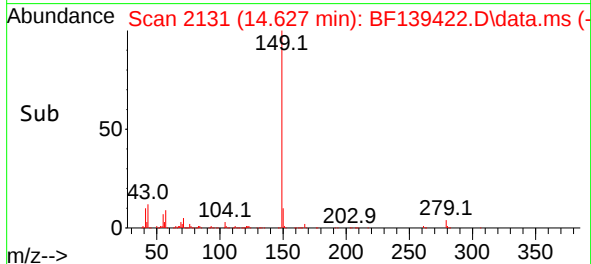
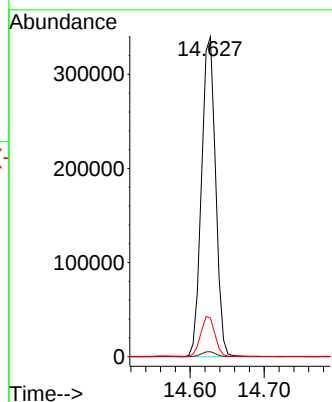
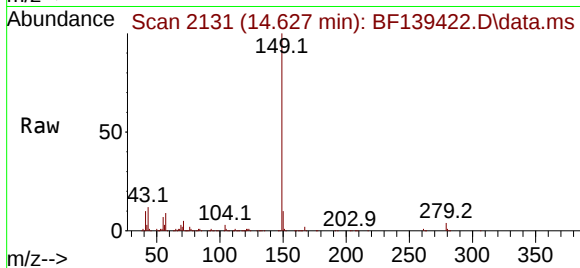
PB163372BS

Tgt Ion:149 Resp: 44827
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 12.6 10.6 16.0

Manual Integrations

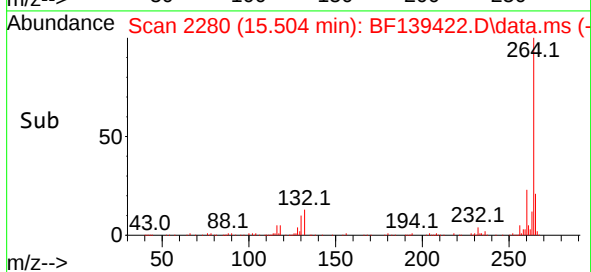
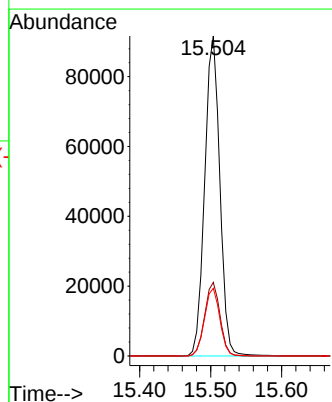
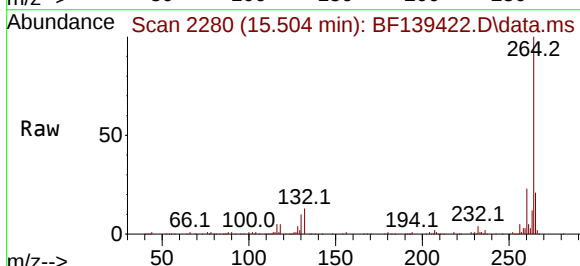
APPROVED

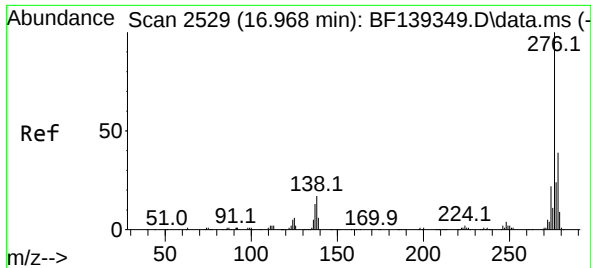
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:264 Resp: 135838
Ion Ratio Lower Upper
264 100
260 23.0 19.5 29.3
265 21.2 16.6 25.0





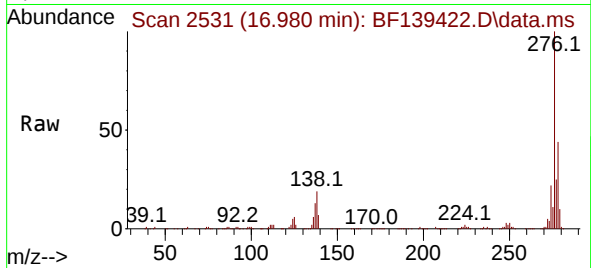
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.170 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS



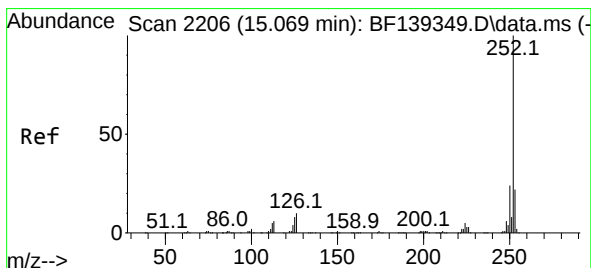
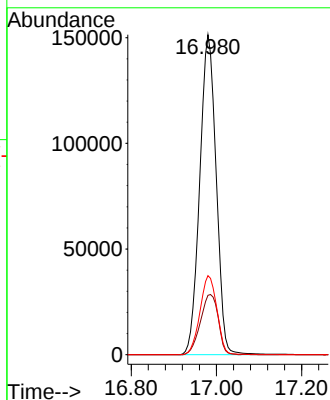
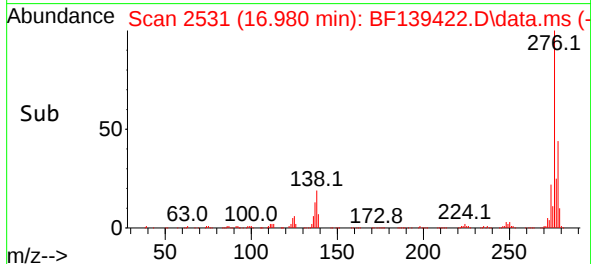
Tgt Ion:276 Resp: 405240
 Ion Ratio Lower Upper
 276 100
 138 20.3 15.4 23.2
 277 25.4 20.4 30.6

Manual Integrations

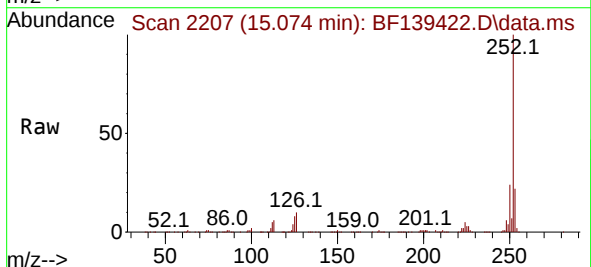
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

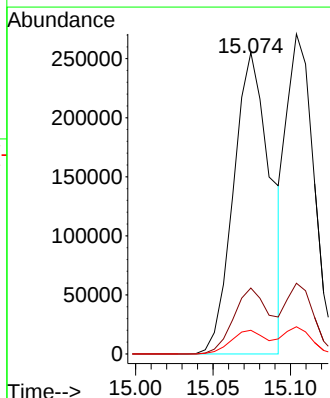
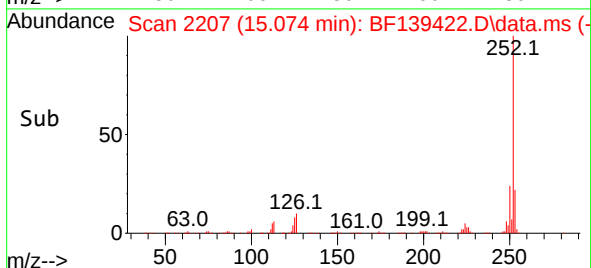
Supervised By :mohammad ahmed 09/20/2024

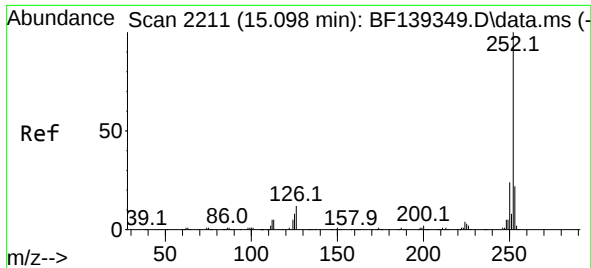


#88
 Benzo(b)fluoranthene
 Concen: 50.335 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139422.D
 Acq: 18 Sep 2024 12:36



Tgt Ion:252 Resp: 421690
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 7.9 6.2 9.2





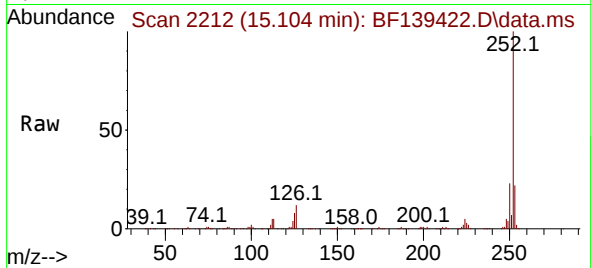
#89
Benzo(k)fluoranthene
Concen: 43.179 ng
RT: 15.104 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

PB163372BS

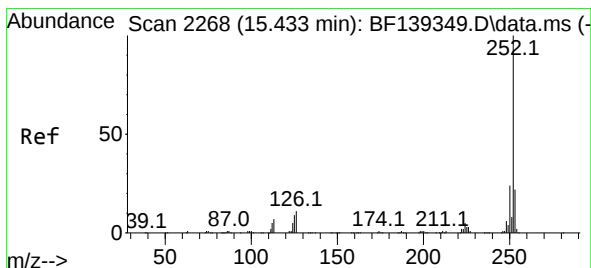
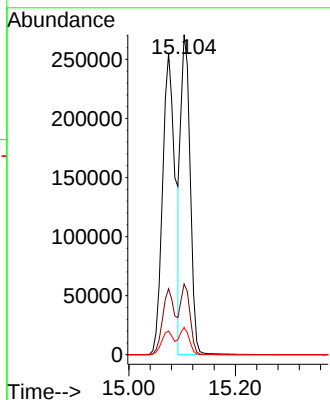
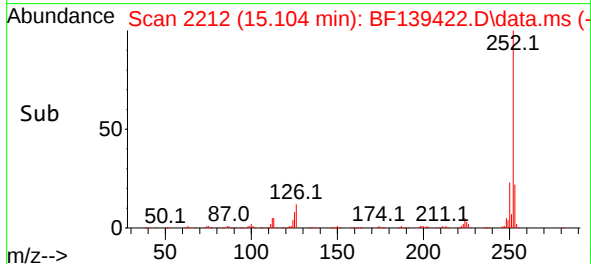


Tgt Ion:252 Resp: 333530
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 8.5 5.9 8.9

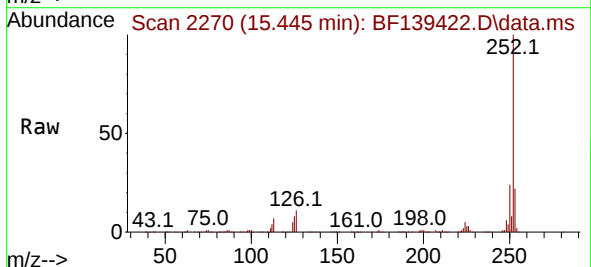
Manual Integrations

APPROVED

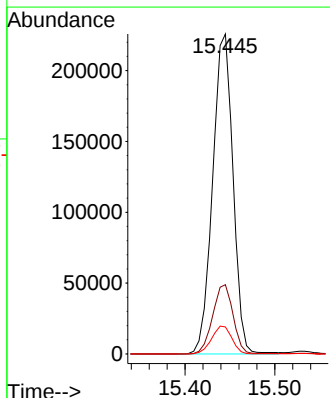
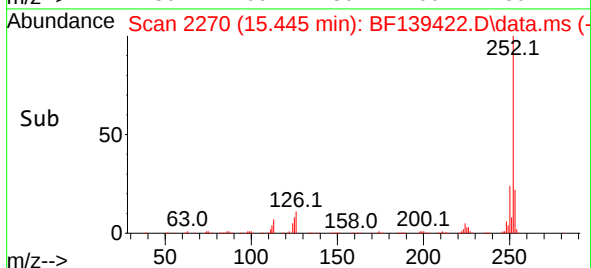
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

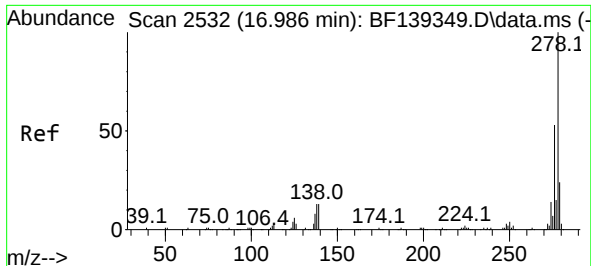


#90
Benzo(a)pyrene
Concen: 51.197 ng
RT: 15.445 min Scan# 2270
Delta R.T. 0.012 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36



Tgt Ion:252 Resp: 355718
Ion Ratio Lower Upper
252 100
253 21.7 17.3 25.9
125 8.4 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 49.862 ng
RT: 16.998 min Scan# 2534
Delta R.T. 0.012 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Instrument :

BNA_F

ClientSampleId :

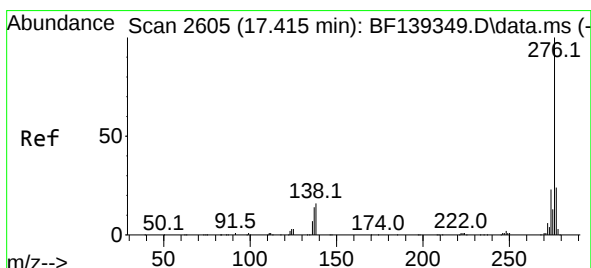
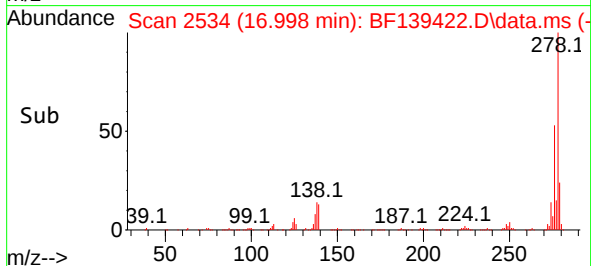
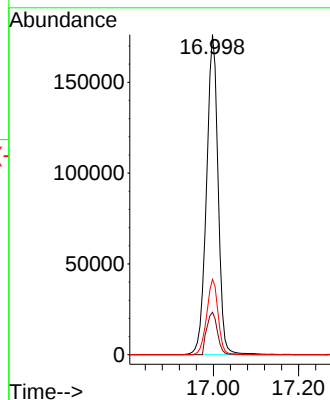
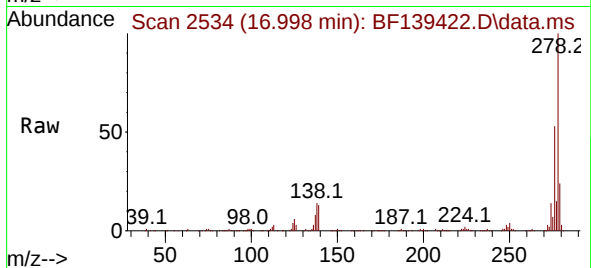
PB163372BS

Tgt Ion:278 Resp: 33280
Ion Ratio Lower Upper
278 100
139 13.2 10.2 15.2
279 23.5 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#92
Benzo(g,h,i)perylene
Concen: 45.200 ng
RT: 17.427 min Scan# 2607
Delta R.T. 0.012 min
Lab File: BF139422.D
Acq: 18 Sep 2024 12:36

Tgt Ion:276 Resp: 298711
Ion Ratio Lower Upper
276 100
277 23.2 18.9 28.3
138 17.4 13.0 19.6

