

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139418.D
 Acq On : 18 Sep 2024 10:43
 Operator : RC/JU
 Sample : PB163403BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163403BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 11:17:41 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	73012	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	274745	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	154775	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	284115	20.000	ng	0.00
76) Chrysene-d12	14.033	240	145851	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	132795	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	582899	130.240	ng	0.02
7) Phenol-d6	6.516	99	781589	133.048	ng	0.01
23) Nitrobenzene-d5	7.445	82	528443	90.422	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	218846	132.814	ng	0.01
45) 2-Fluorobiphenyl	9.239	172	989273	89.645	ng	0.00
79) Terphenyl-d14	12.980	244	955702	107.554	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	61468	34.232	ng	99
3) Pyridine	3.522	79	161050	40.680	ng	98
4) n-Nitrosodimethylamine	3.481	42	138219	40.281	ng	92
6) Aniline	6.540	93	233927	52.766	ng	# 69
8) 2-Chlorophenol	6.663	128	208721	45.305	ng	99
9) Benzaldehyde	6.428	77	50374	14.842	ng	98
10) Phenol	6.528	94	279332	46.687	ng	90
11) bis(2-Chloroethyl)ether	6.616	93	195012	42.884	ng	99
12) 1,3-Dichlorobenzene	6.822	146	218343	41.673	ng	99
13) 1,4-Dichlorobenzene	6.898	146	227206	42.912	ng	98
14) 1,2-Dichlorobenzene	7.046	146	213268	42.628	ng	99
15) Benzyl Alcohol	7.022	79	215605	46.003	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	359196	51.253	ng	96
17) 2-Methylphenol	7.134	107	168704	46.090	ng	99
18) Hexachloroethane	7.393	117	85889	42.589	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	167090	47.999	ng	99
20) 3+4-Methylphenols	7.287	107	226755	45.407	ng	92
22) Acetophenone	7.293	105	310149	43.180	ng	97
24) Nitrobenzene	7.463	77	250853	41.705	ng	98
25) Isophorone	7.698	82	437716	47.358	ng	99
26) 2-Nitrophenol	7.781	139	111734	47.680	ng	94
27) 2,4-Dimethylphenol	7.816	122	174315	56.392	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	246770	46.846	ng	99
29) 2,4-Dichlorophenol	8.016	162	181712	46.273	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	191462	41.845	ng	99
31) Naphthalene	8.187	128	631242	44.010	ng	100
32) Benzoic acid	7.940	122	120486	41.651	ng	94
33) 4-Chloroaniline	8.228	127	160753	36.635	ng	99
34) Hexachlorobutadiene	8.298	225	130544	41.995	ng	100
35) Caprolactam	8.604	113	53793m	44.532	ng	
36) 4-Chloro-3-methylphenol	8.716	107	203757	45.401	ng	97
37) 2-Methylnaphthalene	8.875	142	418983	46.021	ng	99
38) 1-Methylnaphthalene	8.975	142	381999	42.738	ng	98
40) 1,2,4,5-Tetrachloroben...	9.040	216	199943	43.589	ng	98
41) Hexachlorocyclopentadiene	9.028	237	258744	161.553	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	139616	46.783	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139418.D
 Acq On : 18 Sep 2024 10:43
 Operator : RC/JU
 Sample : PB163403BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163403BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 11:17:41 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)
44) 2,4,5-Trichlorophenol	9.198	196	138497	43.996	ng	97
46) 1,1'-Biphenyl	9.339	154	522768	43.903	ng	100
47) 2-Chloronaphthalene	9.363	162	385639	43.315	ng	99
48) 2-Nitroaniline	9.457	65	147670	44.594	ng	98
49) Acenaphthylene	9.781	152	633794	47.292	ng	100
50) Dimethylphthalate	9.639	163	460589	45.340	ng	100
51) 2,6-Dinitrotoluene	9.704	165	101543	45.122	ng	93
52) Acenaphthene	9.951	154	471069	50.363	ng	100
53) 3-Nitroaniline	9.869	138	77670	34.535	ng	97
54) 2,4-Dinitrophenol	9.975	184	121739	97.081	ng	94
55) Dibenzofuran	10.122	168	584065	44.801	ng	98
56) 4-Nitrophenol	10.034	139	162272	87.197	ng	87
57) 2,4-Dinitrotoluene	10.104	165	137211	45.161	ng	99
58) Fluorene	10.463	166	461581	43.394	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	119853	46.025	ng	98
60) Diethylphthalate	10.339	149	476449	45.449	ng	98
61) 4-Chlorophenyl-phenyle...	10.457	204	227770	44.061	ng	97
62) 4-Nitroaniline	10.486	138	101033	41.161	ng	96
63) Azobenzene	10.616	77	470097	45.593	ng	97
65) 4,6-Dinitro-2-methylph...	10.510	198	75526	50.367	ng	99
66) n-Nitrosodiphenylamine	10.575	169	395491	47.612	ng	99
67) 4-Bromophenyl-phenylether	10.945	248	135075	47.976	ng	99
68) Hexachlorobenzene	11.010	284	149976	45.387	ng	99
69) Atrazine	11.104	200	127249	64.348	ng	99
70) Pentachlorophenol	11.204	266	178002	89.775	ng	98
71) Phenanthrene	11.428	178	635363	46.352	ng	99
72) Anthracene	11.481	178	650924	48.569	ng	99
73) Carbazole	11.633	167	563800	43.954	ng	100
74) Di-n-butylphthalate	11.957	149	710441	49.720	ng	99
75) Fluoranthene	12.610	202	643419	43.954	ng	99
77) Benzidine	12.733	184	156738	75.008	ng	99
78) Pyrene	12.839	202	638641	50.996	ng	100
80) Butylbenzylphthalate	13.457	149	227782	53.437	ng	97
81) Benzo(a)anthracene	14.027	228	462339	47.856	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	114141	40.343	ng	99
83) Chrysene	14.063	228	407248	45.818	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	289537	53.394	ng	100
85) Di-n-octyl phthalate	14.627	149	443714	55.561	ng	99
87) Indeno(1,2,3-cd)pyrene	16.980	276	396687	50.237	ng	99
88) Benzo(b)fluoranthene	15.074	252	415076	50.681	ng	99
89) Benzo(k)fluoranthene	15.104	252	324972	43.035	ng	99
90) Benzo(a)pyrene	15.445	252	348828	51.356	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	324951	49.801	ng	100
92) Benzo(g,h,i)perylene	17.427	276	299235	46.317	ng	98

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

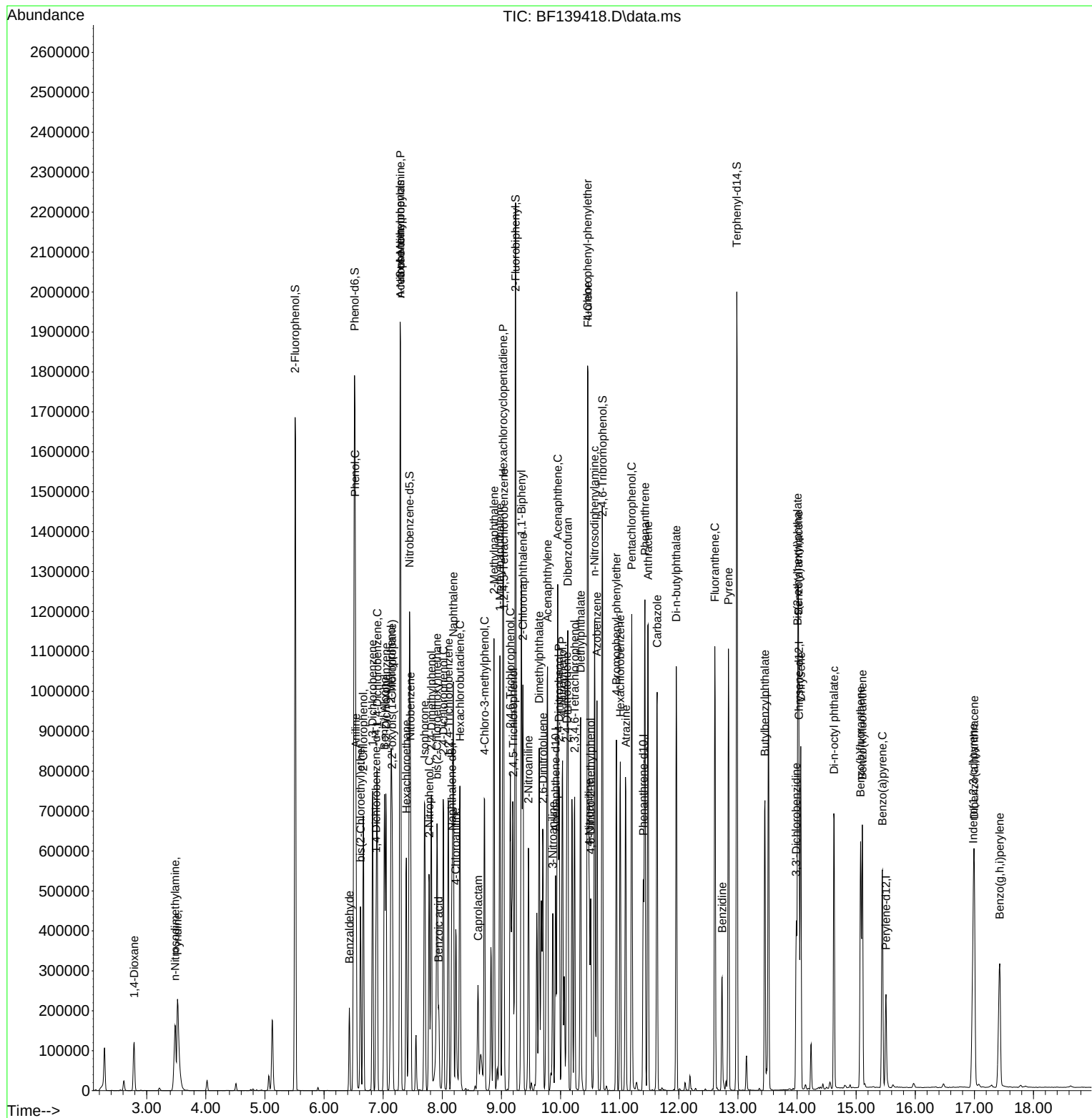
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091824\
 Data File : BF139418.D
 Acq On : 18 Sep 2024 10:43
 Operator : RC/JU
 Sample : PB163403BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

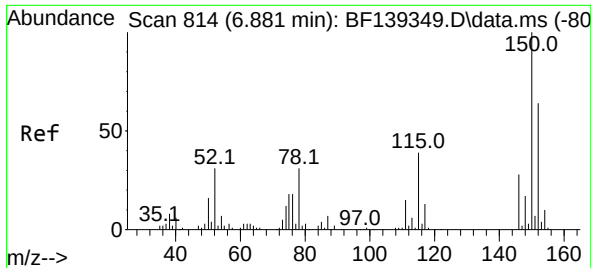
Instrument :
 BNA_F
 ClientSampleId :
 PB163403BS

Manual Integrations
 APPROVED

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

Quant Time: Sep 18 11:17:41 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





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

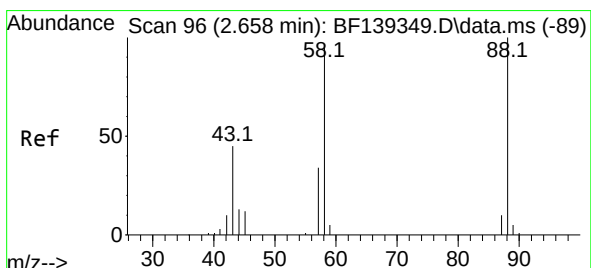
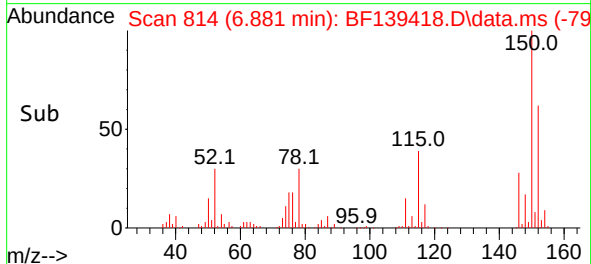
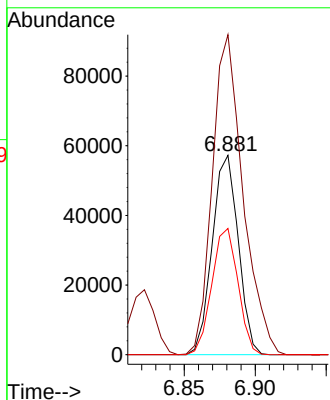
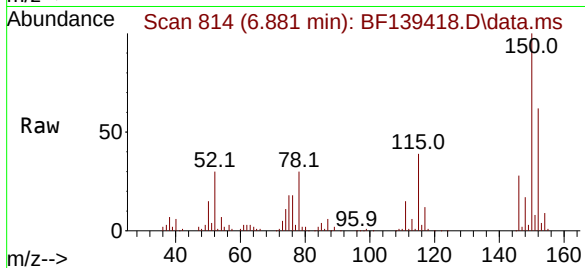
ClientSampleId :

PB163403BS

Tgt Ion:152 Resp: 73012
Ion Ratio Lower Upper
152 100
150 160.5 124.1 186.1
115 63.4 48.1 72.1

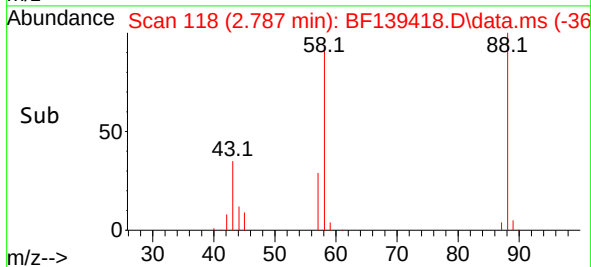
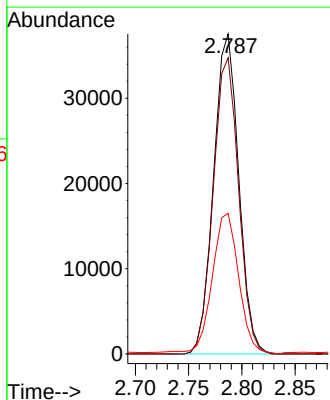
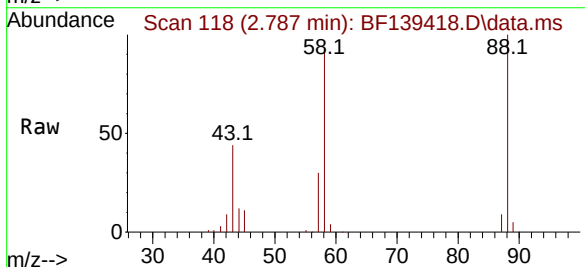
Manual Integrations
APPROVED

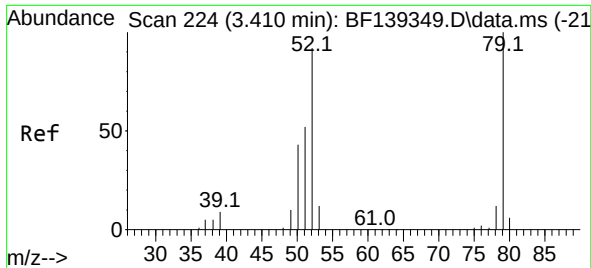
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#2
1,4-Dioxane
Concen: 34.232 ng
RT: 2.787 min Scan# 118
Delta R.T. 0.129 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 88 Resp: 61468
Ion Ratio Lower Upper
88 100
58 93.5 74.8 112.2
43 47.0 36.4 54.6





#3

Pyridine

Concen: 40.680 ng

RT: 3.522 min Scan# 243

Delta R.T. 0.112 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion: 79 Resp: 161050

Ion Ratio Lower Upper

79 100

52 95.4 73.8 110.8

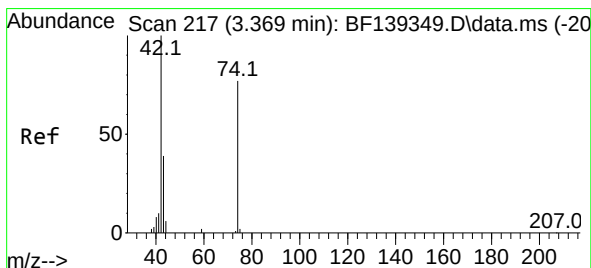
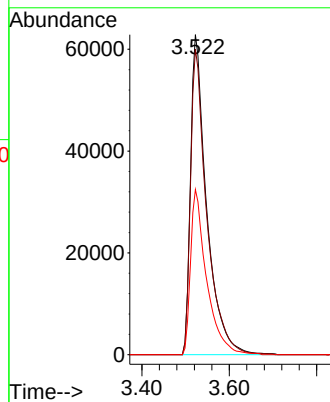
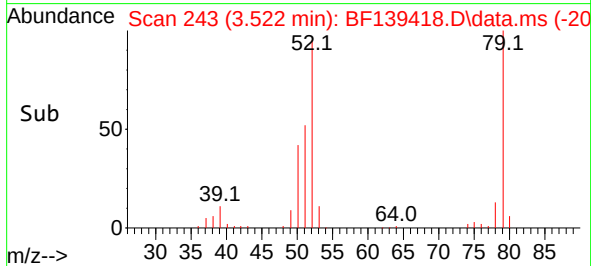
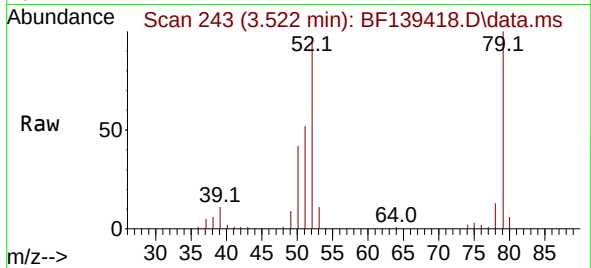
51 51.6 41.8 62.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#4

n-Nitrosodimethylamine

Concen: 40.281 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

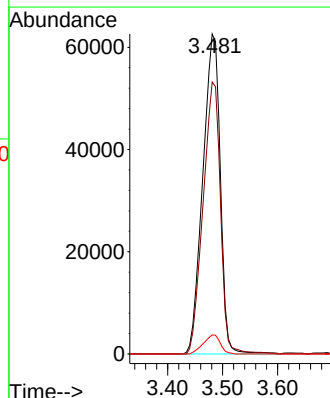
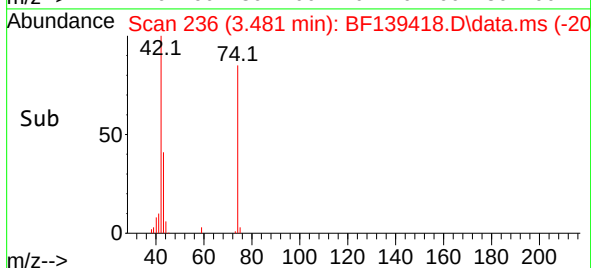
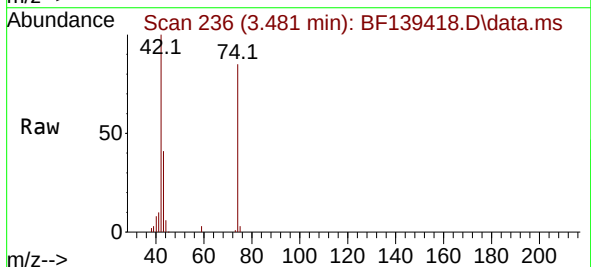
Tgt Ion: 42 Resp: 138219

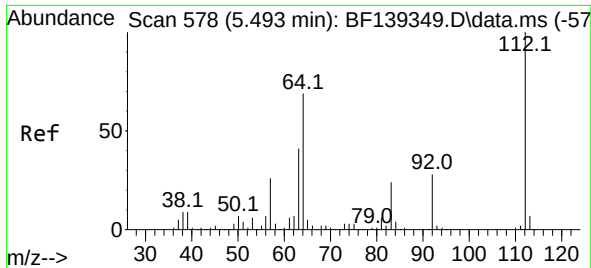
Ion Ratio Lower Upper

42 100

74 85.0 61.8 92.8

44 6.0 4.8 7.2





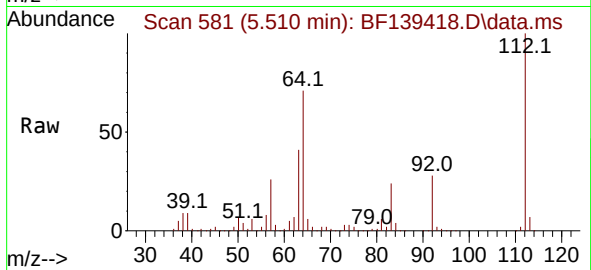
#5
2-Fluorophenol
Concen: 130.240 ng
RT: 5.510 min Scan# 510
Delta R.T. 0.017 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



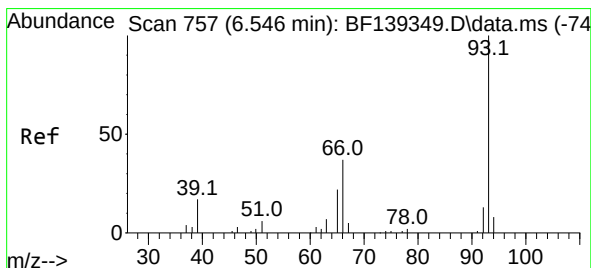
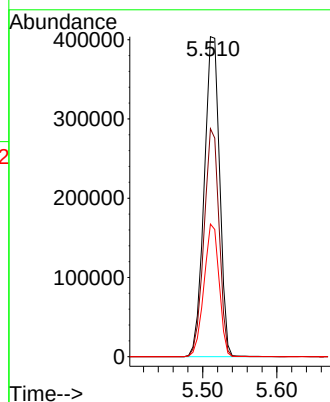
Tgt Ion:112 Resp: 58289
Ion Ratio Lower Upper
112 100
64 71.2 54.8 82.2
63 41.5 33.0 49.4

Manual Integrations

APPROVED

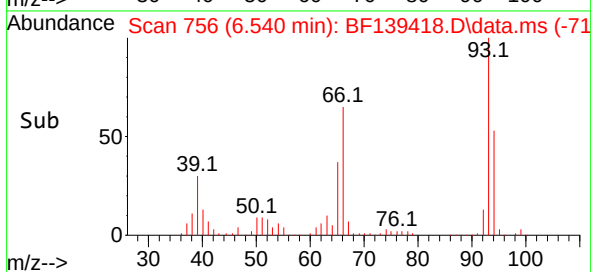
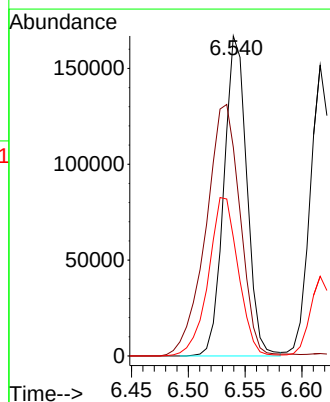
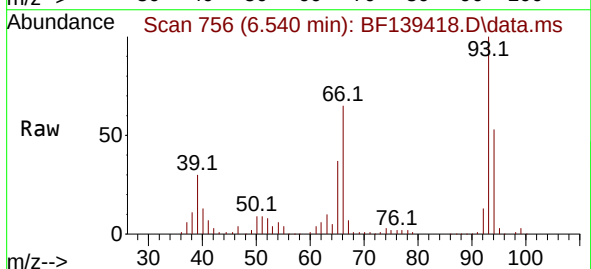
Reviewed By :Yogesh Patel 09/19/2024

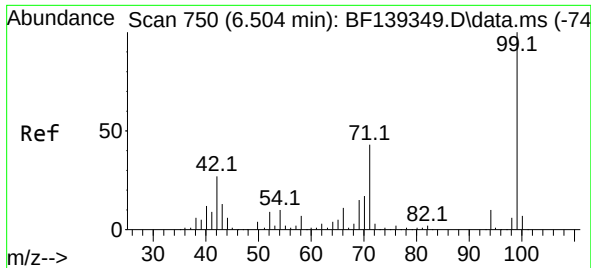
Supervised By :mohammad ahmed 09/20/2024



#6
Aniline
Concen: 52.766 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

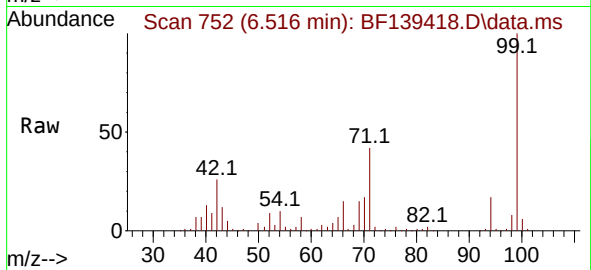
Tgt Ion: 93 Resp: 233927
Ion Ratio Lower Upper
93 100
66 65.2 35.4 53.0#
65 37.1 18.2 27.4#





#7
Phenol-d6
Concen: 133.048 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.012 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

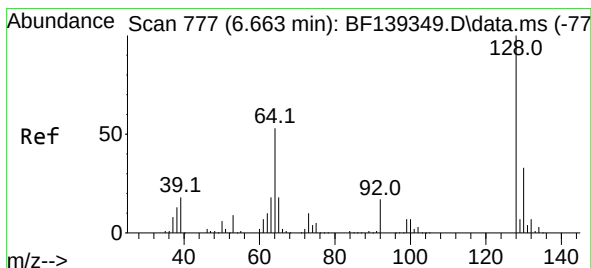
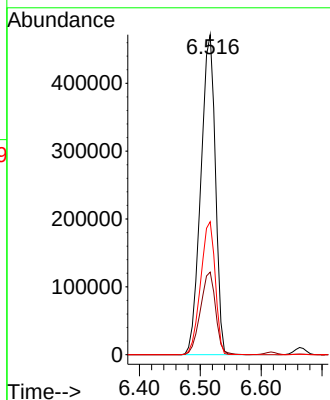
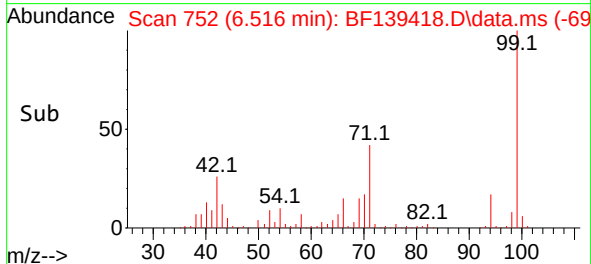
Instrument :
BNA_F
ClientSampleId :
PB163403BS



Tgt Ion: 99 Resp: 781589
Ion Ratio Lower Upper
99 100
42 25.8 21.9 32.9
71 41.6 34.6 52.0

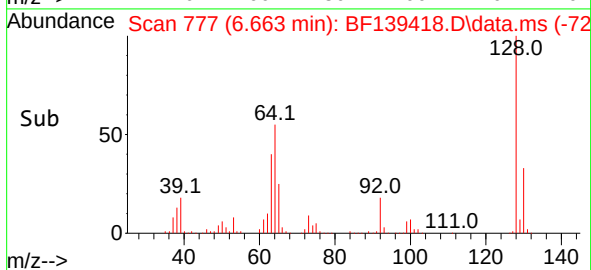
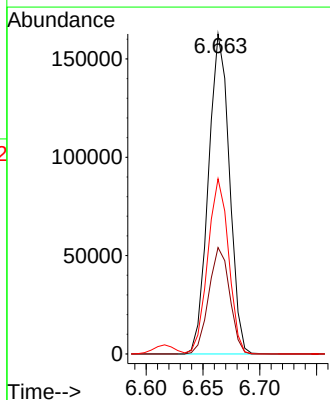
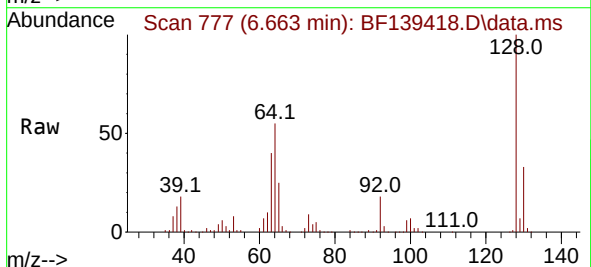
Manual Integrations
APPROVED

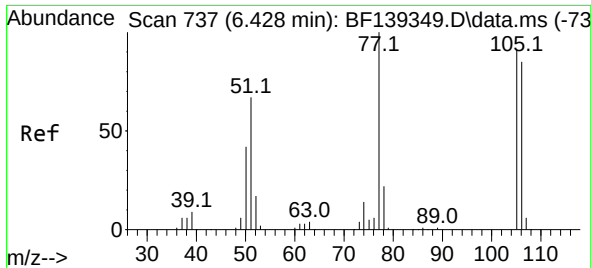
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#8
2-Chlorophenol
Concen: 45.305 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:128 Resp: 208721
Ion Ratio Lower Upper
128 100
130 33.3 12.8 52.8
64 54.8 35.1 75.1





#9
Benzaldehyde
Concen: 14.842 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

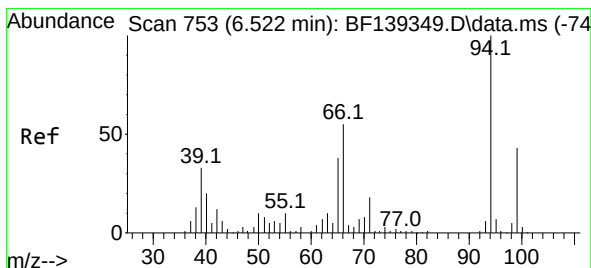
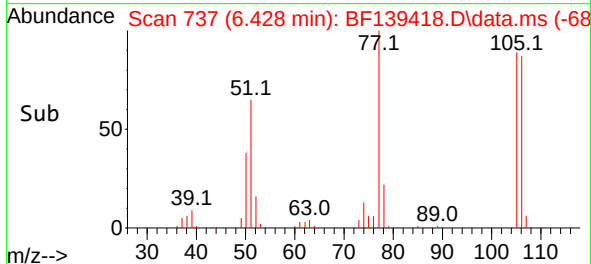
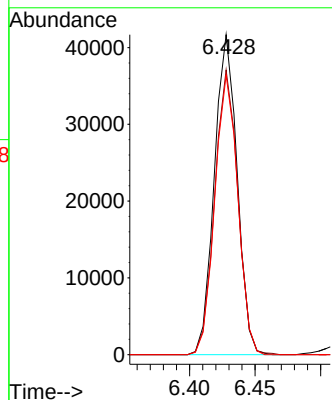
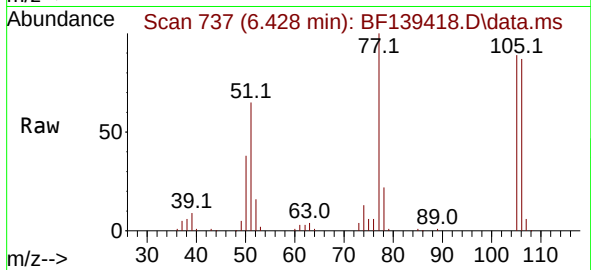
PB163403BS

Tgt Ion: 77 Resp: 50374
Ion Ratio Lower Upper
77 100
105 89.0 71.0 111.0
106 87.4 64.9 104.9

Manual Integrations

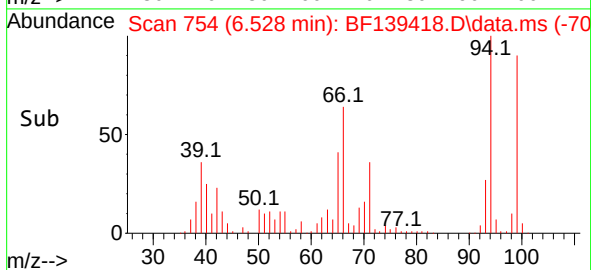
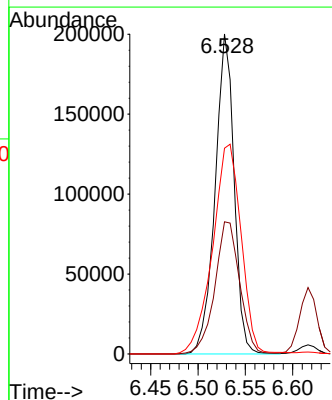
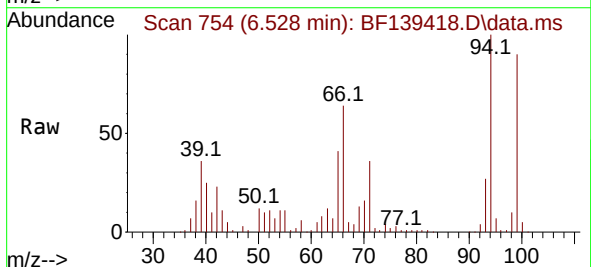
APPROVED

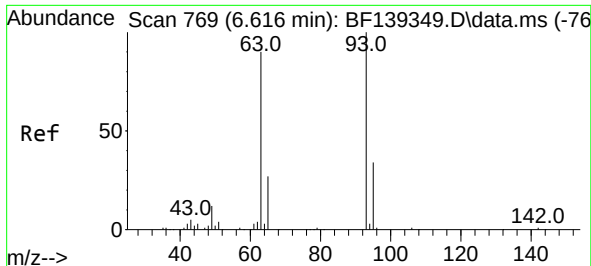
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#10
Phenol
Concen: 46.687 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 94 Resp: 279332
Ion Ratio Lower Upper
94 100
65 41.3 17.6 57.6
66 64.3 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 42.884 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

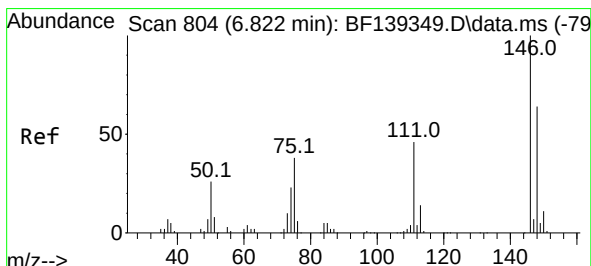
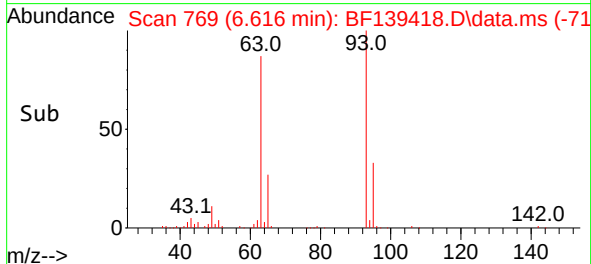
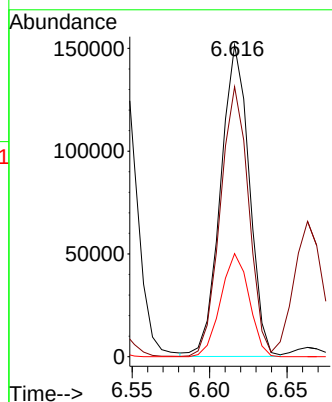
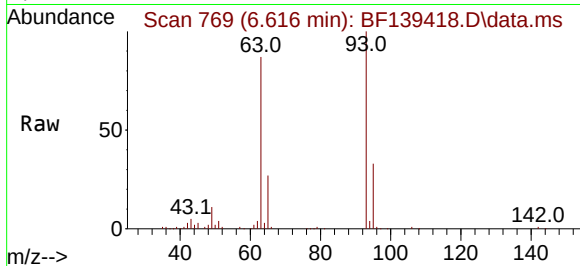
ClientSampleId :

PB163403BS

Tgt Ion: 93 Resp: 195012
Ion Ratio Lower Upper
93 100
63 86.6 65.3 105.3
95 33.1 12.4 52.4

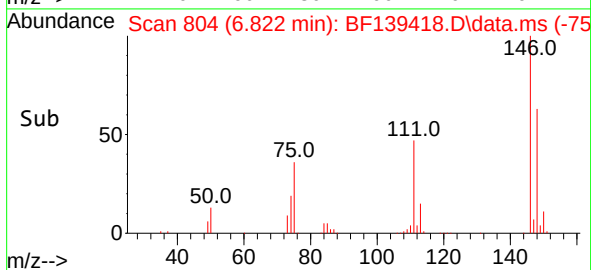
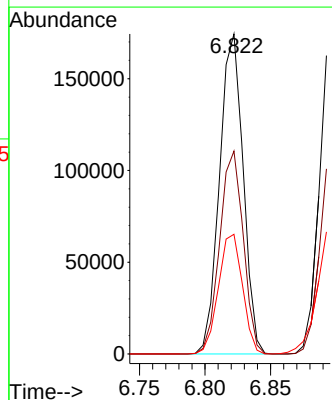
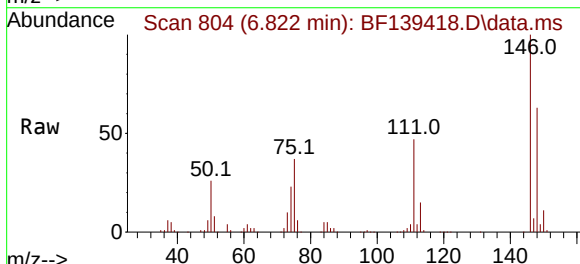
Manual Integrations
APPROVED

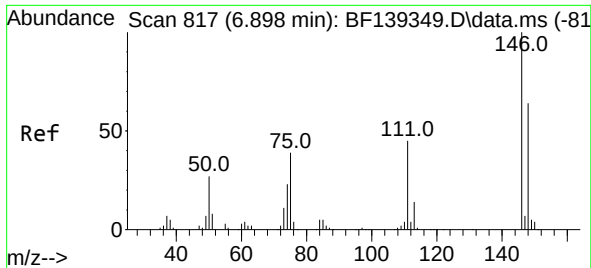
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#12
1,3-Dichlorobenzene
Concen: 41.673 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:146 Resp: 218343
Ion Ratio Lower Upper
146 100
148 63.4 51.2 76.8
75 37.4 30.6 46.0





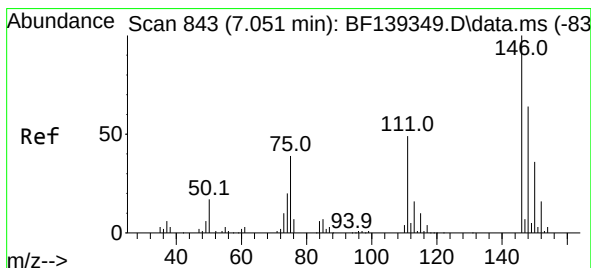
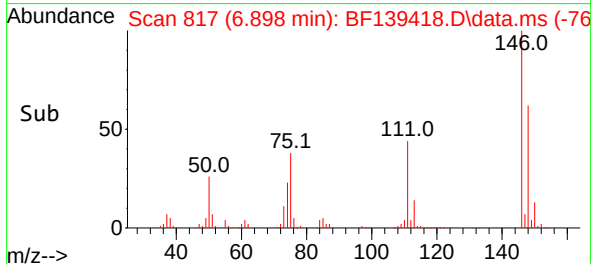
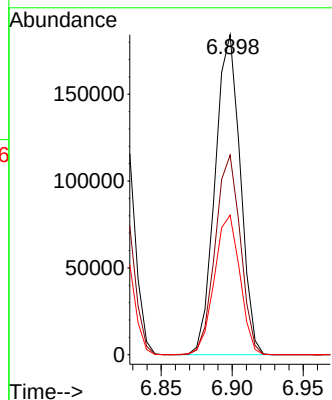
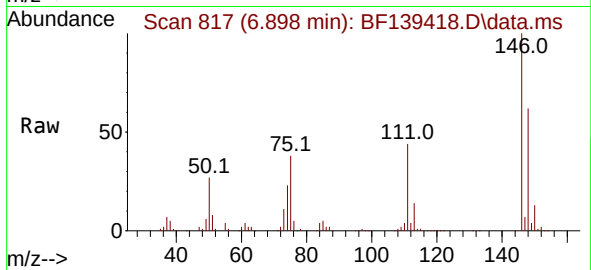
#13
1,4-Dichlorobenzene
Concen: 42.912 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB163403BS

Tgt Ion:146 Resp: 227200
Ion Ratio Lower Upper
146 100
148 62.4 50.9 76.3
111 43.6 36.3 54.5

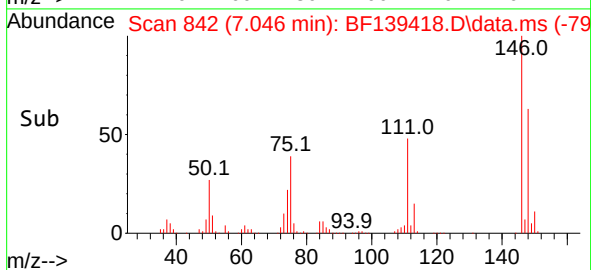
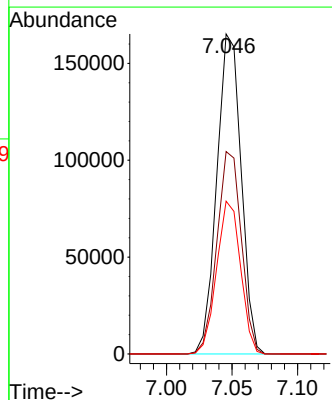
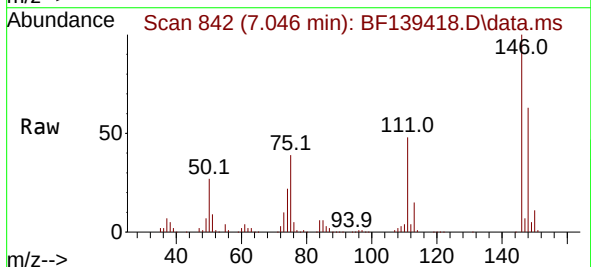
Manual Integrations
APPROVED

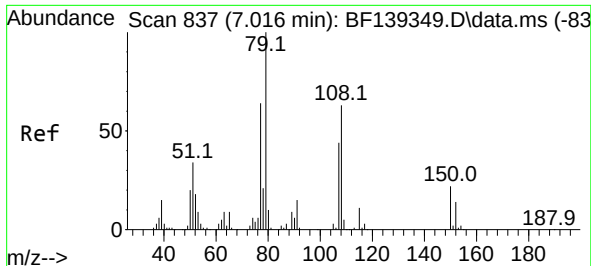
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#14
1,2-Dichlorobenzene
Concen: 42.628 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:146 Resp: 213268
Ion Ratio Lower Upper
146 100
148 63.3 50.9 76.3
111 47.8 38.9 58.3





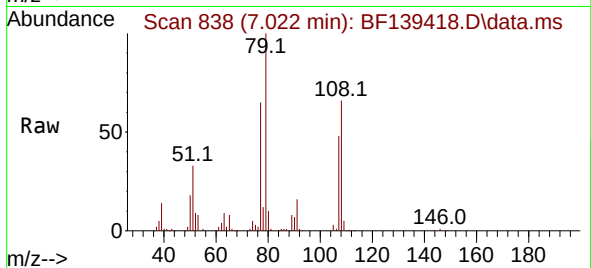
#15
Benzyl Alcohol
Concen: 46.003 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

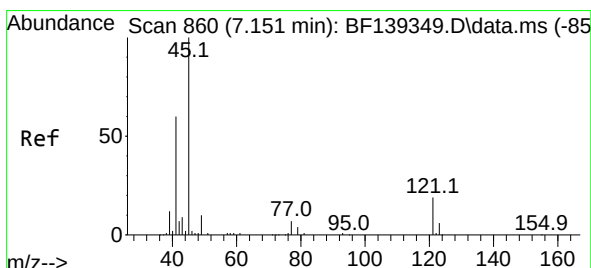
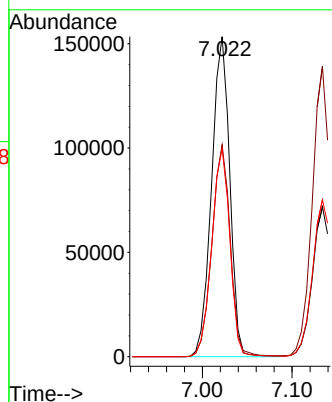
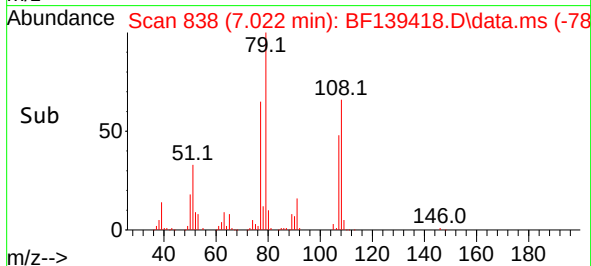


Tgt Ion: 79 Resp: 21560
Ion Ratio Lower Upper
79 100
108 66.2 50.4 75.6
77 65.1 51.4 77.2

Manual Integrations

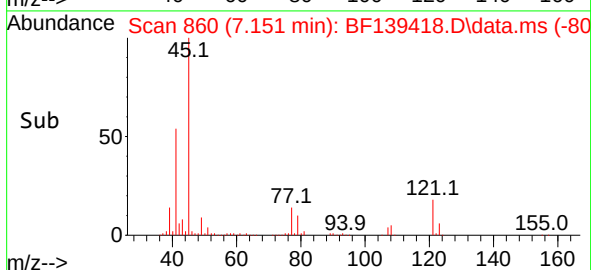
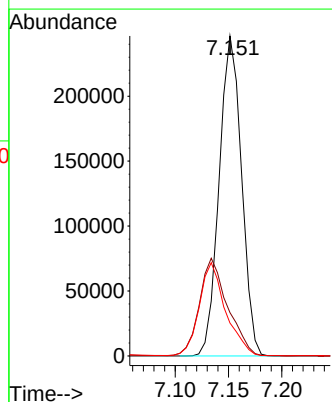
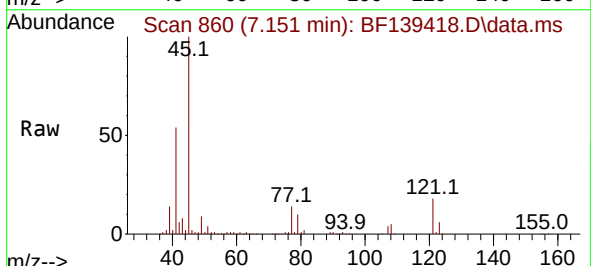
APPROVED

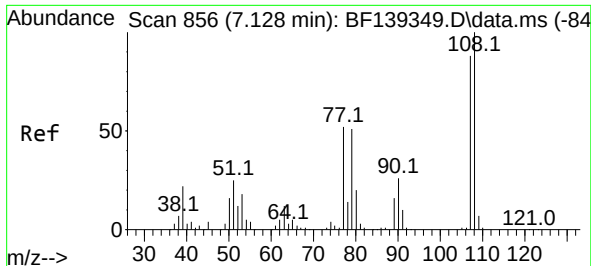
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.253 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion: 45 Resp: 359196
Ion Ratio Lower Upper
45 100
77 13.6 0.0 32.0
79 10.3 0.0 29.1





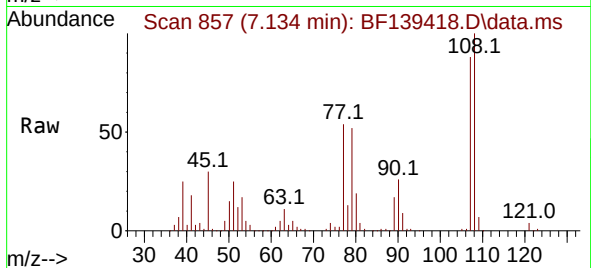
#17
2-Methylphenol
Concen: 46.090 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

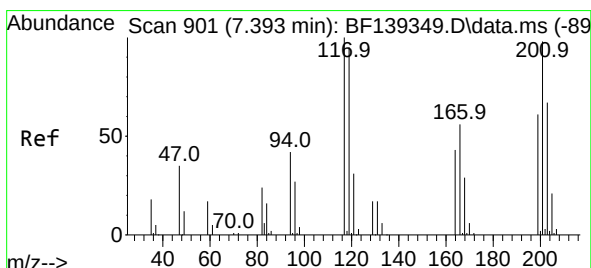
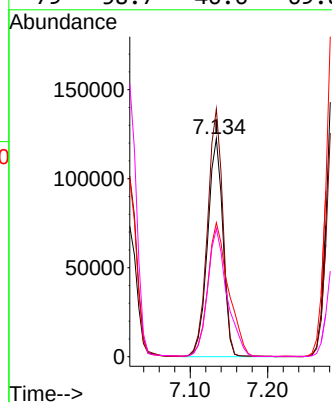


Tgt Ion:107 Resp: 168704
Ion Ratio Lower Upper
107 100
108 113.5 90.5 135.7
77 61.4 47.1 70.7
79 58.7 46.6 69.8

Manual Integrations

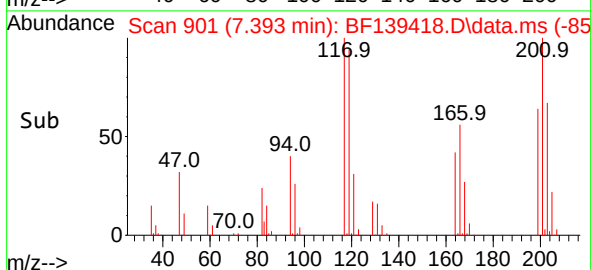
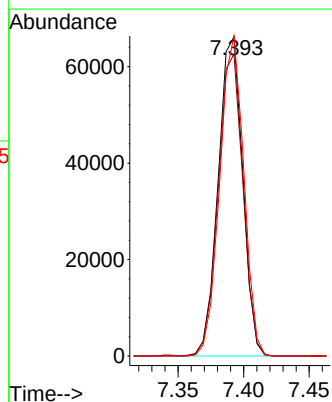
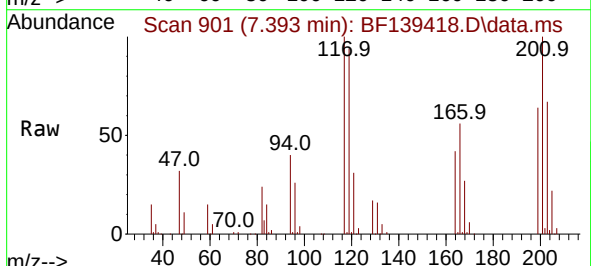
APPROVED

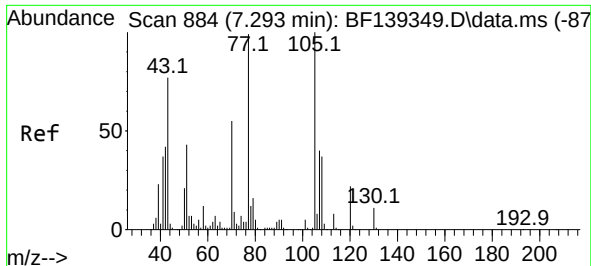
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#18
Hexachloroethane
Concen: 42.589 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:117 Resp: 85889
Ion Ratio Lower Upper
117 100
119 94.6 75.8 113.8
201 100.3 78.6 118.0





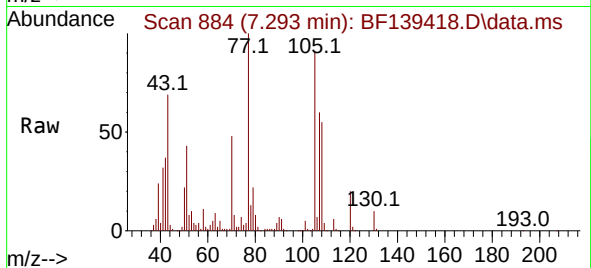
#19
n-Nitroso-di-n-propylamine
Concen: 47.999 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



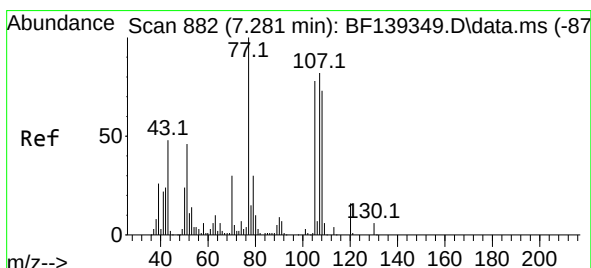
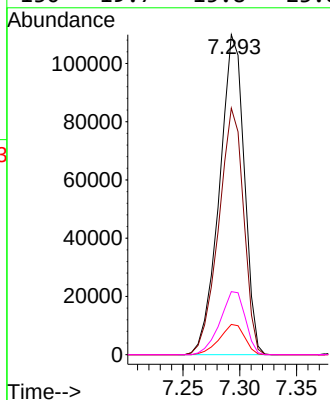
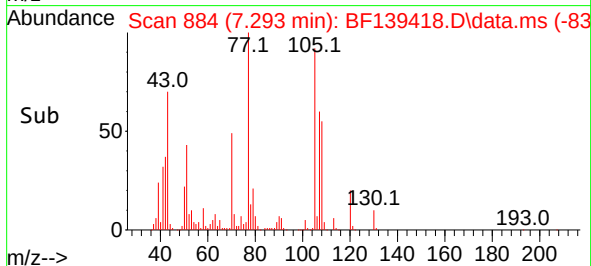
Tgt Ion: 70 Resp: 167090
Ion Ratio Lower Upper
70 100
42 77.0 61.2 91.8
101 9.5 7.5 11.3
130 19.7 15.8 23.8

Manual Integrations

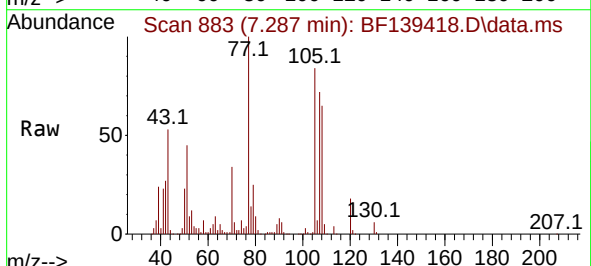
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

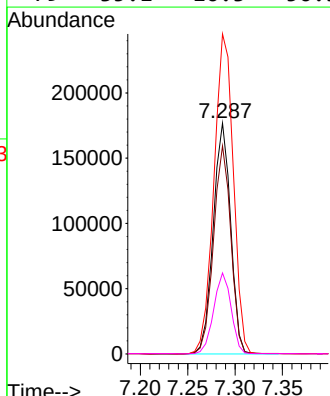
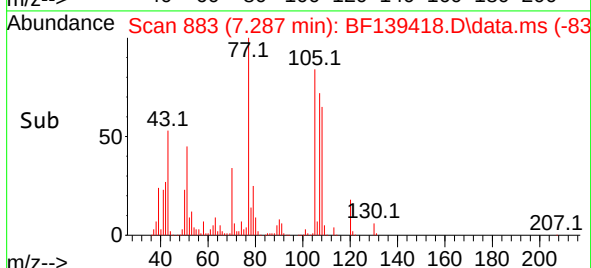
Supervised By :mohammad ahmed 09/20/2024

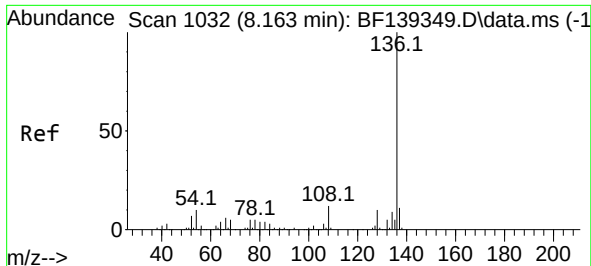


#20
3+4-Methylphenols
Concen: 45.407 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion:107 Resp: 226755
Ion Ratio Lower Upper
107 100
108 90.1 68.6 108.6
77 138.6 101.6 141.6
79 35.1 16.3 56.3





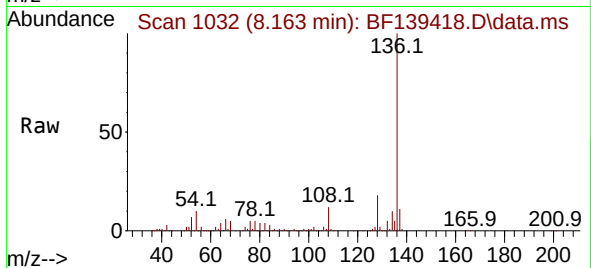
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



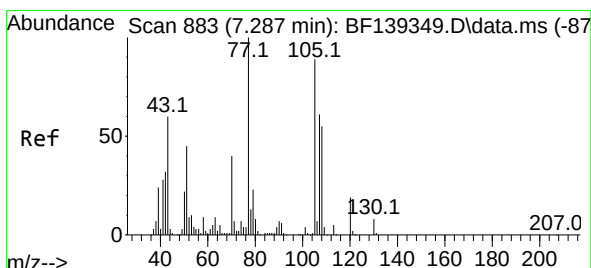
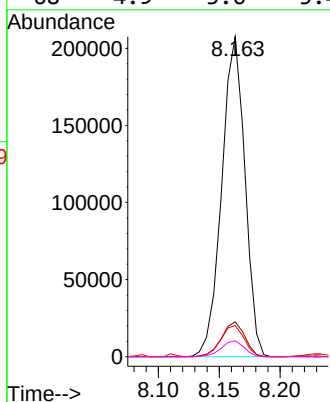
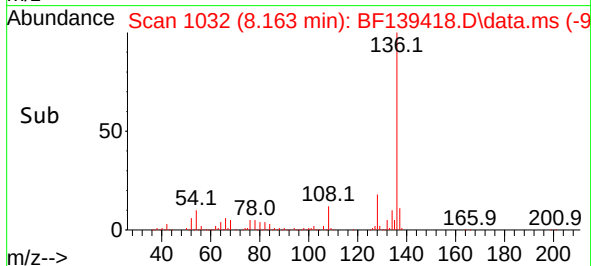
Tgt Ion:136 Resp: 274749
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 9.8 7.8 11.8
68 4.9 3.6 5.4

Manual Integrations

APPROVED

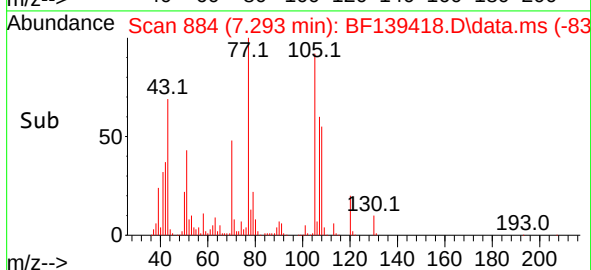
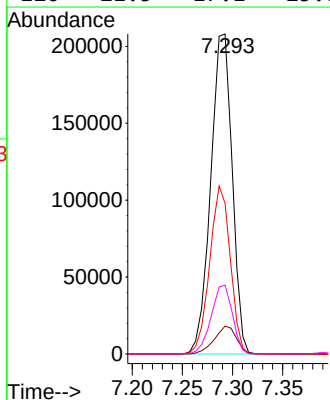
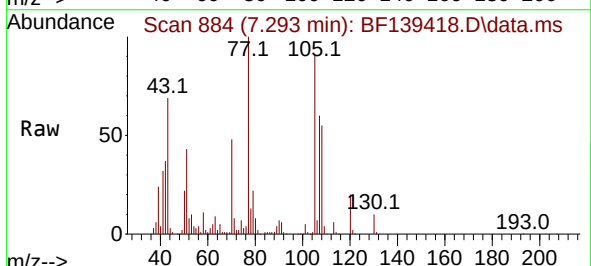
Reviewed By :Yogesh Patel 09/19/2024

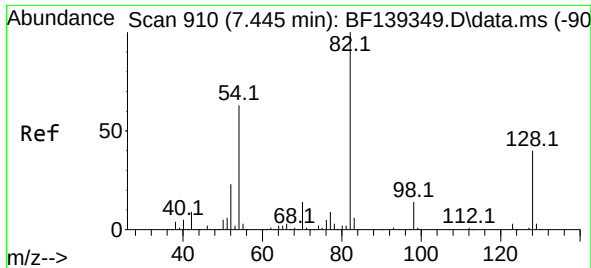
Supervised By :mohammad ahmed 09/20/2024



#22
Acetophenone
Concen: 43.180 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:105 Resp: 310149
Ion Ratio Lower Upper
105 100
71 8.7 5.9 8.9
51 47.1 40.0 60.0
120 21.5 17.1 25.7





#23

Nitrobenzene-d5

Concen: 90.422 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion: 82 Resp: 52844

Ion Ratio Lower Upper

82 100

128 39.4 31.8 47.6

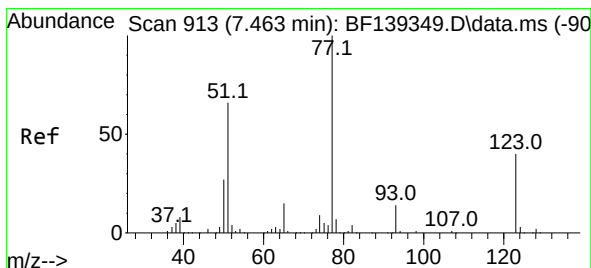
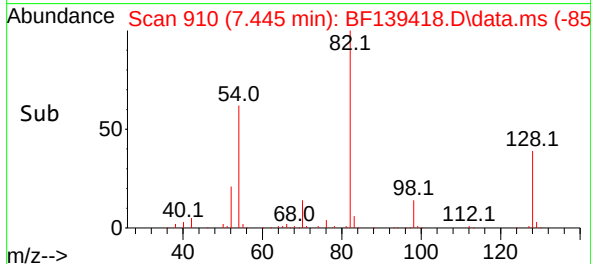
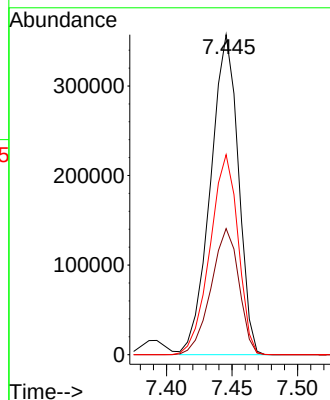
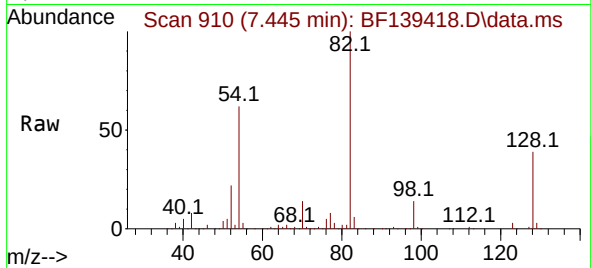
54 62.5 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#24

Nitrobenzene

Concen: 41.705 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

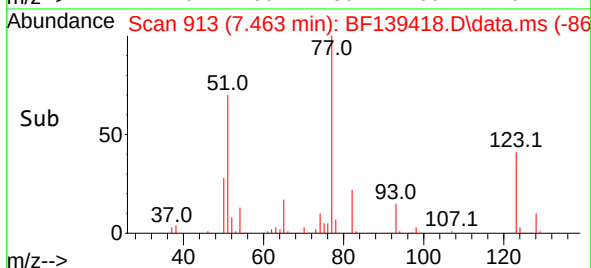
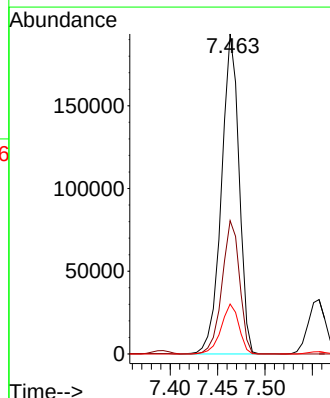
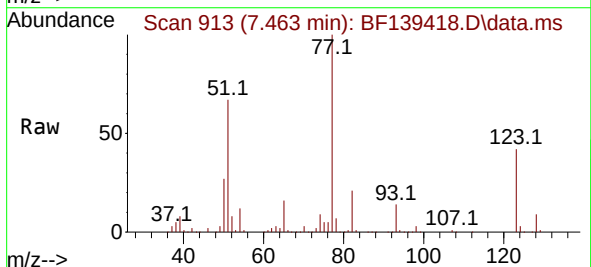
Tgt Ion: 77 Resp: 250853

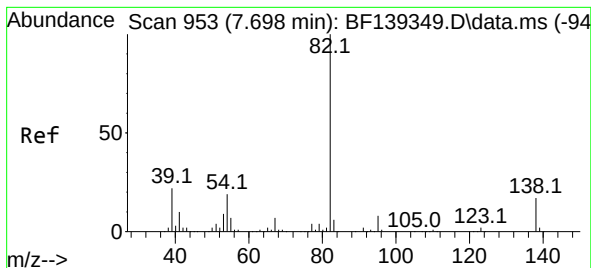
Ion Ratio Lower Upper

77 100

123 41.6 32.2 48.4

65 15.6 12.2 18.4





#25

Isophorone

Concen: 47.358 ng

RT: 7.698 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

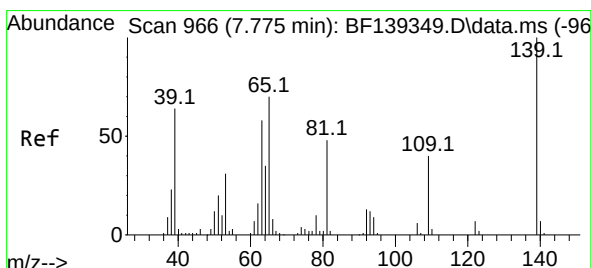
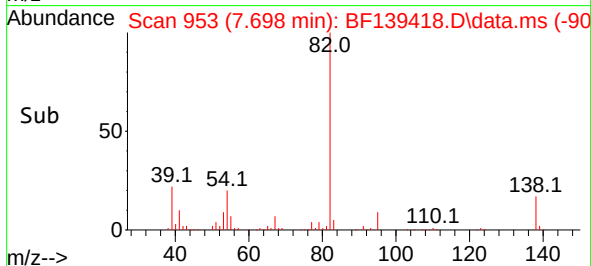
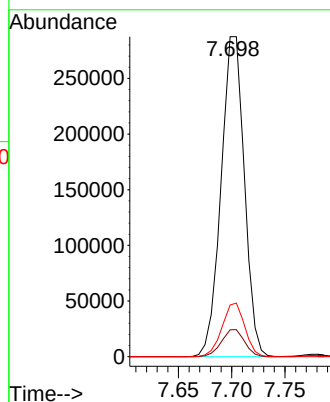
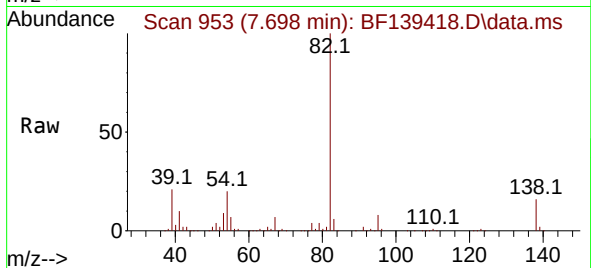
PB163403BS

Tgt Ion: 82 Resp: 437710
 Ion Ratio Lower Upper
 82 100
 95 8.4 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: 47.680 ng

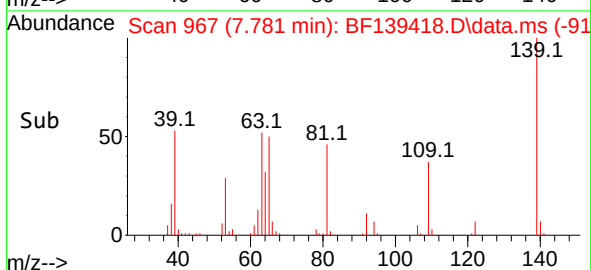
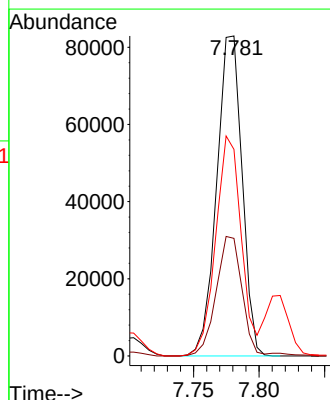
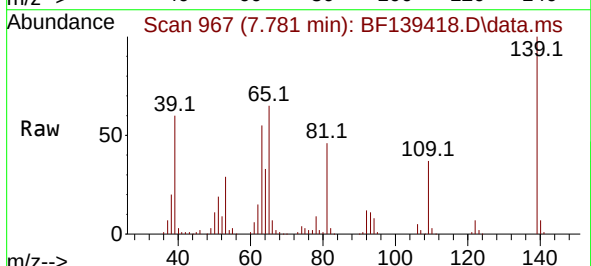
RT: 7.781 min Scan# 967

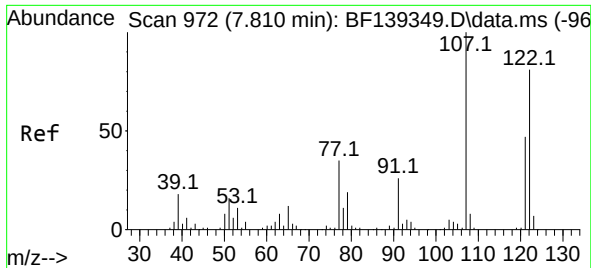
Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Tgt Ion:139 Resp: 111734
 Ion Ratio Lower Upper
 139 100
 109 36.7 32.2 48.2
 65 64.6 55.8 83.8





#27

2,4-Dimethylphenol

Concen: 56.392 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion:122 Resp: 17431

Ion Ratio Lower Upper

122 100

107 125.0 99.1 148.7

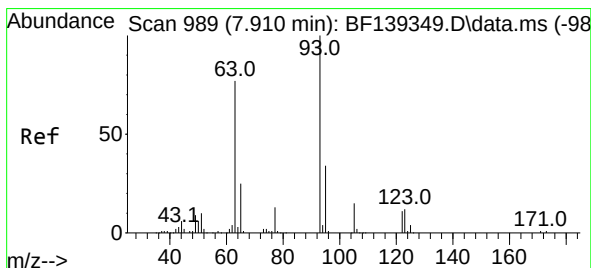
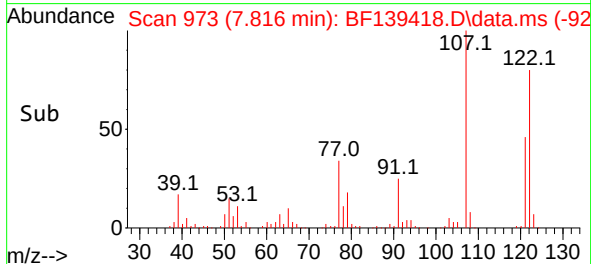
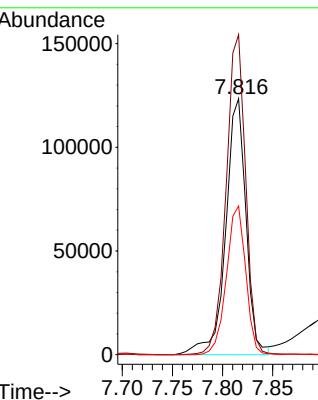
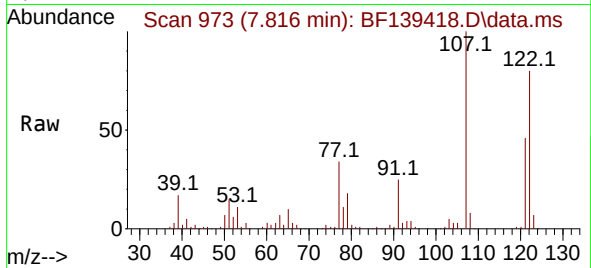
121 58.1 46.6 70.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#28

bis(2-Chloroethoxy)methane

Concen: 46.846 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

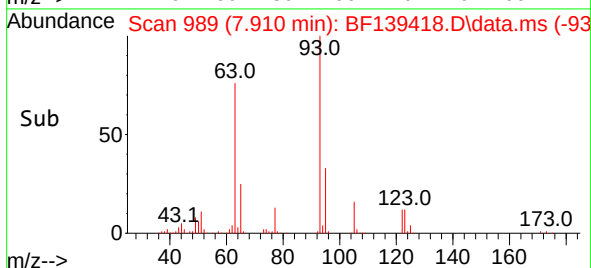
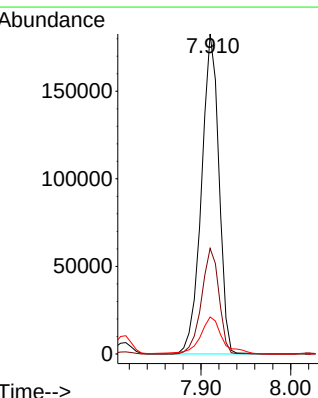
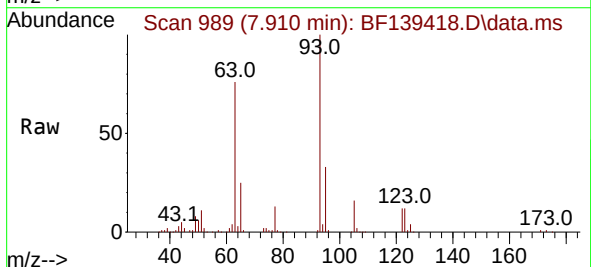
Tgt Ion: 93 Resp: 246770

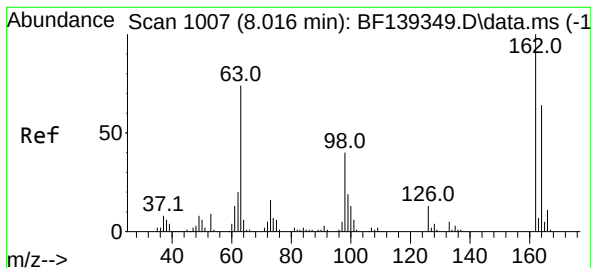
Ion Ratio Lower Upper

93 100

95 33.0 26.9 40.3

123 11.6 10.0 15.0





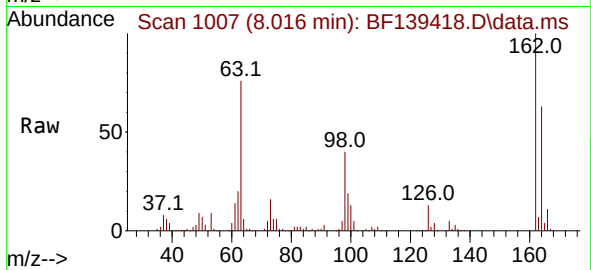
#29
2,4-Dichlorophenol
Concen: 46.273 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



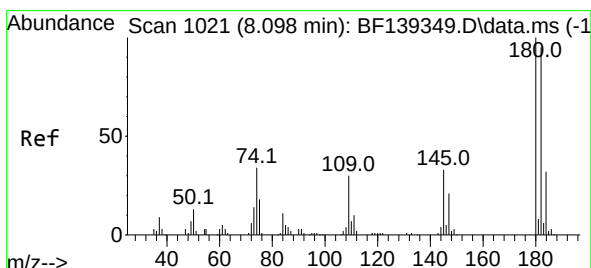
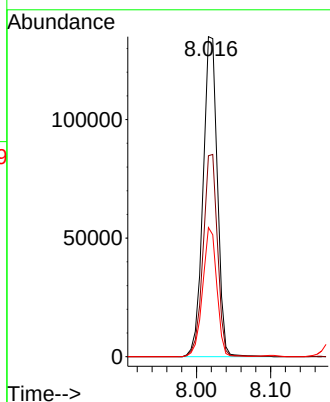
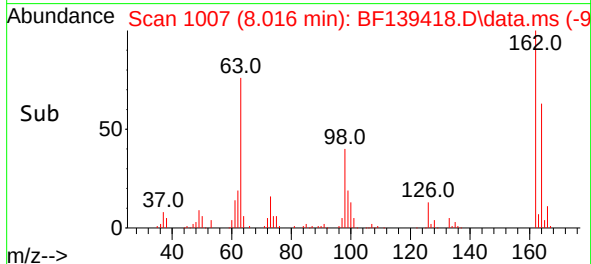
Tgt Ion:162 Resp: 18171
Ion Ratio Lower Upper
162 100
164 62.8 43.6 83.6
98 40.4 19.7 59.7

Manual Integrations

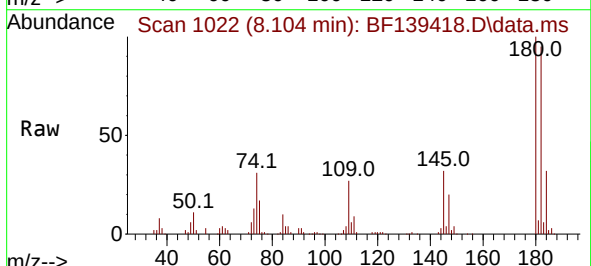
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

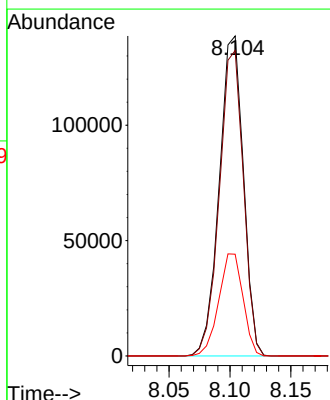
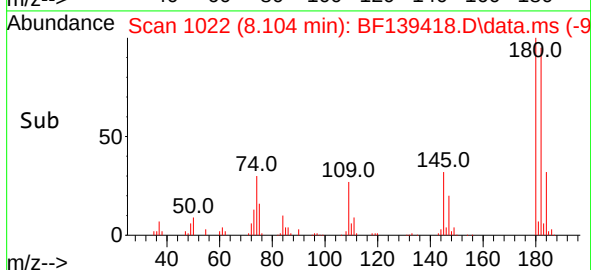
Supervised By :mohammad ahmed 09/20/2024

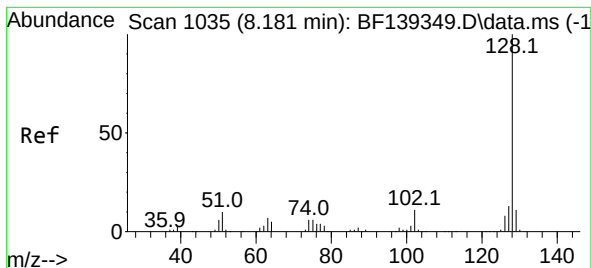


#30
1,2,4-Trichlorobenzene
Concen: 41.845 ng
RT: 8.104 min Scan# 1022
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion:180 Resp: 191462
Ion Ratio Lower Upper
180 100
182 95.4 75.7 113.5
145 31.8 26.5 39.7





#31

Naphthalene

Concen: 44.010 ng

RT: 8.187 min Scan# 1035

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

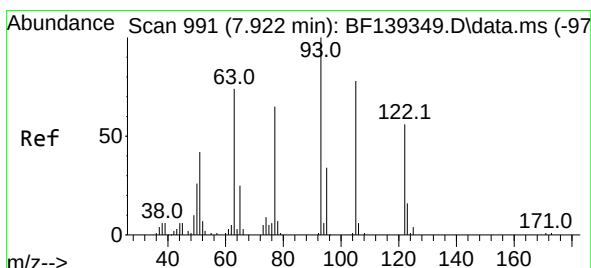
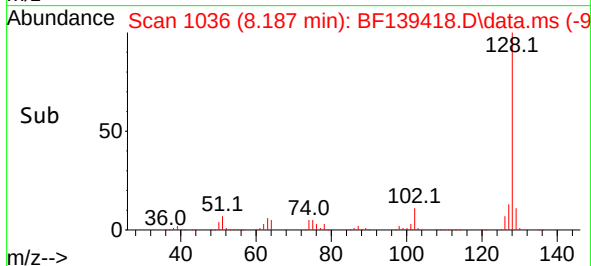
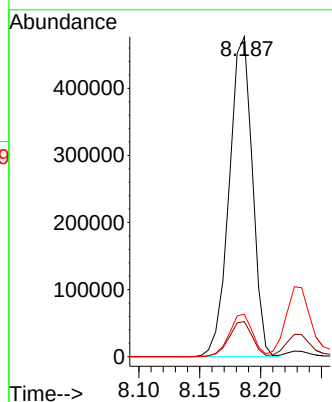
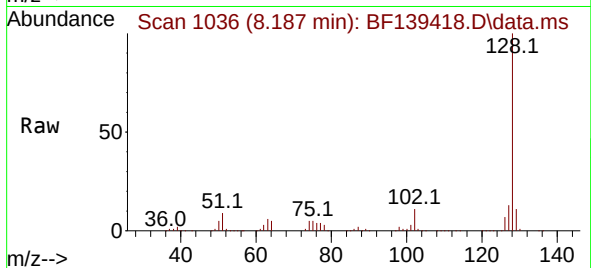
PB163403BS

Tgt Ion:128 Resp: 63124

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.6	13.0
127	13.3	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: 41.651 ng

RT: 7.940 min Scan# 994

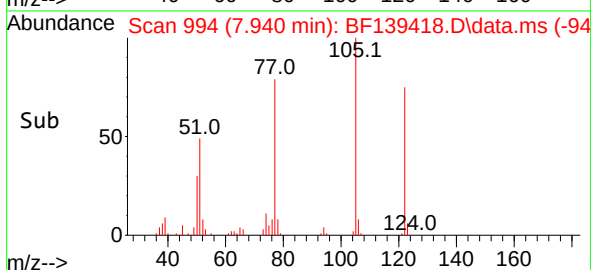
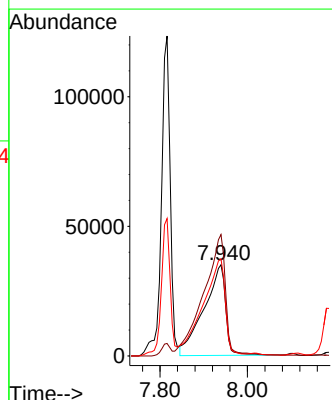
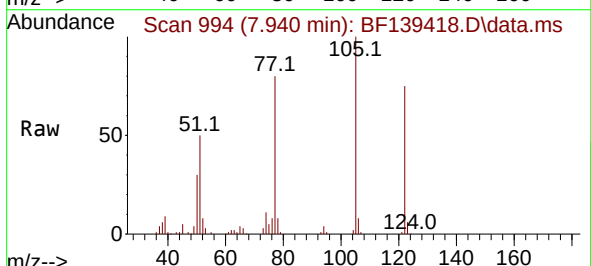
Delta R.T. 0.018 min

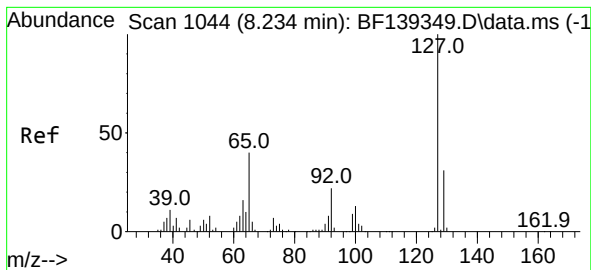
Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Tgt Ion:122 Resp: 120486

Ion	Ratio	Lower	Upper
122	100		
105	133.1	117.1	157.1
77	106.5	95.4	135.4





#33
4-Chloroaniline
Concen: 36.635 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

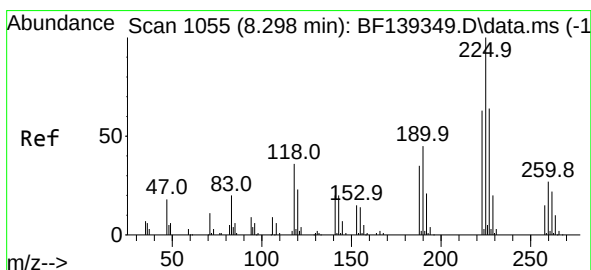
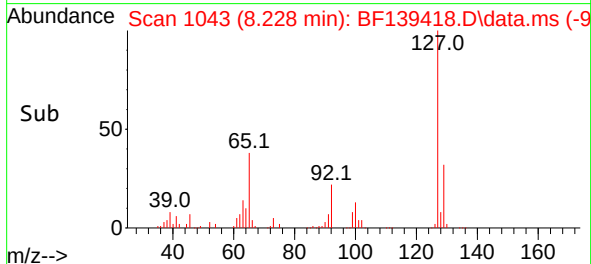
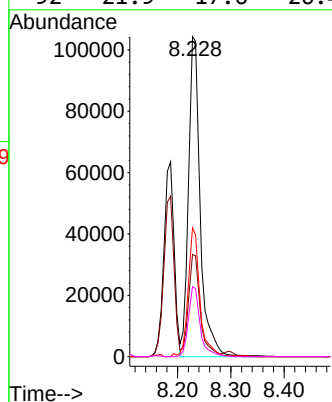
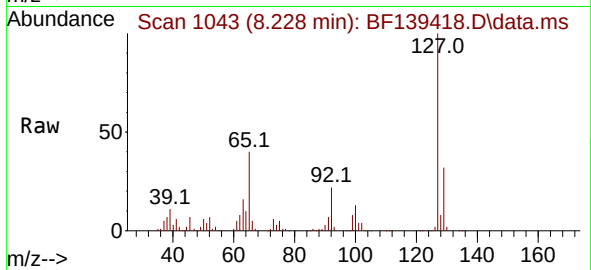
PB163403BS

Tgt Ion:127 Resp: 16075
Ion Ratio Lower Upper
127 100
129 32.0 25.5 38.3
65 40.3 31.5 47.3
92 21.9 17.6 26.4

Manual Integrations

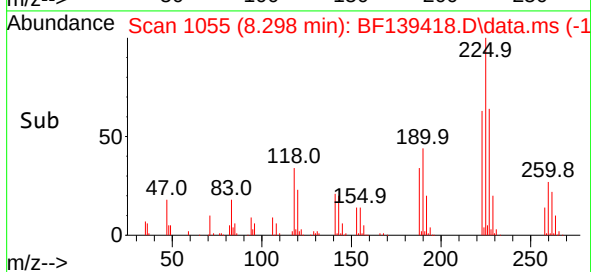
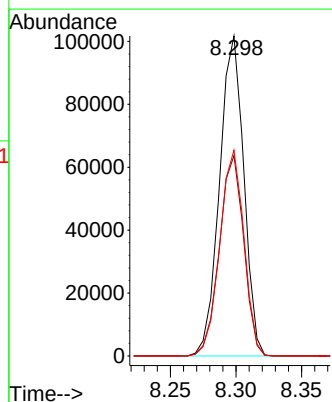
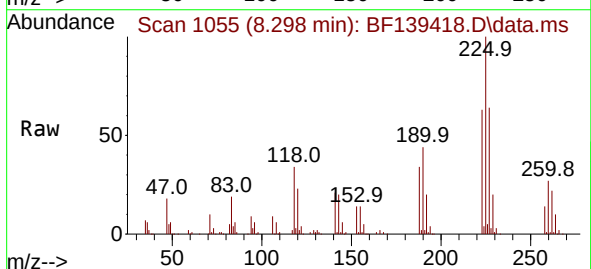
APPROVED

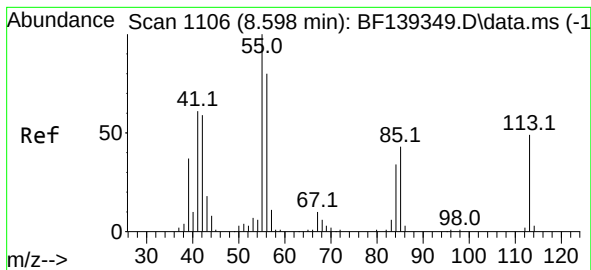
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#34
Hexachlorobutadiene
Concen: 41.995 ng
RT: 8.298 min Scan# 1055
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

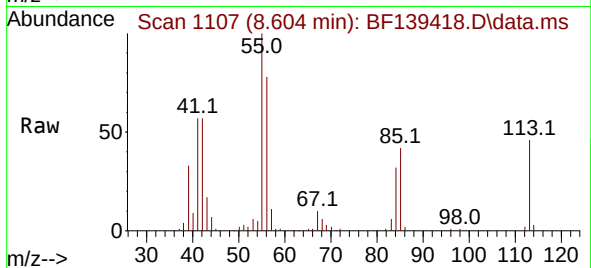
Tgt Ion:225 Resp: 130544
Ion Ratio Lower Upper
225 100
223 62.6 50.1 75.1
227 64.3 51.0 76.6





#35
 Caprolactam
 Concen: 44.532 ng m
 RT: 8.604 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF139418.D
 Acq: 18 Sep 2024 10:43

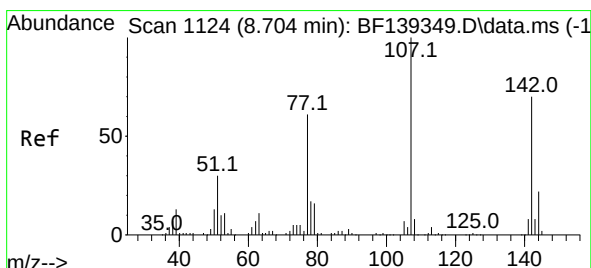
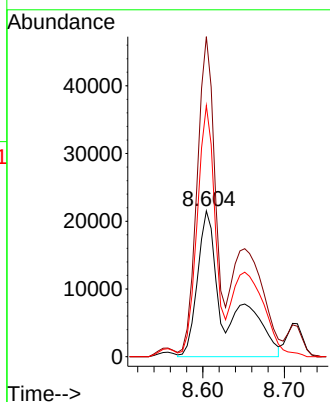
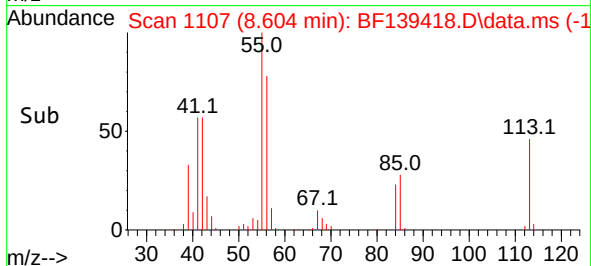
Instrument :
 BNA_F
 ClientSampleId :
 PB163403BS



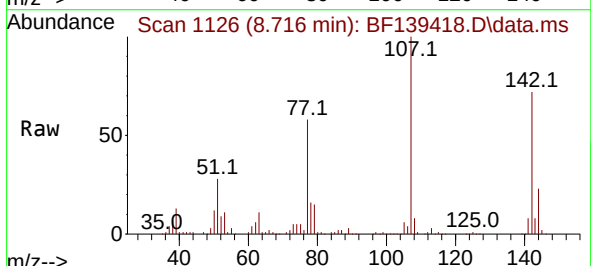
Tgt Ion:113 Resp: 5379
 Ion Ratio Lower Upper
 113 100
 55 219.6 186.1 226.1
 56 172.2 144.9 184.9

Manual Integrations
 APPROVED

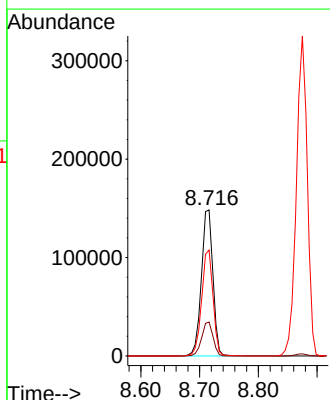
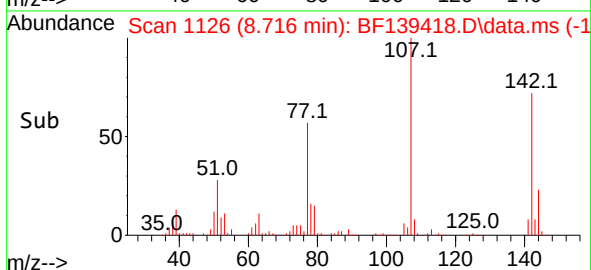
Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

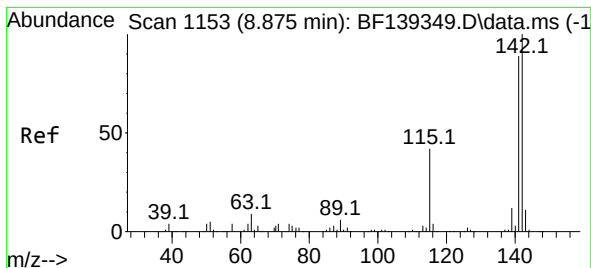


#36
 4-Chloro-3-methylphenol
 Concen: 45.401 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.012 min
 Lab File: BF139418.D
 Acq: 18 Sep 2024 10:43



Tgt Ion:107 Resp: 203757
 Ion Ratio Lower Upper
 107 100
 144 23.2 17.5 26.3
 142 72.4 55.8 83.8





#37

2-Methylnaphthalene

Concen: 46.021 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion:142 Resp: 41898

Ion Ratio Lower Upper

142 100

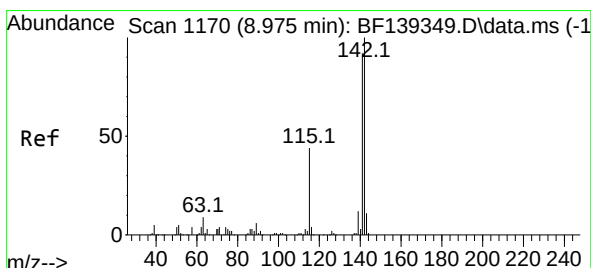
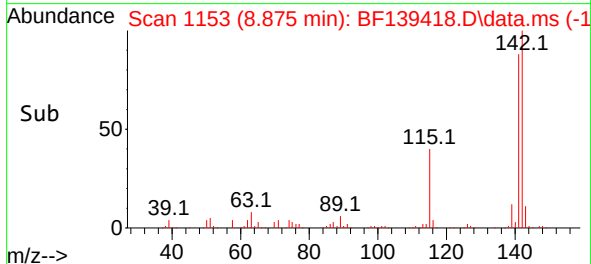
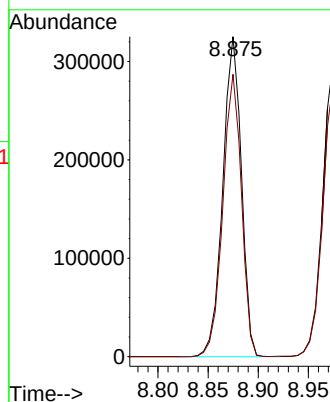
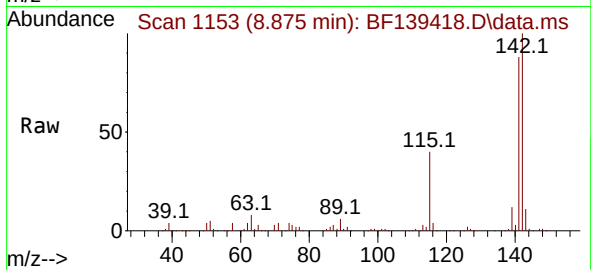
141 88.3 71.6 107.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#38

1-Methylnaphthalene

Concen: 42.738 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF139418.D

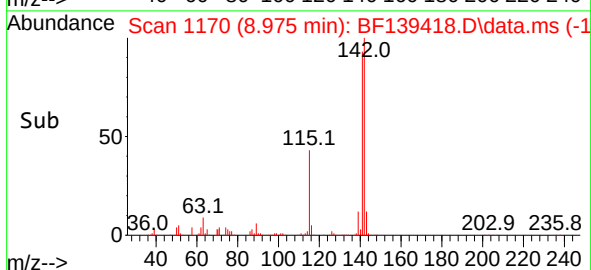
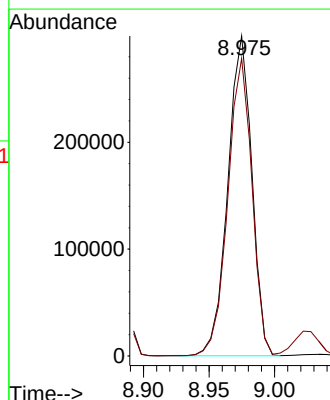
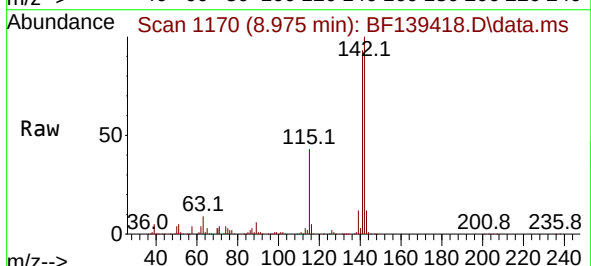
Acq: 18 Sep 2024 10:43

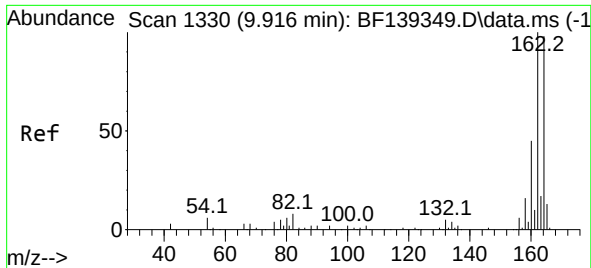
Tgt Ion:142 Resp: 381999

Ion Ratio Lower Upper

142 100

141 93.0 73.2 109.8





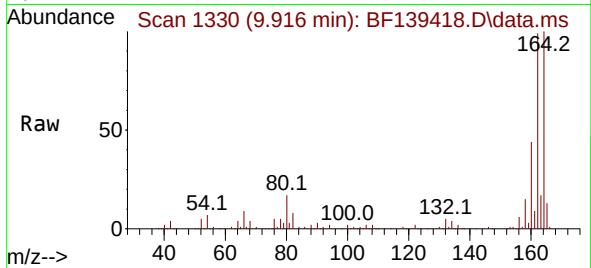
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



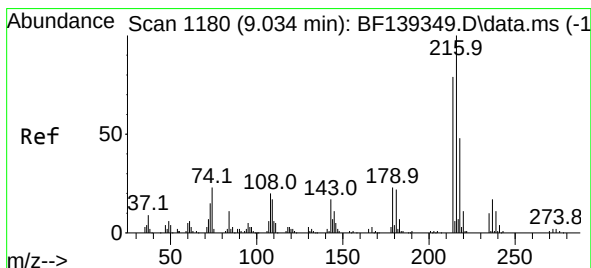
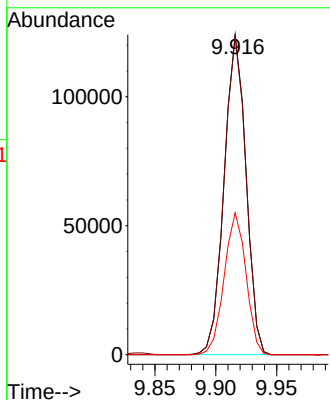
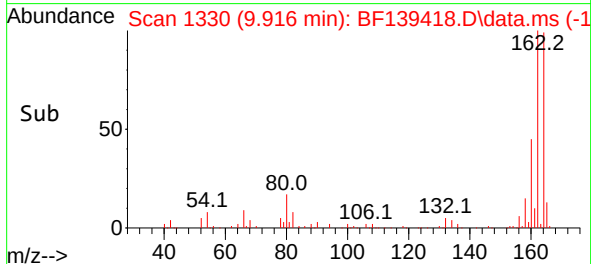
Tgt Ion:164 Resp: 154775
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 44.3 36.4 54.6

Manual Integrations

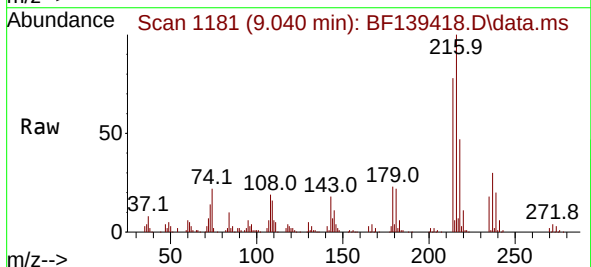
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

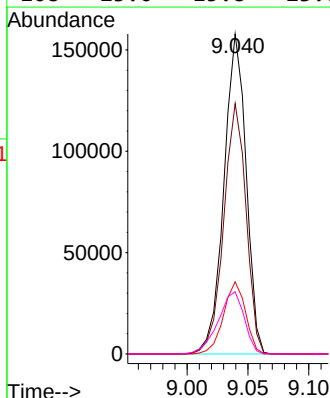
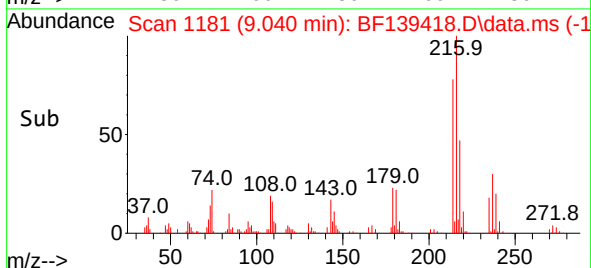
Supervised By :mohammad ahmed 09/20/2024

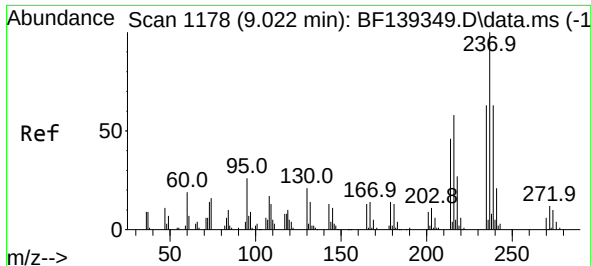


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.589 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



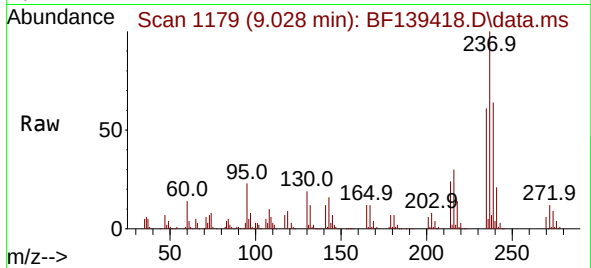
Tgt Ion:216 Resp: 199943
Ion Ratio Lower Upper
216 100
214 78.7 63.4 95.0
179 22.4 18.2 27.2
108 23.0 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 161.553 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

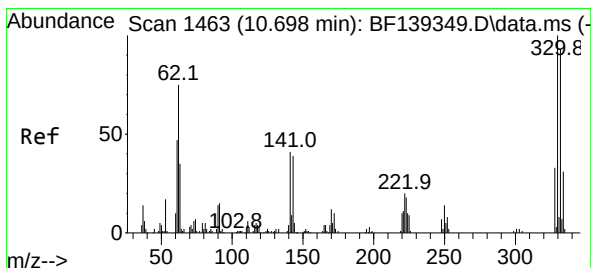
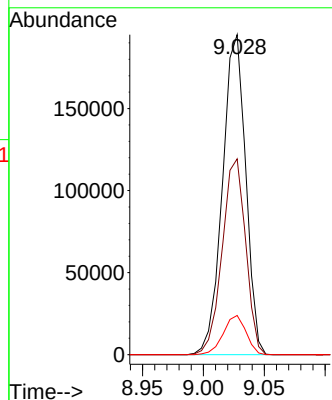
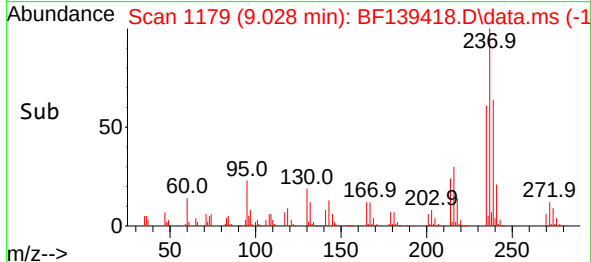
Instrument :
BNA_F
ClientSampleId :
PB163403BS



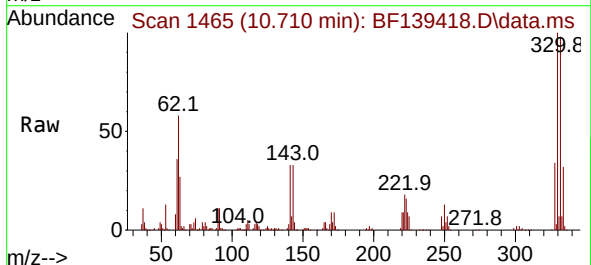
Tgt Ion: 237 Resp: 258744
Ion Ratio Lower Upper
237 100
235 61.2 42.7 82.7
272 12.3 0.0 32.5

Manual Integrations
APPROVED

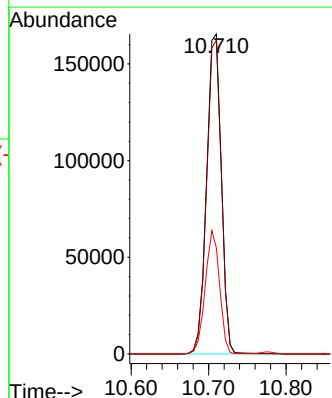
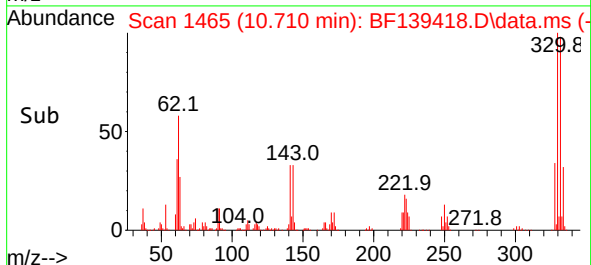
Reviewed By : Yogesh Patel 09/19/2024
Supervised By : mohammad ahmed 09/20/2024

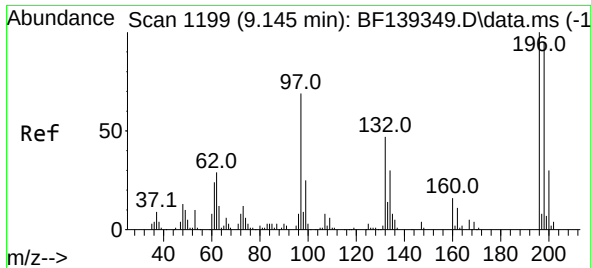


#42
2,4,6-Tribromophenol
Concen: 132.814 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.012 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion: 330 Resp: 218846
Ion Ratio Lower Upper
330 100
332 97.7 75.2 112.8
141 37.3 31.2 46.8





#43
2,4,6-Trichlorophenol
Concen: 46.783 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

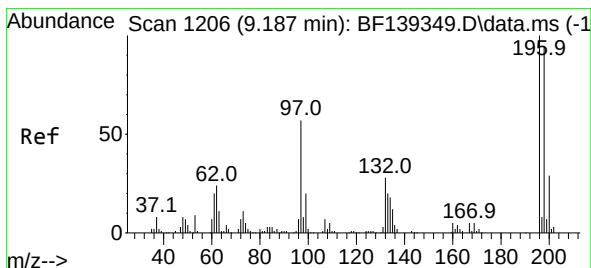
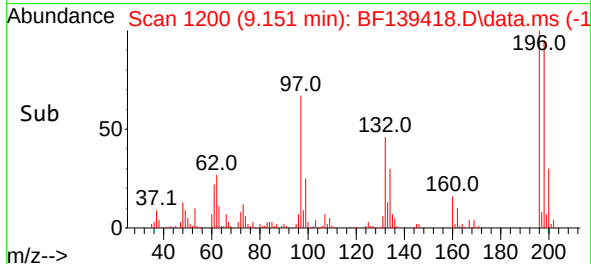
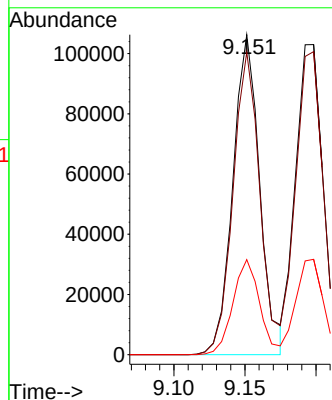
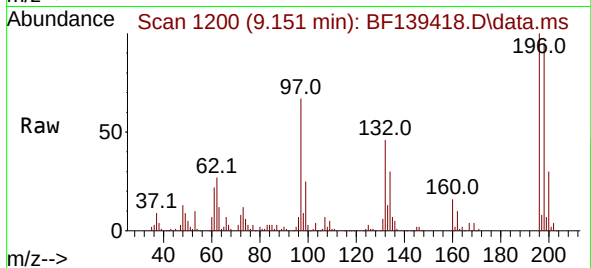
PB163403BS

Tgt Ion:196 Resp: 139610
Ion Ratio Lower Upper
196 100
198 94.5 75.8 113.6
200 29.7 24.1 36.1

Manual Integrations

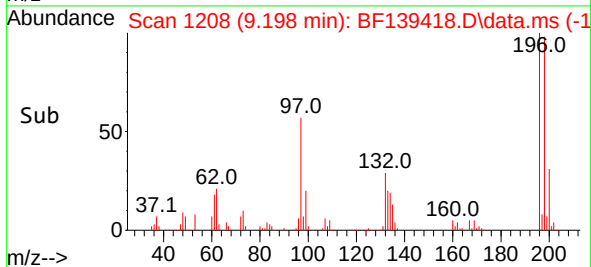
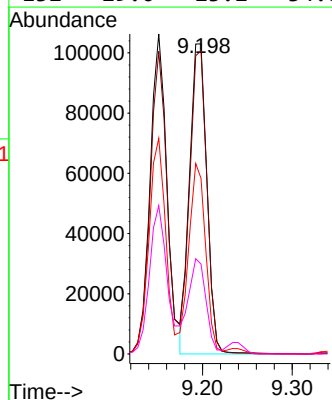
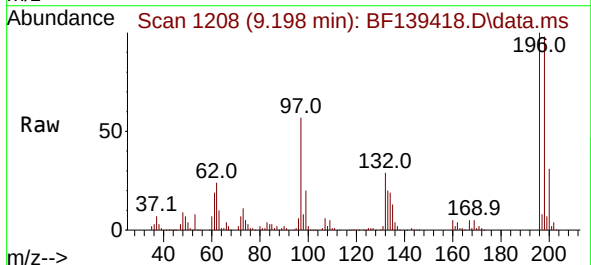
APPROVED

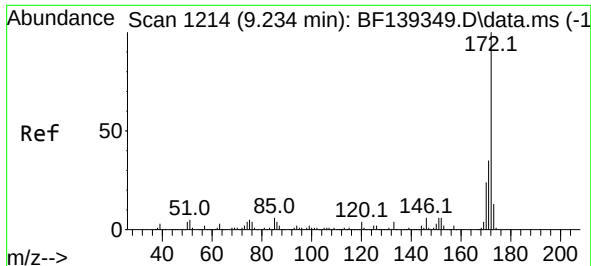
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#44
2,4,5-Trichlorophenol
Concen: 43.996 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.012 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:196 Resp: 138497
Ion Ratio Lower Upper
196 100
198 97.7 74.8 112.2
97 56.7 47.3 70.9
132 29.0 23.2 34.8





#45

2-Fluorobiphenyl

Concen: 89.645 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion:172 Resp: 98927

Ion Ratio Lower Upper

172 100

171 35.7 28.3 42.5

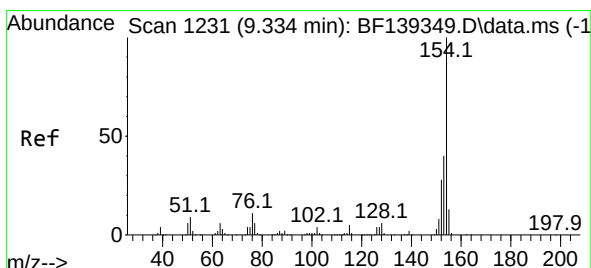
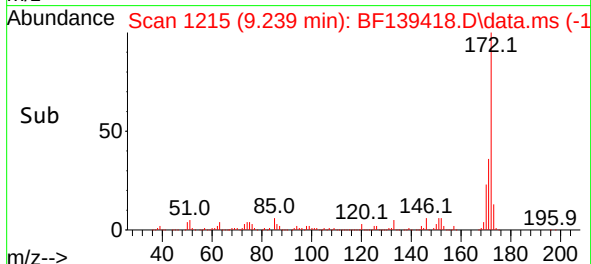
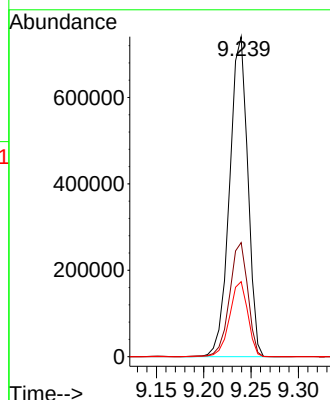
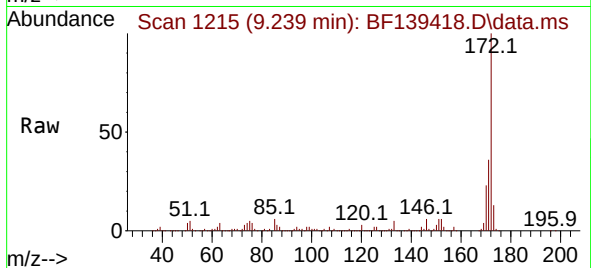
170 23.4 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#46

1,1'-Biphenyl

Concen: 43.903 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

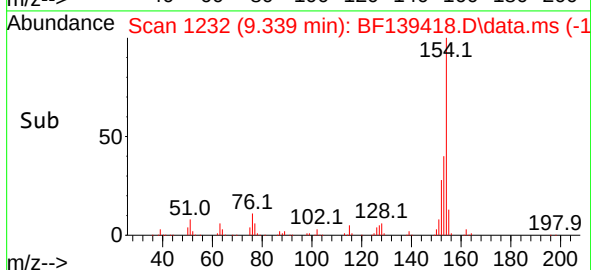
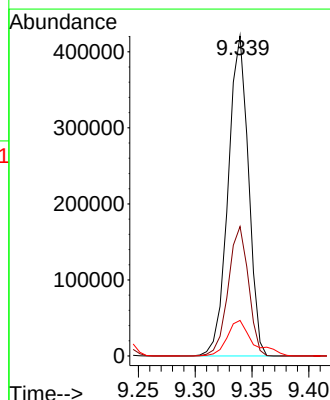
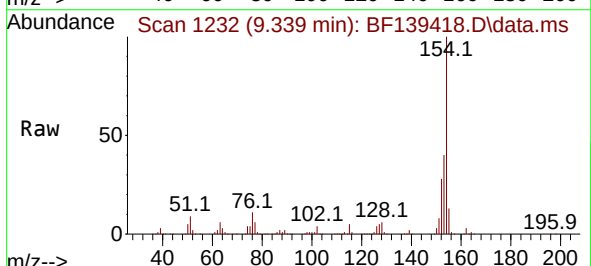
Tgt Ion:154 Resp: 522768

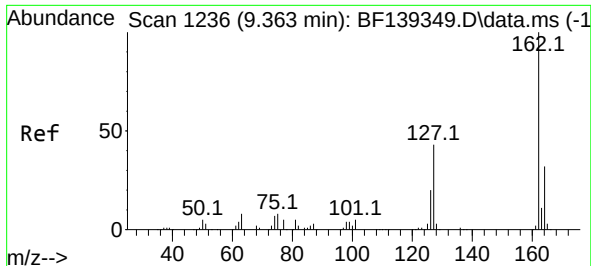
Ion Ratio Lower Upper

154 100

153 40.5 20.1 60.1

76 11.1 0.0 31.1





#47

2-Chloronaphthalene

Concen: 43.315 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF139418.D

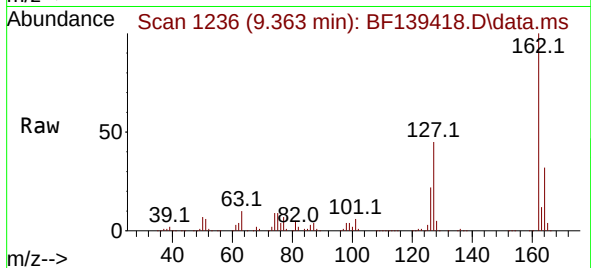
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



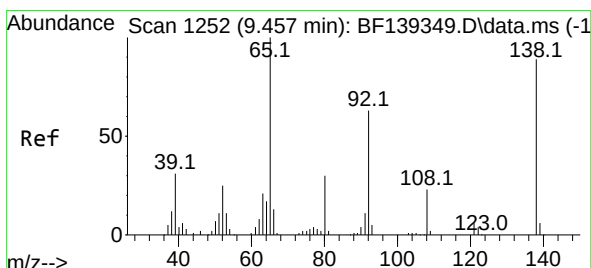
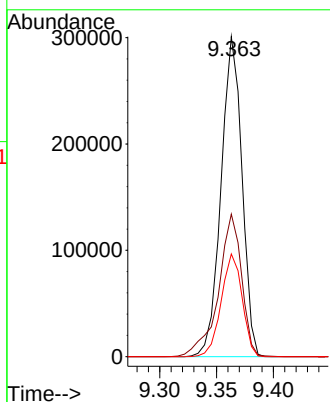
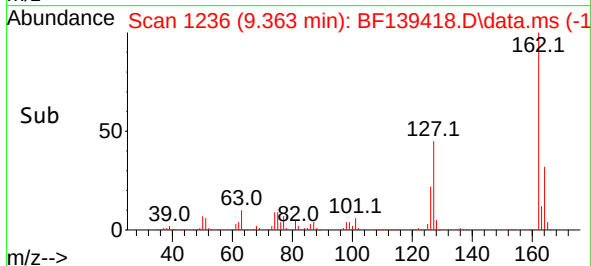
Tgt Ion:	162	Resp:	385639
Ion Ratio	Lower	Upper	
162	100		
127	44.5	35.0	52.4
164	32.1	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#48

2-Nitroaniline

Concen: 44.594 ng

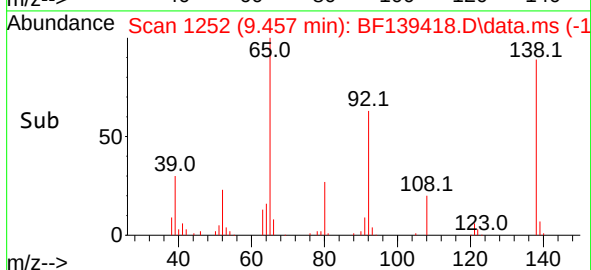
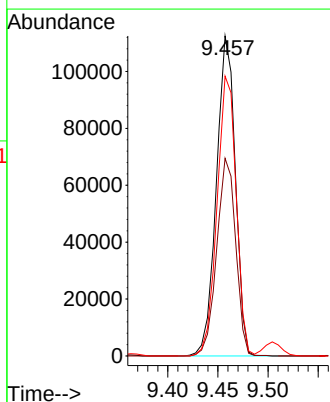
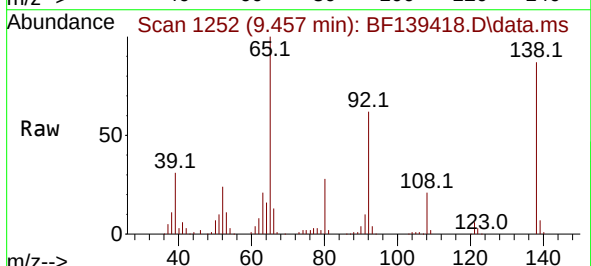
RT: 9.457 min Scan# 1252

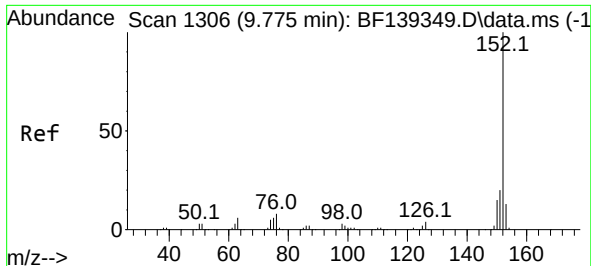
Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Tgt Ion:	65	Resp:	147670
Ion Ratio	Lower	Upper	
65	100		
92	61.7	50.3	75.5
138	87.5	71.3	106.9





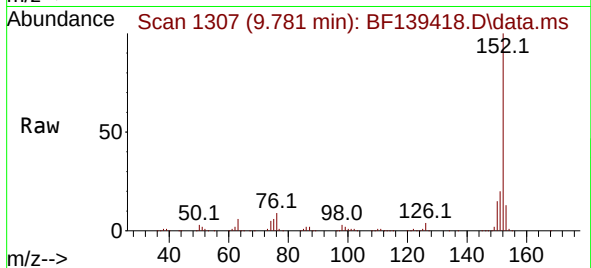
#49
Acenaphthylene
Concen: 47.292 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



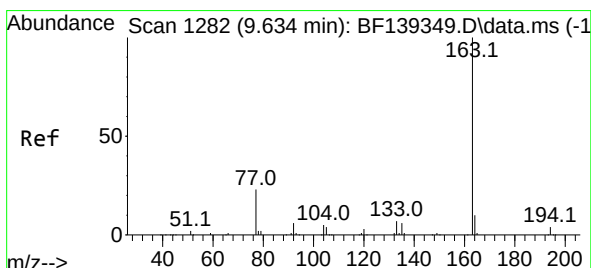
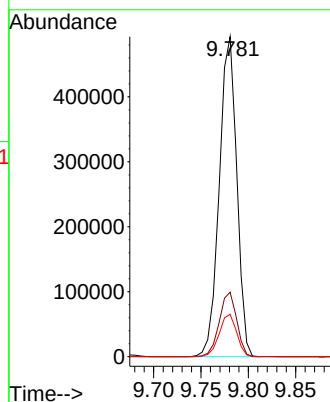
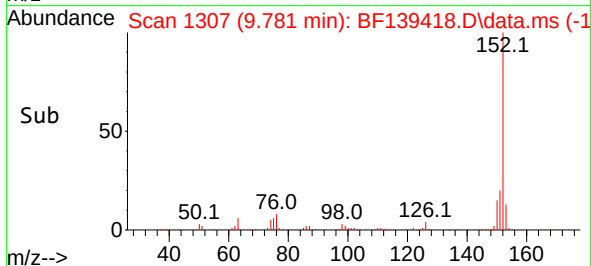
Tgt Ion:152 Resp: 633794
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.3 10.3 15.5

Manual Integrations

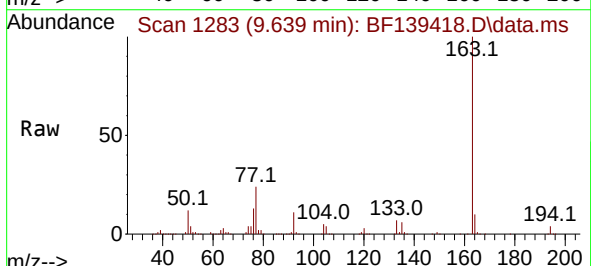
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

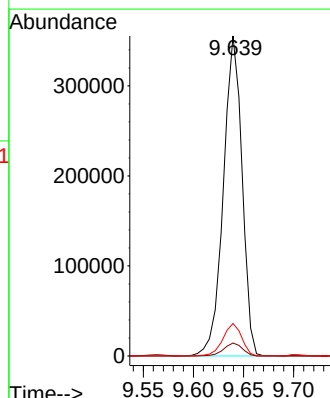
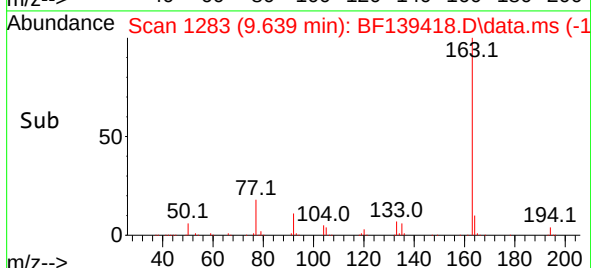
Supervised By :mohammad ahmed 09/20/2024

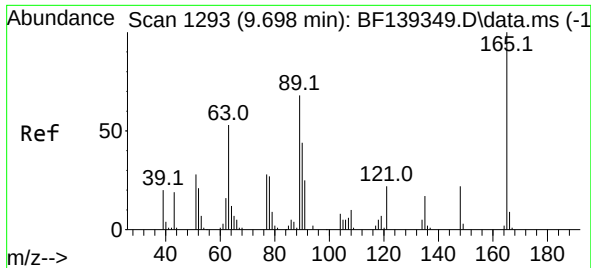


#50
Dimethylphthalate
Concen: 45.340 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion:163 Resp: 460589
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.2 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.122 ng
RT: 9.704 min Scan# 1293
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

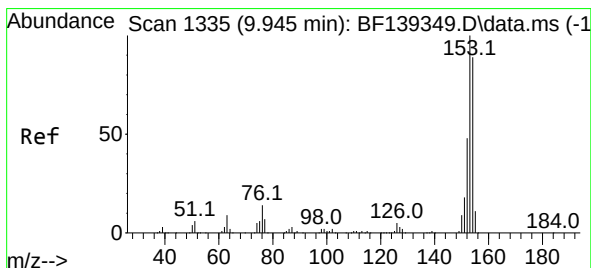
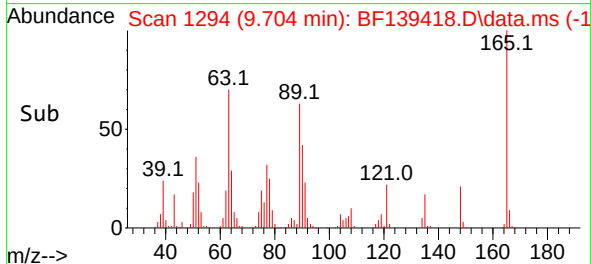
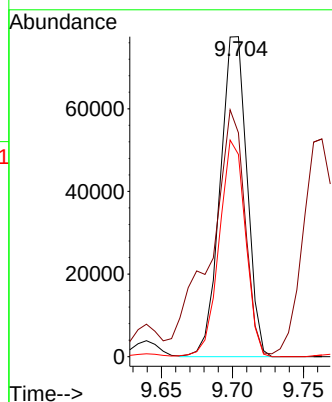
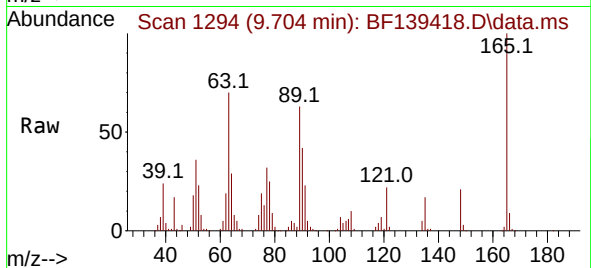
PB163403BS

Tgt Ion:165 Resp: 10154
Ion Ratio Lower Upper
165 100
63 70.0 60.9 91.3
89 63.2 54.7 82.1

Manual Integrations

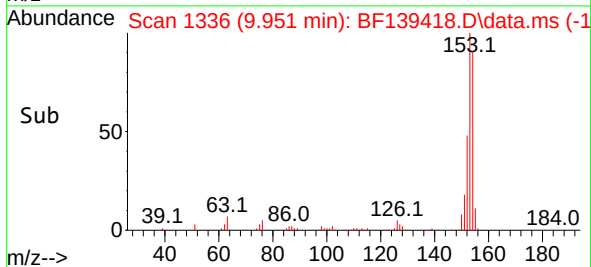
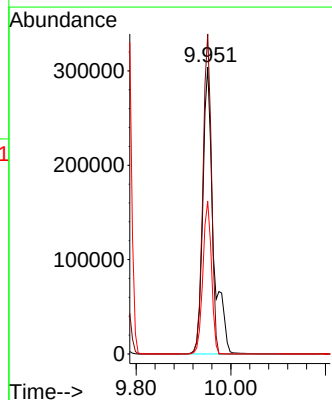
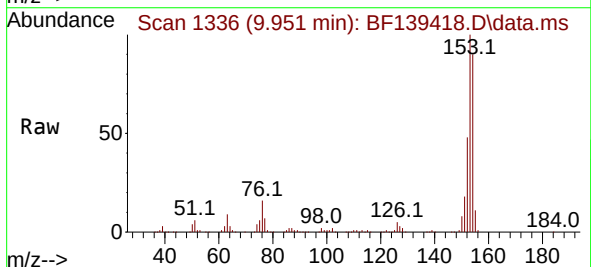
APPROVED

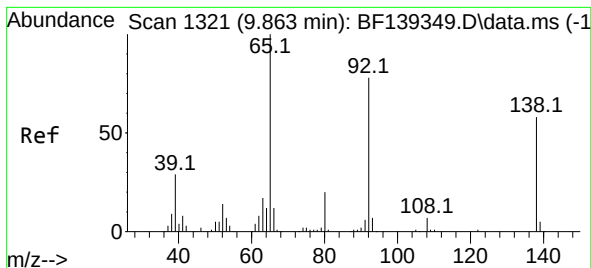
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#52
Acenaphthene
Concen: 50.363 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:154 Resp: 471069
Ion Ratio Lower Upper
154 100
153 111.6 89.5 134.3
152 53.2 42.6 64.0





#53

3-Nitroaniline

Concen: 34.535 ng

RT: 9.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

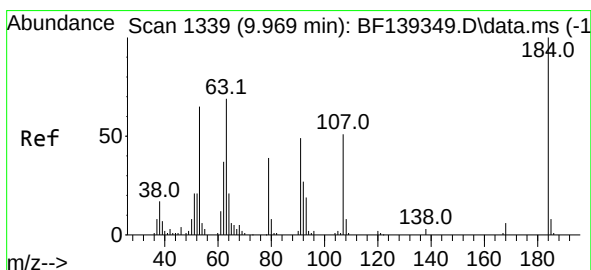
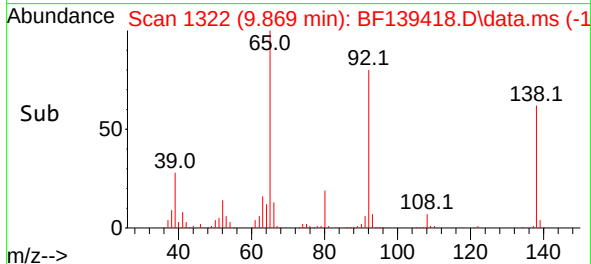
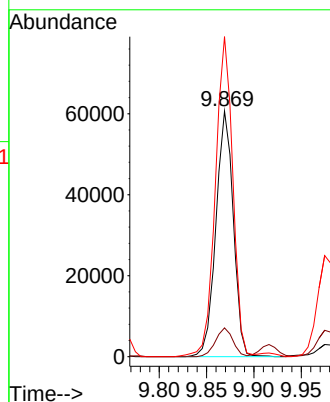
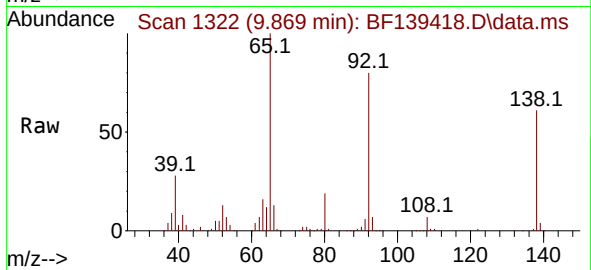
Tgt Ion:138 Resp: 77670
 Ion Ratio Lower Upper
 138 100
 108 11.7 9.8 14.8
 92 130.3 107.4 161.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#54

2,4-Dinitrophenol

Concen: 97.081 ng

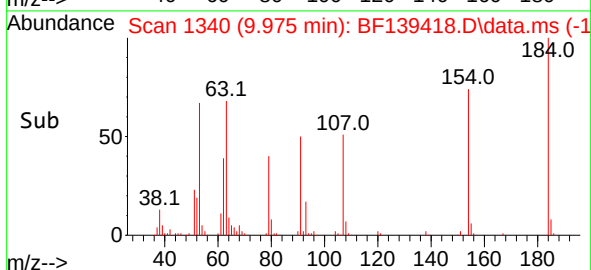
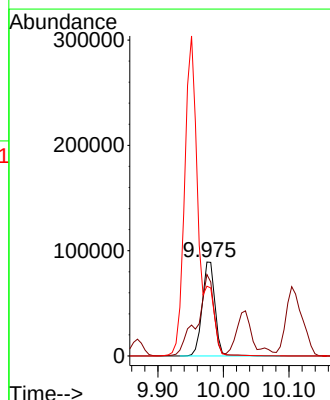
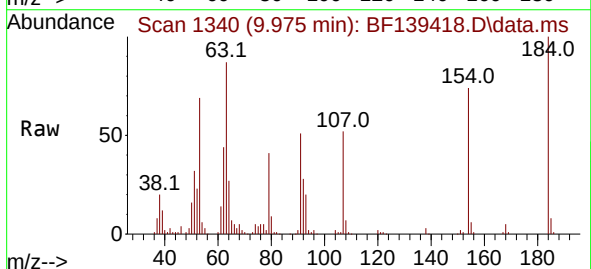
RT: 9.975 min Scan# 1340

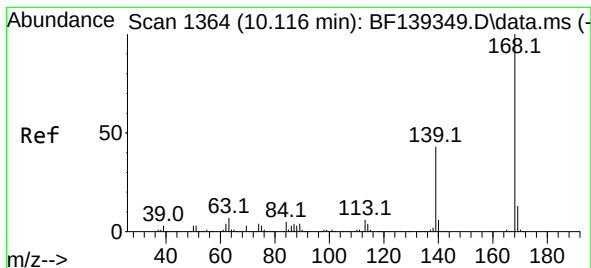
Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

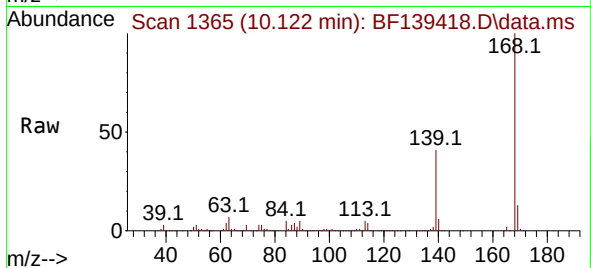
Tgt Ion:184 Resp: 121739
 Ion Ratio Lower Upper
 184 100
 63 86.8 69.3 103.9
 154 74.2 67.5 101.3





#55
Dibenzenofuran
Concen: 44.801 ng
RT: 10.122 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

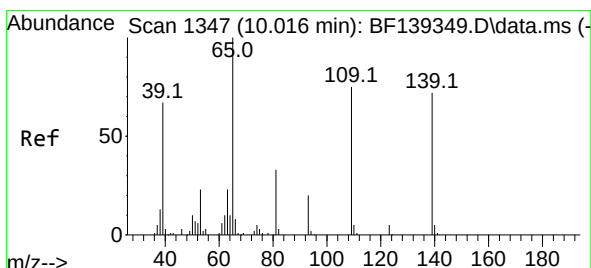
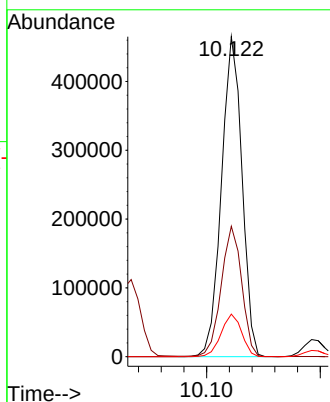
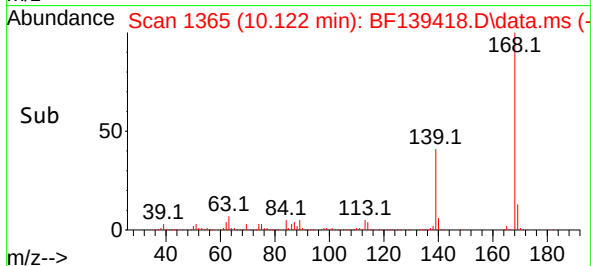
Instrument :
BNA_F
ClientSampleId :
PB163403BS



Tgt Ion:168 Resp: 58406
Ion Ratio Lower Upper
168 100
139 40.8 34.1 51.1
169 13.3 10.5 15.7

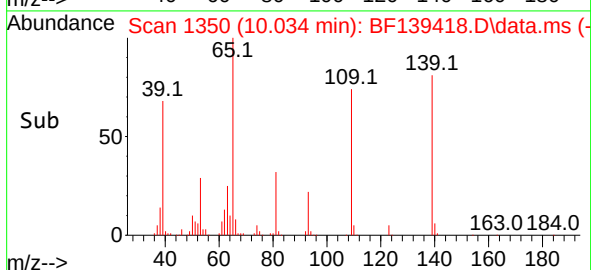
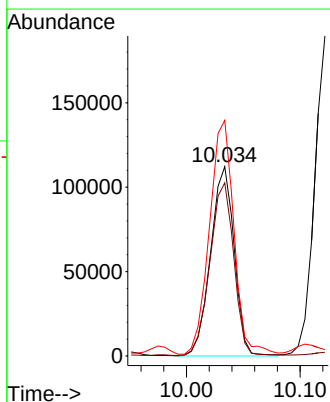
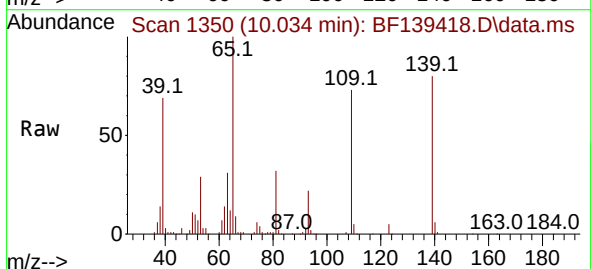
Manual Integrations
APPROVED

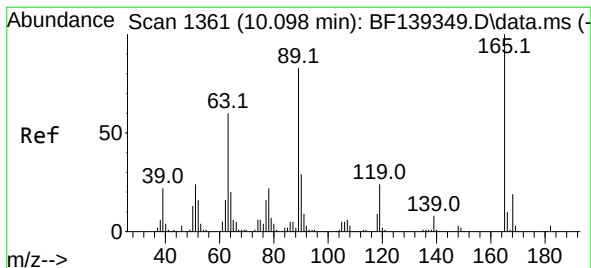
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#56
4-Nitrophenol
Concen: 87.197 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:139 Resp: 162272
Ion Ratio Lower Upper
139 100
109 91.5 84.1 124.1
65 124.6 120.0 160.0





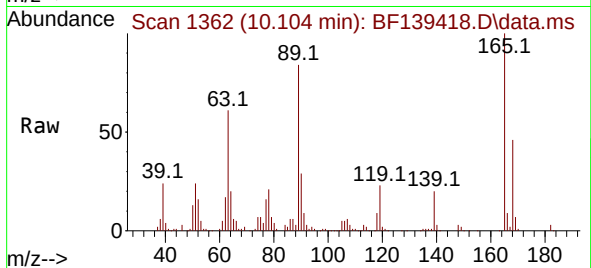
#57
2,4-Dinitrotoluene
Concen: 45.161 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

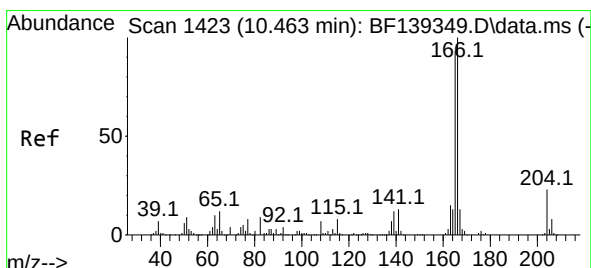
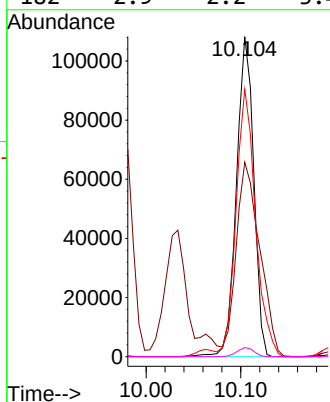
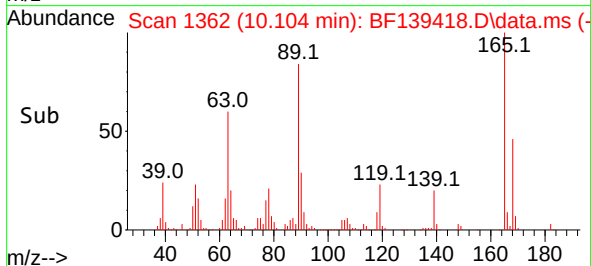


Tgt Ion:165 Resp: 13721
Ion Ratio Lower Upper
165 100
63 60.8 47.8 71.6
89 83.5 66.7 100.1
182 2.9 2.2 3.4

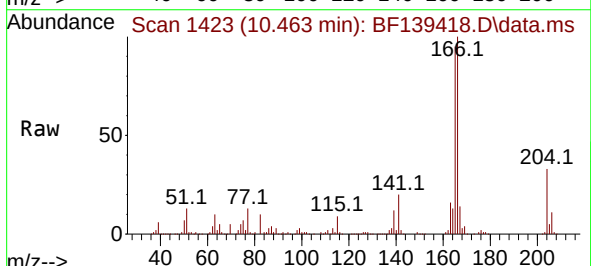
Manual Integrations

APPROVED

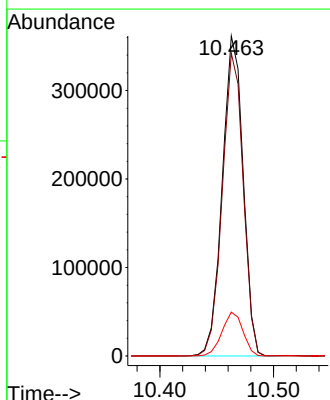
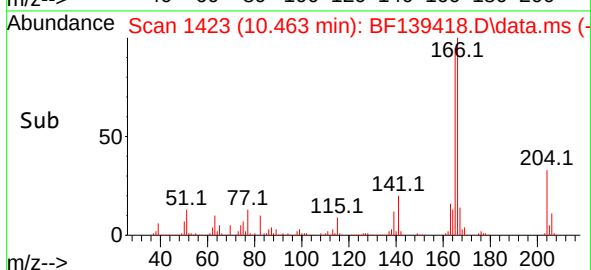
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

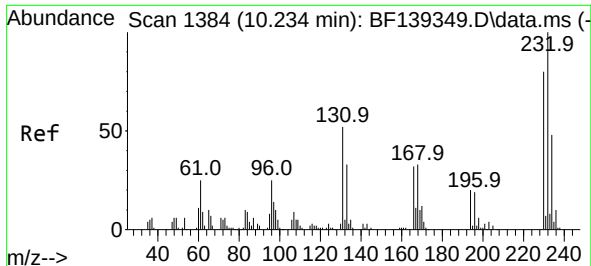


#58
Fluorene
Concen: 43.394 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



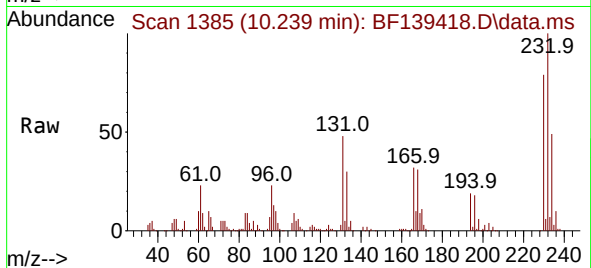
Tgt Ion:166 Resp: 461581
Ion Ratio Lower Upper
166 100
165 94.6 74.5 111.7
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.025 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

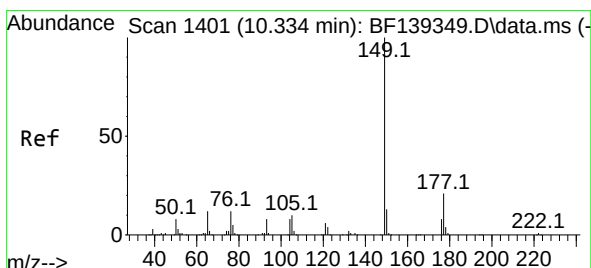
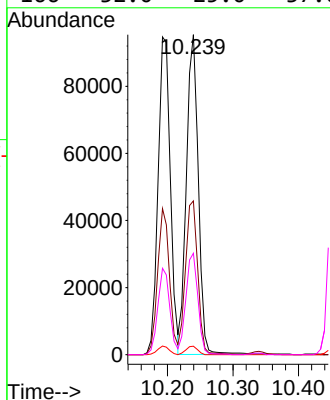
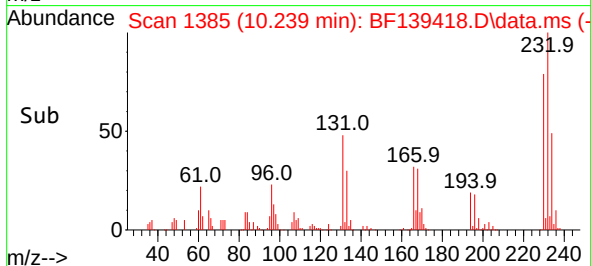
Instrument :
BNA_F
ClientSampleId :
PB163403BS



Tgt Ion:232 Resp: 11985
Ion Ratio Lower Upper
232 100
131 49.6 40.7 61.1
130 2.6 2.2 3.2
166 32.0 25.0 37.6

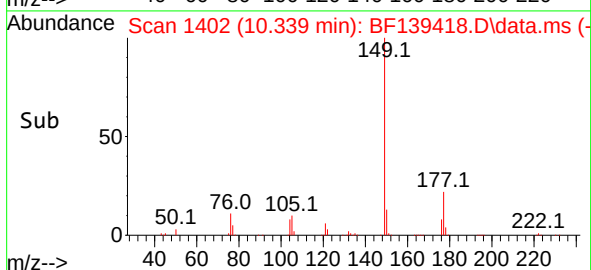
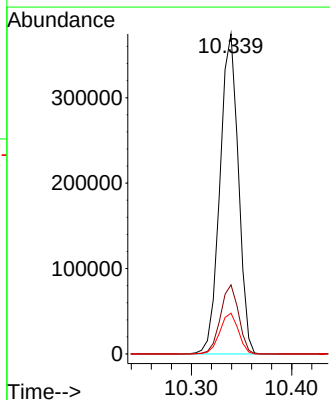
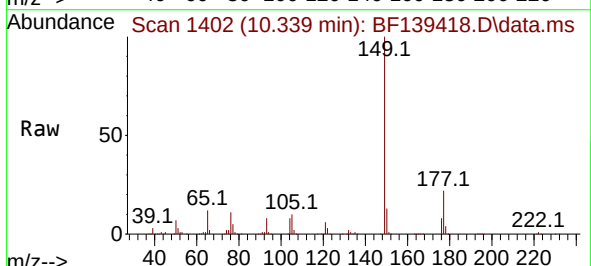
Manual Integrations
APPROVED

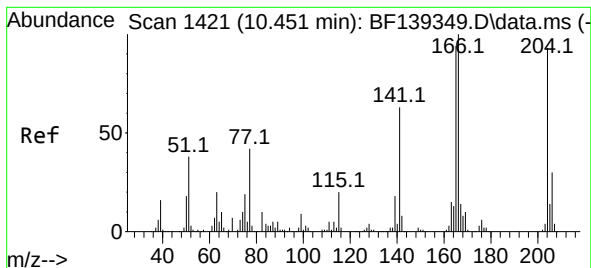
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#60
Diethylphthalate
Concen: 45.449 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

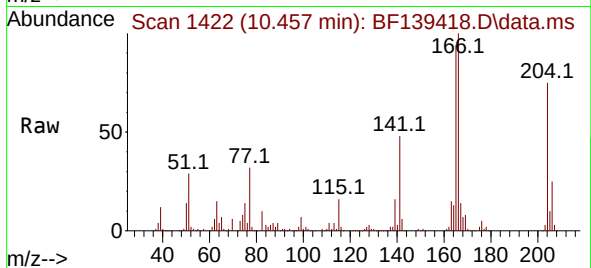
Tgt Ion:149 Resp: 476449
Ion Ratio Lower Upper
149 100
177 21.6 16.6 24.8
150 12.8 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 44.061 ng
RT: 10.457 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

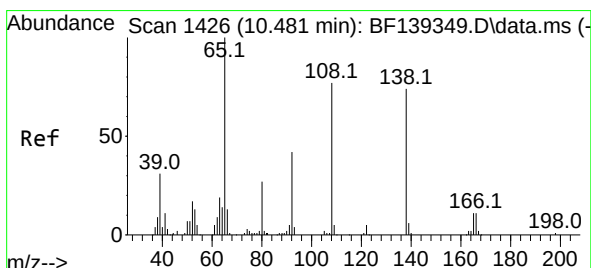
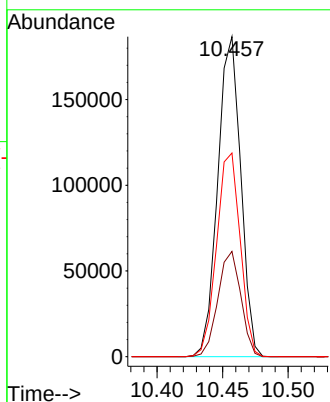
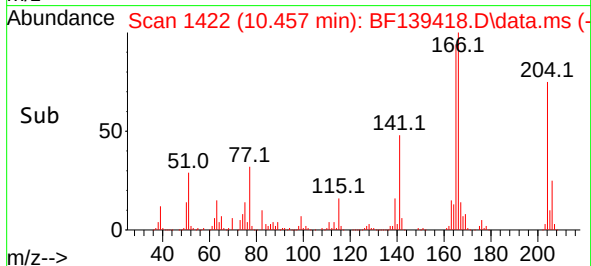
Instrument :
BNA_F
ClientSampleId :
PB163403BS



Tgt Ion:204 Resp: 227770
Ion Ratio Lower Upper
204 100
206 32.9 26.2 39.2
141 63.7 53.9 80.9

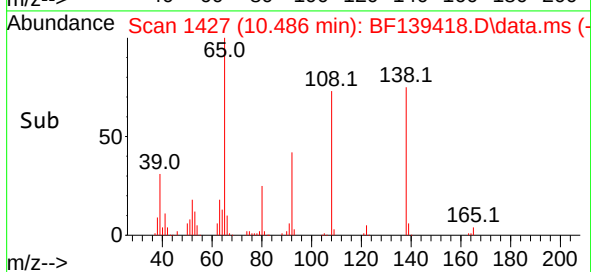
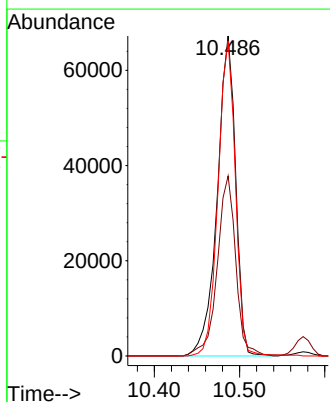
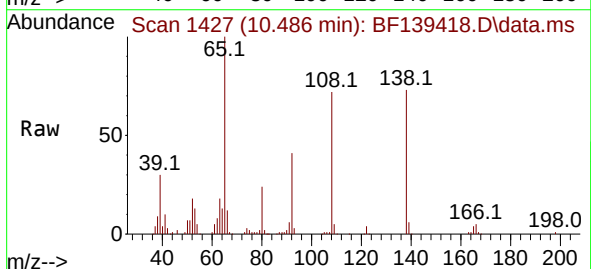
Manual Integrations
APPROVED

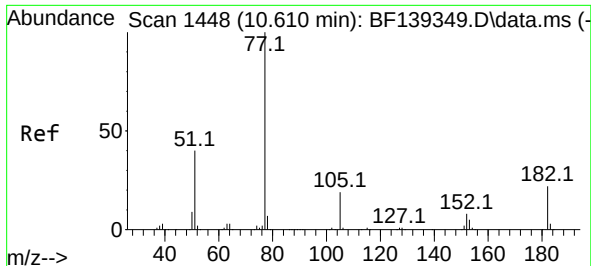
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#62
4-Nitroaniline
Concen: 41.161 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:138 Resp: 101033
Ion Ratio Lower Upper
138 100
92 56.2 37.0 77.0
108 98.5 84.4 124.4





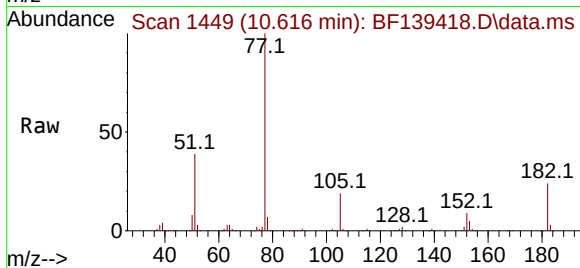
#63
Azobenzene
Concen: 45.593 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



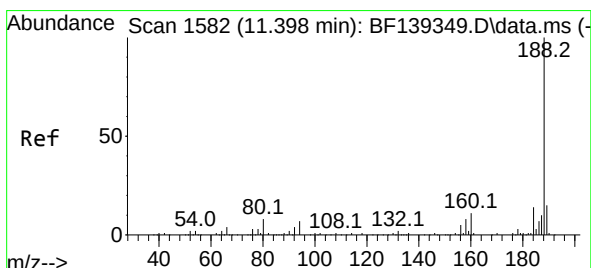
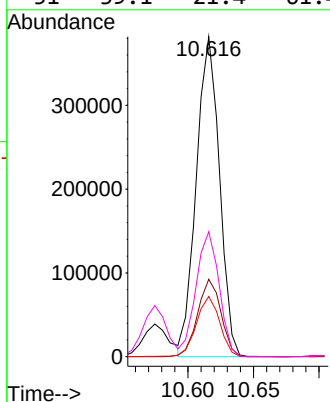
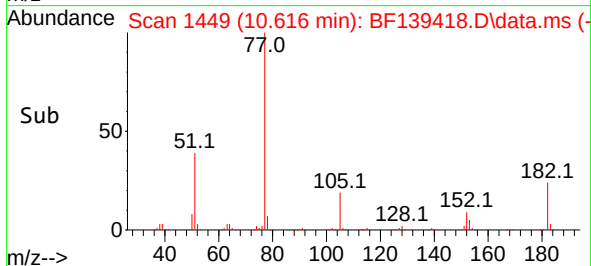
Tgt Ion: 77 Resp: 470097
Ion Ratio Lower Upper
77 100
182 24.2 1.8 41.8
105 18.8 0.0 38.6
51 39.1 21.4 61.4

Manual Integrations

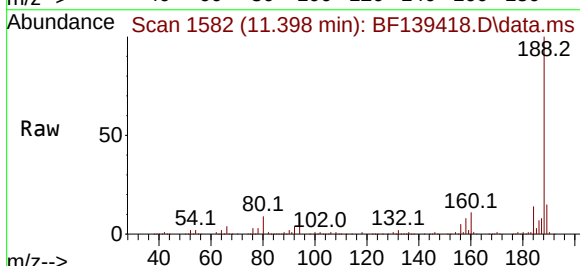
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

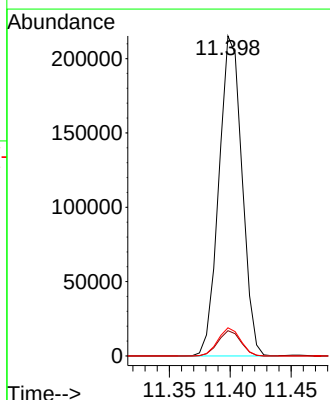
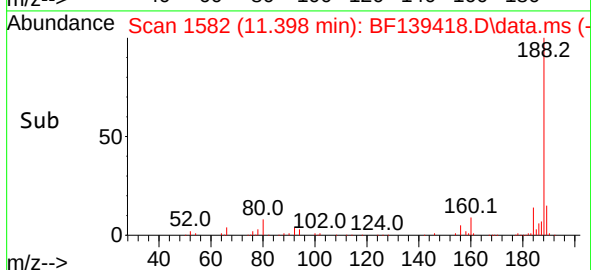
Supervised By :mohammad ahmed 09/20/2024

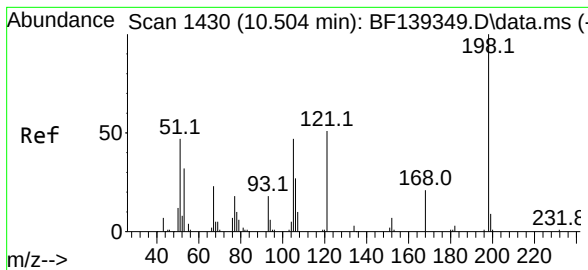


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion:188 Resp: 284115
Ion Ratio Lower Upper
188 100
94 7.9 5.5 8.3
80 8.8 6.6 9.8





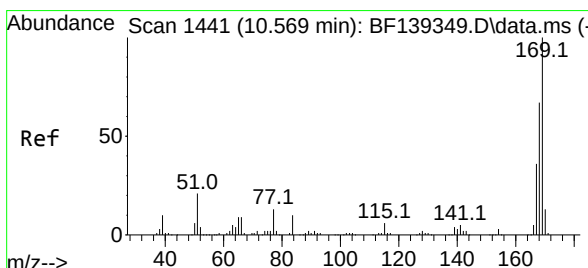
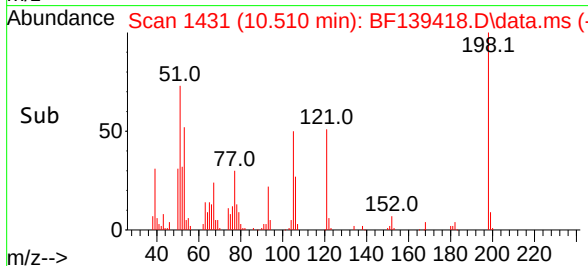
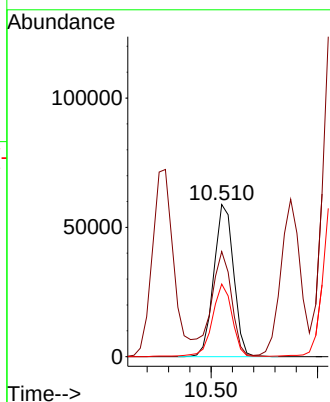
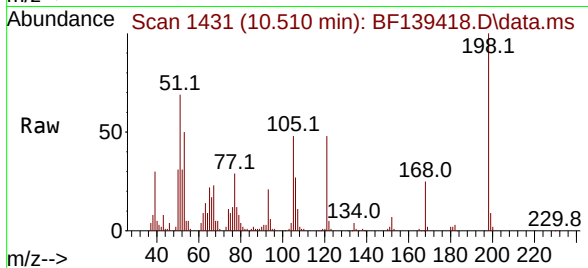
#65
4,6-Dinitro-2-methylphenol
Concen: 50.367 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :
BNA_F
ClientSampleId :
PB163403BS

Tgt Ion:198 Resp: 75520
Ion Ratio Lower Upper
198 100
51 69.1 50.4 90.4
105 47.7 28.3 68.3

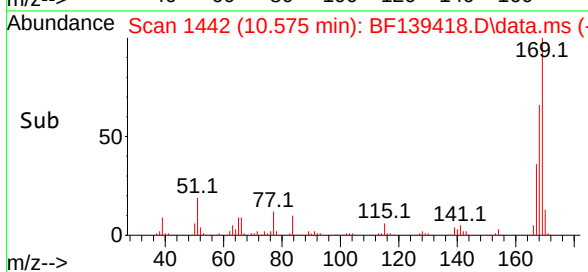
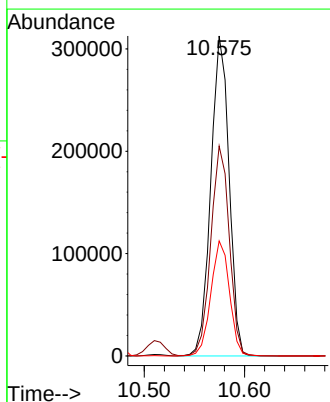
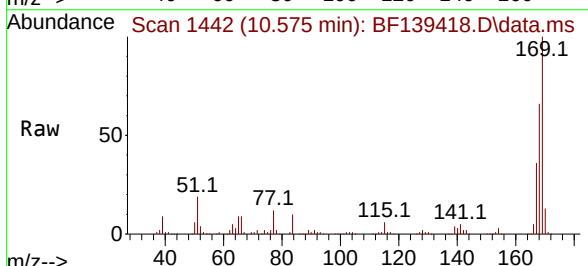
Manual Integrations
APPROVED

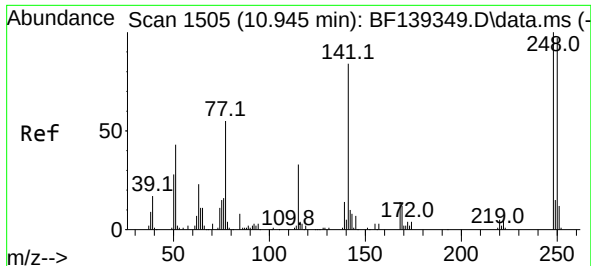
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#66
n-Nitrosodiphenylamine
Concen: 47.612 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:169 Resp: 395491
Ion Ratio Lower Upper
169 100
168 65.6 53.6 80.4
167 35.9 28.7 43.1





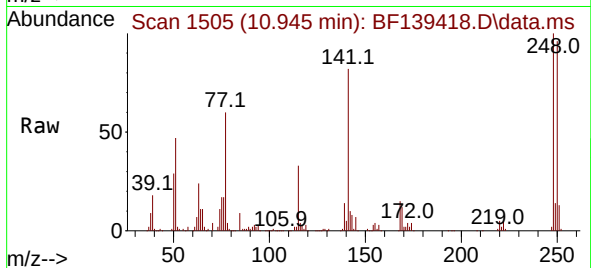
#67
4-Bromophenyl-phenylether
Concen: 47.976 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

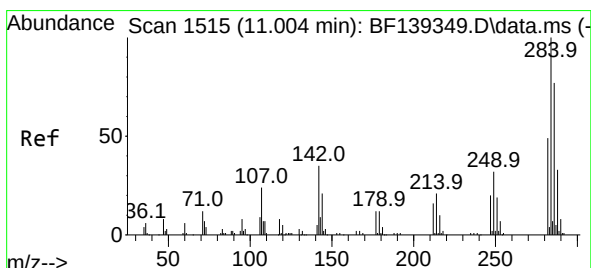
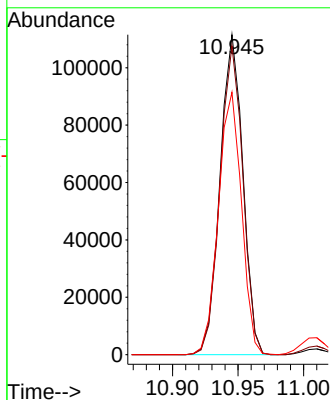
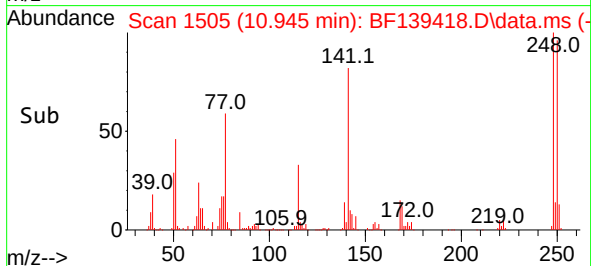


Tgt Ion:248 Resp: 135075
Ion Ratio Lower Upper
248 100
250 96.5 77.6 116.4
141 82.0 66.9 100.3

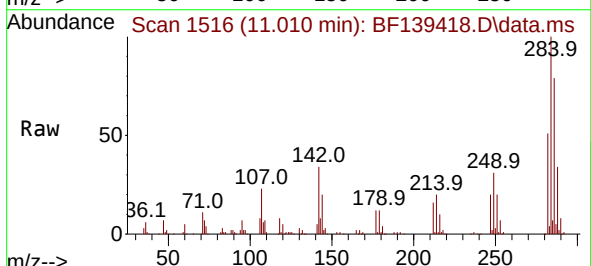
Manual Integrations

APPROVED

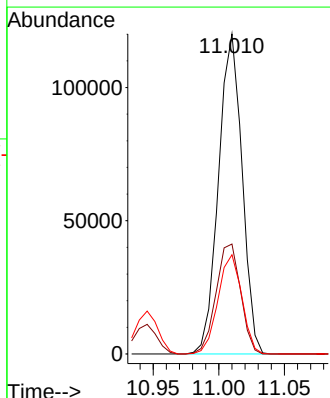
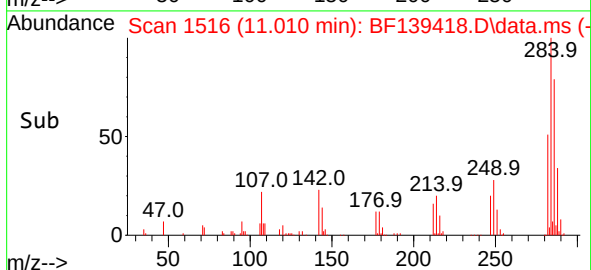
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

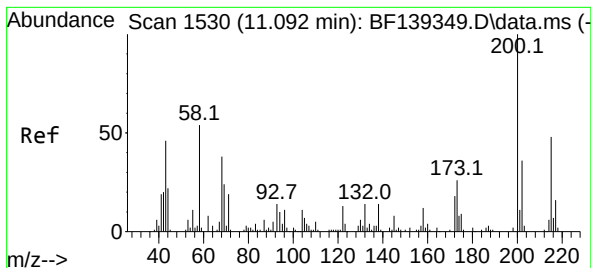


#68
Hexachlorobenzene
Concen: 45.387 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion:284 Resp: 149976
Ion Ratio Lower Upper
284 100
142 34.4 28.0 42.0
249 31.0 25.3 37.9





#69

Atrazine

Concen: 64.348 ng

RT: 11.104 min Scan# 1532

Delta R.T. 0.012 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion:200 Resp: 127249

Ion Ratio Lower Upper

200 100

173 25.6 6.1 46.1

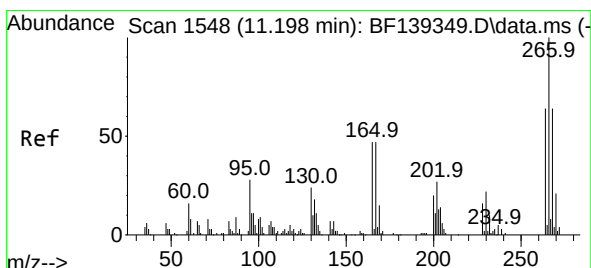
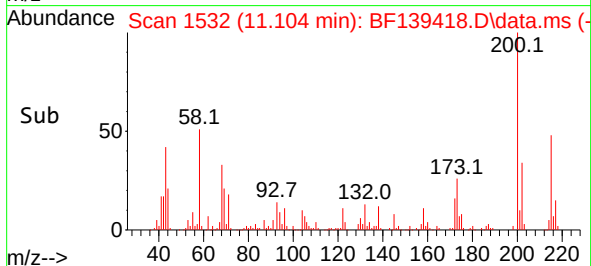
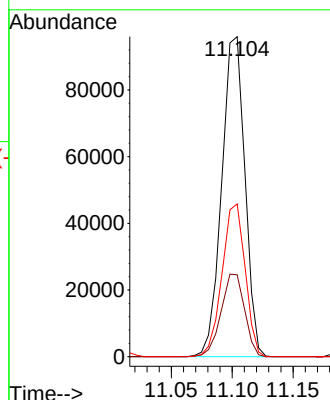
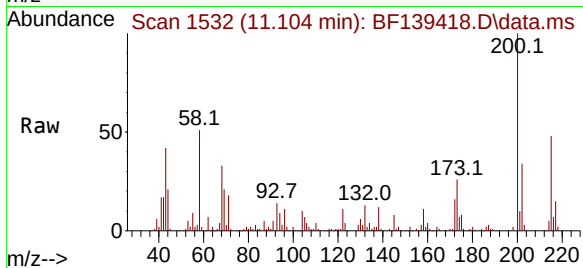
215 47.7 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#70

Pentachlorophenol

Concen: 89.775 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

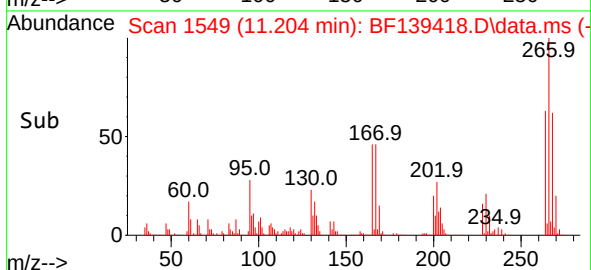
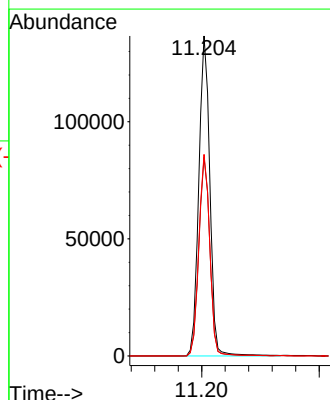
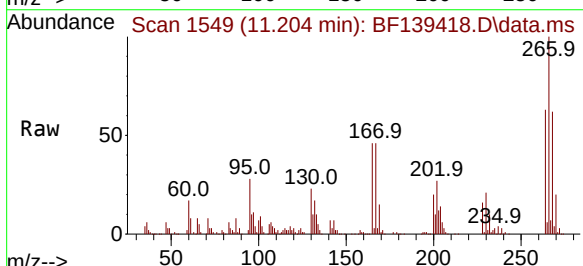
Tgt Ion:266 Resp: 178002

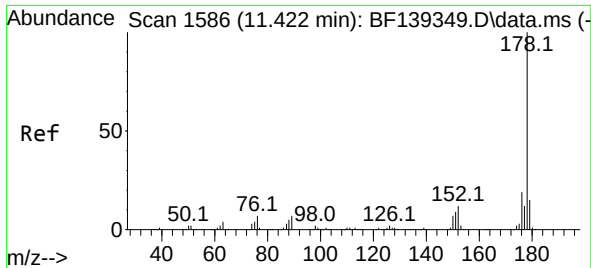
Ion Ratio Lower Upper

266 100

268 62.1 51.1 76.7

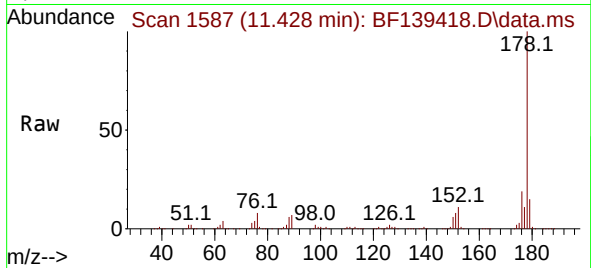
264 63.0 51.4 77.0





#71
Phenanthrene
Concen: 46.352 ng
RT: 11.428 min Scan# 1586
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

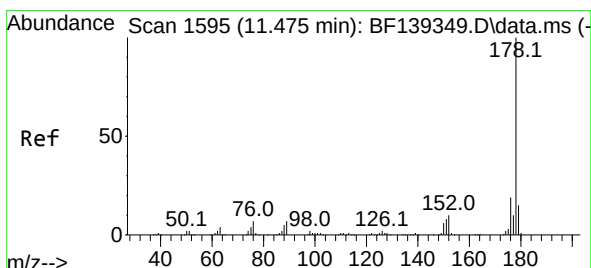
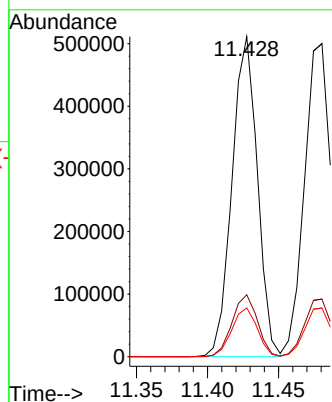
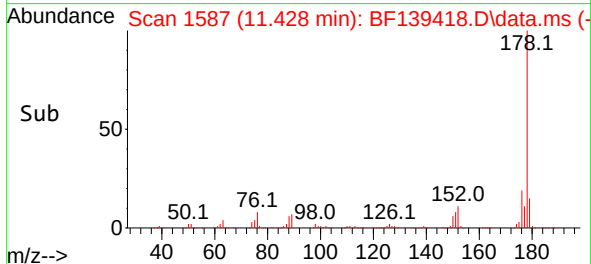
Instrument :
BNA_F
ClientSampleId :
PB163403BS



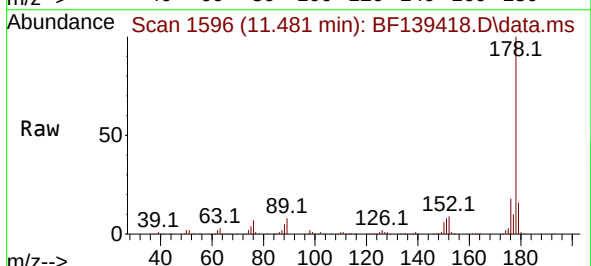
Tgt Ion:178 Resp: 63536
Ion Ratio Lower Upper
178 100
176 19.4 15.2 22.8
179 15.3 12.2 18.4

Manual Integrations
APPROVED

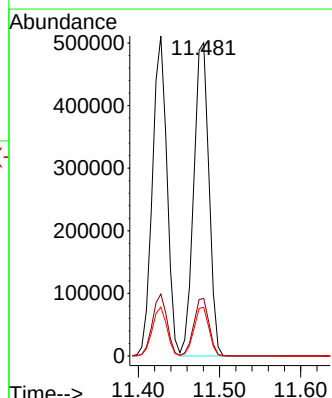
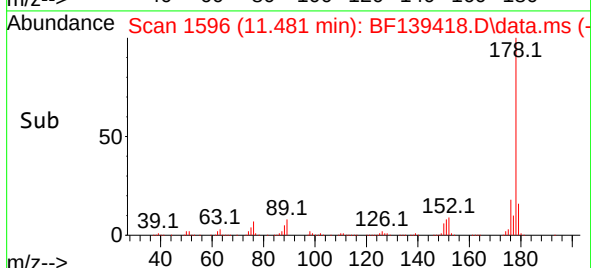
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

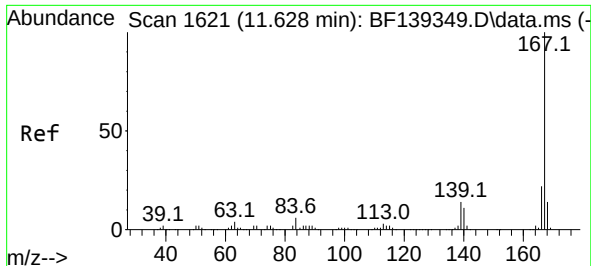


#72
Anthracene
Concen: 48.569 ng
RT: 11.481 min Scan# 1596
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



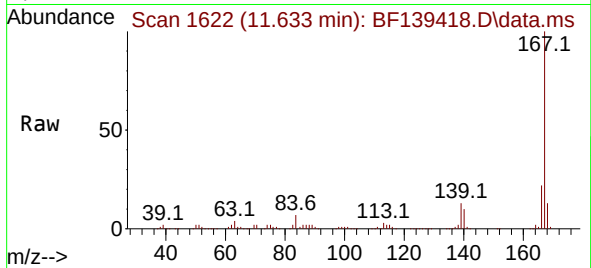
Tgt Ion:178 Resp: 650924
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.6
179 15.6 12.0 18.0





#73
 Carbazole
 Concen: 43.954 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.006 min
 Lab File: BF139418.D
 Acq: 18 Sep 2024 10:43

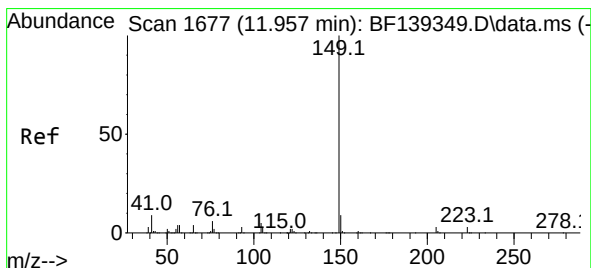
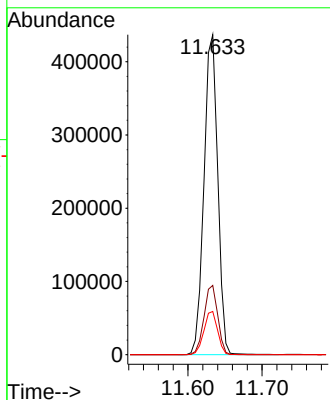
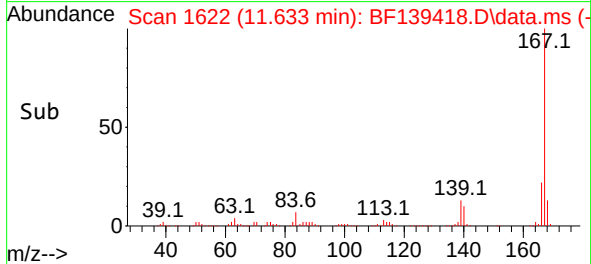
Instrument :
 BNA_F
 ClientSampleId :
 PB163403BS



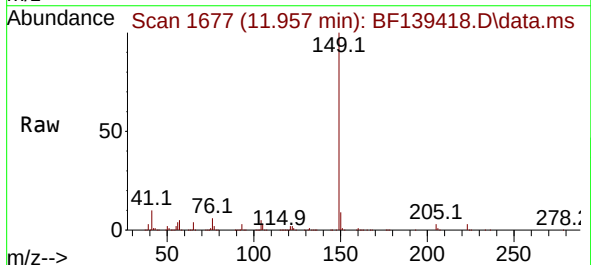
Tgt Ion:167 Resp: 563800
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.5 26.3
 139 13.5 10.9 16.3

Manual Integrations
 APPROVED

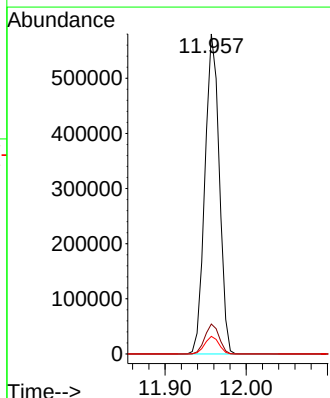
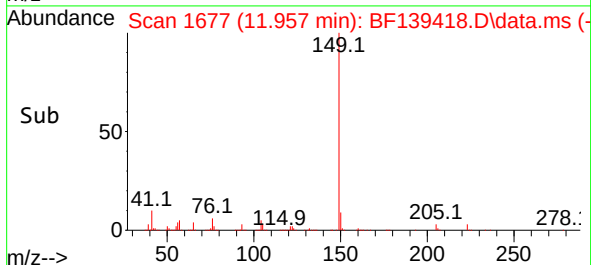
Reviewed By :Yogesh Patel 09/19/2024
 Supervised By :mohammad ahmed 09/20/2024

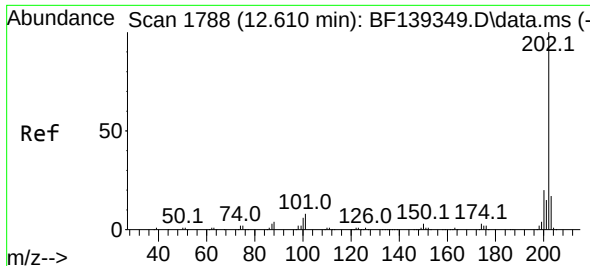


#74
 Di-n-butylphthalate
 Concen: 49.720 ng
 RT: 11.957 min Scan# 1677
 Delta R.T. 0.000 min
 Lab File: BF139418.D
 Acq: 18 Sep 2024 10:43



Tgt Ion:149 Resp: 710441
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 5.5 4.3 6.5





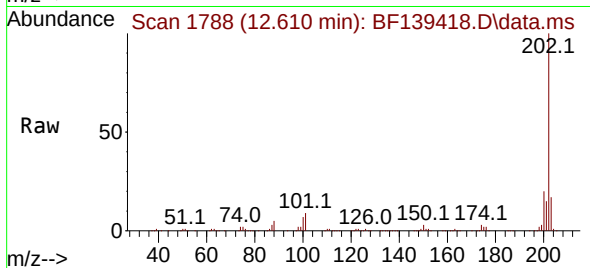
#75
Fluoranthene
Concen: 43.954 ng
RT: 12.610 min Scan# 1788
Delta R.T. -0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



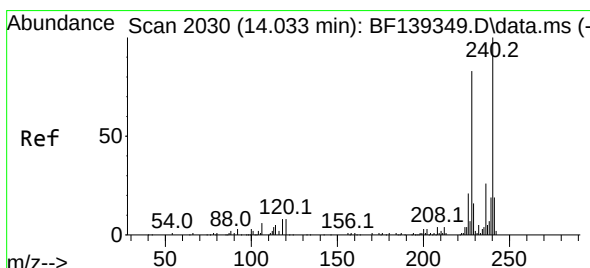
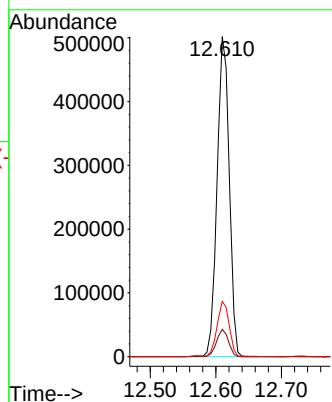
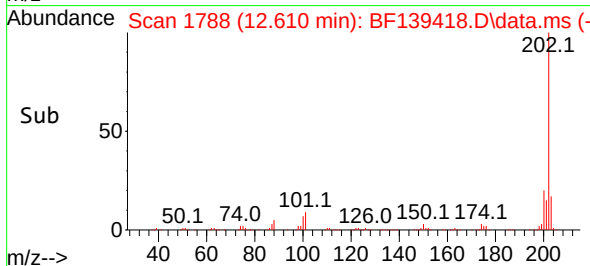
Tgt Ion:202 Resp: 643419
Ion Ratio Lower Upper
202 100
101 8.5 0.0 27.7
203 17.2 0.0 37.4

Manual Integrations

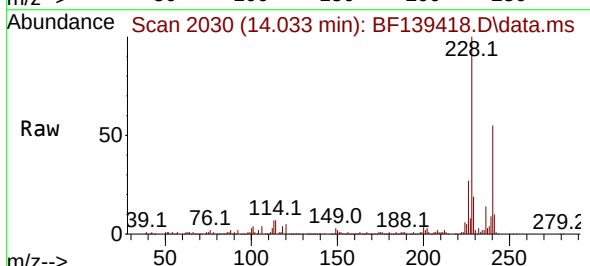
APPROVED

Reviewed By :Yogesh Patel 09/19/2024

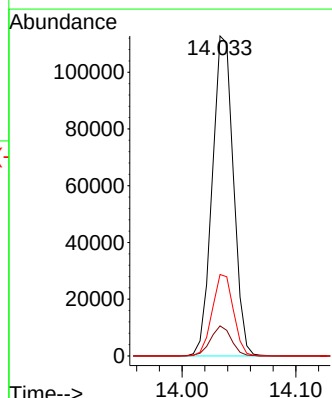
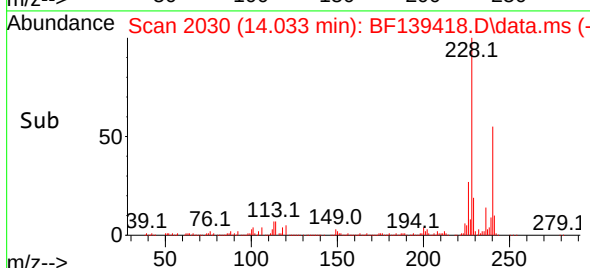
Supervised By :mohammad ahmed 09/20/2024

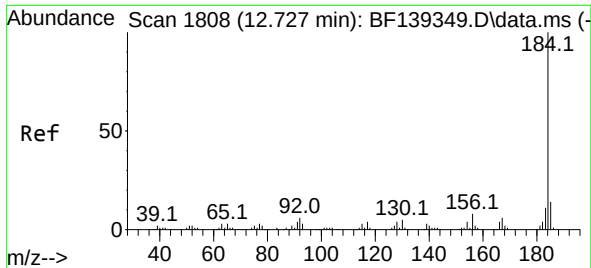


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



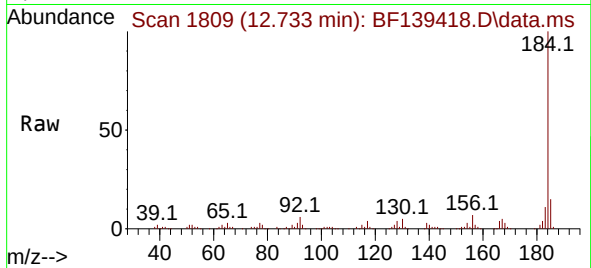
Tgt Ion:240 Resp: 145851
Ion Ratio Lower Upper
240 100
120 9.4 6.2 9.2#
236 25.4 20.9 31.3





#77
Benzidine
Concen: 75.008 ng
RT: 12.733 min Scan# 1809
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

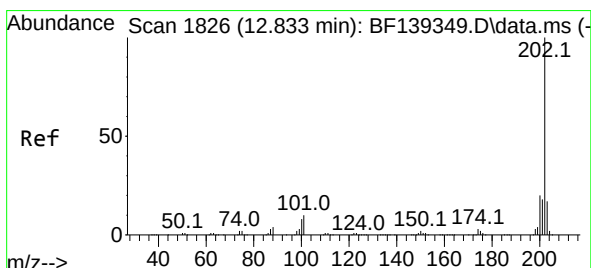
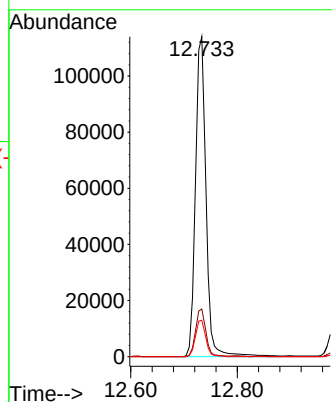
Instrument :
BNA_F
ClientSampleId :
PB163403BS



Tgt Ion:184 Resp: 156738
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 11.4 8.9 13.3

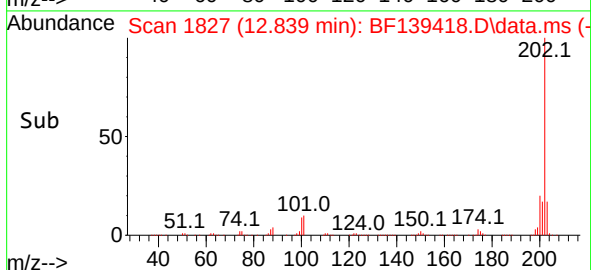
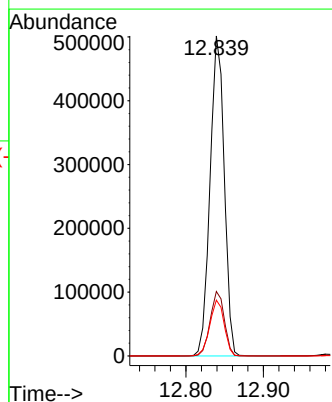
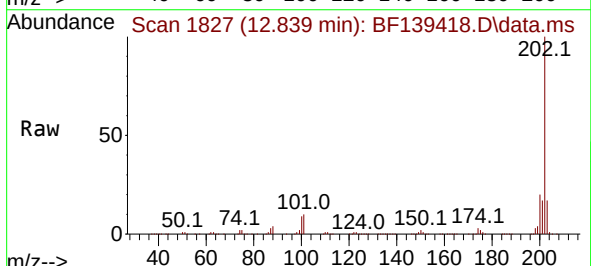
Manual Integrations
APPROVED

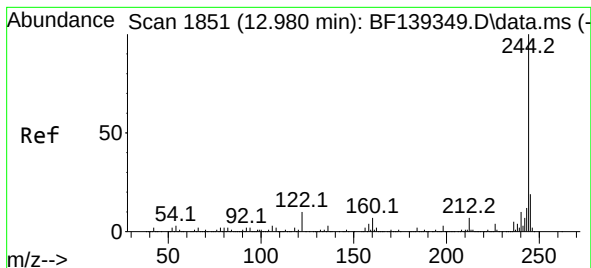
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024



#78
Pyrene
Concen: 50.996 ng
RT: 12.839 min Scan# 1827
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Tgt Ion:202 Resp: 638641
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 17.5 13.9 20.9





#79

Terphenyl-d14

Concen: 107.554 ng

RT: 12.980 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139418.D

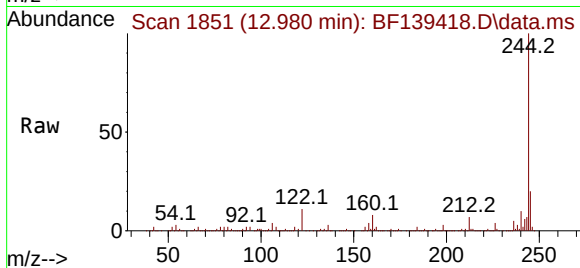
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



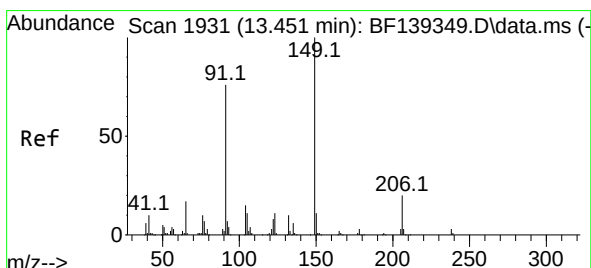
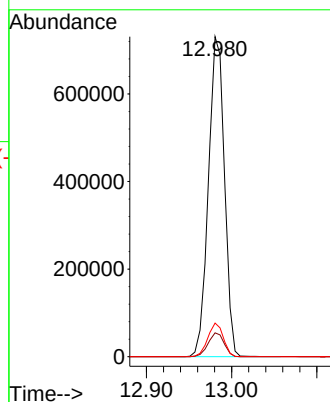
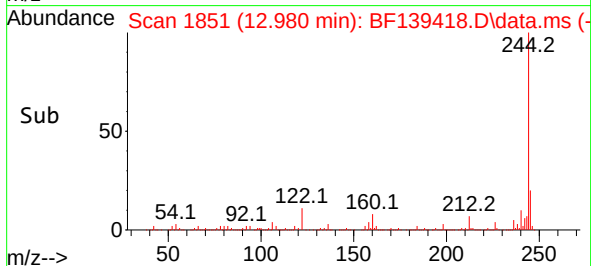
Tgt Ion:	244	Resp:	95570
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	10.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#80

Butylbenzylphthalate

Concen: 53.437 ng

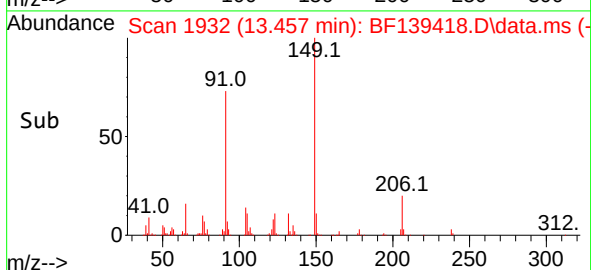
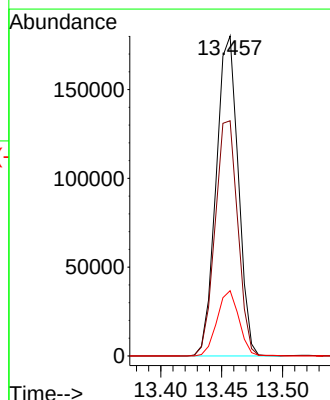
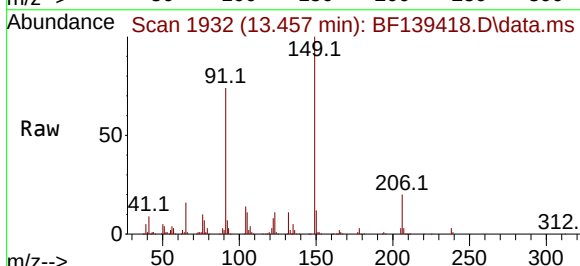
RT: 13.457 min Scan# 1932

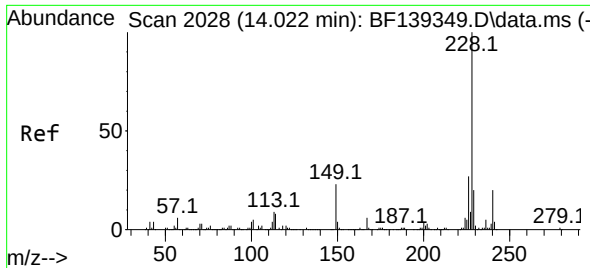
Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Tgt Ion:	149	Resp:	227782
Ion Ratio	Lower	Upper	
149	100		
91	73.5	60.9	91.3
206	20.4	15.8	23.8





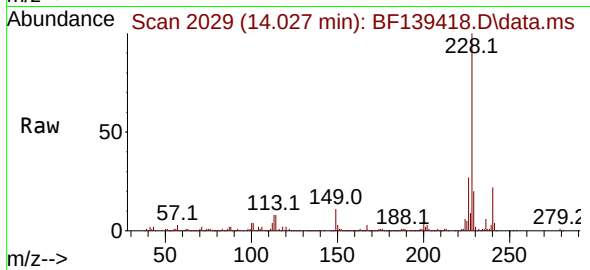
#81
Benzo(a)anthracene
Concen: 47.856 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

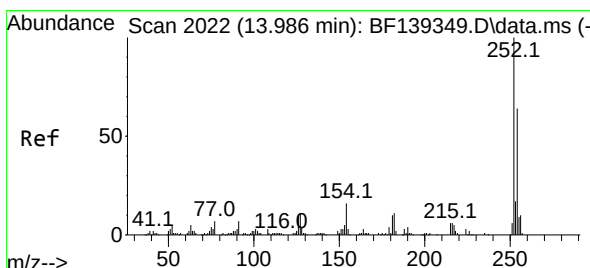
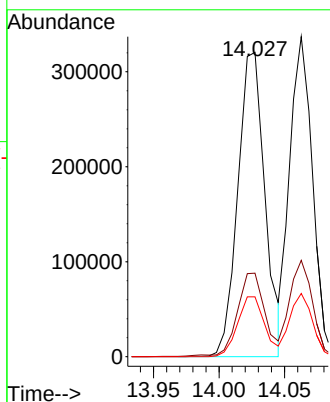
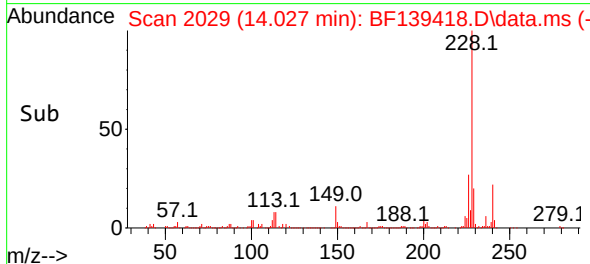


Tgt Ion:228 Resp: 462339
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 19.7 15.7 23.5

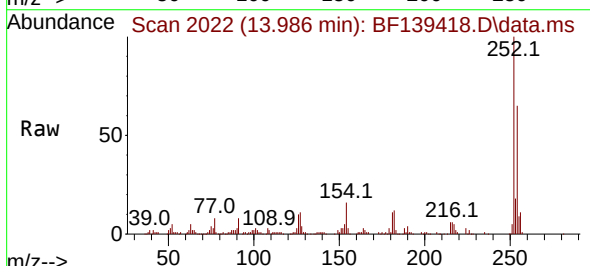
Manual Integrations

APPROVED

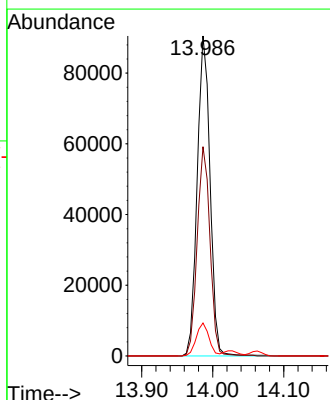
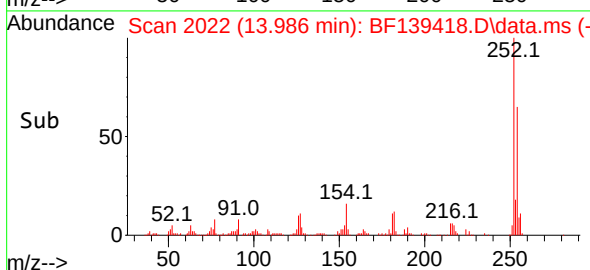
Reviewed By :Yogesh Patel 09/19/2024
Supervised By :mohammad ahmed 09/20/2024

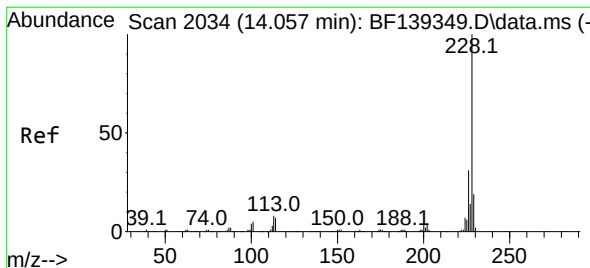


#82
3,3'-Dichlorobenzidine
Concen: 40.343 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139418.D
Acq: 18 Sep 2024 10:43



Tgt Ion:252 Resp: 114141
Ion Ratio Lower Upper
252 100
254 65.4 51.4 77.2
126 10.3 7.7 11.5





#83

Chrysene

Concen: 45.818 ng

RT: 14.063 min Scan# 2035

Delta R.T. 0.006 min

Lab File: BF139418.D

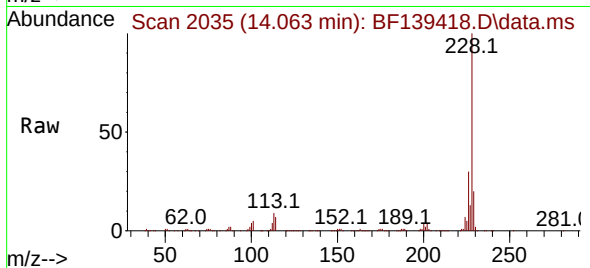
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



Tgt Ion:228 Resp: 40724

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

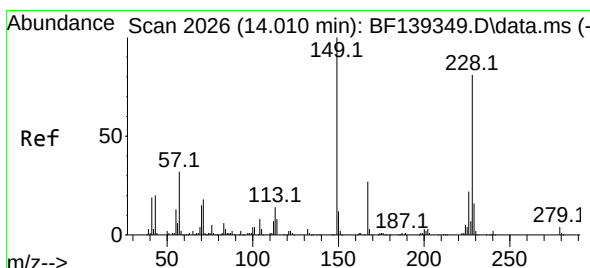
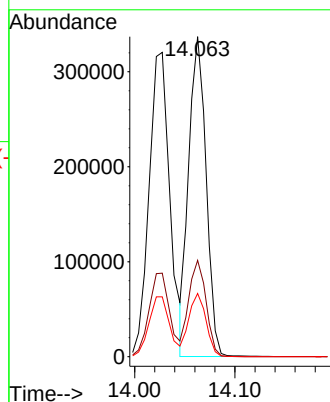
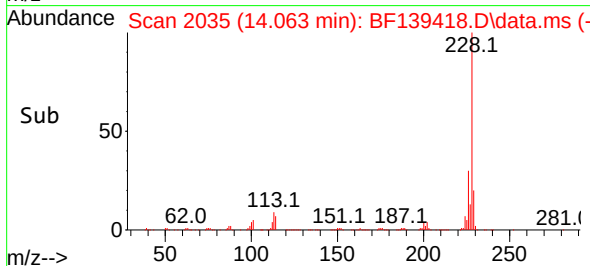
229 19.7 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.394 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

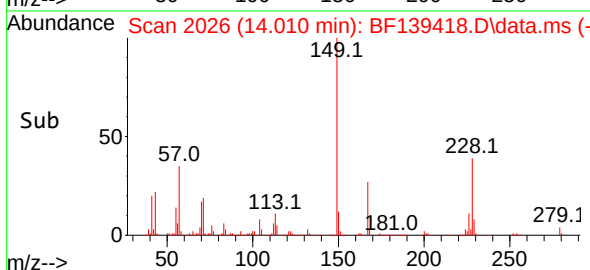
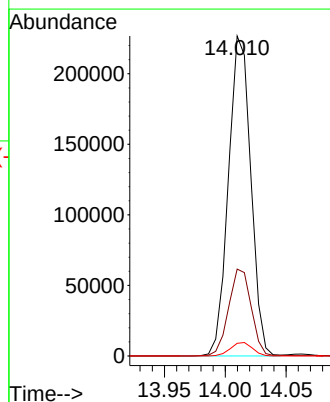
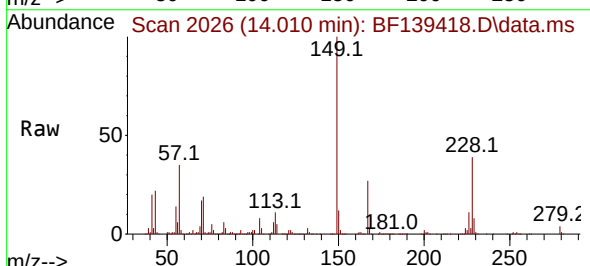
Tgt Ion:149 Resp: 289537

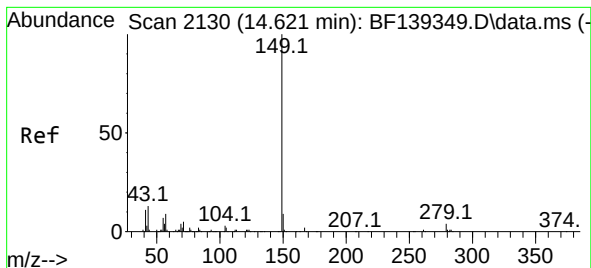
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 55.561 ng

RT: 14.627 min Scan# 2130

Delta R.T. 0.006 min

Lab File: BF139418.D

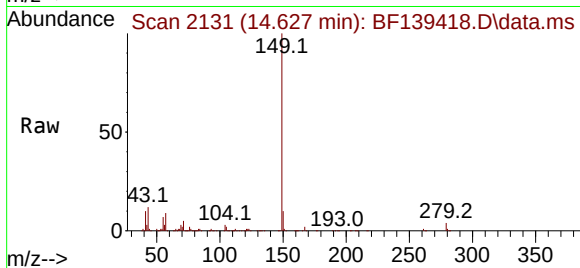
Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS



Tgt Ion:149 Resp: 443714

Ion Ratio Lower Upper

149 100

167 1.7 1.2 1.8

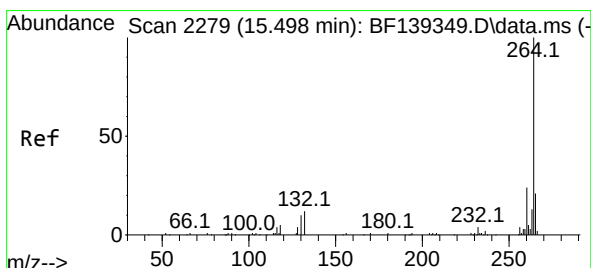
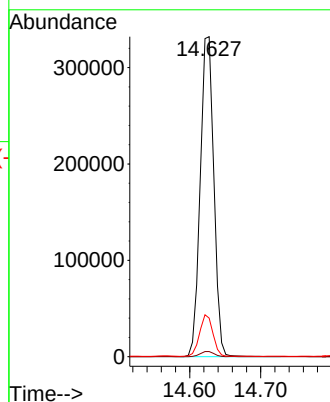
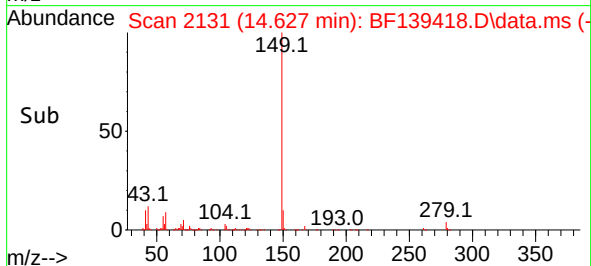
43 12.7 10.6 16.0

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: BF139418.D

Acq: 18 Sep 2024 10:43

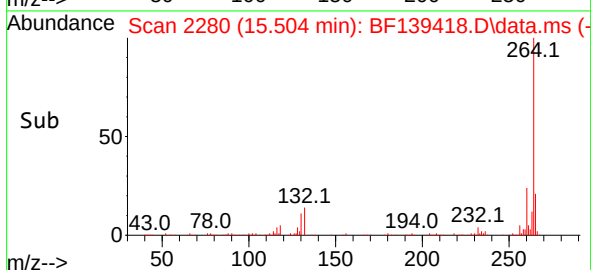
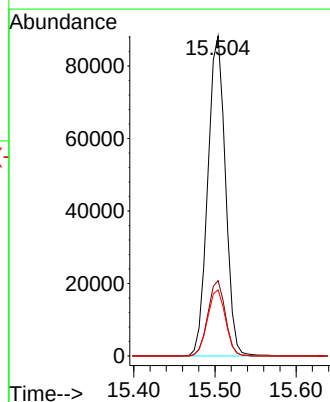
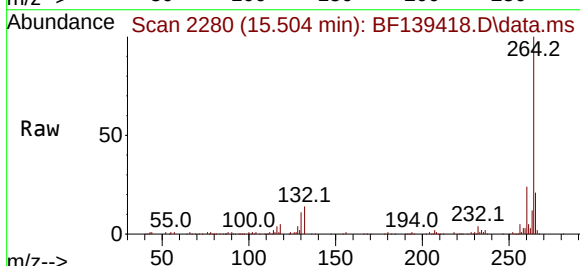
Tgt Ion:264 Resp: 132795

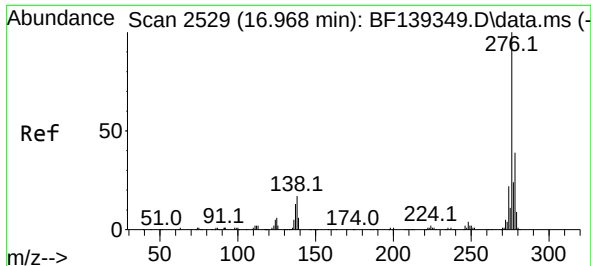
Ion Ratio Lower Upper

264 100

260 23.5 19.5 29.3

265 20.6 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 50.237 ng
 RT: 16.980 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF139418.D
 Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

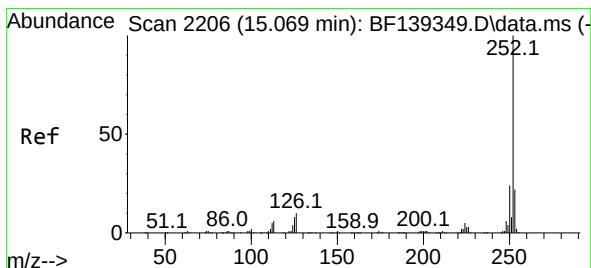
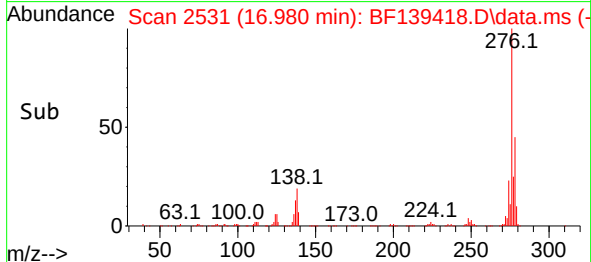
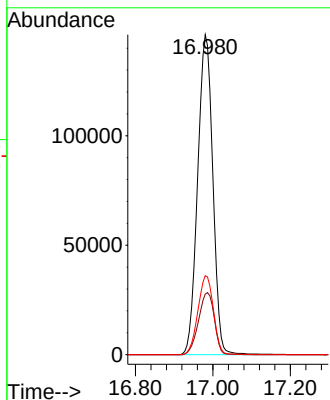
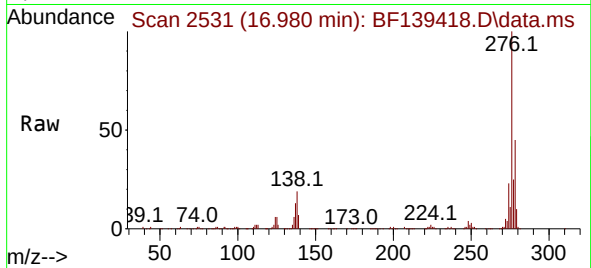
Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.2	15.4	23.2
277	25.3	20.4	30.6

Manual Integrations

APPROVED

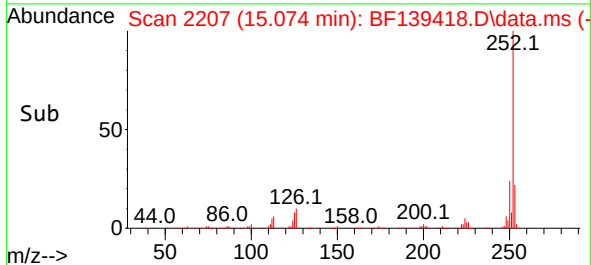
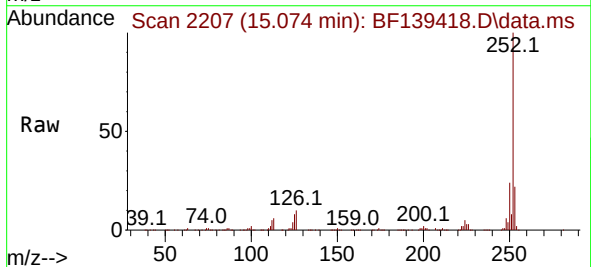
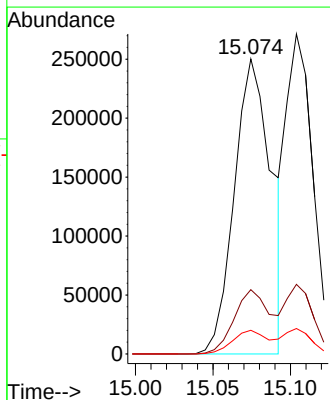
Reviewed By :Yogesh Patel 09/19/2024

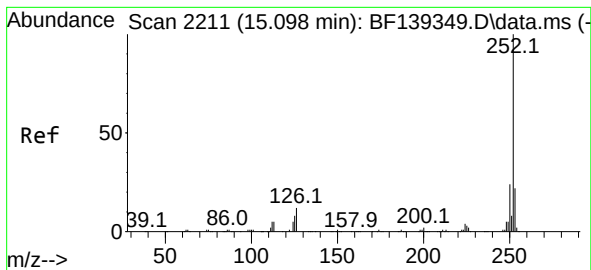
Supervised By :mohammad ahmed 09/20/2024



#88
 Benzo(b)fluoranthene
 Concen: 50.681 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139418.D
 Acq: 18 Sep 2024 10:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.6	26.4
125	8.0	6.2	9.2





#89

Benzo(k)fluoranthene

Concen: 43.035 ng

RT: 15.104 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion:252 Resp: 324972

Ion Ratio Lower Upper

252 100

253 21.8 17.3 25.9

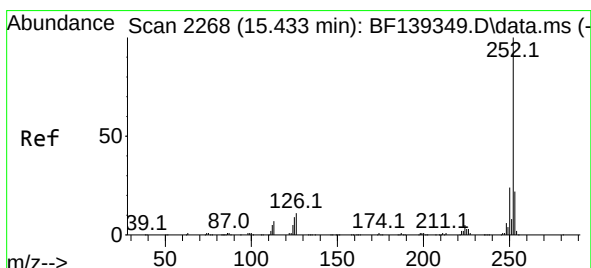
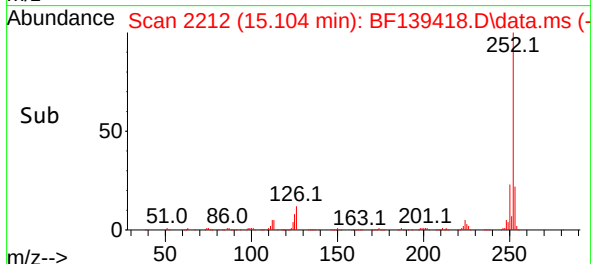
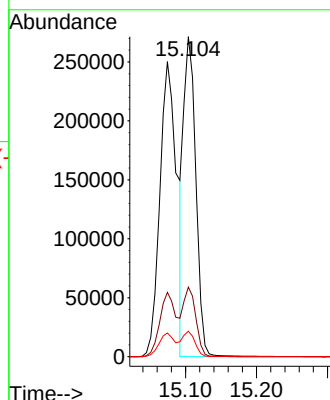
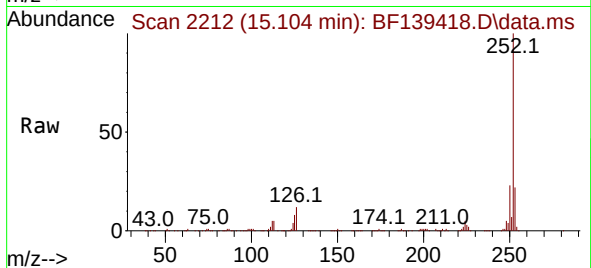
125 7.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#90

Benzo(a)pyrene

Concen: 51.356 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

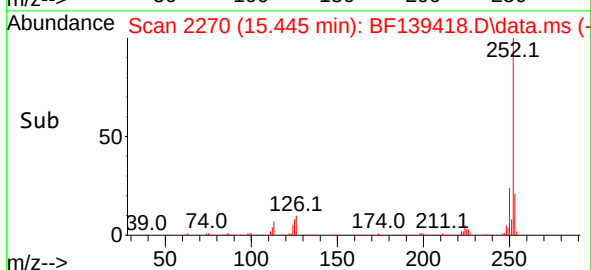
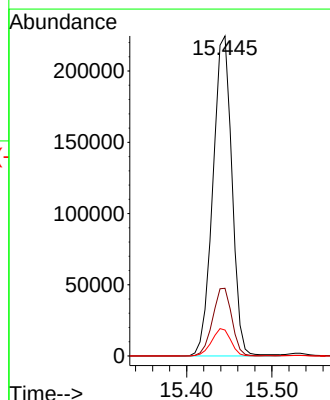
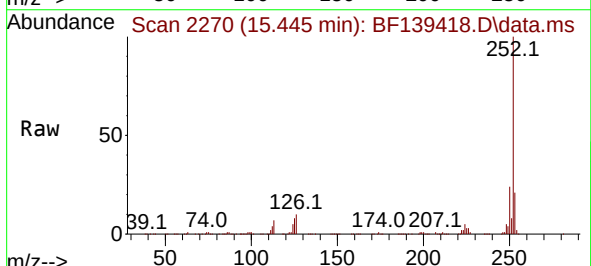
Tgt Ion:252 Resp: 348828

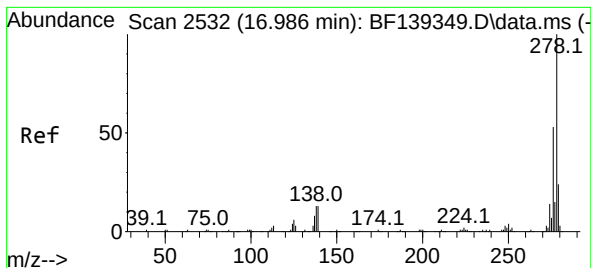
Ion Ratio Lower Upper

252 100

253 21.1 17.3 25.9

125 8.1 6.8 10.2





#91

Dibenzo(a,h)anthracene

Concen: 49.801 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Instrument :

BNA_F

ClientSampleId :

PB163403BS

Tgt Ion:278 Resp: 32495

Ion Ratio Lower Upper

278 100

139 12.8 10.2 15.2

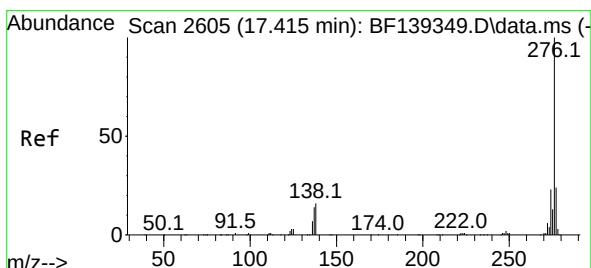
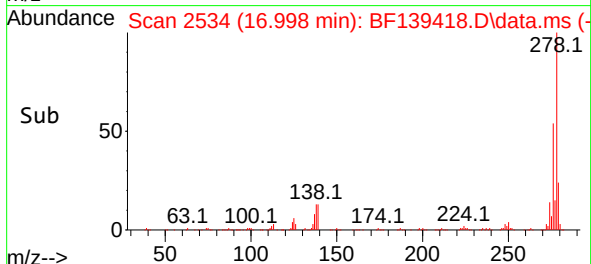
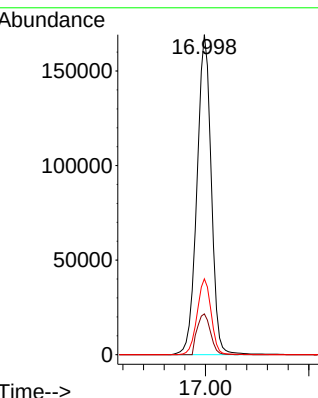
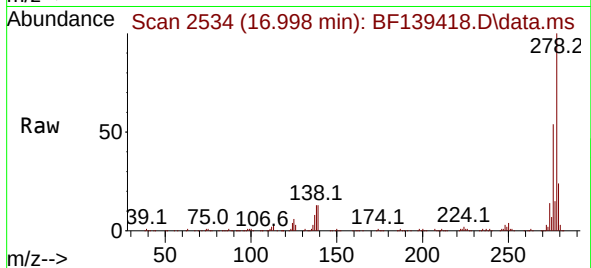
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/19/2024

Supervised By :mohammad ahmed 09/20/2024



#92

Benzo(g,h,i)perylene

Concen: 46.317 ng

RT: 17.427 min Scan# 2607

Delta R.T. 0.012 min

Lab File: BF139418.D

Acq: 18 Sep 2024 10:43

Tgt Ion:276 Resp: 299235

Ion Ratio Lower Upper

276 100

277 22.7 18.9 28.3

138 17.1 13.0 19.6

