

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091924\
 Data File : BF139455.D
 Acq On : 19 Sep 2024 10:36
 Operator : RC/JU
 Sample : PB163454BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163454BS

Quant Time: Sep 19 11:38:18 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	79295	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	290626	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	158119	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	290000	20.000	ng	0.00
76) Chrysene-d12	14.039	240	154154	20.000	ng	0.00
86) Perylene-d12	15.504	264	152828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	574020	118.094	ng	0.02
7) Phenol-d6	6.516	99	744773	116.735	ng	0.01
23) Nitrobenzene-d5	7.446	82	506519	81.934	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	199040	118.239	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	927367	82.258	ng	0.00
79) Terphenyl-d14	12.980	244	878725	93.564	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.781	88	69242	35.506	ng	97
3) Pyridine	3.522	79	182353	42.412	ng	98
4) n-Nitrosodimethylamine	3.481	42	145971	39.169	ng	89
6) Aniline	6.540	93	217209	45.113	ng	# 75
8) 2-Chlorophenol	6.663	128	216327	43.235	ng	99
9) Benzaldehyde	6.428	77	44990	12.205	ng	98
10) Phenol	6.528	94	281428	43.310	ng	94
11) bis(2-Chloroethyl)ether	6.616	93	207666	42.048	ng	99
12) 1,3-Dichlorobenzene	6.822	146	232920	40.933	ng	99
13) 1,4-Dichlorobenzene	6.898	146	234710	40.817	ng	98
14) 1,2-Dichlorobenzene	7.046	146	223891	41.205	ng	99
15) Benzyl Alcohol	7.022	79	215952	42.426	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	377179	49.555	ng	98
17) 2-Methylphenol	7.134	107	173342	43.605	ng	99
18) Hexachloroethane	7.393	117	89469	40.849	ng	98
19) n-Nitroso-di-n-propyla...	7.293	70	168441	44.553	ng	100
20) 3+4-Methylphenols	7.287	107	225973	41.665	ng	# 89
22) Acetophenone	7.287	105	312687	41.155	ng	98
24) Nitrobenzene	7.463	77	255216	40.112	ng	98
25) Isophorone	7.698	82	446146	45.632	ng	99
26) 2-Nitrophenol	7.775	139	113430	45.759	ng	97
27) 2,4-Dimethylphenol	7.816	122	178849	54.697	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	252450	45.306	ng	98
29) 2,4-Dichlorophenol	8.016	162	179852	43.297	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	197697	40.846	ng	98
31) Naphthalene	8.187	128	651501	42.940	ng	100
32) Benzoic acid	7.934	122	117111	38.272	ng	95
33) 4-Chloroaniline	8.228	127	137285	29.577	ng	99
34) Hexachlorobutadiene	8.298	225	132398	40.264	ng	100
35) Caprolactam	8.604	113	56073m	43.883	ng	
36) 4-Chloro-3-methylphenol	8.716	107	203701	42.908	ng	95
37) 2-Methylnaphthalene	8.875	142	419623	43.573	ng	99
38) 1-Methylnaphthalene	8.975	142	389291	41.174	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	202281	43.166	ng	98
41) Hexachlorocyclopentadiene	9.028	237	253946	155.204	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	141419	46.385	ng	99

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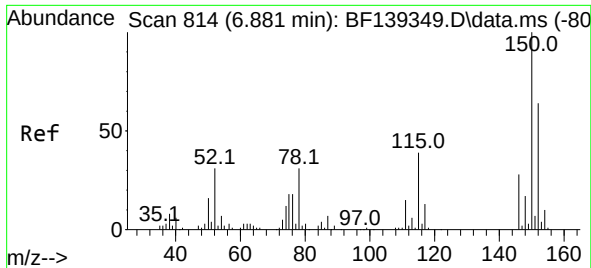
Manual Integrations
 APPROVED

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 Supervised By :mohammad ahmed 09/22/2024

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	140596	43.718	ng	99
46) 1,1'-Biphenyl	9.339	154	522506	42.953	ng	99
47) 2-Chloronaphthalene	9.363	162	387139	42.564	ng	100
48) 2-Nitroaniline	9.457	65	149350	44.147	ng	98
49) Acenaphthylene	9.781	152	642256	46.910	ng	99
50) Dimethylphthalate	9.639	163	459991	44.323	ng	100
51) 2,6-Dinitrotoluene	9.698	165	101524	44.159	ng	98
52) Acenaphthene	9.951	154	463689	48.526	ng	100
53) 3-Nitroaniline	9.869	138	68226	29.694	ng	94
54) 2,4-Dinitrophenol	9.975	184	117921	92.048	ng	92
55) Dibenzofuran	10.122	168	587480	44.110	ng	96
56) 4-Nitrophenol	10.034	139	159612	83.954	ng	85
57) 2,4-Dinitrotoluene	10.104	165	137283	44.229	ng	99
58) Fluorene	10.463	166	465773	42.862	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	120249	45.201	ng	97
60) Diethylphthalate	10.339	149	472351	44.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	224599	42.528	ng	96
62) 4-Nitroaniline	10.486	138	100246	39.977	ng	92
63) Azobenzene	10.616	77	463342	43.987	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	74058	48.386	ng	96
66) n-Nitrosodiphenylamine	10.575	169	390473	46.054	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	130336	45.353	ng	99
68) Hexachlorobenzene	11.010	284	146816	43.529	ng	99
69) Atrazine	11.098	200	127971	63.399	ng	98
70) Pentachlorophenol	11.204	266	167893	82.959	ng	99
71) Phenanthrene	11.428	178	626410	44.771	ng	99
72) Anthracene	11.481	178	643635	47.051	ng	100
73) Carbazole	11.633	167	571464	43.647	ng	99
74) Di-n-butylphthalate	11.957	149	683395	46.856	ng	100
75) Fluoranthene	12.610	202	639392	42.793	ng	99
77) Benzidine	12.733	184	147180	66.640	ng	99
78) Pyrene	12.839	202	635983	48.049	ng	99
80) Butylbenzylphthalate	13.457	149	220692	48.985	ng	98
81) Benzo(a)anthracene	14.027	228	474349	46.454	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	103882	34.739	ng	97
83) Chrysene	14.063	228	431216	45.902	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	284150	49.578	ng	99
85) Di-n-octyl phthalate	14.627	149	432012	51.182	ng	99
87) Indeno(1,2,3-cd)pyrene	16.986	276	442008	48.639	ng	98
88) Benzo(b)fluoranthene	15.074	252	426495	45.249	ng	99
89) Benzo(k)fluoranthene	15.110	252	383003	44.071	ng	100
90) Benzo(a)pyrene	15.445	252	385363	49.298	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	358417	47.730	ng	99
92) Benzo(g,h,i)perylene	17.433	276	329024	44.252	ng	98

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



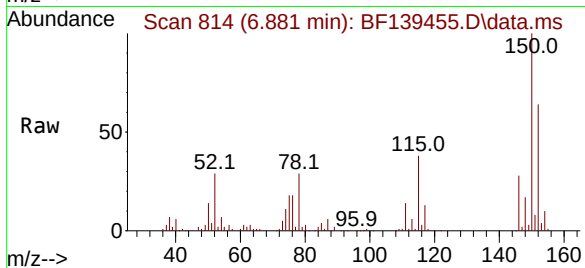
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



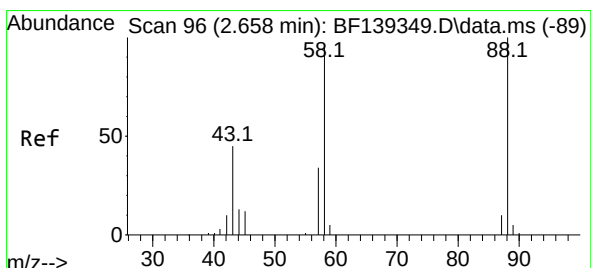
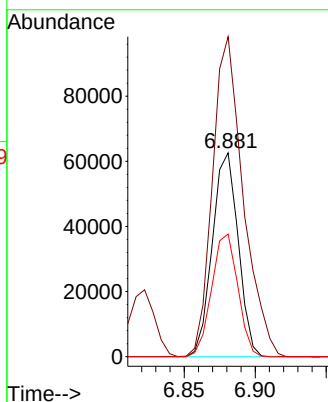
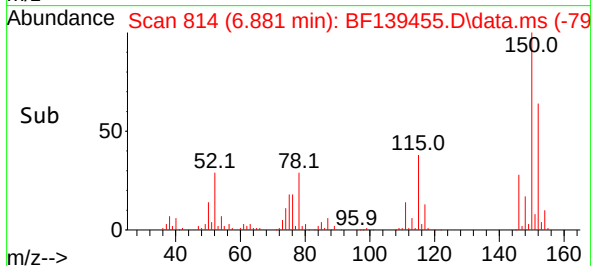
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Ion Ratio Lower Upper
152 100
150 157.0 124.1 186.1
115 60.2 48.1 72.1

Manual Integrations

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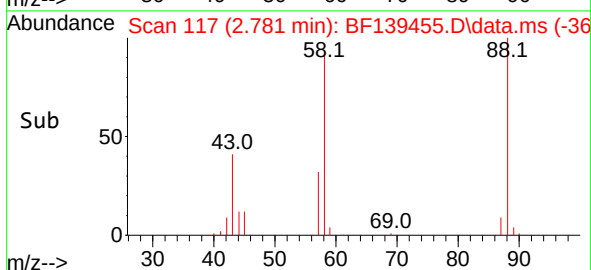
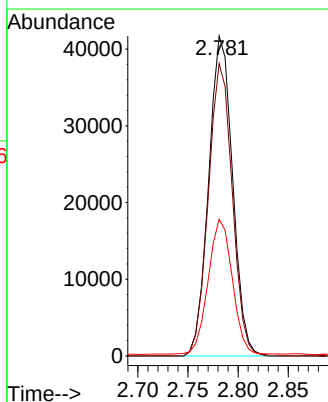
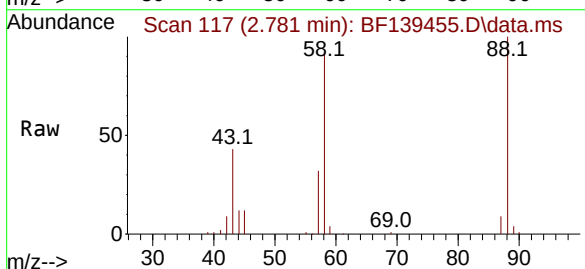
Reviewed By :Yogesh Patel 09/21/2024

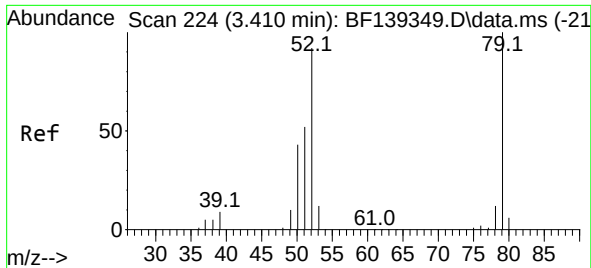
Supervised By :mohammad ahmed 09/22/2024



#2
1,4-Dioxane
Concen: 35.506 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.124 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion: 88 Resp: 69242
Ion Ratio Lower Upper
88 100
58 91.2 74.8 112.2
43 42.6 36.4 54.6





#3

Pyridine

Concen: 42.412 ng

RT: 3.522 min Scan# 24

Delta R.T. 0.112 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion: 79 Resp: 18235

Ion Ratio Lower Upper

79 100

52 93.1 73.8 110.8

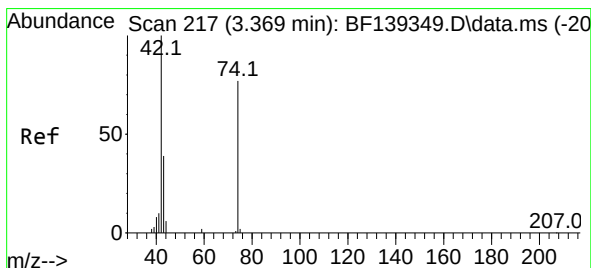
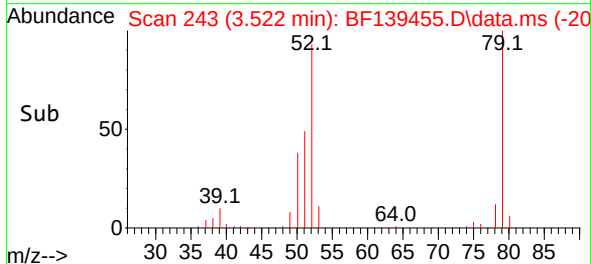
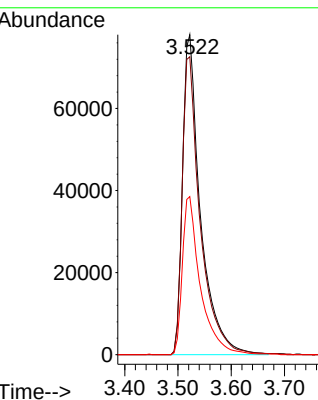
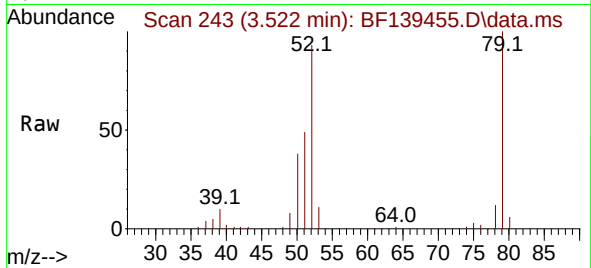
51 49.4 41.8 62.6

Manual Integrations

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Supervised By :mohammad ahmed 09/22/2024



#4

n-Nitrosodimethylamine

Concen: 39.169 ng

RT: 3.481 min Scan# 236

Delta R.T. 0.112 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

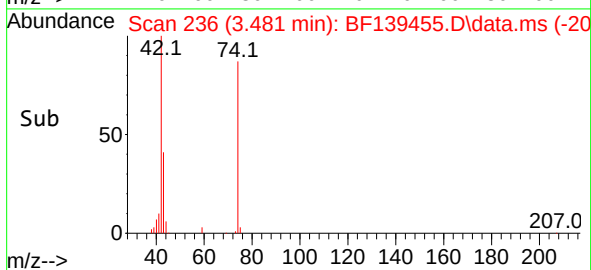
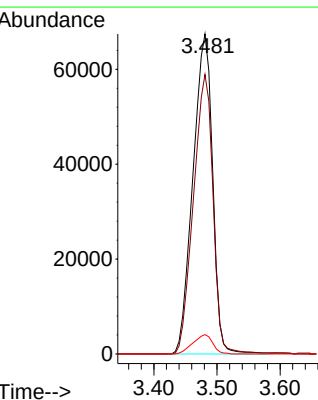
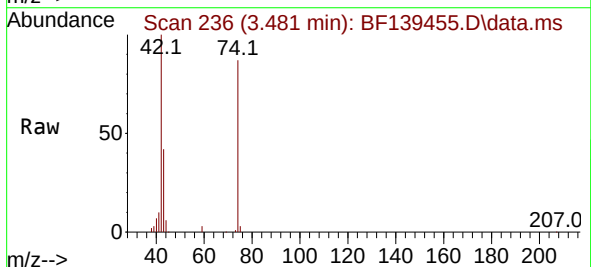
Tgt Ion: 42 Resp: 145971

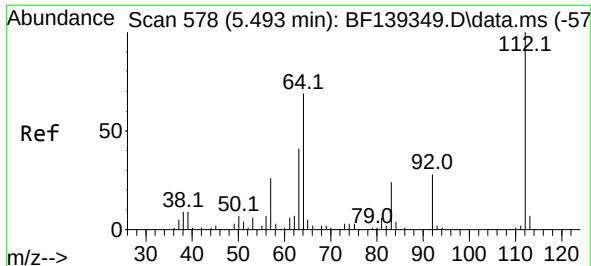
Ion Ratio Lower Upper

42 100

74 87.4 61.8 92.8

44 6.1 4.8 7.2





#5
2-Fluorophenol
Concen: 118.094 ng
RT: 5.510 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

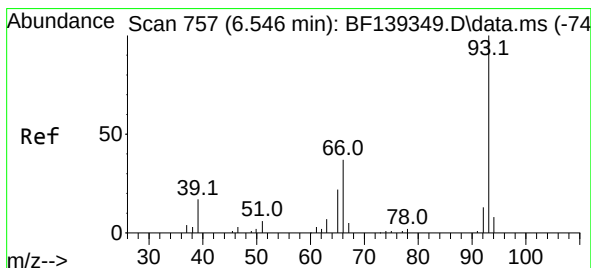
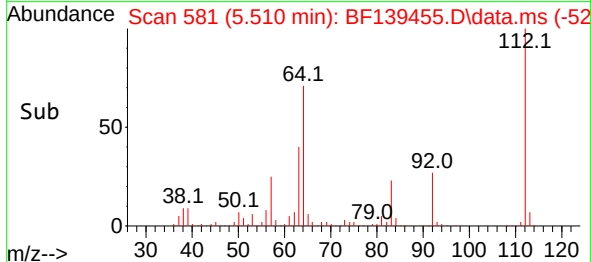
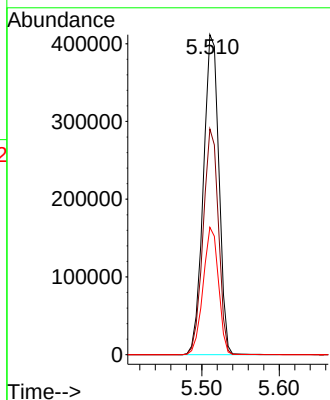
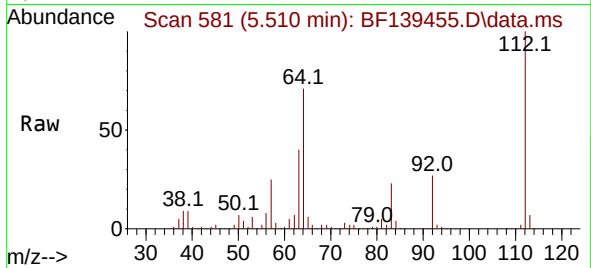
ClientSampleId :

PB163454BS

Tgt Ion:112 Resp: 574020
Ion Ratio Lower Upper
112 100
64 70.6 54.8 82.2
63 39.8 33.0 49.4

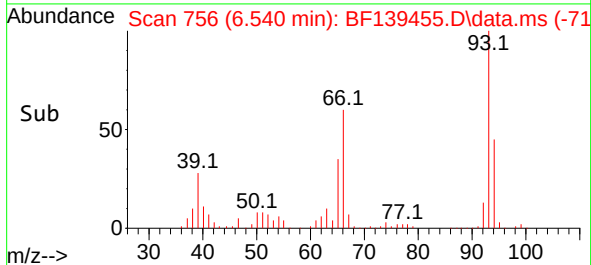
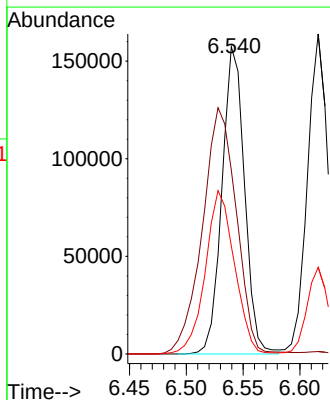
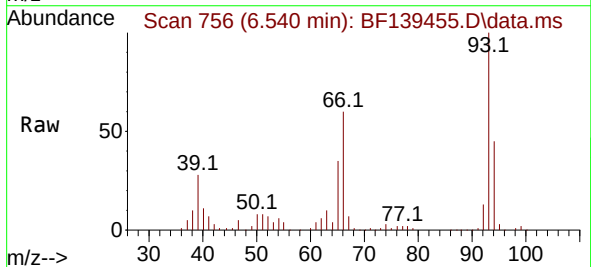
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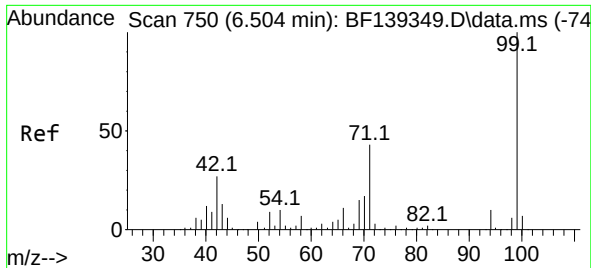
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#6
Aniline
Concen: 45.113 ng
RT: 6.540 min Scan# 756
Delta R.T. -0.029 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion: 93 Resp: 217209
Ion Ratio Lower Upper
93 100
66 59.8 35.4 53.0#
65 35.1 18.2 27.4#





#7

Phenol-d6

Concen: 116.735 ng

RT: 6.516 min Scan# 750

Delta R.T. 0.012 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion: 99 Resp: 74477

Ion Ratio Lower Upper

99 100

42 25.0 21.9 32.9

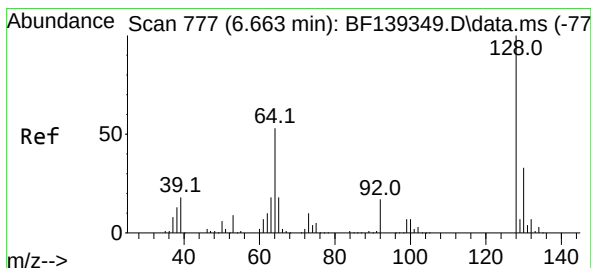
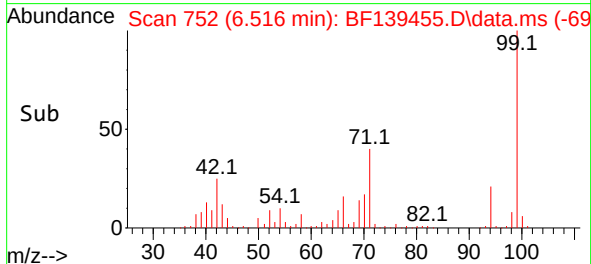
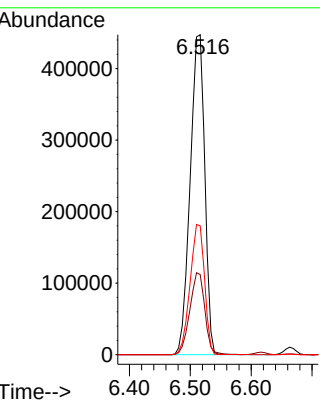
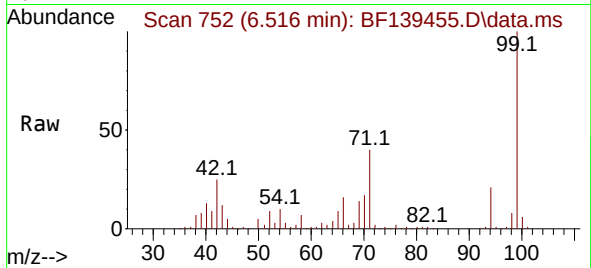
71 40.3 34.6 52.0

Manual Integrations

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Supervised By :mohammad ahmed 09/22/2024



#8

2-Chlorophenol

Concen: 43.235 ng

RT: 6.663 min Scan# 777

Delta R.T. 0.000 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

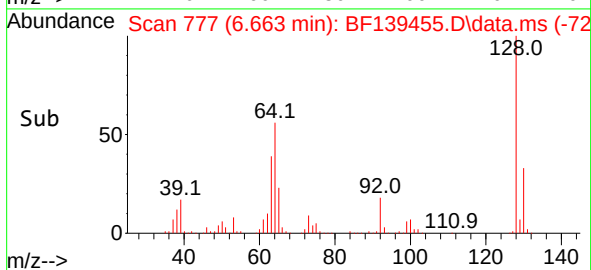
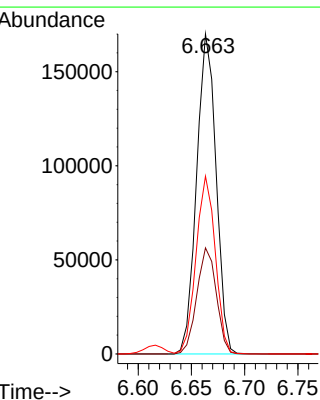
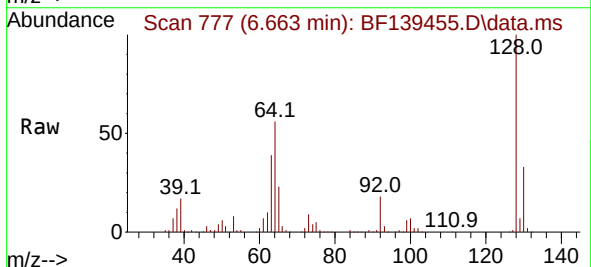
Tgt Ion:128 Resp: 216327

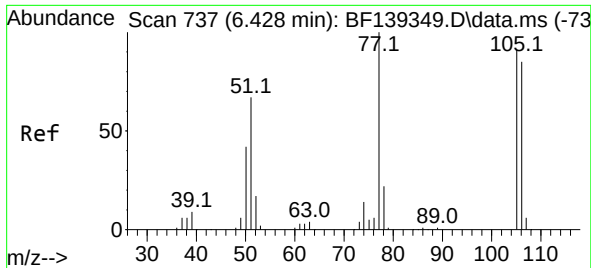
Ion Ratio Lower Upper

128 100

130 33.2 12.8 52.8

64 55.5 35.1 75.1





#9
Benzaldehyde
Concen: 12.205 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

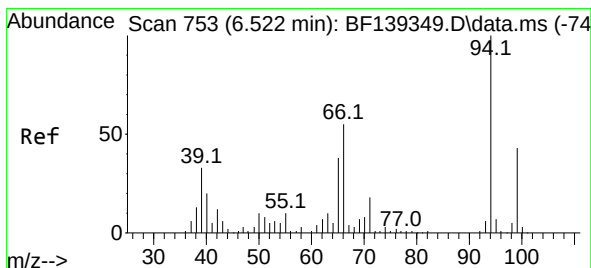
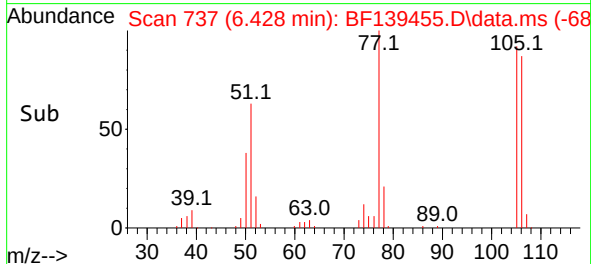
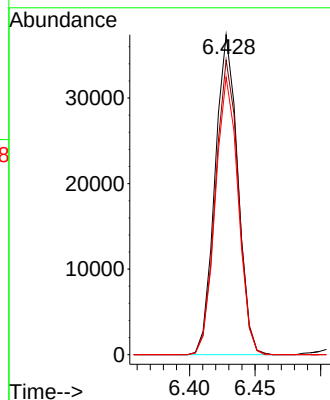
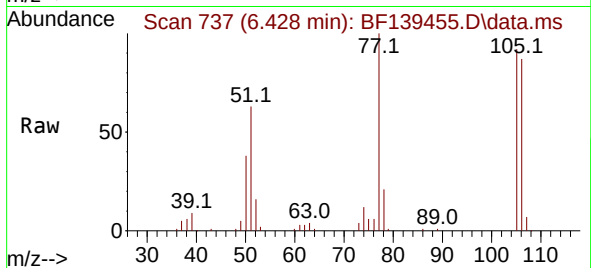
PB163454BS

Tgt Ion: 77 Resp: 44990
Ion Ratio Lower Upper
77 100
105 92.1 71.0 111.0
106 86.7 64.9 104.9

Manual Integrations

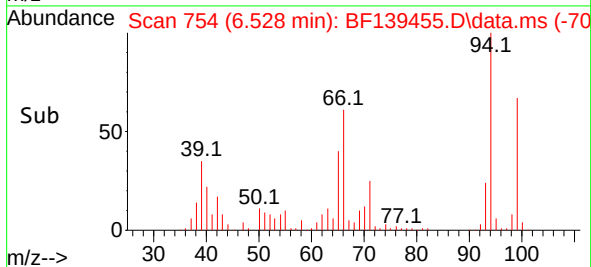
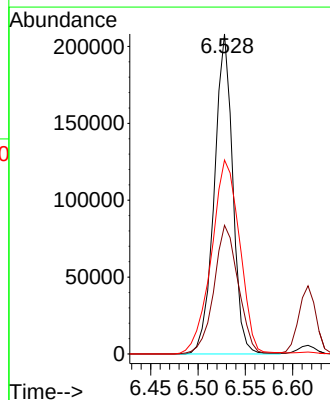
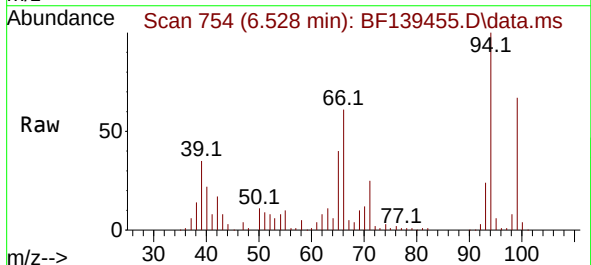
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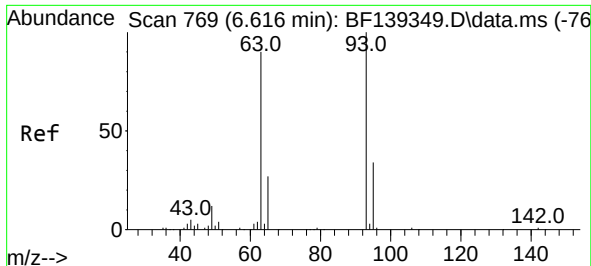
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#10
Phenol
Concen: 43.310 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion: 94 Resp: 281428
Ion Ratio Lower Upper
94 100
65 40.2 17.6 57.6
66 60.6 35.2 75.2





#11
bis(2-Chloroethyl)ether
Concen: 42.048 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

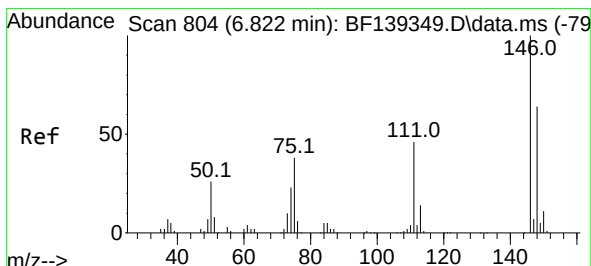
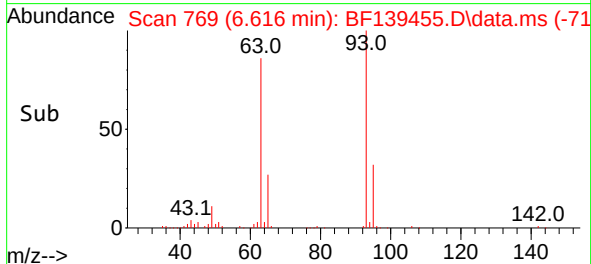
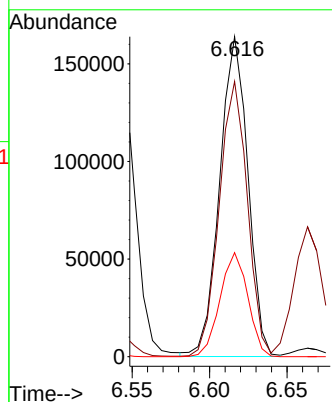
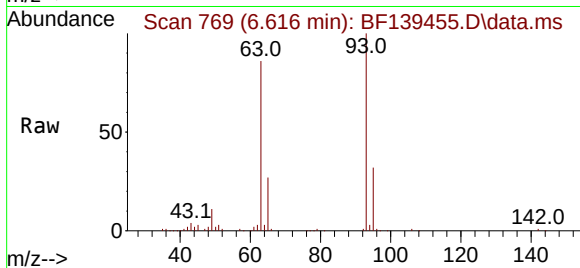
PB163454BS

Tgt Ion: 93 Resp: 207660
Ion Ratio Lower Upper
93 100
63 86.0 65.3 105.3
95 32.5 12.4 52.4

Manual Integrations

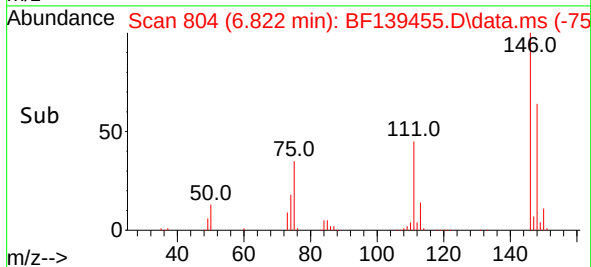
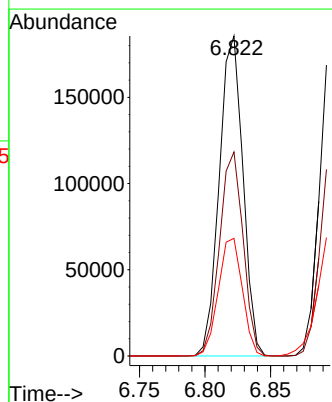
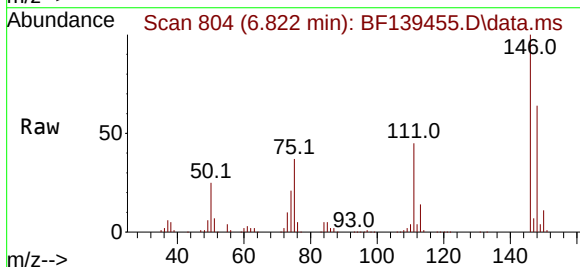
APPROVED

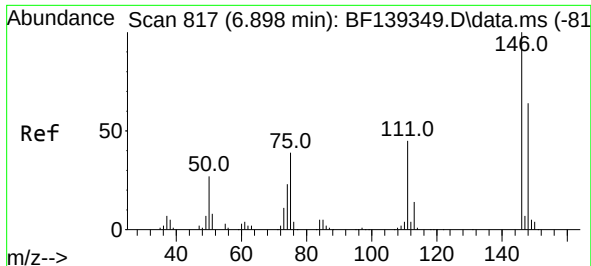
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#12
1,3-Dichlorobenzene
Concen: 40.933 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

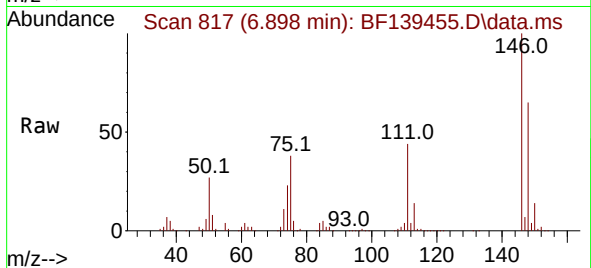
Tgt Ion:146 Resp: 232920
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 36.8 30.6 46.0





#13
1,4-Dichlorobenzene
Concen: 40.817 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

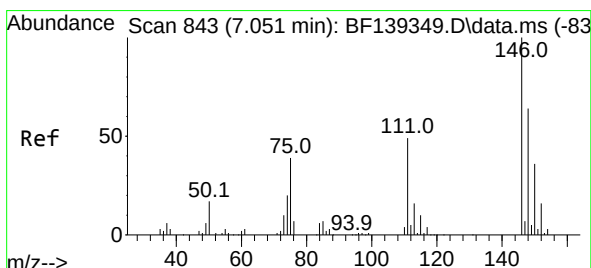
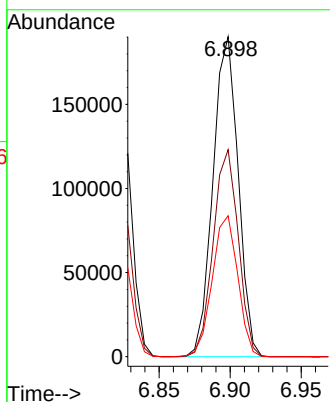
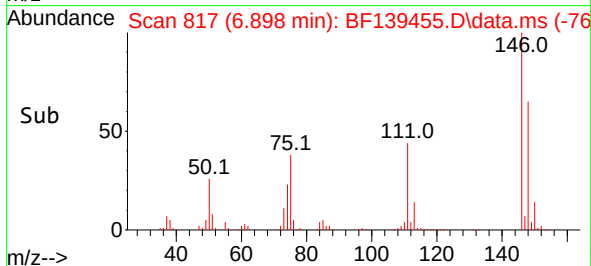
Instrument :
BNA_F
ClientSampleId :
PB163454BS



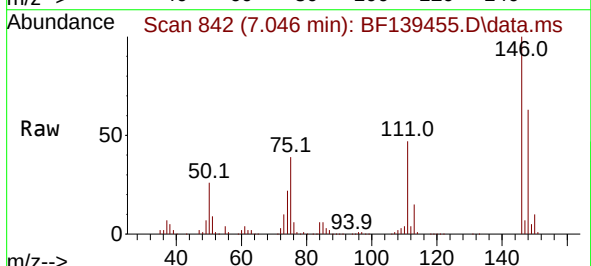
Tgt Ion:146 Resp: 234710
Ion Ratio Lower Upper
146 100
148 64.7 50.9 76.3
111 44.0 36.3 54.5

Manual Integrations
APPROVED

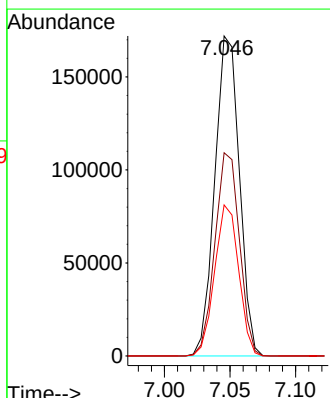
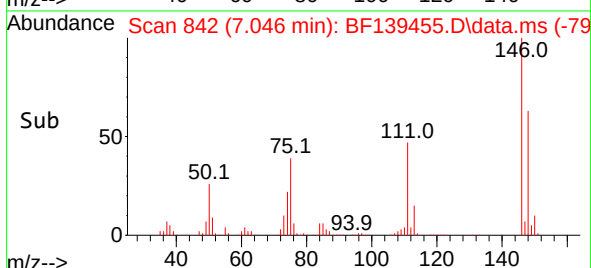
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

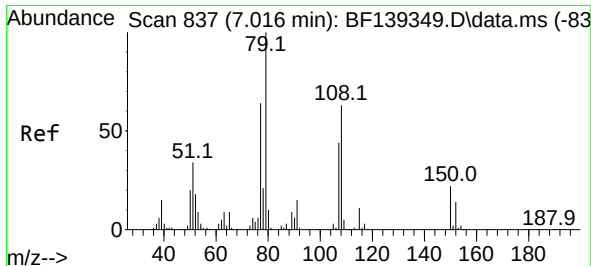


#14
1,2-Dichlorobenzene
Concen: 41.205 ng
RT: 7.046 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



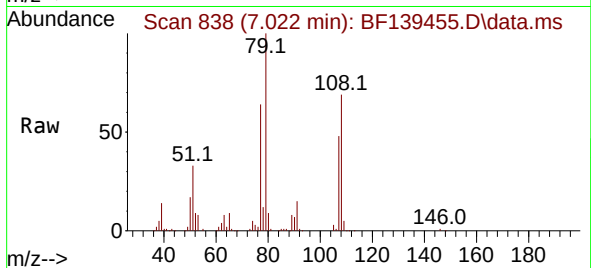
Tgt Ion:146 Resp: 223891
Ion Ratio Lower Upper
146 100
148 63.5 50.9 76.3
111 47.2 38.9 58.3





#15
Benzyl Alcohol
Concen: 42.426 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

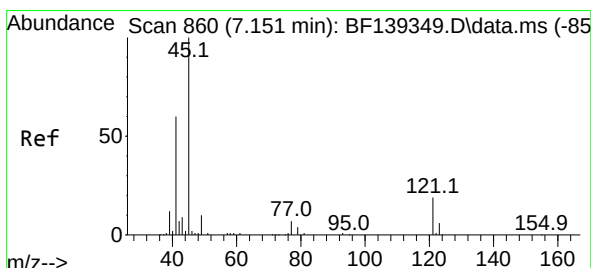
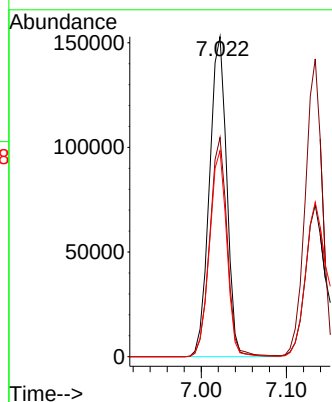
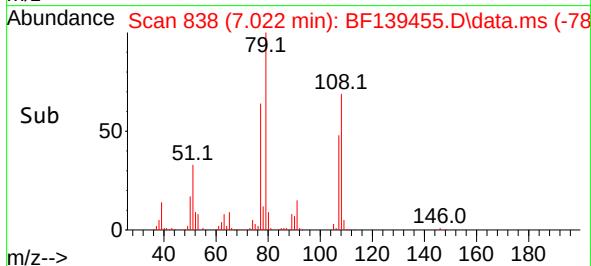
Instrument :
BNA_F
ClientSampleId :
PB163454BS



Tgt Ion: 79 Resp: 215952
Ion Ratio Lower Upper
79 100
108 68.5 50.4 75.6
77 64.4 51.4 77.2

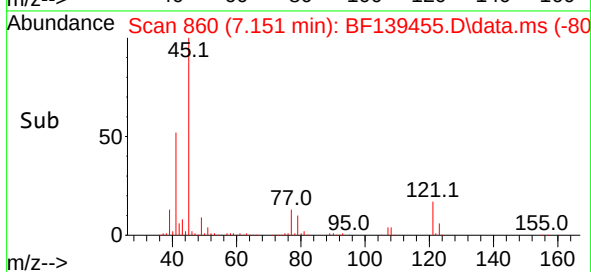
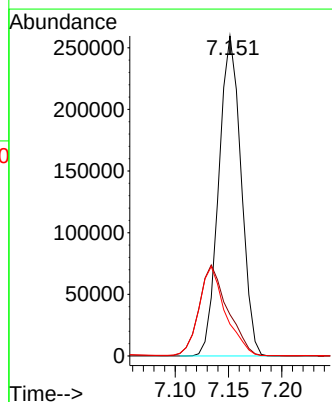
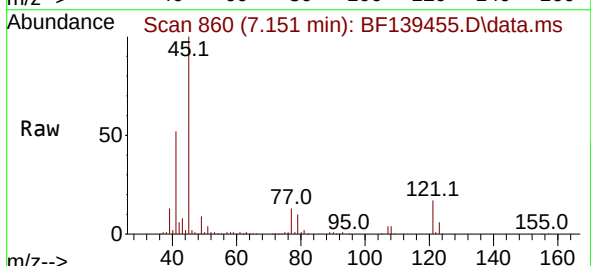
Manual Integrations
APPROVED

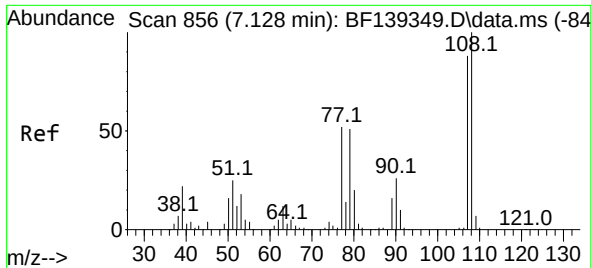
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.555 ng
RT: 7.151 min Scan# 860
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion: 45 Resp: 377179
Ion Ratio Lower Upper
45 100
77 13.0 0.0 32.0
79 9.9 0.0 29.1





#17
2-Methylphenol
Concen: 43.605 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

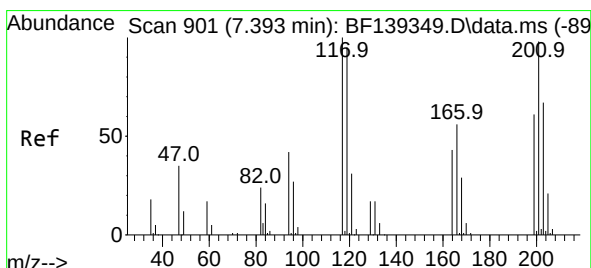
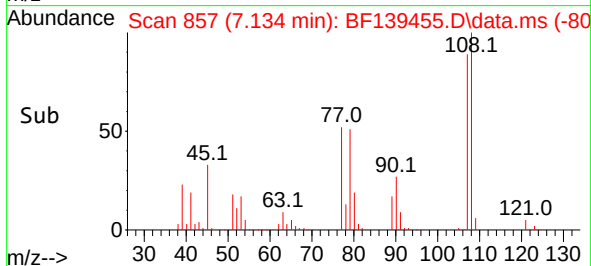
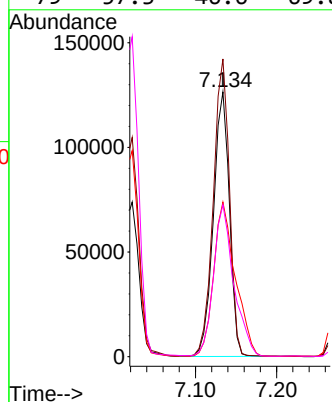
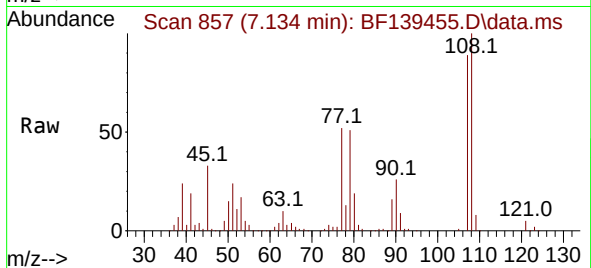
PB163454BS

Tgt Ion:107 Resp: 17334
Ion Ratio Lower Upper
107 100
108 112.4 90.5 135.7
77 58.4 47.1 70.7
79 57.3 46.6 69.8

Manual Integrations

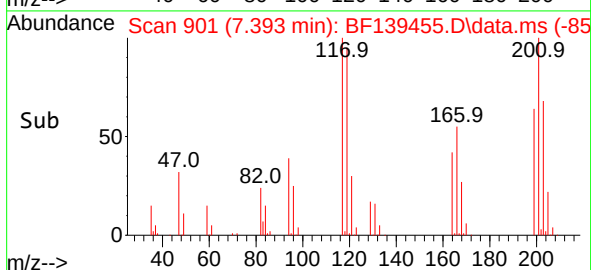
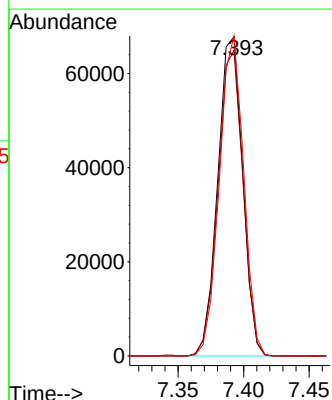
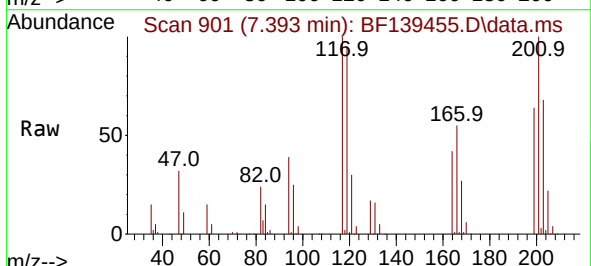
APPROVED

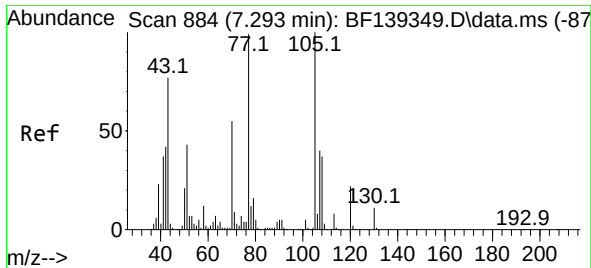
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#18
Hexachloroethane
Concen: 40.849 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:117 Resp: 89469
Ion Ratio Lower Upper
117 100
119 95.8 75.8 113.8
201 100.3 78.6 118.0





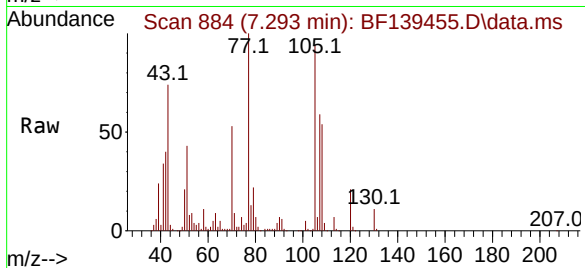
#19
n-Nitroso-di-n-propylamine
Concen: 44.553 ng
RT: 7.293 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

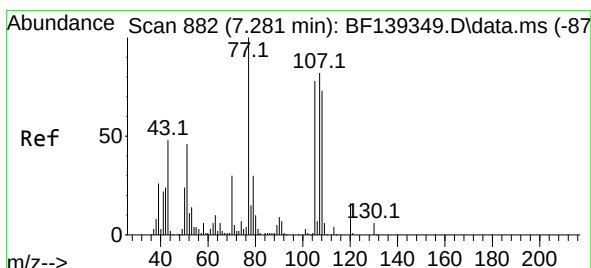
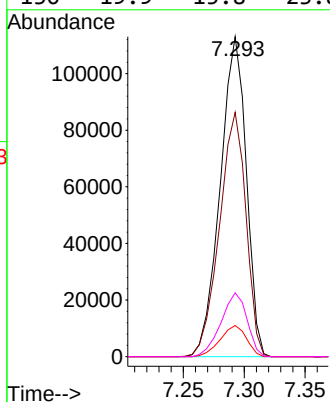
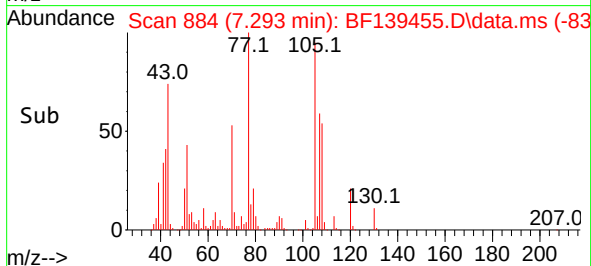
PB163454BS



Tgt Ion: 70 Resp: 16844
Ion Ratio Lower Upper
70 100
42 76.3 61.2 91.8
101 9.8 7.5 11.3
130 19.9 15.8 23.8

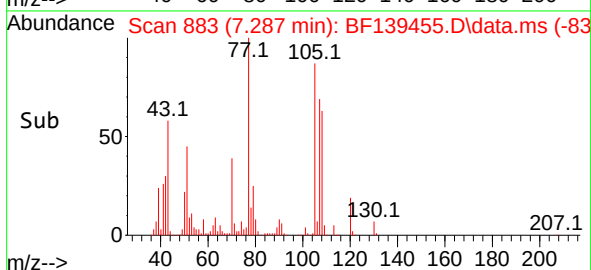
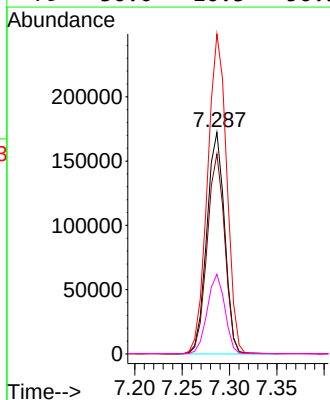
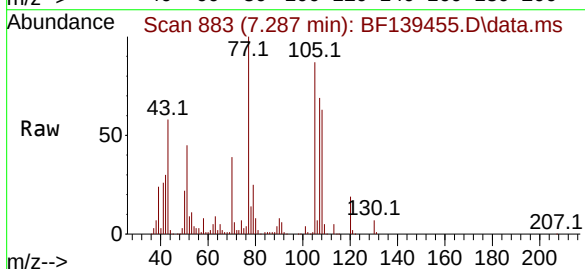
Manual Integrations
APPROVED

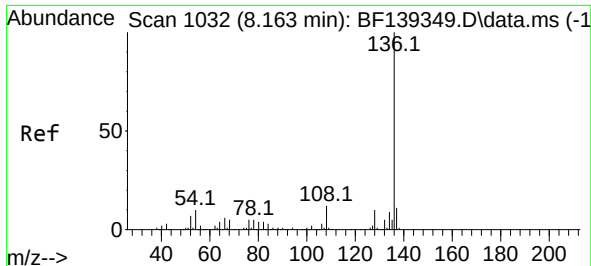
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#20
3+4-Methylphenols
Concen: 41.665 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:107 Resp: 225973
Ion Ratio Lower Upper
107 100
108 90.2 68.6 108.6
77 144.4 101.6 141.6#
79 36.0 16.3 56.3





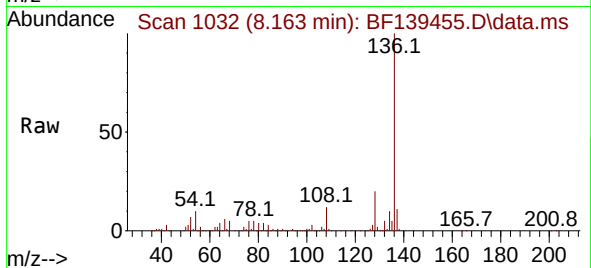
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

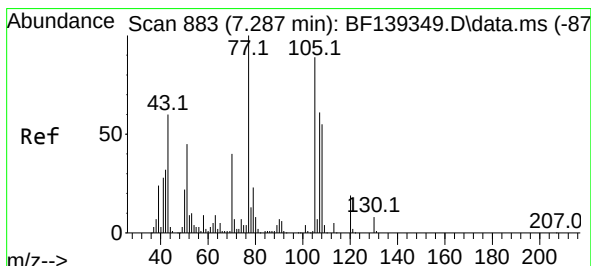
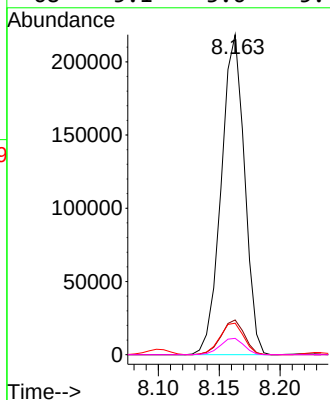
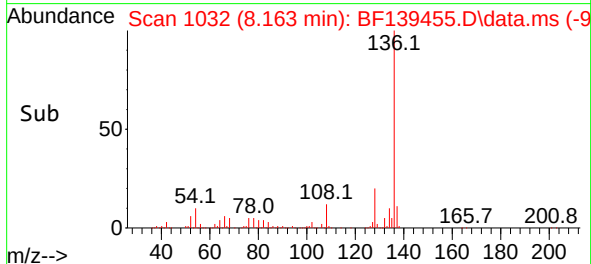


Tgt Ion:136 Resp: 290620
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 9.8 7.8 11.8
68 5.1 3.6 5.4

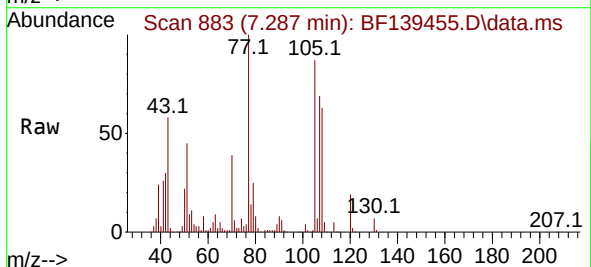
Manual Integrations

APPROVED

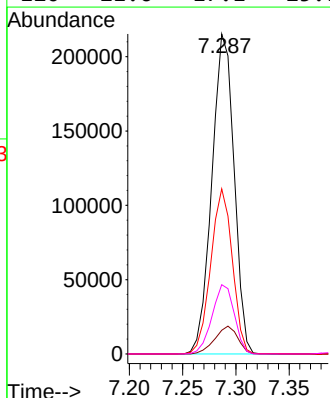
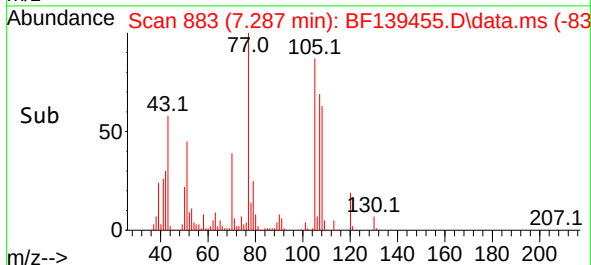
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

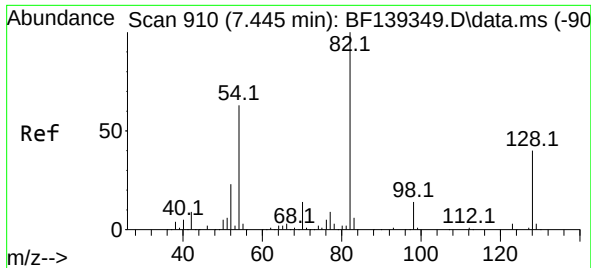


#22
Acetophenone
Concen: 41.155 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion:105 Resp: 312687
Ion Ratio Lower Upper
105 100
71 7.4 5.9 8.9
51 51.6 40.0 60.0
120 21.6 17.1 25.7





#23

Nitrobenzene-d5

Concen: 81.934 ng

RT: 7.446 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion: 82 Resp: 506519

Ion Ratio Lower Upper

82 100

128 40.4 31.8 47.6

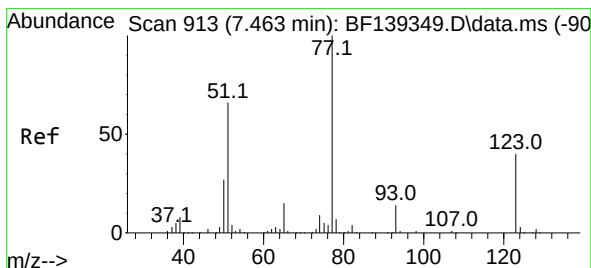
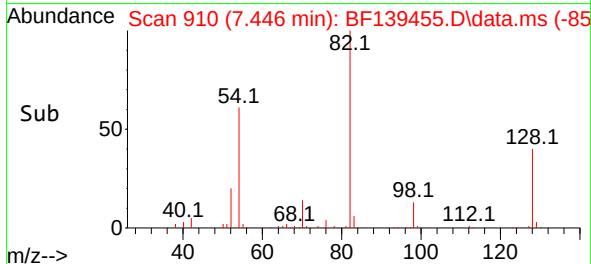
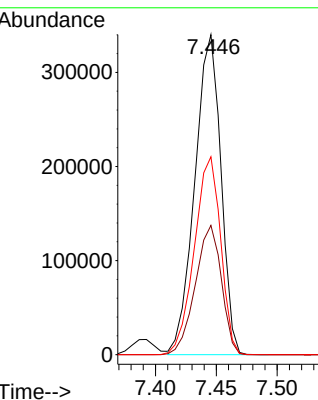
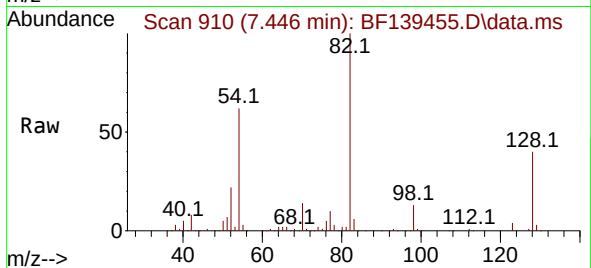
54 61.9 50.6 75.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#24

Nitrobenzene

Concen: 40.112 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

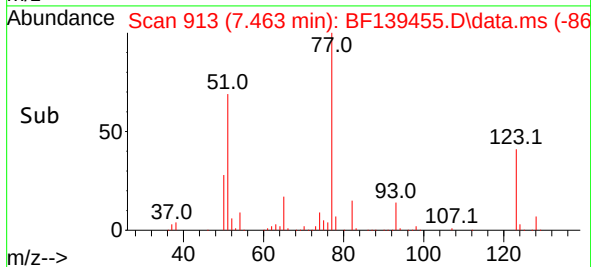
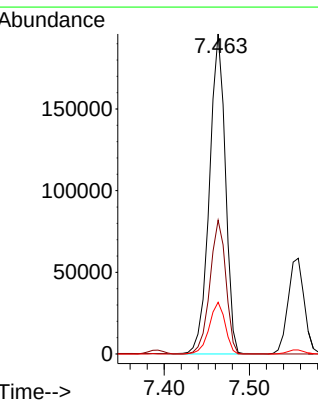
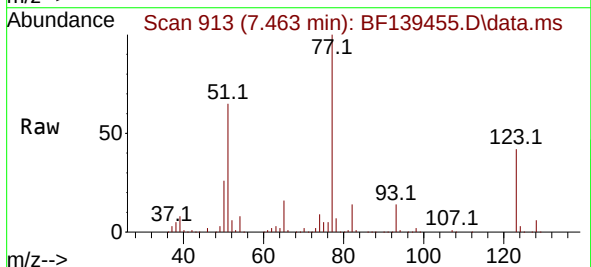
Tgt Ion: 77 Resp: 255216

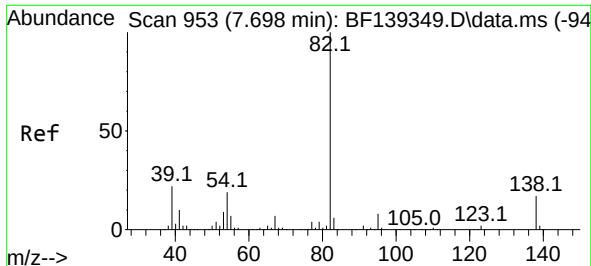
Ion Ratio Lower Upper

77 100

123 41.8 32.2 48.4

65 16.2 12.2 18.4





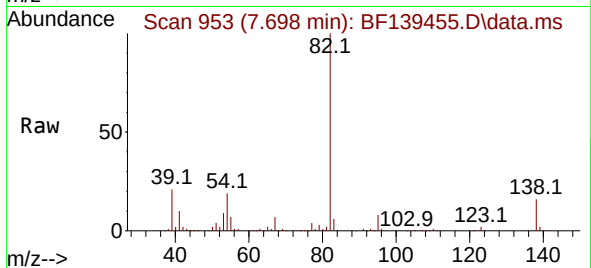
#25
Isophorone
Concen: 45.632 ng
RT: 7.698 min Scan# 911
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

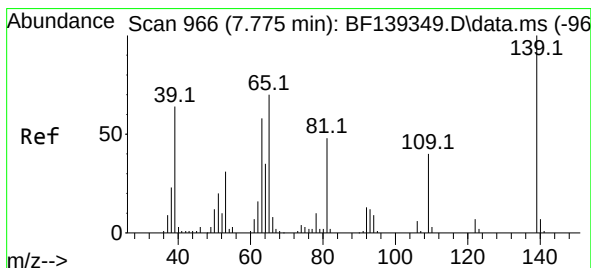
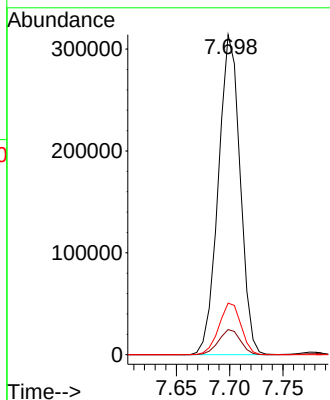
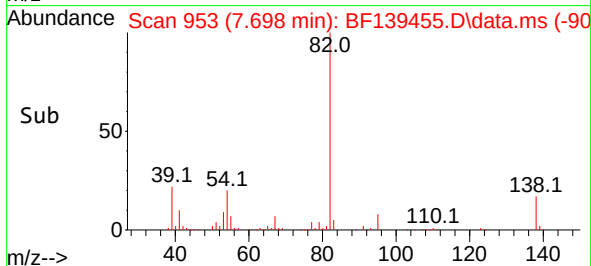


Tgt Ion: 82 Resp: 446140
Ion Ratio Lower Upper
82 100
95 7.8 6.7 10.1
138 16.1 13.3 19.9

Manual Integrations

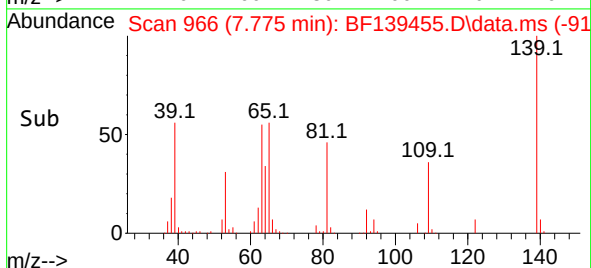
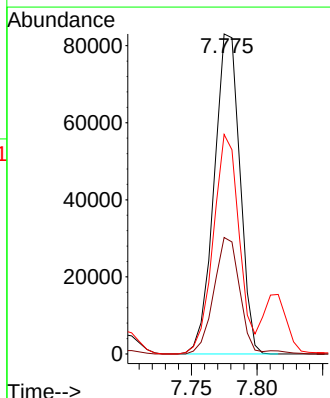
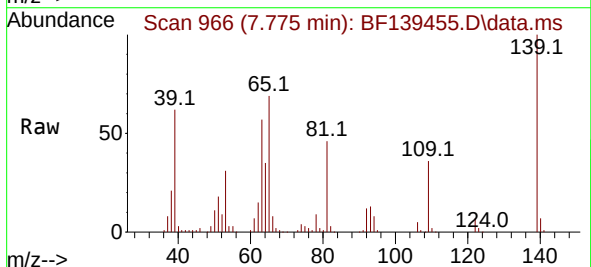
APPROVED

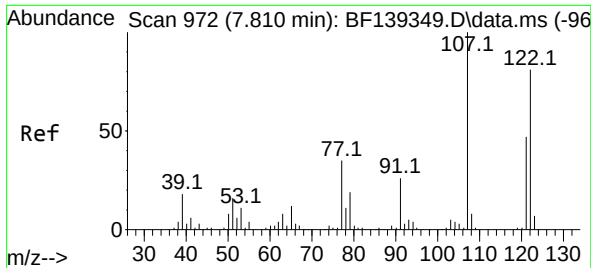
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#26
2-Nitrophenol
Concen: 45.759 ng
RT: 7.775 min Scan# 966
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:139 Resp: 113430
Ion Ratio Lower Upper
139 100
109 36.4 32.2 48.2
65 68.6 55.8 83.8





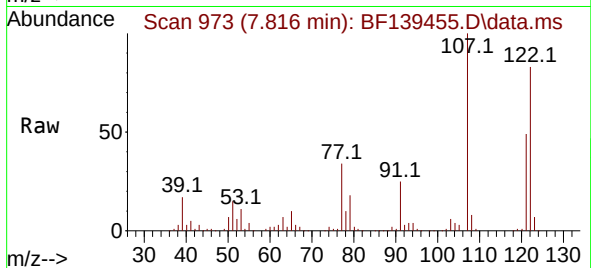
#27
2,4-Dimethylphenol
Concen: 54.697 ng
RT: 7.816 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



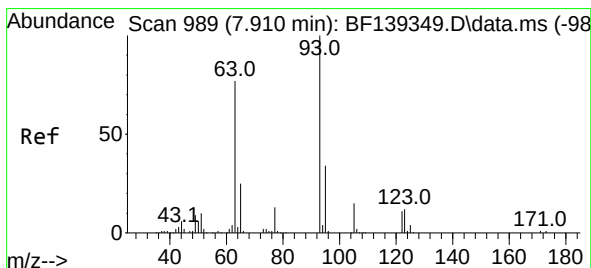
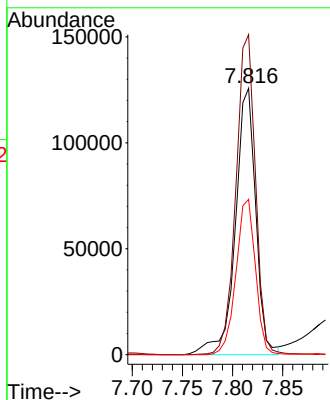
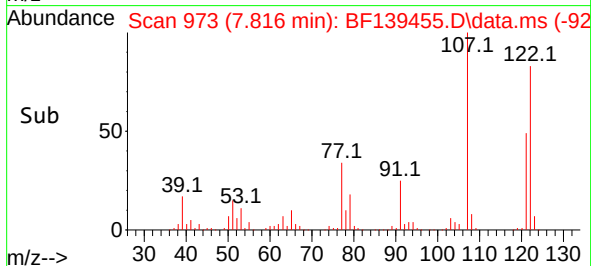
Tgt Ion:122 Resp: 178849
Ion Ratio Lower Upper
122 100
107 120.1 99.1 148.7
121 58.3 46.6 70.0

Manual Integrations

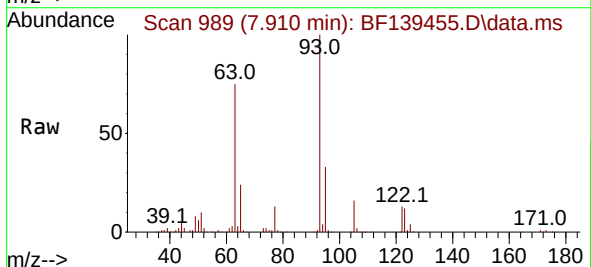
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

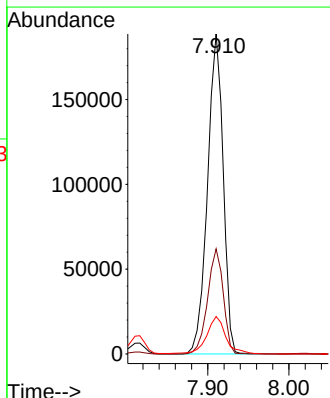
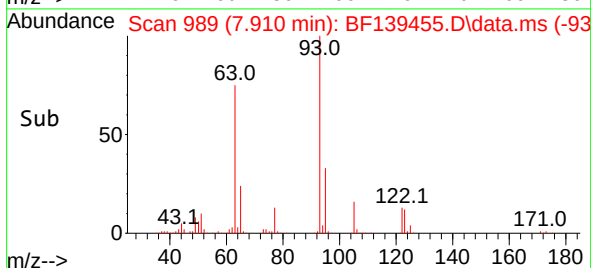
Supervised By :mohammad ahmed 09/22/2024

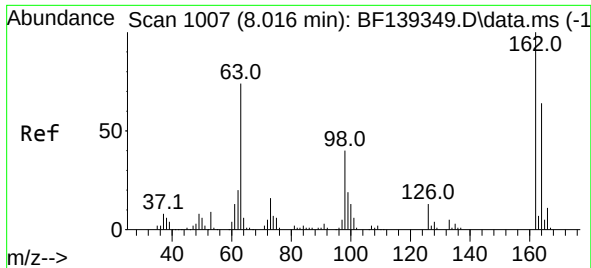


#28
bis(2-Chloroethoxy)methane
Concen: 45.306 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion: 93 Resp: 252450
Ion Ratio Lower Upper
93 100
95 32.8 26.9 40.3
123 11.7 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 43.297 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

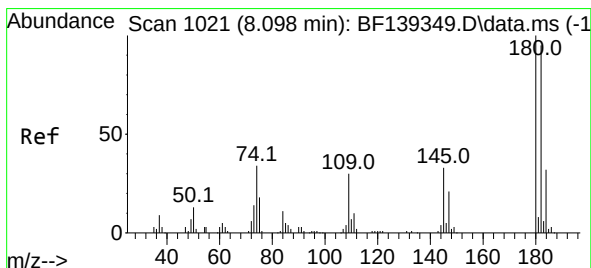
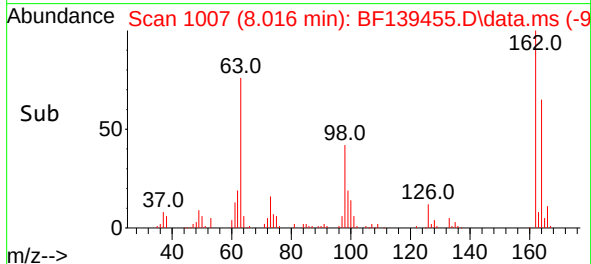
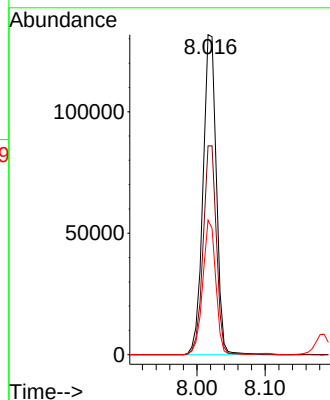
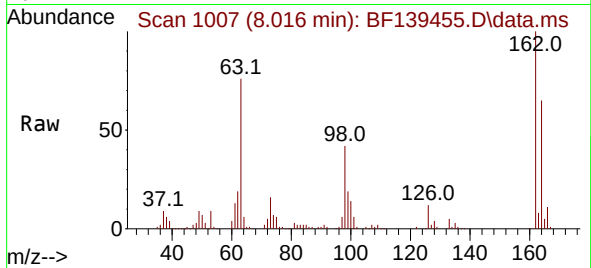
Tgt Ion:	162	Resp:	17985
Ion Ratio	Lower	Upper	
162	100		
164	65.2	43.6	83.6
98	42.0	19.7	59.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#30

1,2,4-Trichlorobenzene

Concen: 40.846 ng

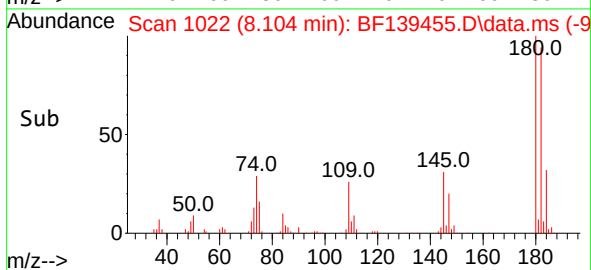
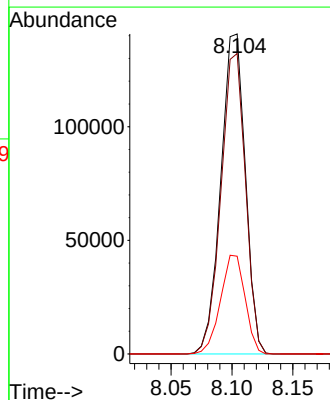
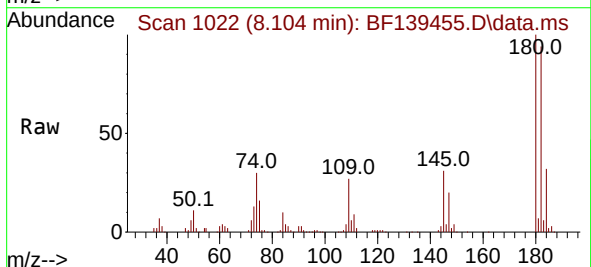
RT: 8.104 min Scan# 1022

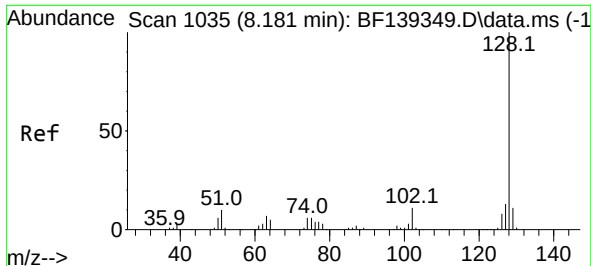
Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Tgt Ion:	180	Resp:	197697
Ion Ratio	Lower	Upper	
180	100		
182	93.9	75.7	113.5
145	30.6	26.5	39.7





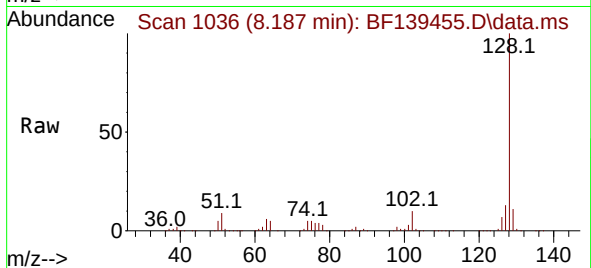
#31
Naphthalene
Concen: 42.940 ng
RT: 8.187 min Scan# 1035
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

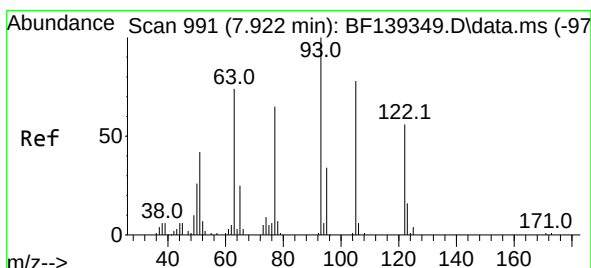
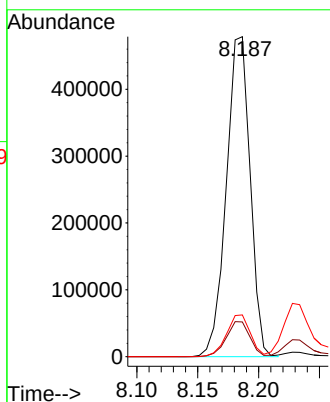
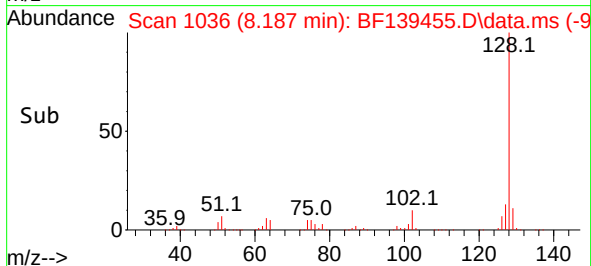


Tgt Ion:128 Resp: 65150
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.1 10.6 16.0

Manual Integrations

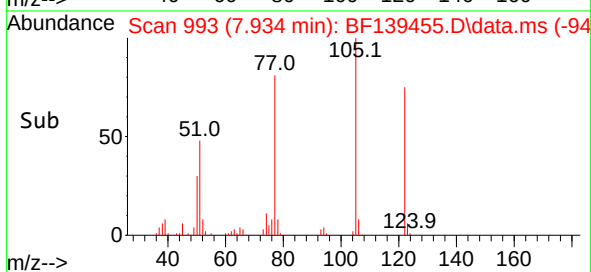
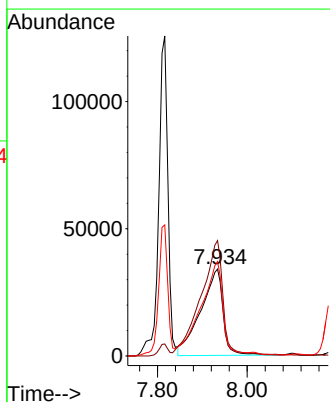
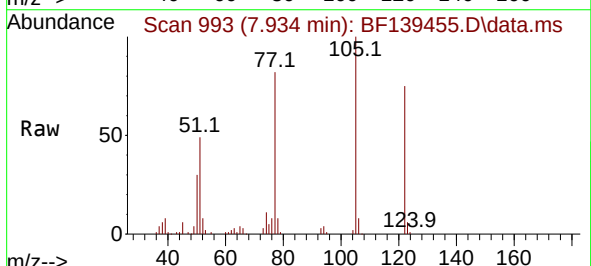
APPROVED

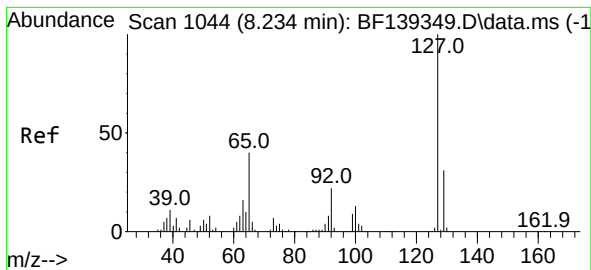
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#32
Benzoic acid
Concen: 38.272 ng
RT: 7.934 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:122 Resp: 117111
Ion Ratio Lower Upper
122 100
105 133.0 117.1 157.1
77 108.8 95.4 135.4





#33

4-Chloroaniline

Concen: 29.577 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

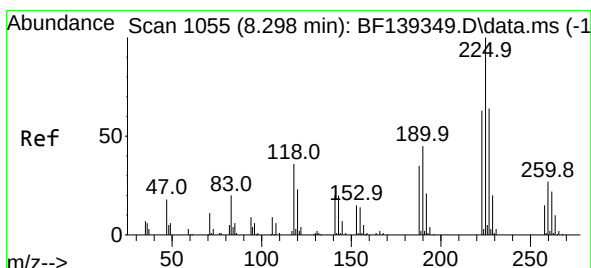
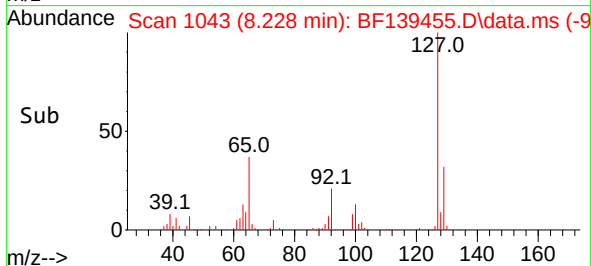
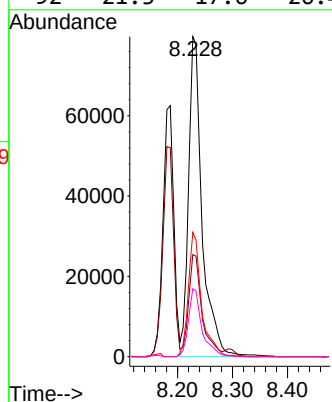
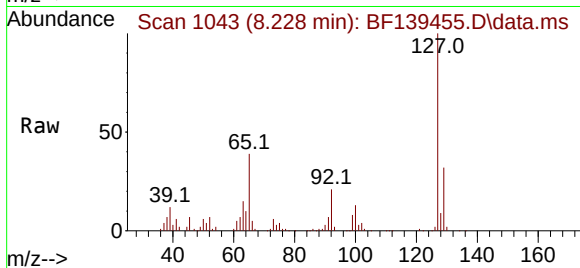
Tgt Ion:	127	Resp:	13728
Ion Ratio	Lower	Upper	
127	100		
129	31.9	25.5	38.3
65	38.8	31.5	47.3
92	21.3	17.6	26.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#34

Hexachlorobutadiene

Concen: 40.264 ng

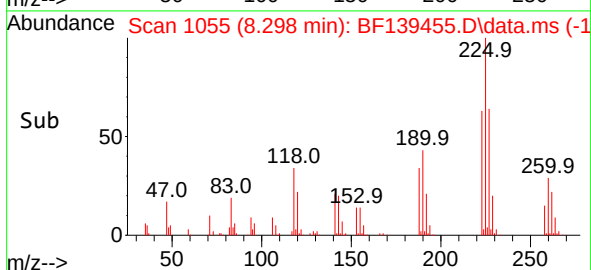
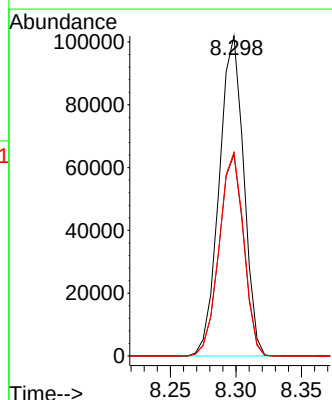
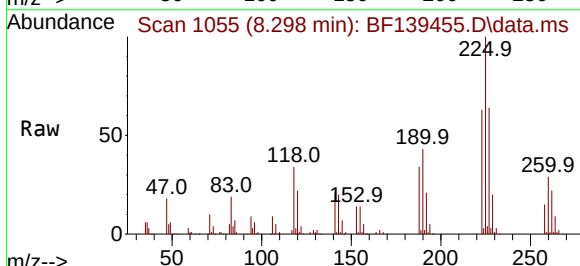
RT: 8.298 min Scan# 1055

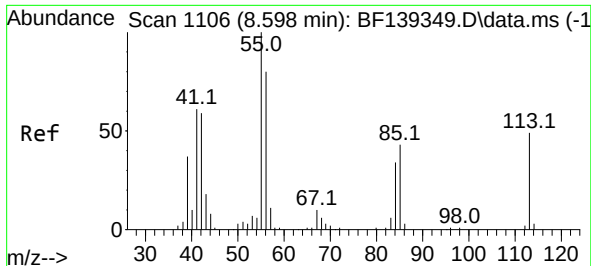
Delta R.T. 0.000 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

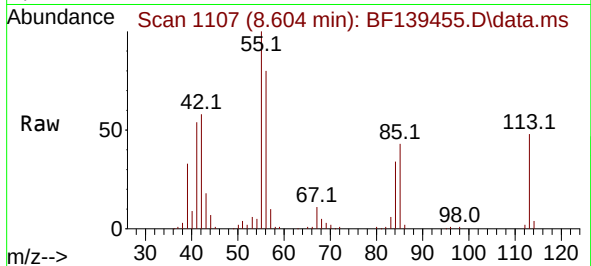
Tgt Ion:	225	Resp:	132398
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.1	75.1
227	63.7	51.0	76.6





#35
Caprolactam
Concen: 43.883 ng m
RT: 8.604 min Scan# 1106
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

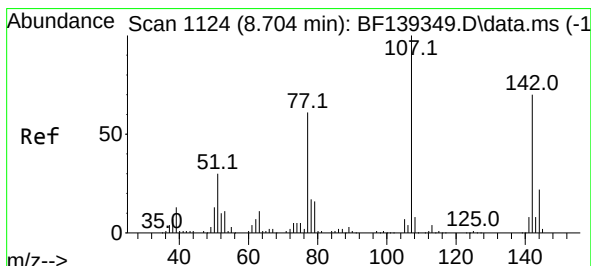
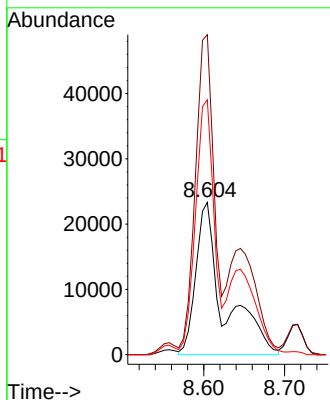
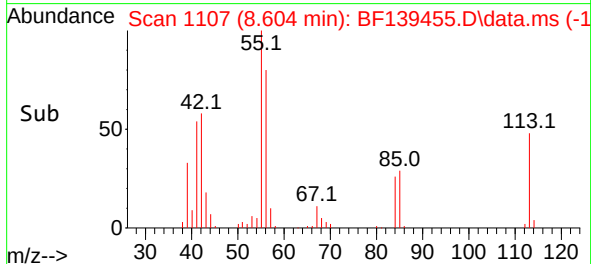
Instrument :
BNA_F
ClientSampleId :
PB163454BS



Tgt Ion:113 Resp: 5607
Ion Ratio Lower Upper
113 100
55 210.0 186.1 226.1
56 167.3 144.9 184.9

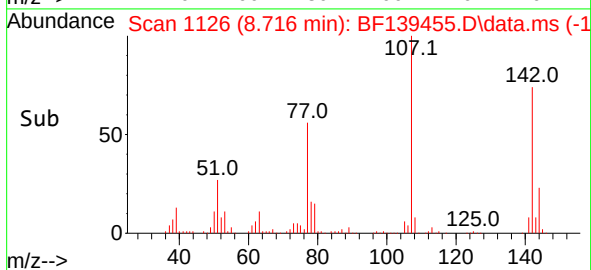
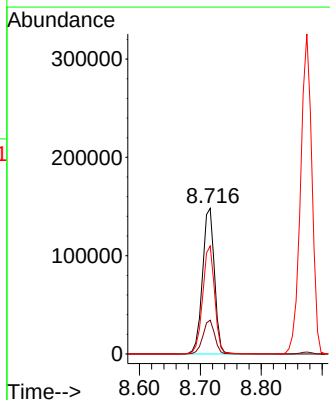
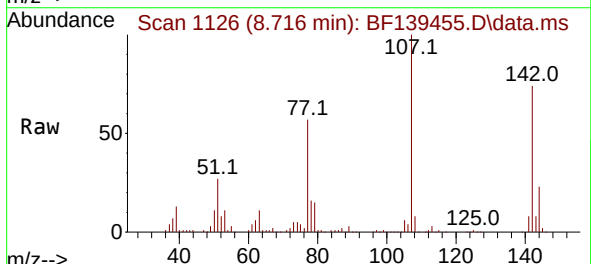
Manual Integrations
APPROVED

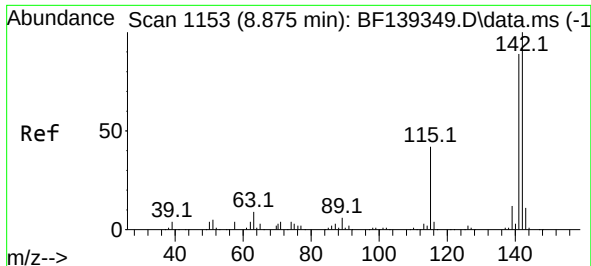
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#36
4-Chloro-3-methylphenol
Concen: 42.908 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

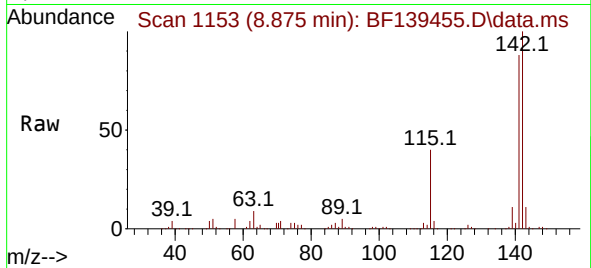
Tgt Ion:107 Resp: 203701
Ion Ratio Lower Upper
107 100
144 23.2 17.5 26.3
142 74.1 55.8 83.8





#37
2-Methylnaphthalene
Concen: 43.573 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

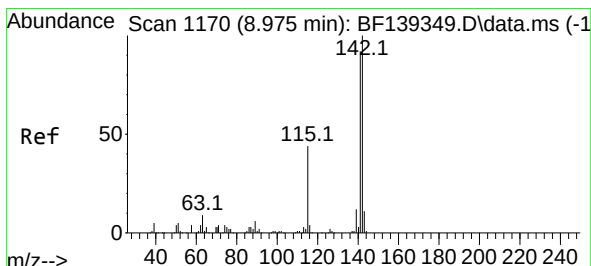
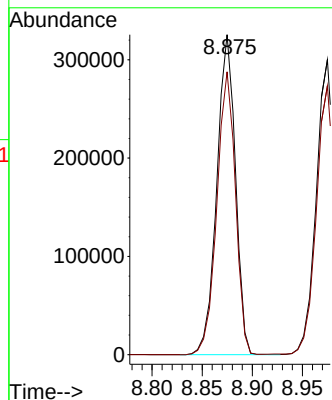
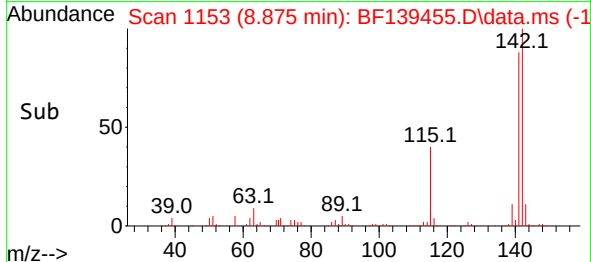
Instrument :
BNA_F
ClientSampleId :
PB163454BS



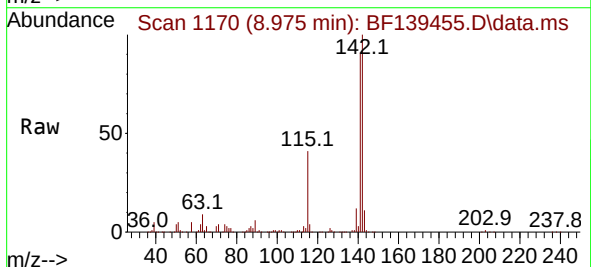
Tgt Ion:142 Resp: 419623
Ion Ratio Lower Upper
142 100
141 88.4 71.6 107.4

Manual Integrations
APPROVED

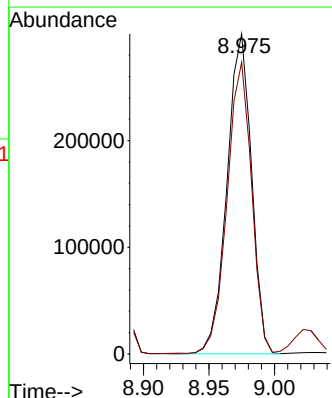
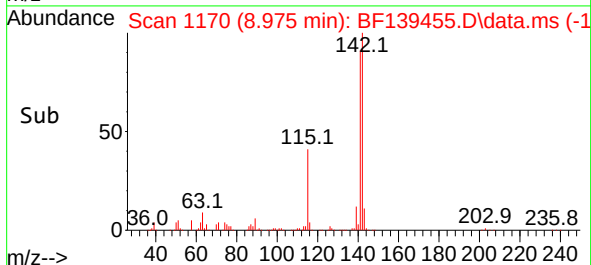
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

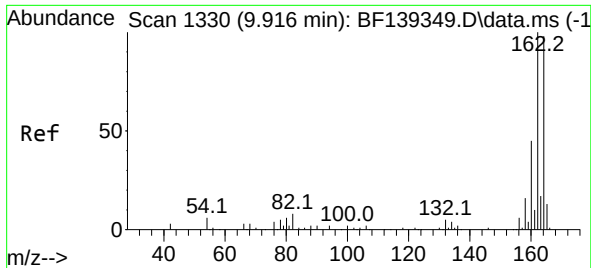


#38
1-Methylnaphthalene
Concen: 41.174 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion:142 Resp: 389291
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8





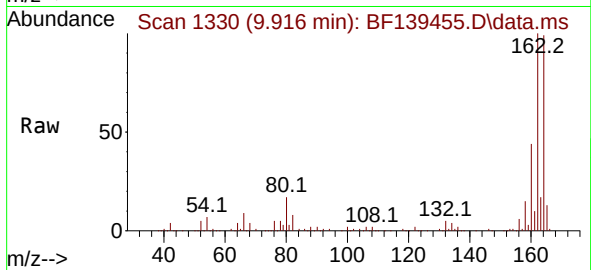
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



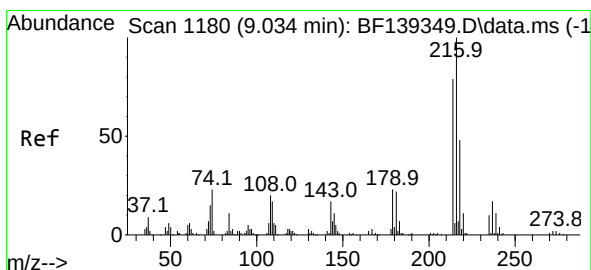
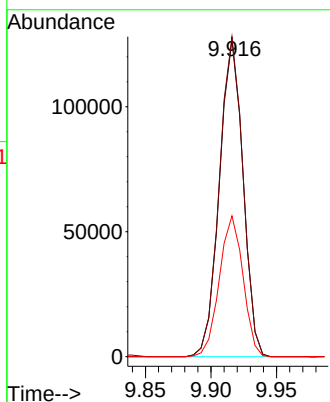
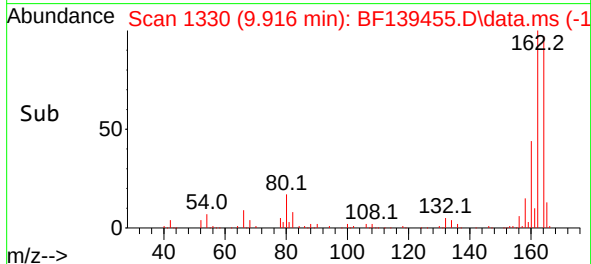
Tgt Ion:164 Resp: 158119
Ion Ratio Lower Upper
164 100
162 101.1 81.3 121.9
160 44.5 36.4 54.6

Manual Integrations

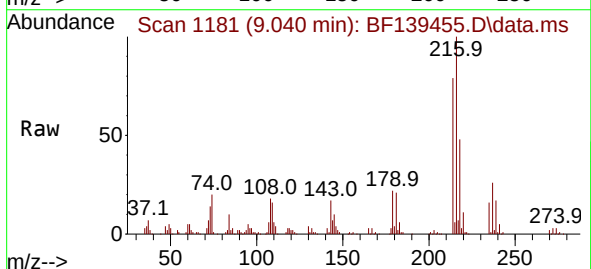
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

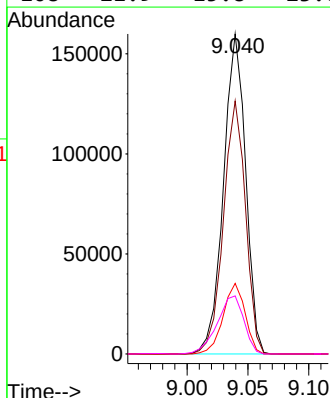
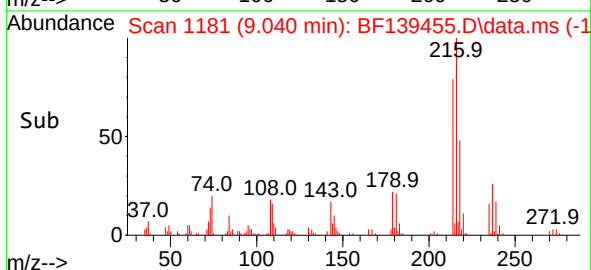
Supervised By :mohammad ahmed 09/22/2024

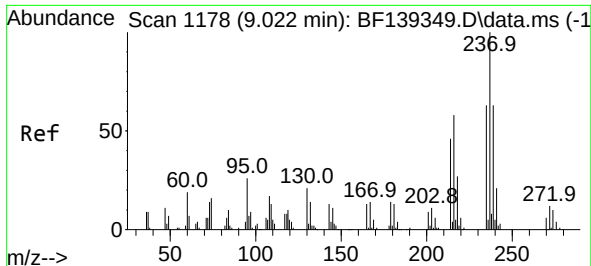


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.166 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



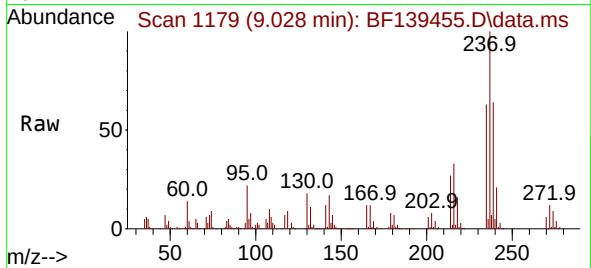
Tgt Ion:216 Resp: 202281
Ion Ratio Lower Upper
216 100
214 78.6 63.4 95.0
179 22.0 18.2 27.2
108 21.9 15.8 23.6





#41
Hexachlorocyclopentadiene
Concen: 155.204 ng
RT: 9.028 min Scan# 1178
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

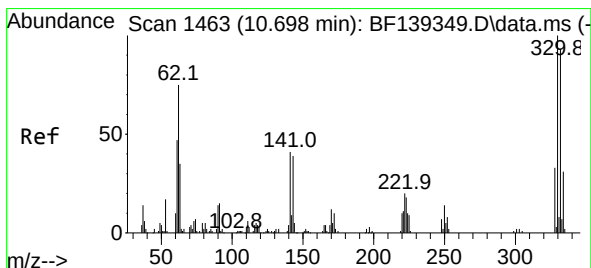
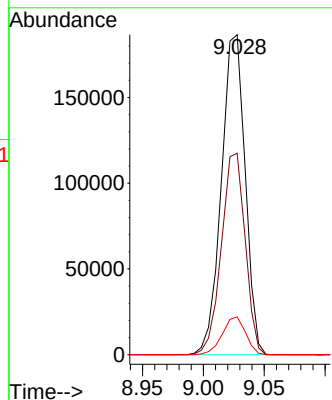
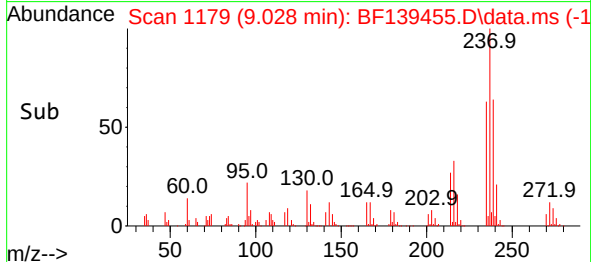
Instrument :
BNA_F
ClientSampleId :
PB163454BS



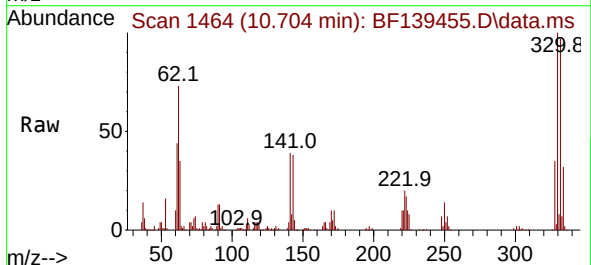
Tgt Ion: 237 Resp: 253940
Ion Ratio Lower Upper
237 100
235 63.0 42.7 82.7
272 11.8 0.0 32.5

Manual Integrations
APPROVED

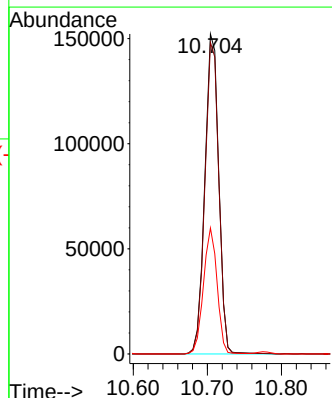
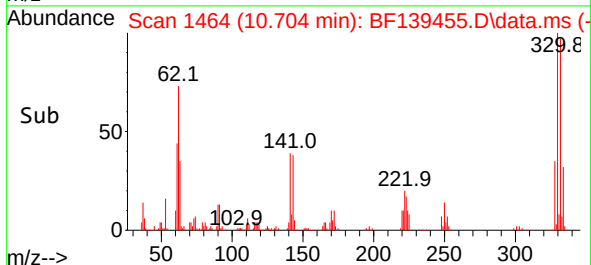
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

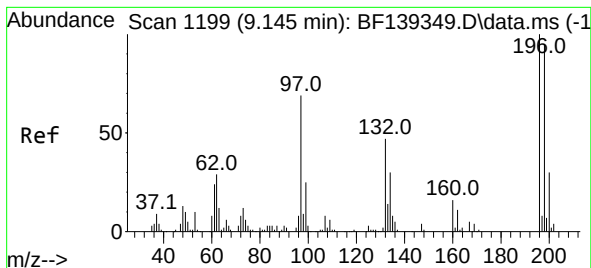


#42
2,4,6-Tribromophenol
Concen: 118.239 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion: 330 Resp: 199040
Ion Ratio Lower Upper
330 100
332 97.3 75.2 112.8
141 38.5 31.2 46.8





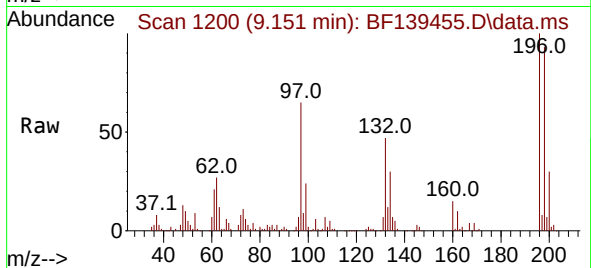
#43
2,4,6-Trichlorophenol
Concen: 46.385 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

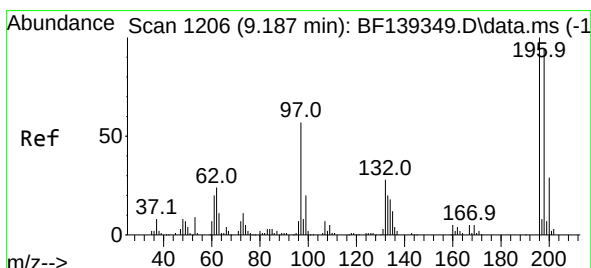
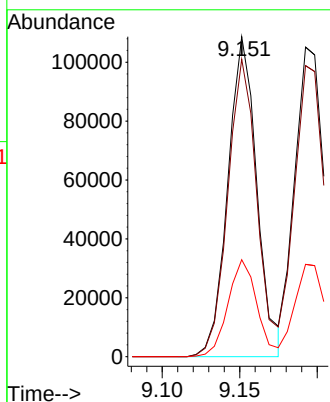
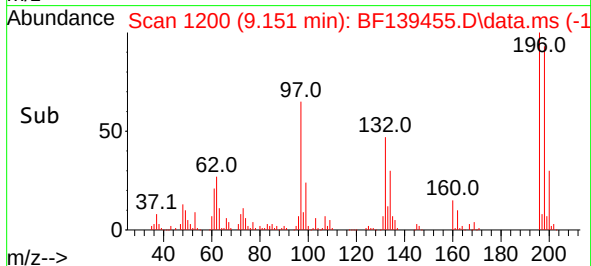


Tgt Ion:196 Resp: 141419
Ion Ratio Lower Upper
196 100
198 93.0 75.8 113.6
200 30.3 24.1 36.1

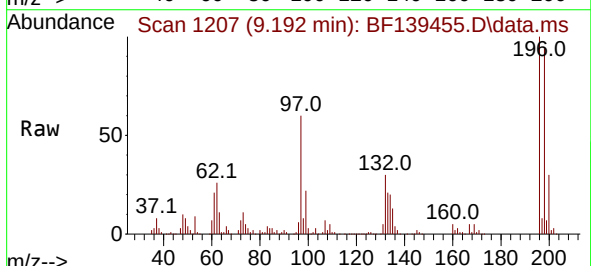
Manual Integrations

APPROVED

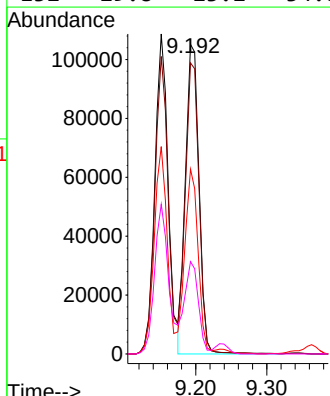
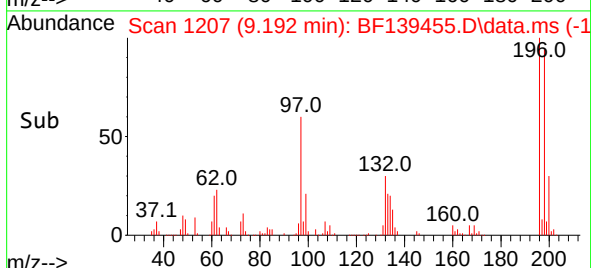
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

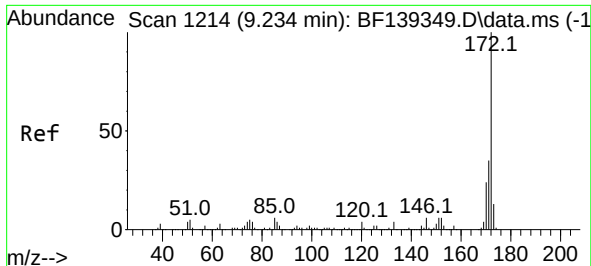


#44
2,4,5-Trichlorophenol
Concen: 43.718 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



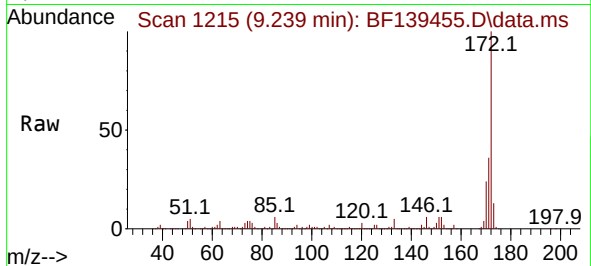
Tgt Ion:196 Resp: 140596
Ion Ratio Lower Upper
196 100
198 94.0 74.8 112.2
97 59.7 47.3 70.9
132 29.8 23.2 34.8





#45
2-Fluorobiphenyl
Concen: 82.258 ng
RT: 9.239 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

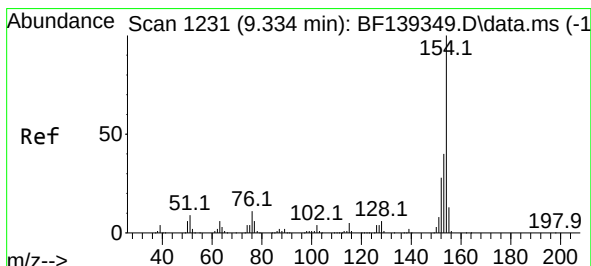
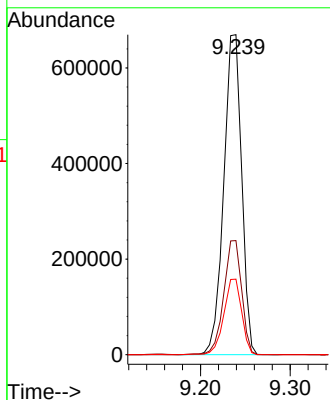
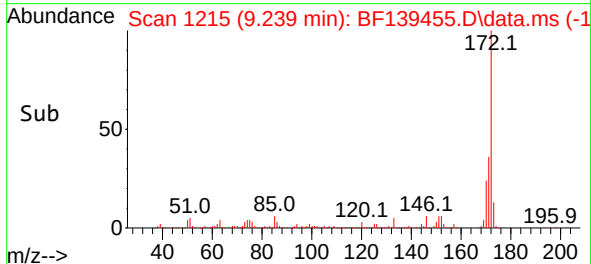
Instrument :
BNA_F
ClientSampleId :
PB163454BS



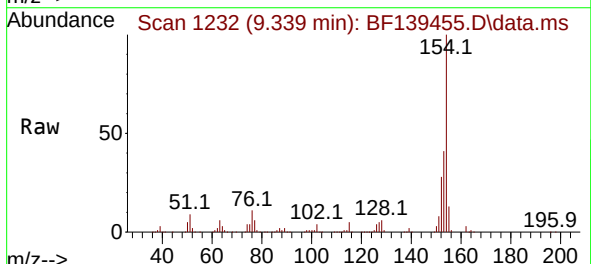
Tgt Ion:172 Resp: 92736
Ion Ratio Lower Upper
172 100
171 35.6 28.3 42.5
170 23.6 19.0 28.6

Manual Integrations
APPROVED

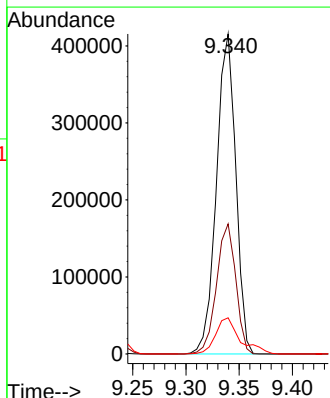
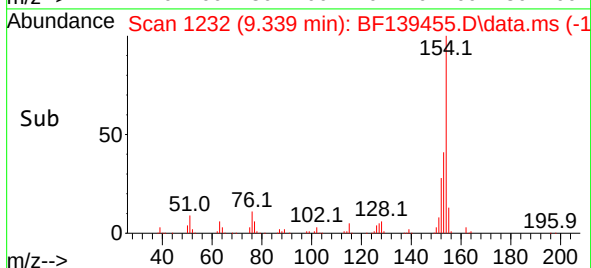
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

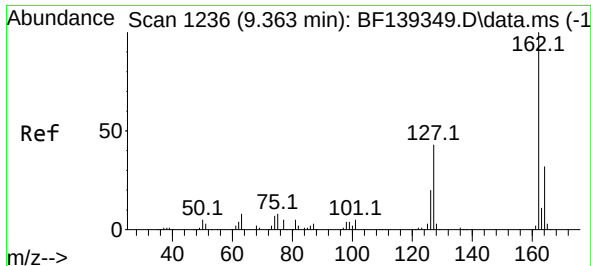


#46
1,1'-Biphenyl
Concen: 42.953 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion:154 Resp: 522506
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 11.3 0.0 31.1





#47

2-Chloronaphthalene

Concen: 42.564 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF139455.D

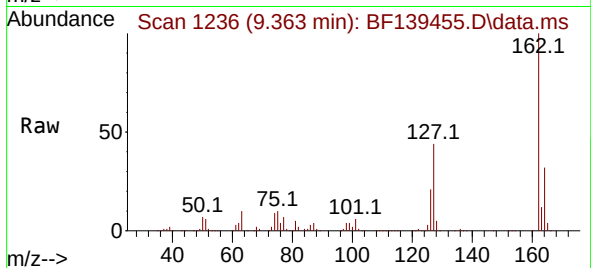
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



Tgt Ion:162 Resp: 387139

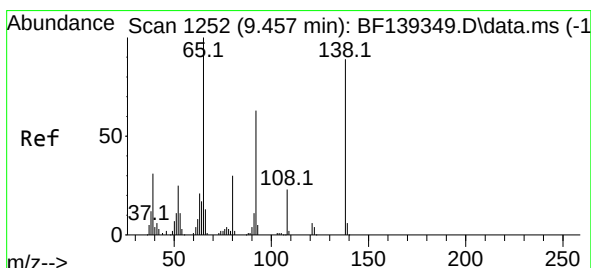
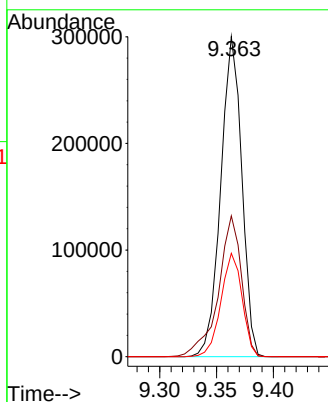
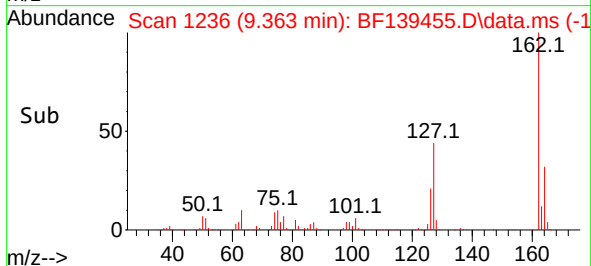
Ion	Ratio	Lower	Upper
162	100		
127	44.0	35.0	52.4
164	32.3	25.8	38.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#48

2-Nitroaniline

Concen: 44.147 ng

RT: 9.457 min Scan# 1252

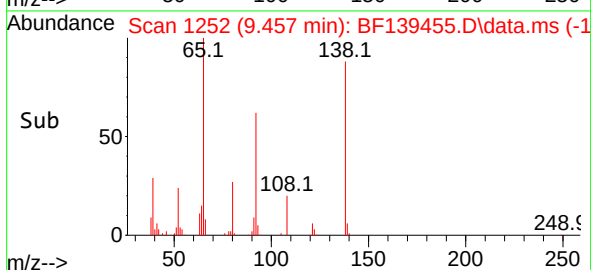
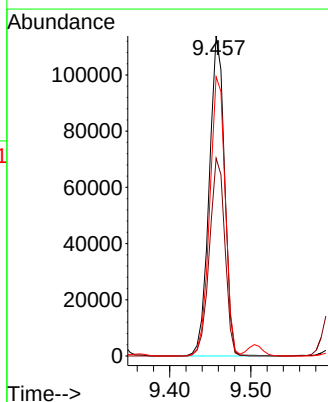
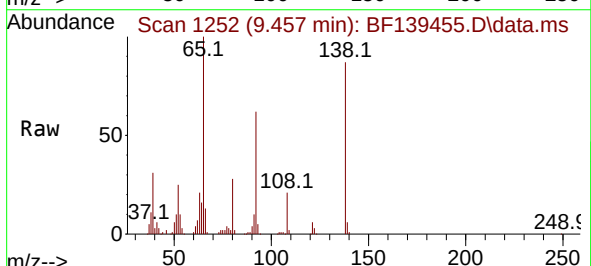
Delta R.T. 0.000 min

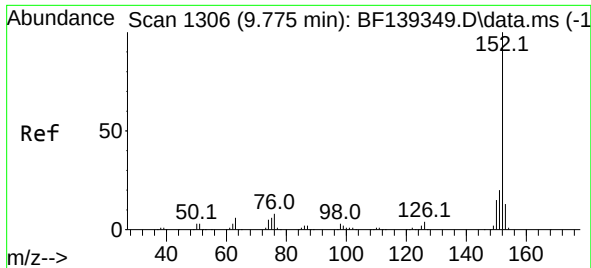
Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Tgt Ion: 65 Resp: 149350

Ion	Ratio	Lower	Upper
65	100		
92	61.8	50.3	75.5
138	87.2	71.3	106.9





#49
Acenaphthylene
Concen: 46.910 ng
RT: 9.781 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

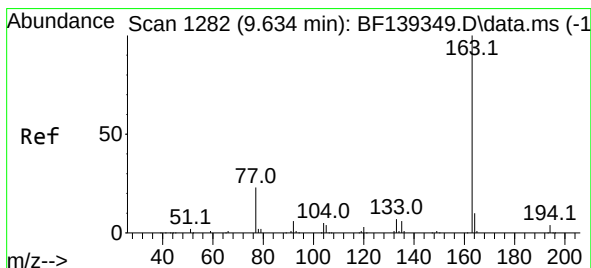
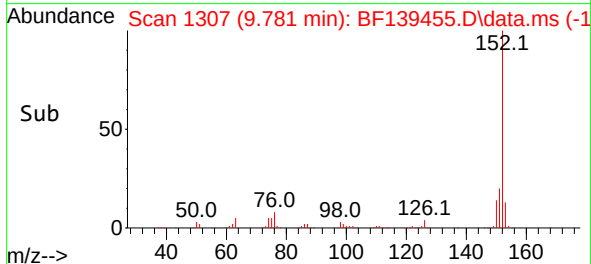
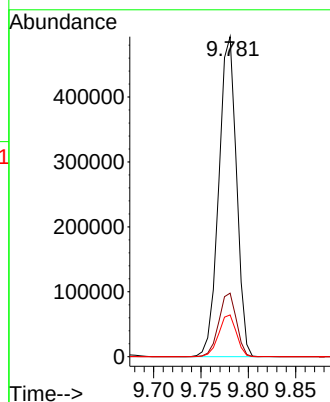
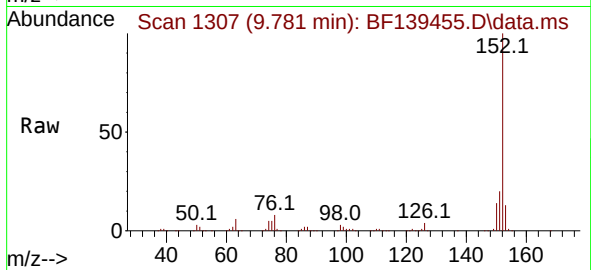
PB163454BS

Tgt Ion:152 Resp: 642250
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.2
153 13.0 10.3 15.5

Manual Integrations

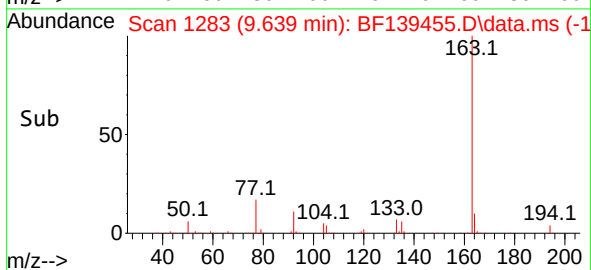
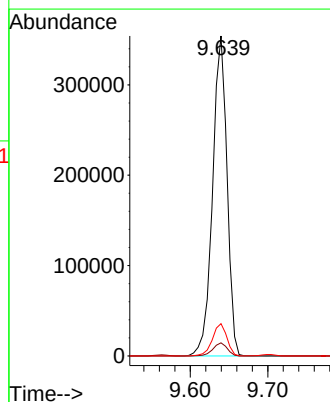
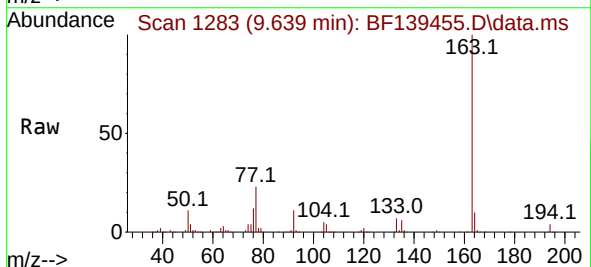
APPROVED

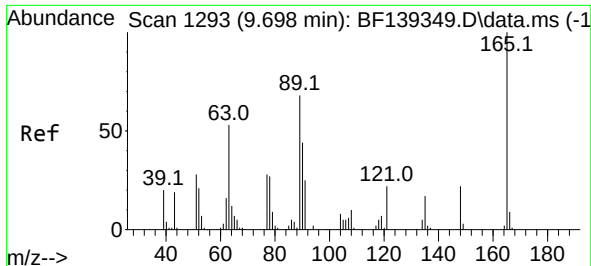
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#50
Dimethylphthalate
Concen: 44.323 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:163 Resp: 459991
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.1 8.2 12.2





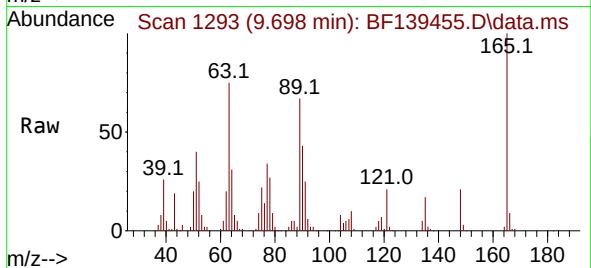
#51
2,6-Dinitrotoluene
Concen: 44.159 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



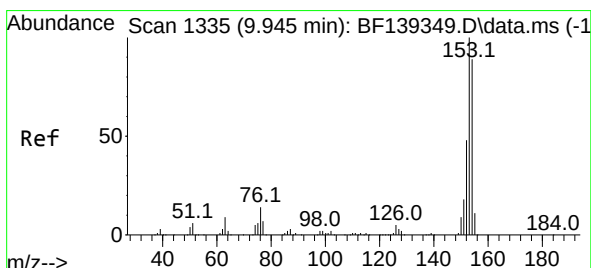
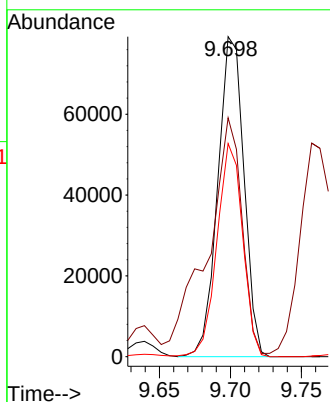
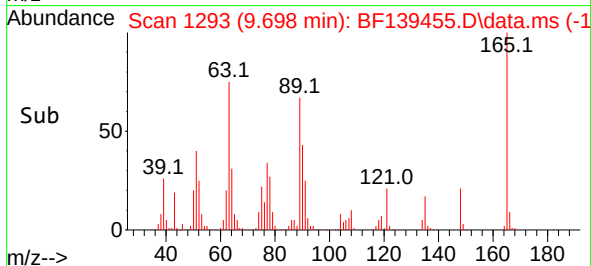
Tgt Ion:165 Resp: 101524
Ion Ratio Lower Upper
165 100
63 74.6 60.9 91.3
89 66.6 54.7 82.1

Manual Integrations

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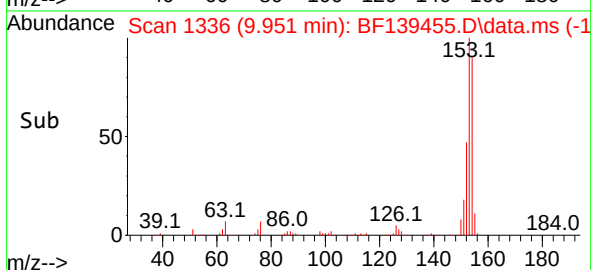
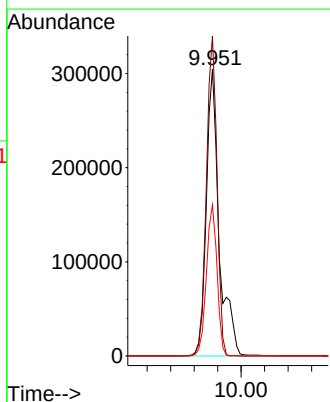
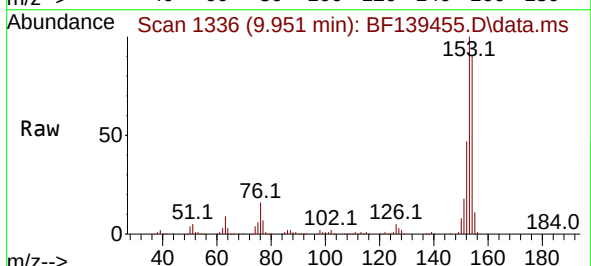
Reviewed By :Yogesh Patel 09/21/2024

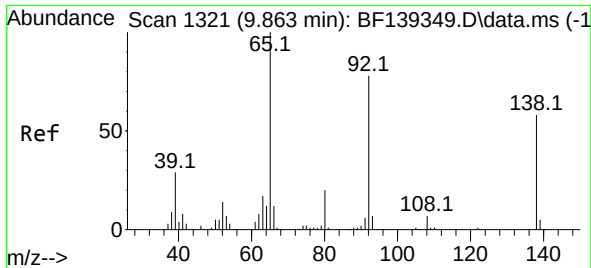
Supervised By :mohammad ahmed 09/22/2024



#52
Acenaphthene
Concen: 48.526 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:154 Resp: 463689
Ion Ratio Lower Upper
154 100
153 111.7 89.5 134.3
152 52.8 42.6 64.0





#53
3-Nitroaniline
Concen: 29.694 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

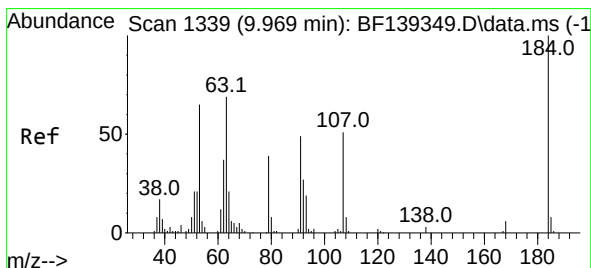
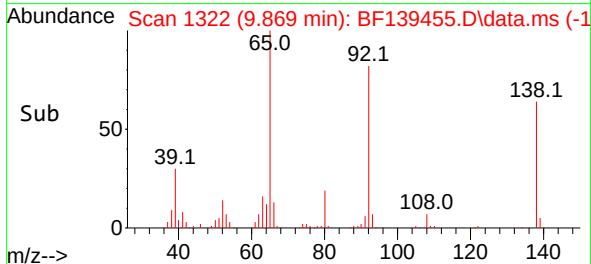
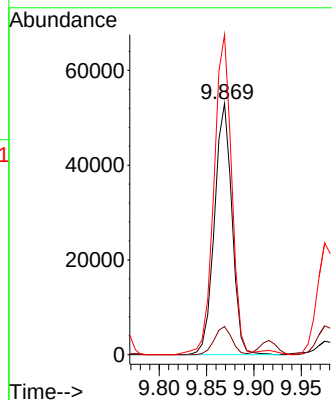
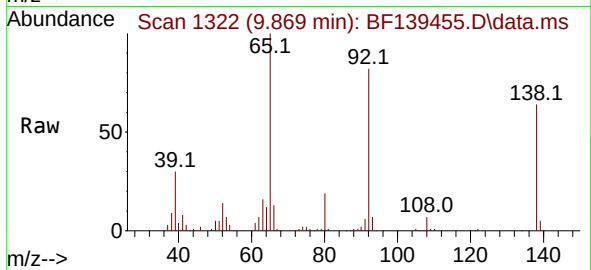
ClientSampleId :

PB163454BS

Tgt Ion:138 Resp: 68220
Ion Ratio Lower Upper
138 100
108 11.2 9.8 14.8
92 127.4 107.4 161.2

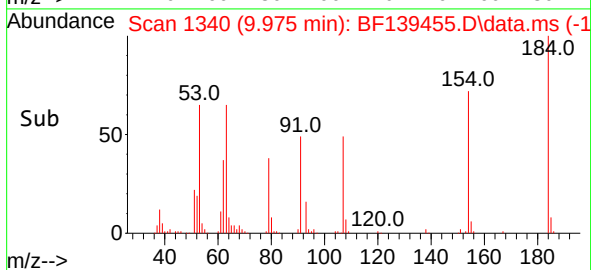
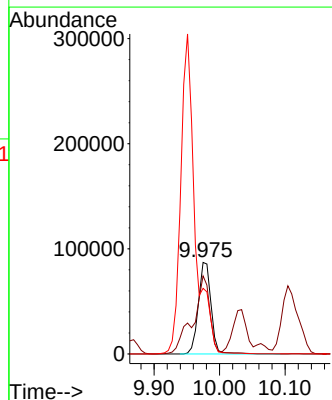
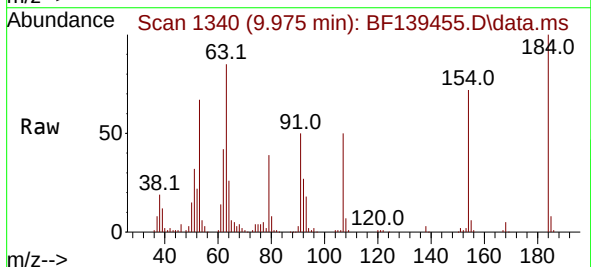
Manual Integrations
APPROVED

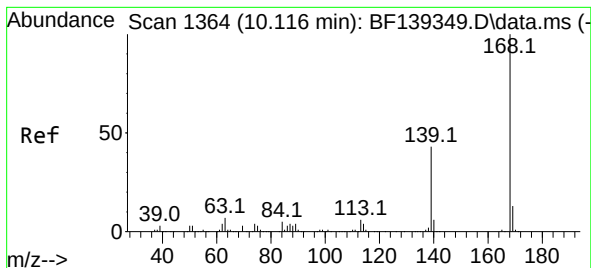
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#54
2,4-Dinitrophenol
Concen: 92.048 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

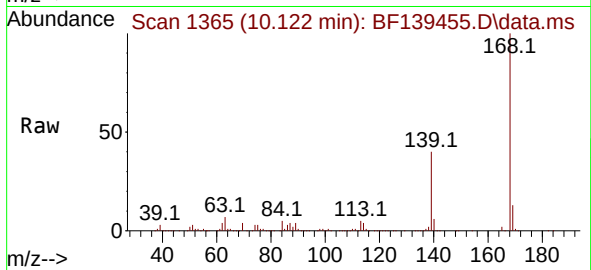
Tgt Ion:184 Resp: 117921
Ion Ratio Lower Upper
184 100
63 85.2 69.3 103.9
154 71.6 67.5 101.3





#55
Dibenzofuran
Concen: 44.110 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

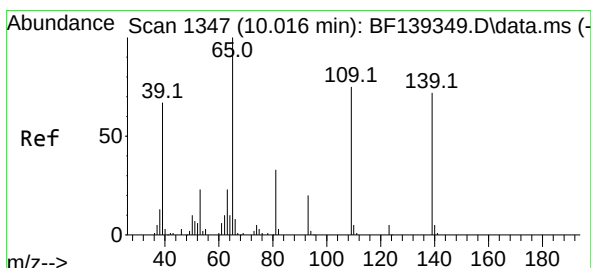
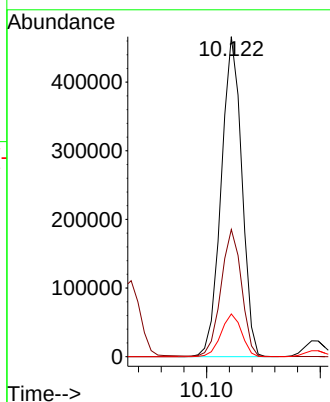
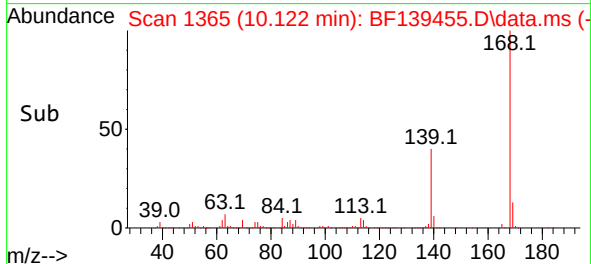
Instrument :
BNA_F
ClientSampleId :
PB163454BS



Tgt Ion:168 Resp: 587480
Ion Ratio Lower Upper
168 100
139 39.7 34.1 51.1
169 13.4 10.5 15.7

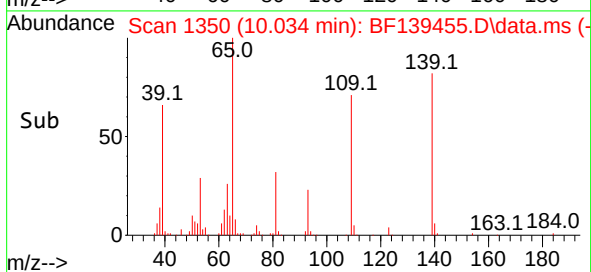
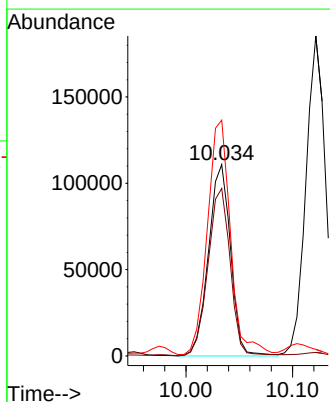
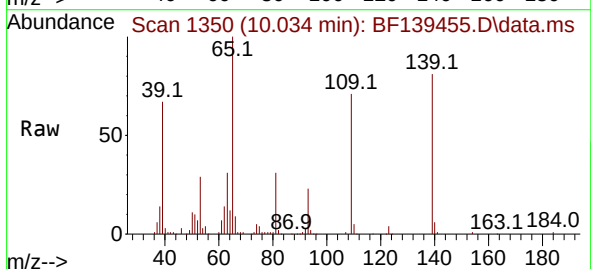
Manual Integrations
APPROVED

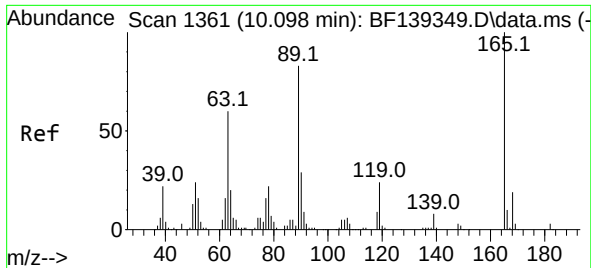
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#56
4-Nitrophenol
Concen: 83.954 ng
RT: 10.034 min Scan# 1350
Delta R.T. 0.018 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:139 Resp: 159612
Ion Ratio Lower Upper
139 100
109 87.5 84.1 124.1
65 123.2 120.0 160.0





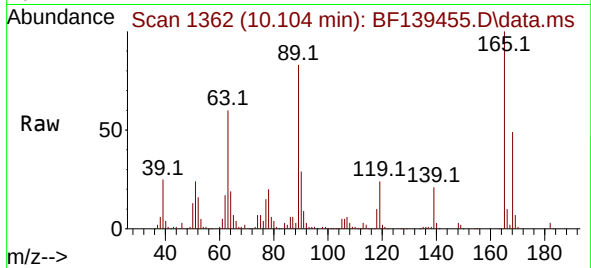
#57
2,4-Dinitrotoluene
Concen: 44.229 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



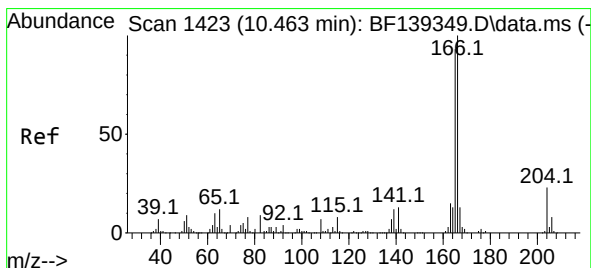
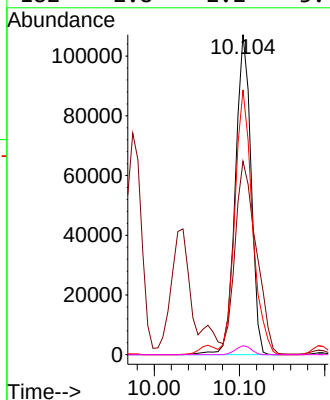
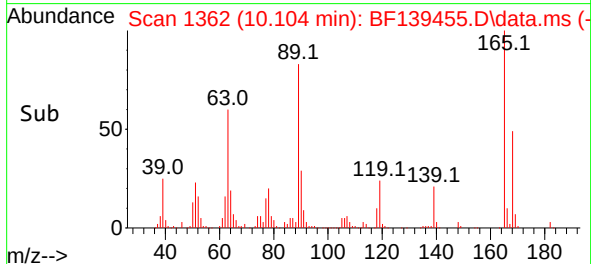
Tgt Ion:165 Resp: 13728
Ion Ratio Lower Upper
165 100
63 60.4 47.8 71.6
89 82.7 66.7 100.1
182 2.8 2.2 3.4

Manual Integrations

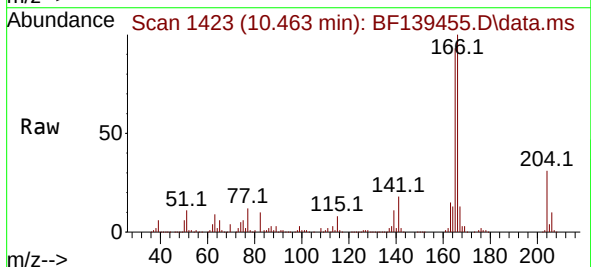
APPROVED

Reviewed By :Yogesh Patel 09/21/2024

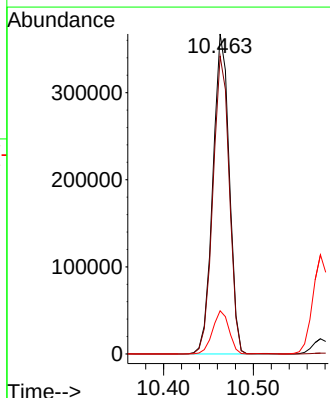
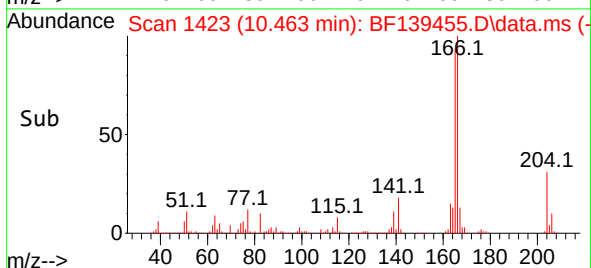
Supervised By :mohammad ahmed 09/22/2024

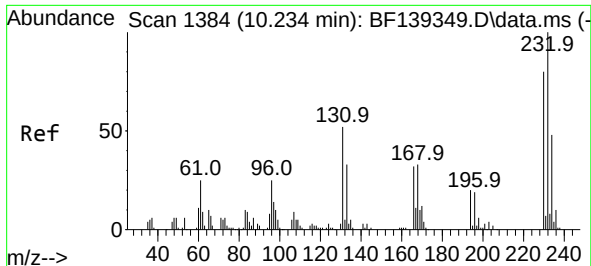


#58
Fluorene
Concen: 42.862 ng
RT: 10.463 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



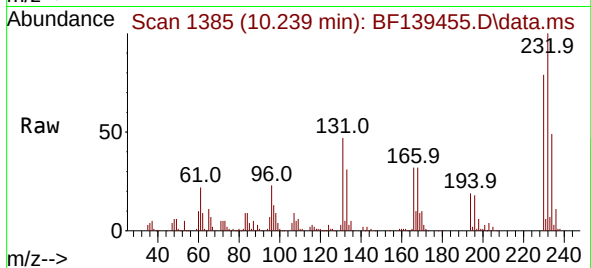
Tgt Ion:166 Resp: 465773
Ion Ratio Lower Upper
166 100
165 93.1 74.5 111.7
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.201 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

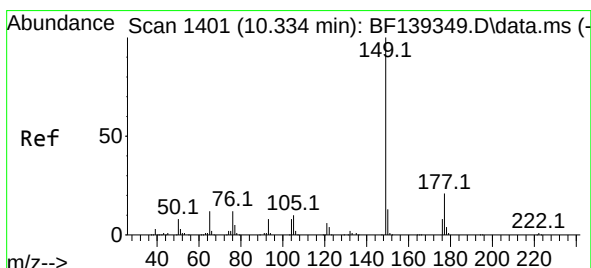
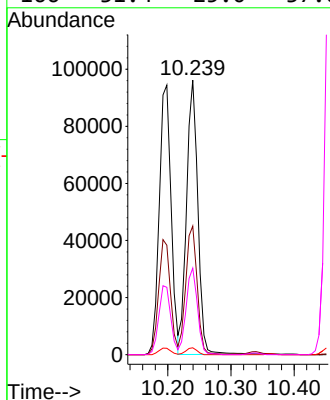
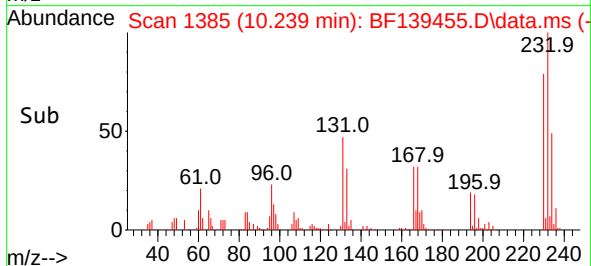
Instrument :
BNA_F
ClientSampleId :
PB163454BS



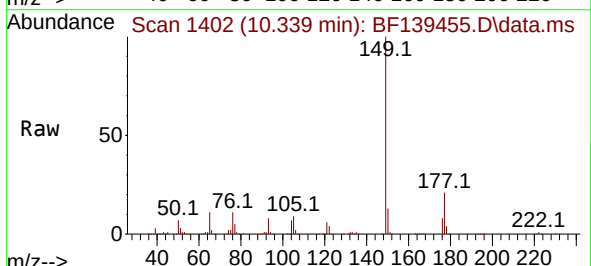
Tgt Ion:232 Resp: 120249
Ion Ratio Lower Upper
232 100
131 47.4 40.7 61.1
130 2.5 2.2 3.2
166 31.4 25.0 37.6

Manual Integrations
APPROVED

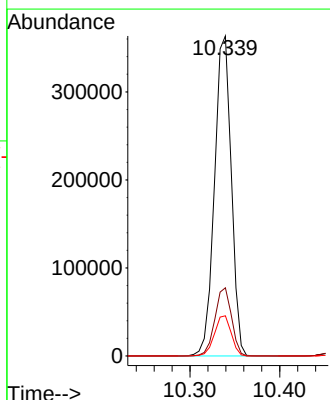
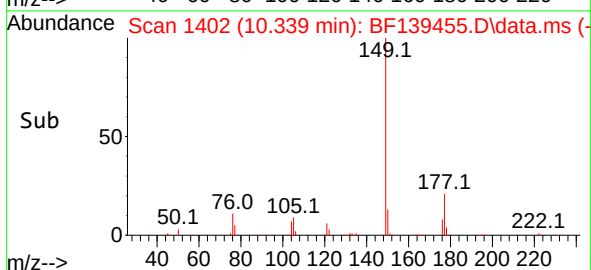
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

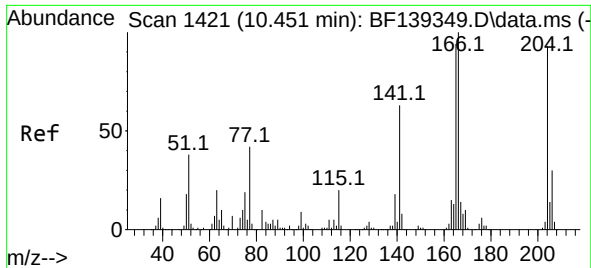


#60
Diethylphthalate
Concen: 44.105 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



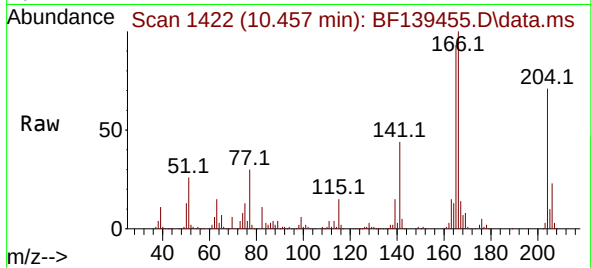
Tgt Ion:149 Resp: 472351
Ion Ratio Lower Upper
149 100
177 21.3 16.6 24.8
150 12.6 10.6 15.8





#61
4-Chlorophenyl-phenylether
Concen: 42.528 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

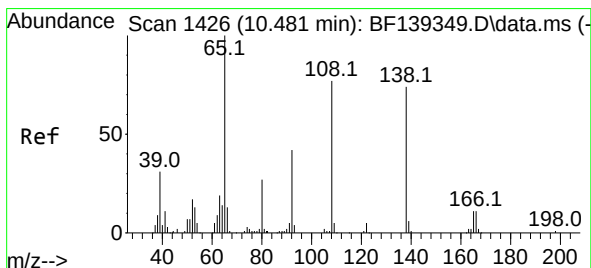
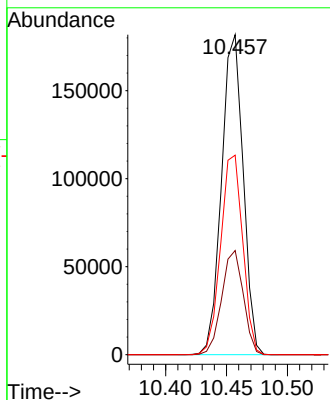
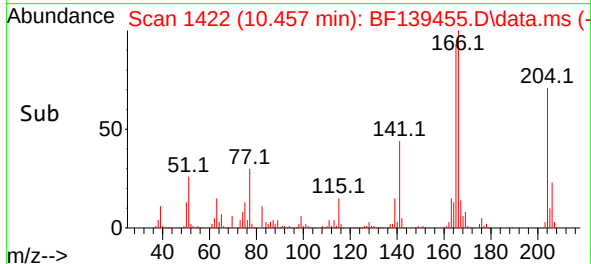
Instrument :
BNA_F
ClientSampleId :
PB163454BS



Tgt Ion:204 Resp: 224599
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.2
141 62.3 53.9 80.9

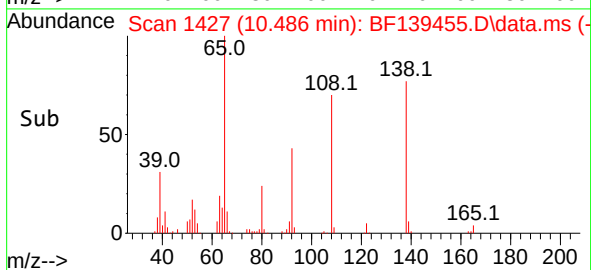
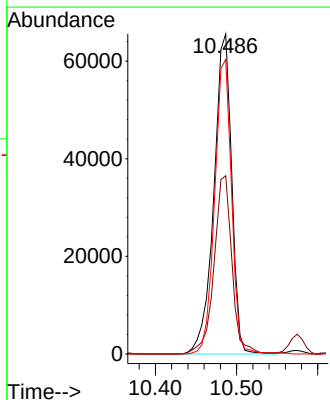
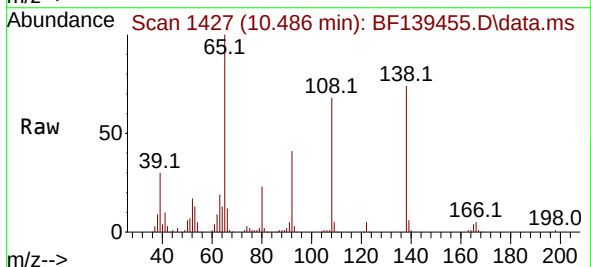
Manual Integrations
APPROVED

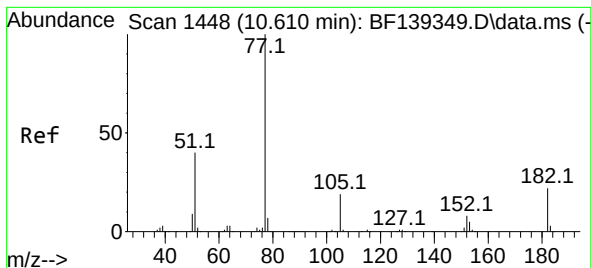
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#62
4-Nitroaniline
Concen: 39.977 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:138 Resp: 100246
Ion Ratio Lower Upper
138 100
92 55.7 37.0 77.0
108 92.1 84.4 124.4





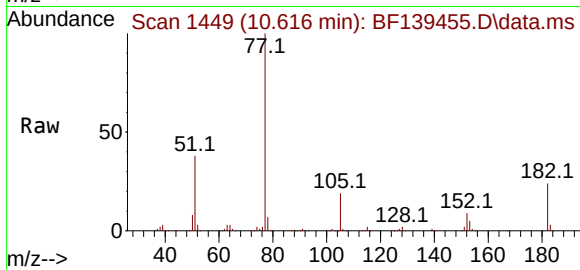
#63
Azobenzene
Concen: 43.987 ng
RT: 10.616 min Scan# 1448
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



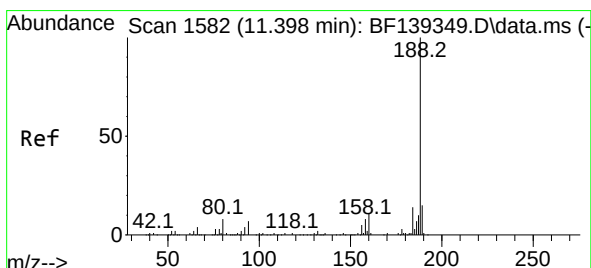
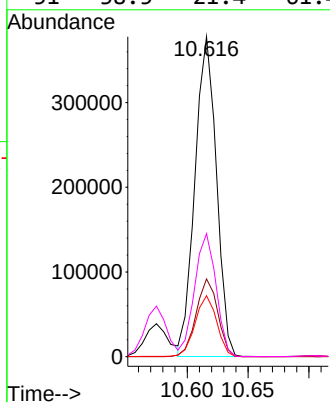
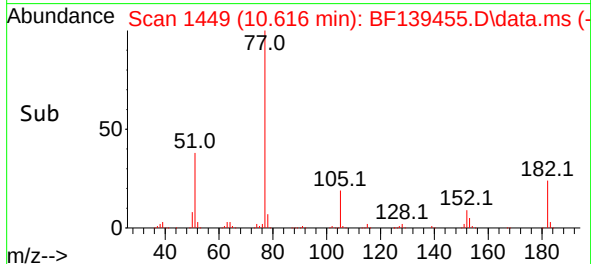
Tgt Ion: 77 Resp: 46334
Ion Ratio Lower Upper
77 100
182 24.3 1.8 41.8
105 19.1 0.0 38.6
51 38.5 21.4 61.4

Manual Integrations

APPROVED

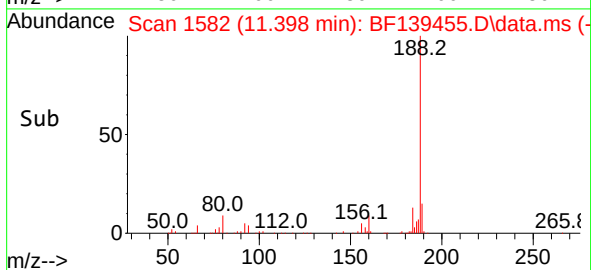
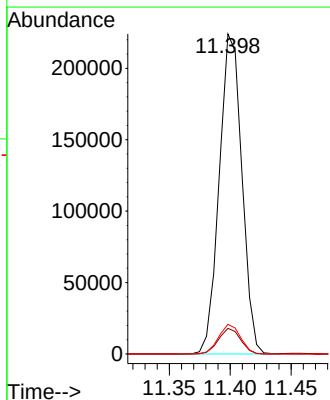
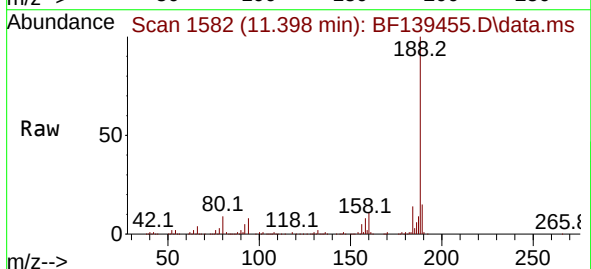
Reviewed By :Yogesh Patel 09/21/2024

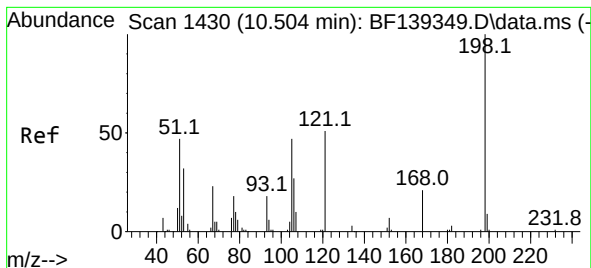
Supervised By :mohammad ahmed 09/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:188 Resp: 290000
Ion Ratio Lower Upper
188 100
94 8.0 5.5 8.3
80 9.3 6.6 9.8





#65
4,6-Dinitro-2-methylphenol
Concen: 48.386 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

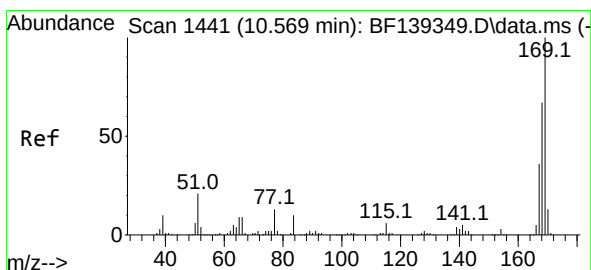
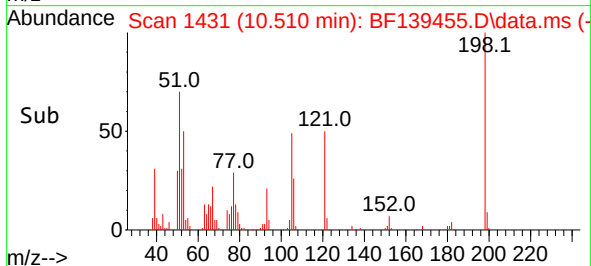
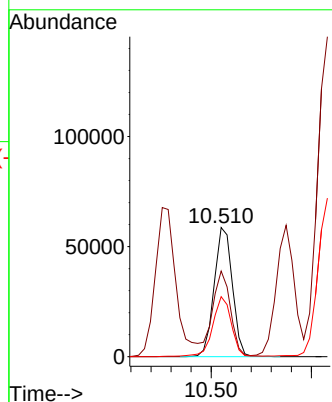
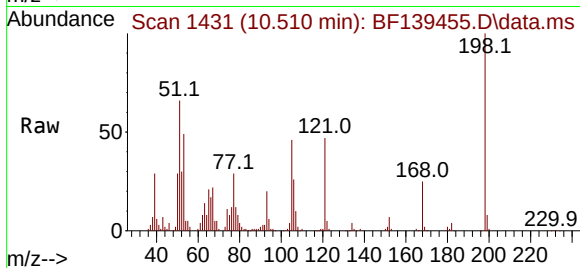
PB163454BS

Tgt Ion:198 Resp: 74058
Ion Ratio Lower Upper
198 100
51 66.3 50.4 90.4
105 46.4 28.3 68.3

Manual Integrations

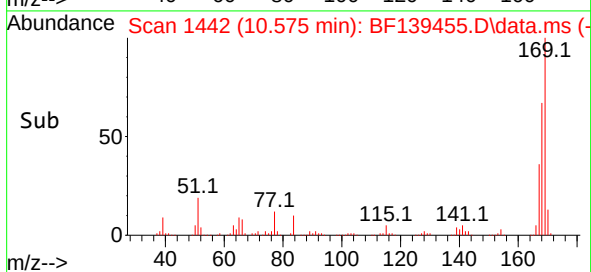
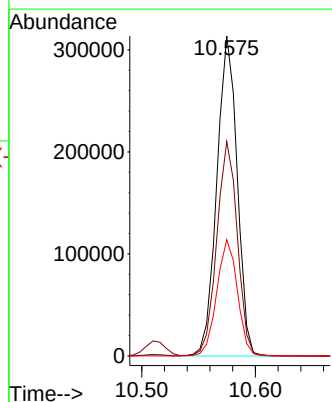
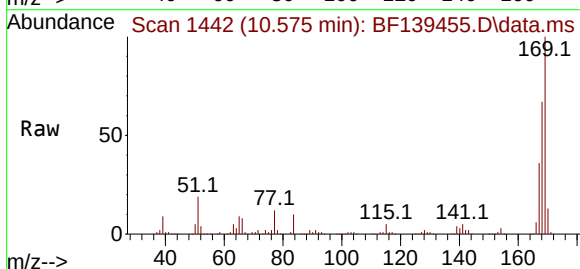
APPROVED

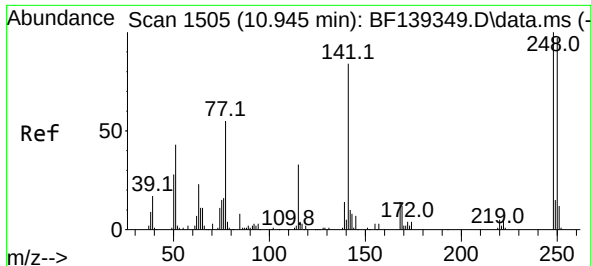
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#66
n-Nitrosodiphenylamine
Concen: 46.054 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:169 Resp: 390473
Ion Ratio Lower Upper
169 100
168 67.0 53.6 80.4
167 36.3 28.7 43.1





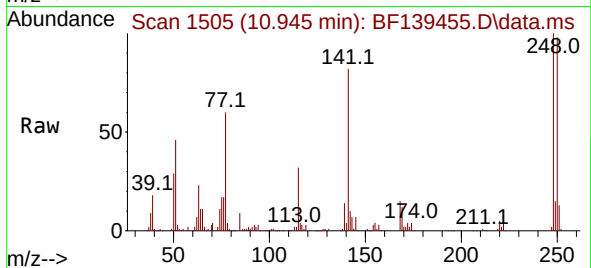
#67
4-Bromophenyl-phenylether
Concen: 45.353 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

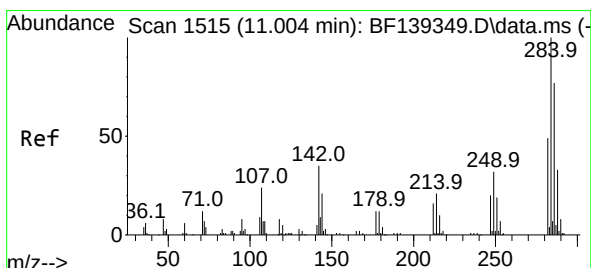
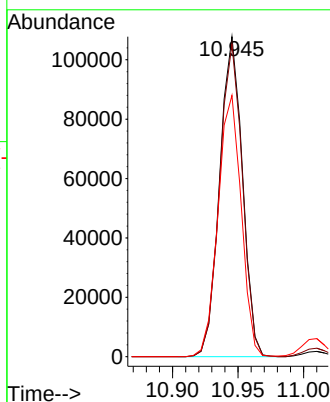
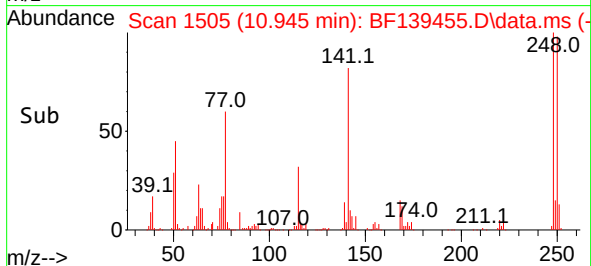


Tgt Ion:248 Resp: 130330
Ion Ratio Lower Upper
248 100
250 97.7 77.6 116.4
141 81.7 66.9 100.3

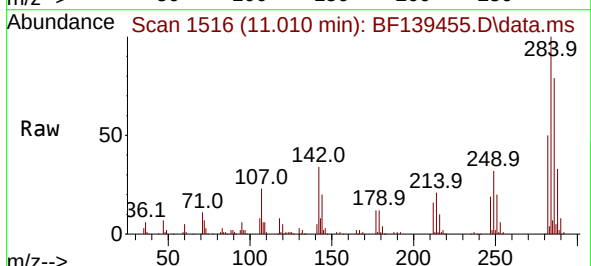
Manual Integrations

APPROVED

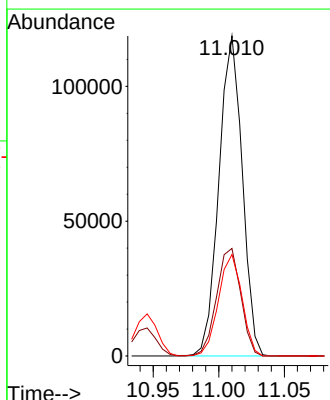
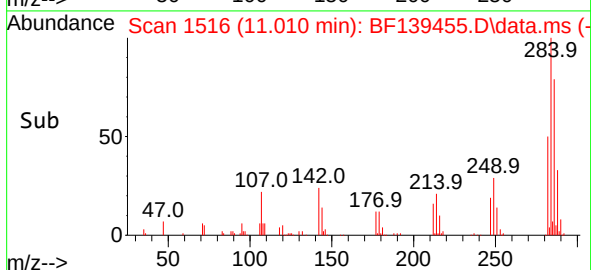
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

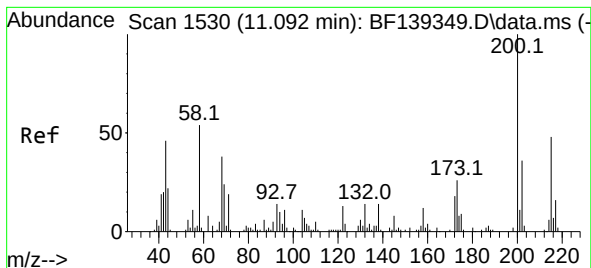


#68
Hexachlorobenzene
Concen: 43.529 ng
RT: 11.010 min Scan# 1516
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion:284 Resp: 146816
Ion Ratio Lower Upper
284 100
142 33.6 28.0 42.0
249 31.7 25.3 37.9





#69

Atrazine

Concen: 63.399 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion:200 Resp: 12797

Ion Ratio Lower Upper

200 100

173 26.5 6.1 46.1

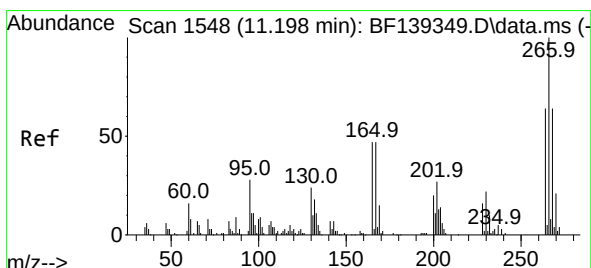
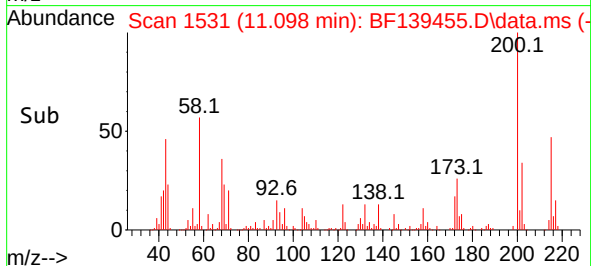
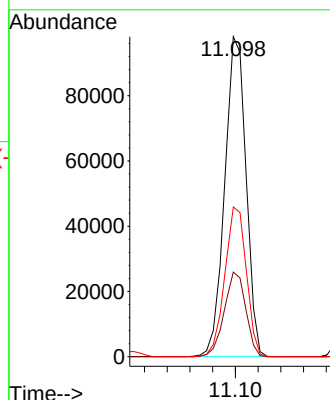
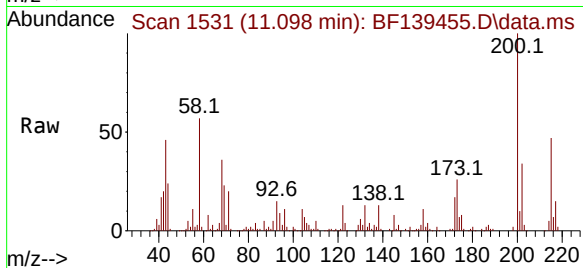
215 46.8 28.2 68.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#70

Pentachlorophenol

Concen: 82.959 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

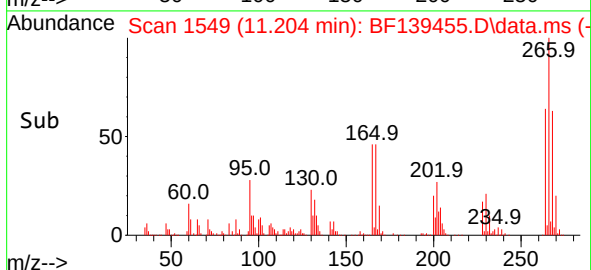
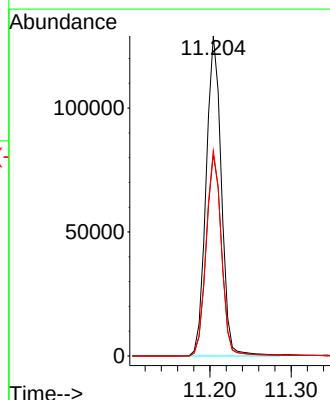
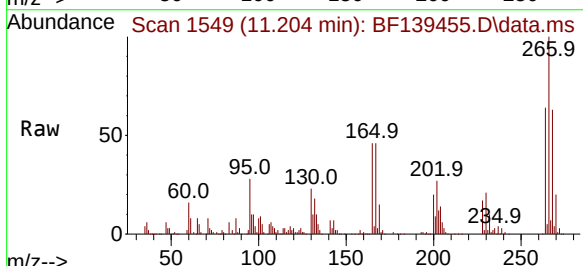
Tgt Ion:266 Resp: 167893

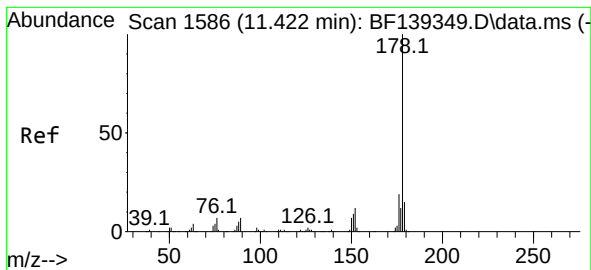
Ion Ratio Lower Upper

266 100

268 63.1 51.1 76.7

264 64.2 51.4 77.0





#71

Phenanthrene

Concen: 44.771 ng

RT: 11.428 min Scan# 1586

Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion:178 Resp: 626410

Ion Ratio Lower Upper

178 100

176 19.5 15.2 22.8

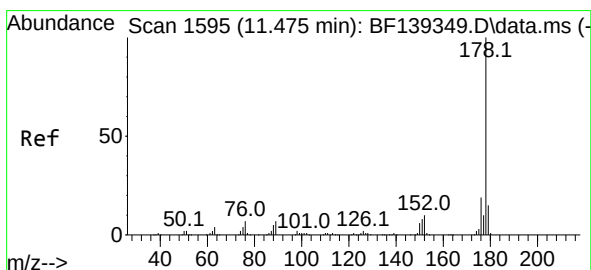
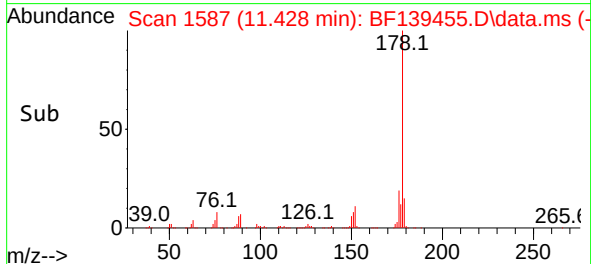
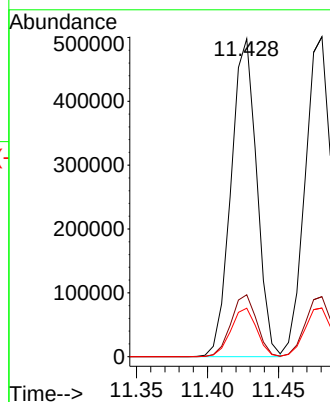
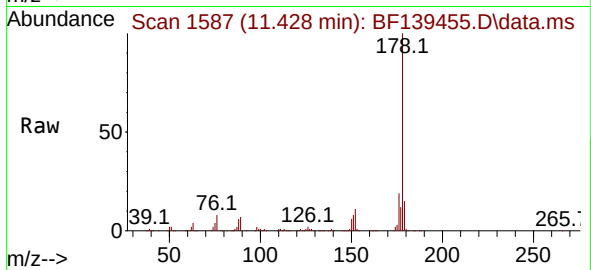
179 15.2 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#72

Anthracene

Concen: 47.051 ng

RT: 11.481 min Scan# 1596

Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

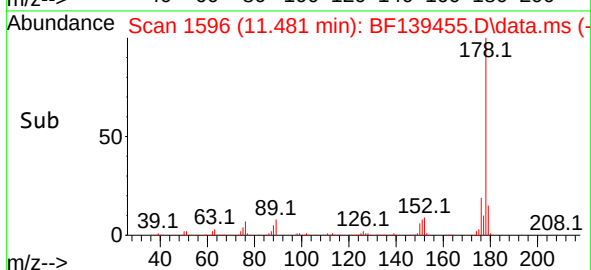
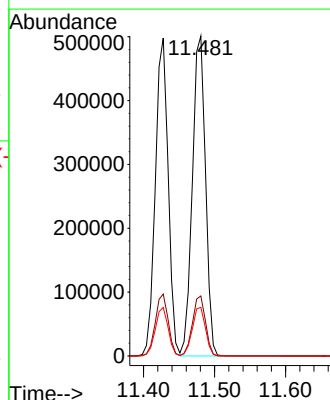
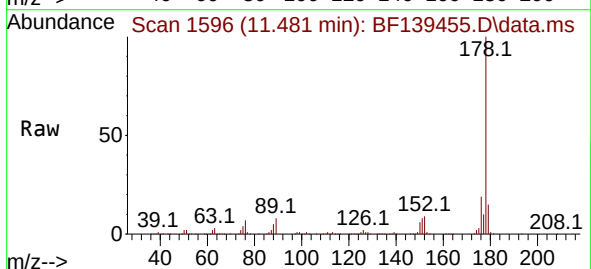
Tgt Ion:178 Resp: 643635

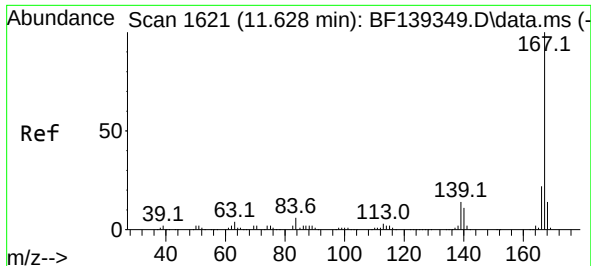
Ion Ratio Lower Upper

178 100

176 18.7 15.0 22.6

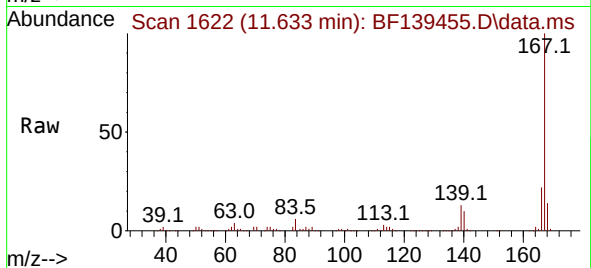
179 15.2 12.0 18.0





#73
Carbazole
Concen: 43.647 ng
RT: 11.633 min Scan# 1622
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

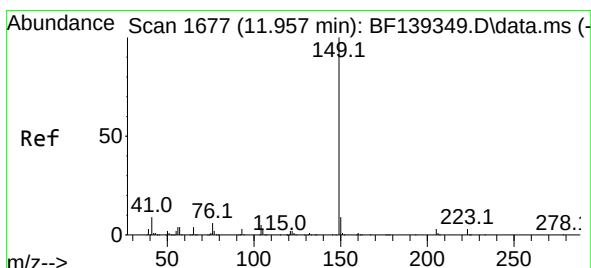
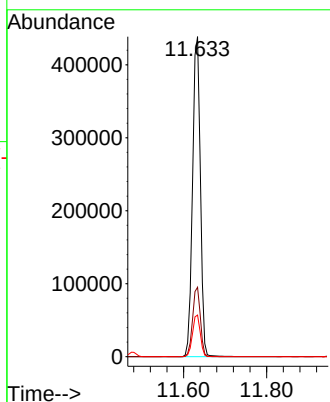
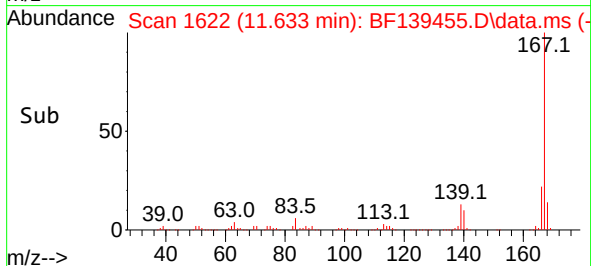
Instrument :
BNA_F
ClientSampleId :
PB163454BS



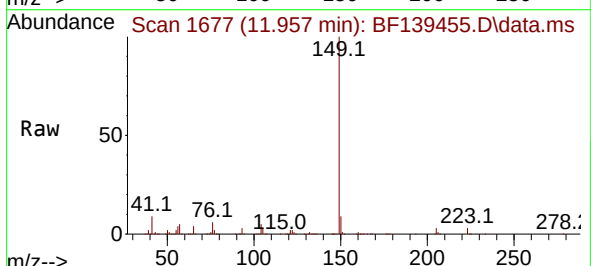
Tgt Ion:167 Resp: 571464
Ion Ratio Lower Upper
167 100
166 21.7 17.5 26.3
139 13.0 10.9 16.3

Manual Integrations
APPROVED

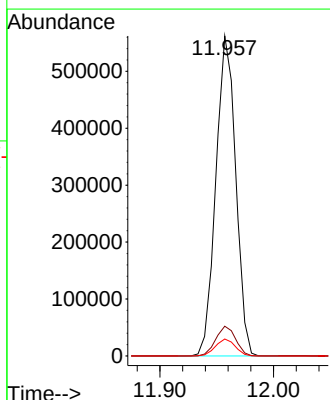
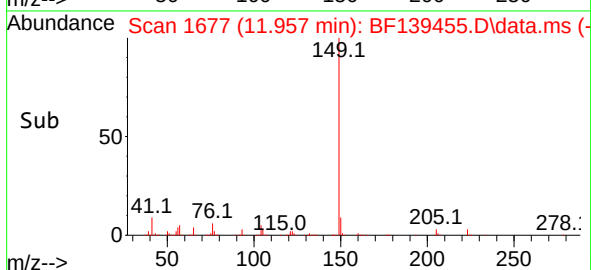
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

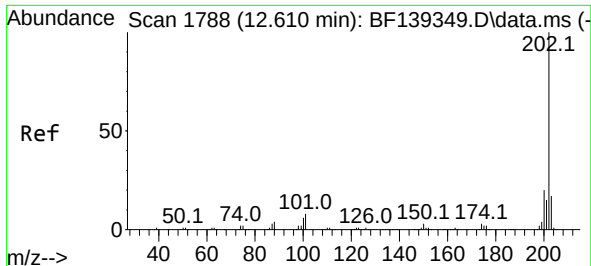


#74
Di-n-butylphthalate
Concen: 46.856 ng
RT: 11.957 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



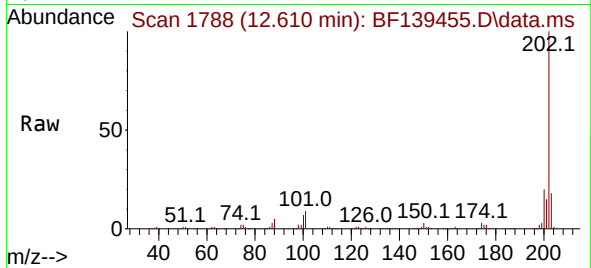
Tgt Ion:149 Resp: 683395
Ion Ratio Lower Upper
149 100
150 9.3 7.3 10.9
104 5.3 4.3 6.5





#75
Fluoranthene
Concen: 42.793 ng
RT: 12.610 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

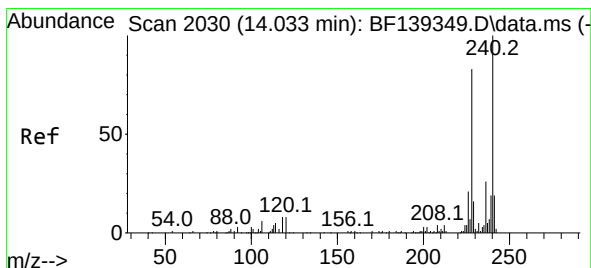
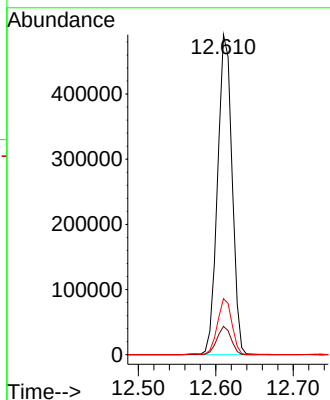
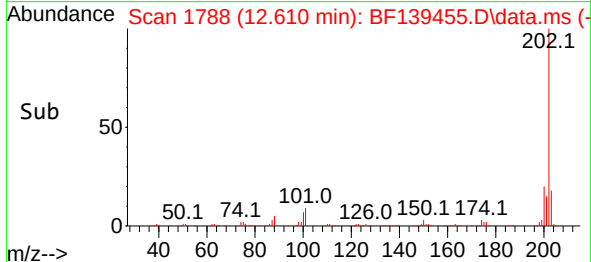
Instrument :
BNA_F
ClientSampleId :
PB163454BS



Tgt Ion:202 Resp: 639392
Ion Ratio Lower Upper
202 100
101 8.9 0.0 27.7
203 17.5 0.0 37.4

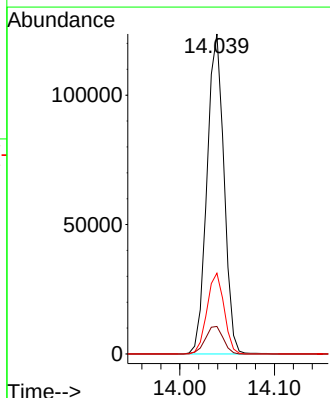
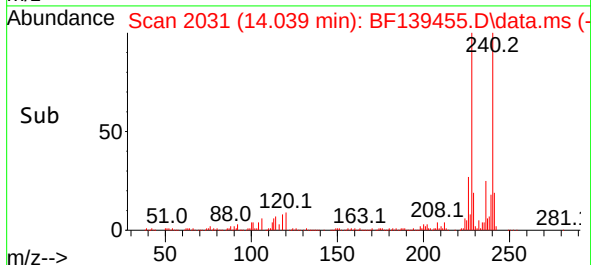
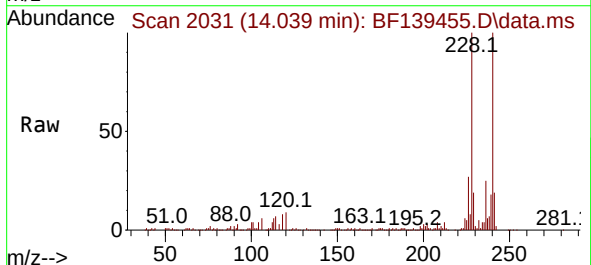
Manual Integrations
APPROVED

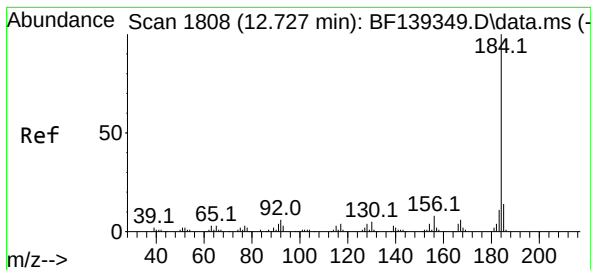
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:240 Resp: 154154
Ion Ratio Lower Upper
240 100
120 8.6 6.2 9.2
236 25.2 20.9 31.3





#77

Benzidine

Concen: 66.640 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

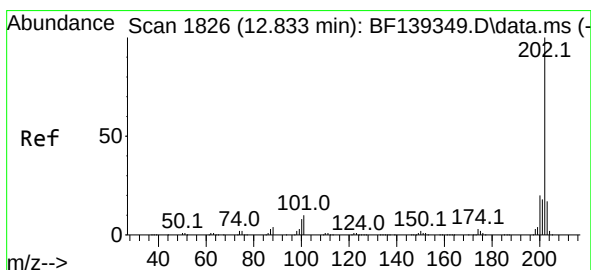
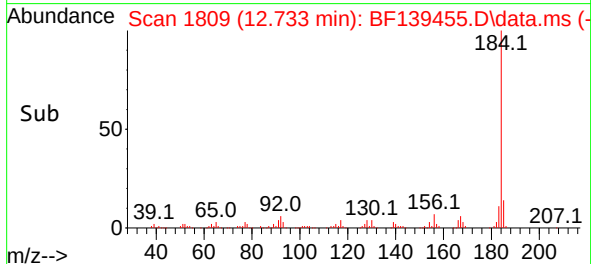
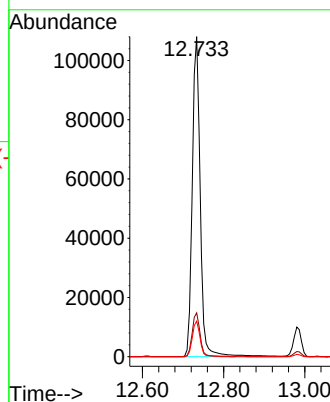
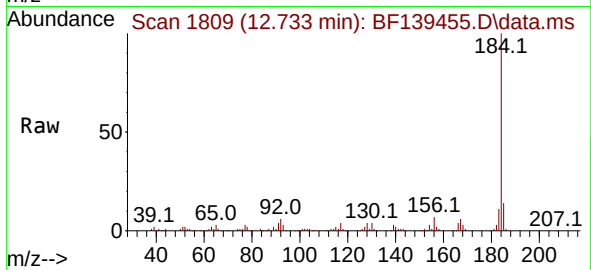
Tgt Ion:184	Resp: 147180
Ion Ratio	Lower Upper
184	100
185	13.7 11.5 17.3
183	11.1 8.9 13.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#78

Pyrene

Concen: 48.049 ng

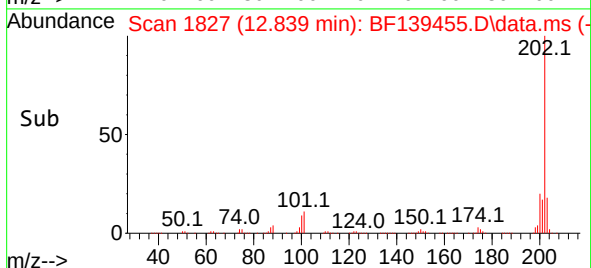
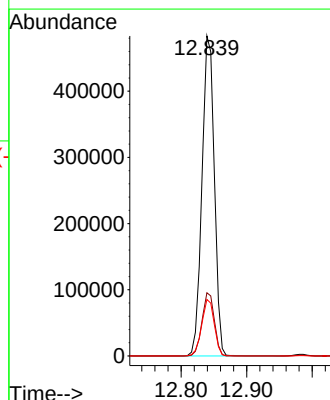
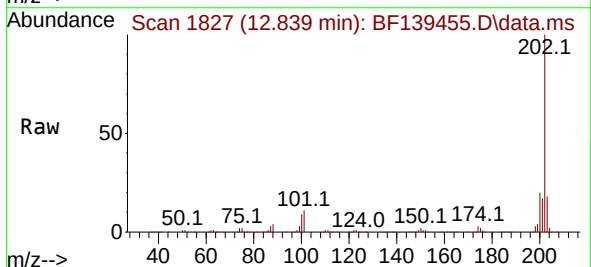
RT: 12.839 min Scan# 1827

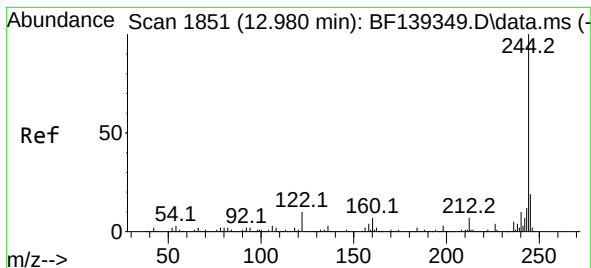
Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Tgt Ion:202	Resp: 635983
Ion Ratio	Lower Upper
202	100
200	19.7 16.2 24.2
203	17.6 13.9 20.9





#79

Terphenyl-d14

Concen: 93.564 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.000 min

Lab File: BF139455.D

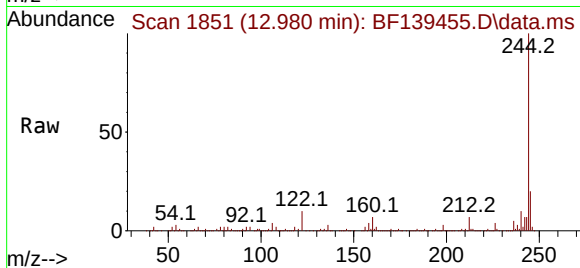
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS



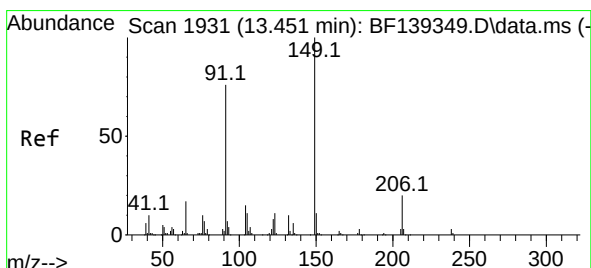
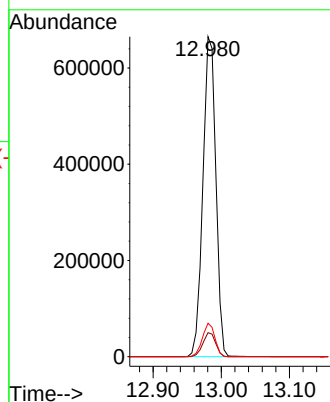
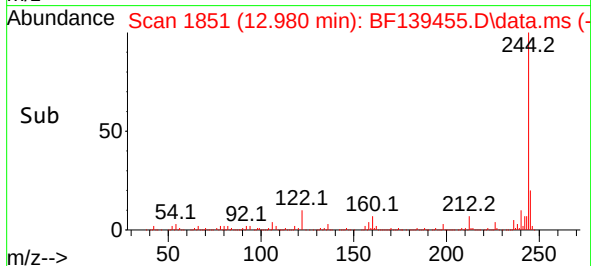
Tgt Ion:	244	Resp:	87872
Ion Ratio	Lower	Upper	
244	100		
212	7.5	6.0	9.0
122	10.5	7.6	11.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#80

Butylbenzylphthalate

Concen: 48.985 ng

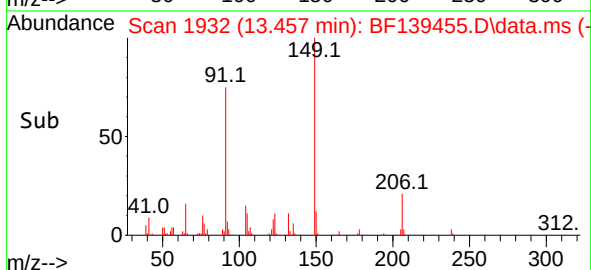
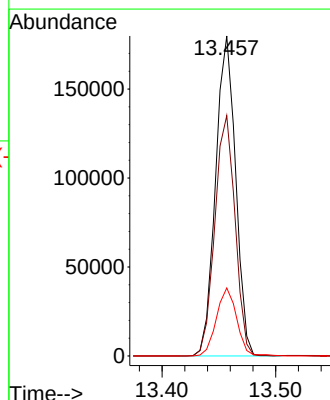
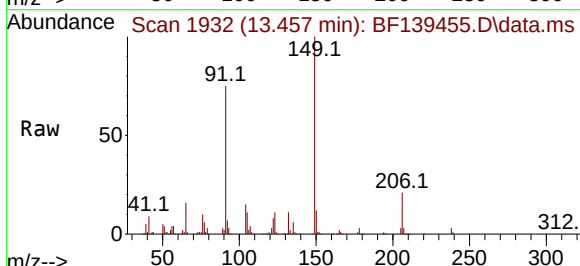
RT: 13.457 min Scan# 1932

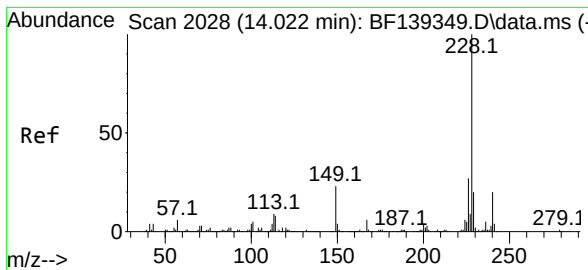
Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

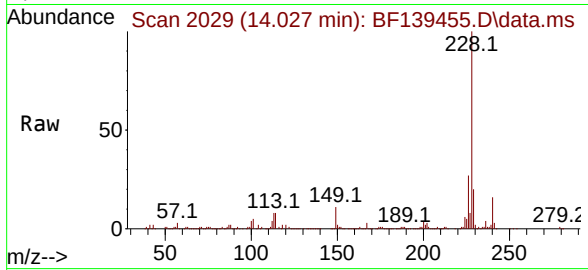
Tgt Ion:	149	Resp:	220692
Ion Ratio	Lower	Upper	
149	100		
91	75.1	60.9	91.3
206	21.3	15.8	23.8





#81
Benzo(a)anthracene
Concen: 46.454 ng
RT: 14.027 min Scan# 2028
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

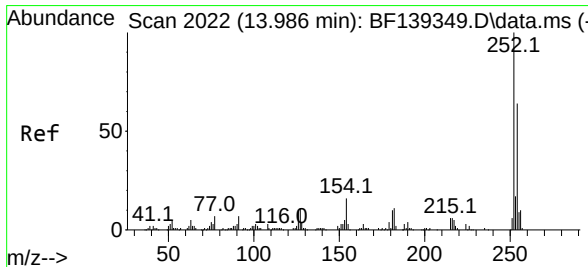
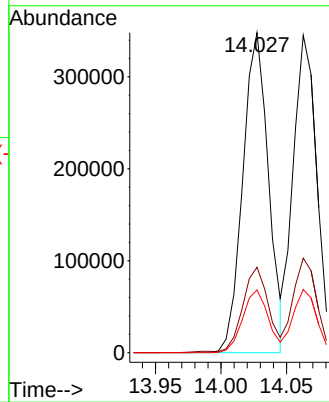
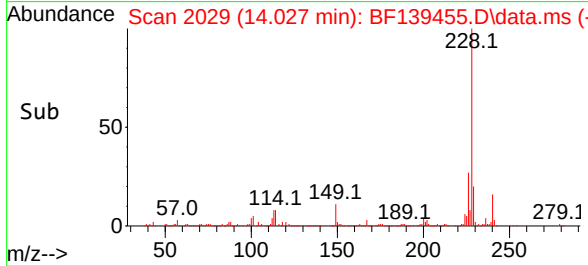
Instrument :
BNA_F
ClientSampleId :
PB163454BS



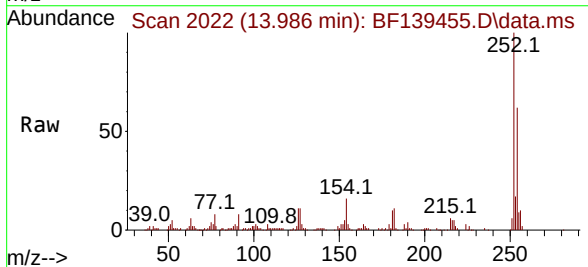
Tgt Ion:228 Resp: 474349
Ion Ratio Lower Upper
228 100
226 26.7 21.6 32.4
229 19.6 15.7 23.5

Manual Integrations
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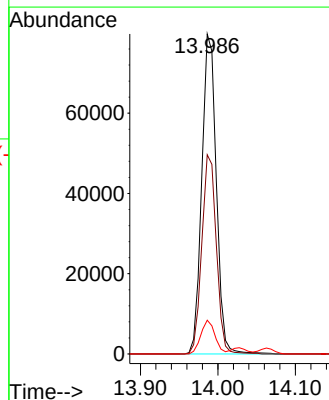
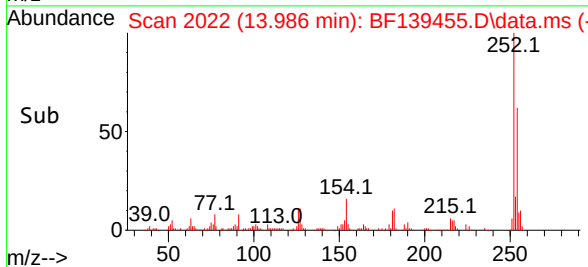
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

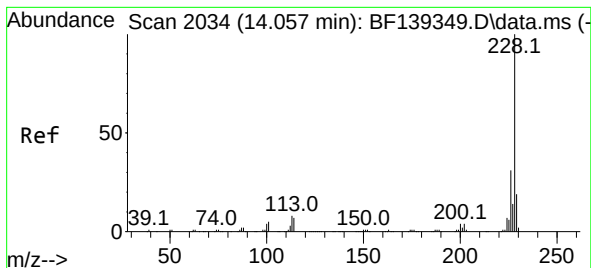


#82
3,3'-Dichlorobenzidine
Concen: 34.739 ng
RT: 13.986 min Scan# 2022
Delta R.T. 0.000 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion:252 Resp: 103882
Ion Ratio Lower Upper
252 100
254 62.3 51.4 77.2
126 10.6 7.7 11.5





#83

Chrysene

Concen: 45.902 ng

RT: 14.063 min Scan# 2034

Delta R.T. 0.006 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion:228 Resp: 431210

Ion Ratio Lower Upper

228 100

226 29.8 24.1 36.1

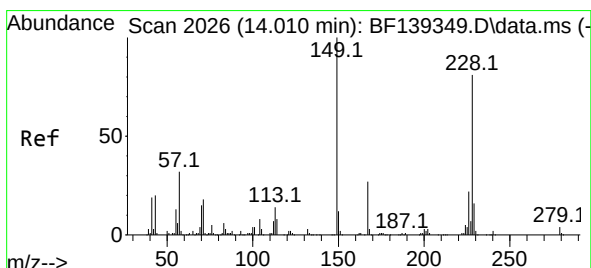
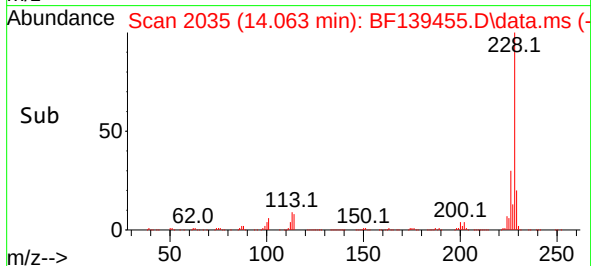
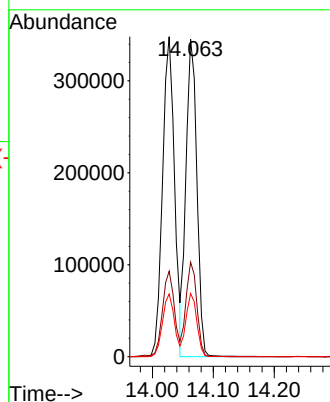
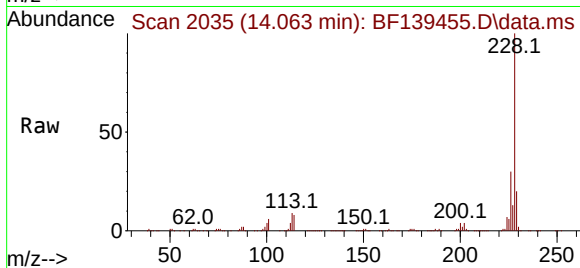
229 19.9 15.4 23.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.578 ng

RT: 14.010 min Scan# 2026

Delta R.T. 0.000 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

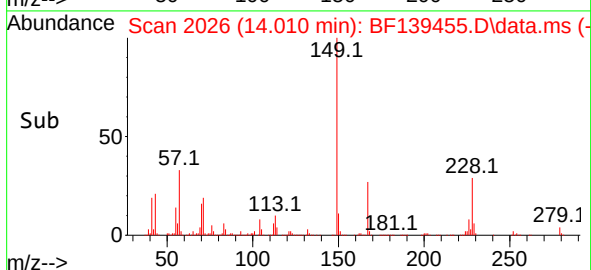
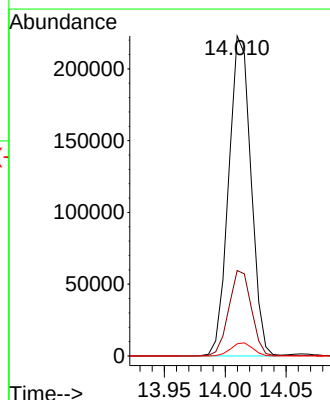
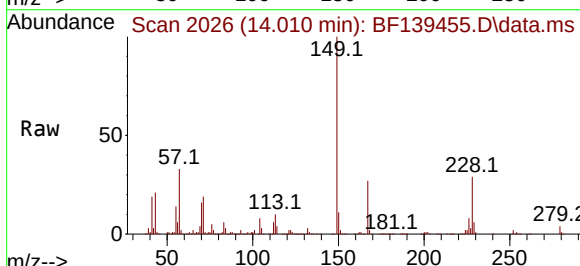
Tgt Ion:149 Resp: 284150

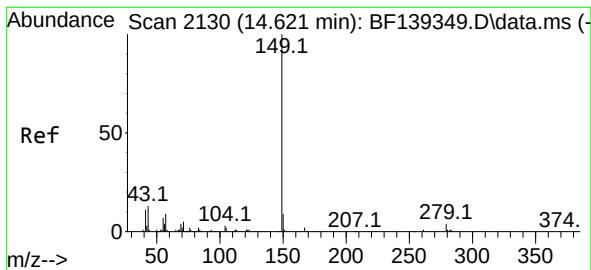
Ion Ratio Lower Upper

149 100

167 26.7 21.6 32.4

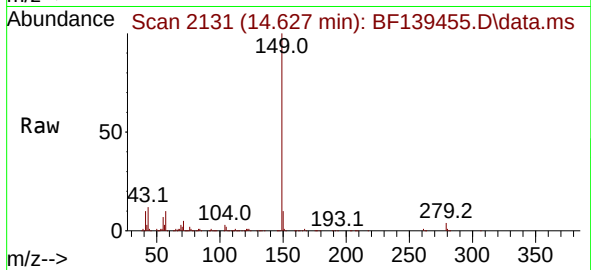
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 51.182 ng
RT: 14.627 min Scan# 2130
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

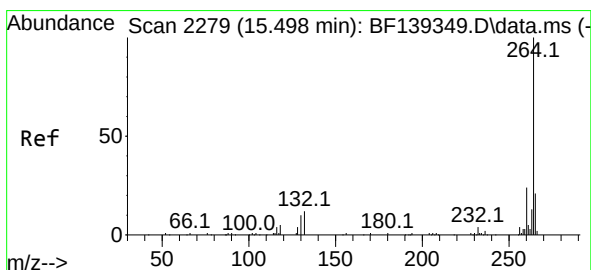
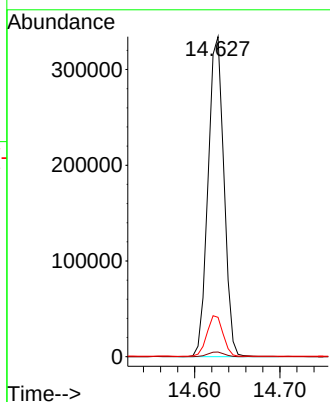
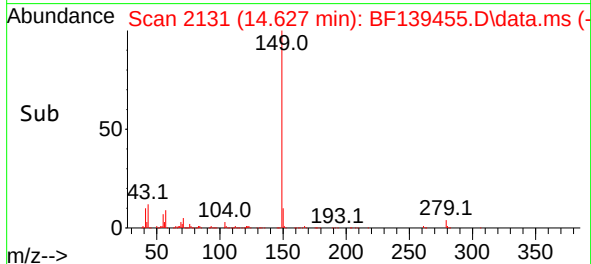
Instrument :
BNA_F
ClientSampleId :
PB163454BS



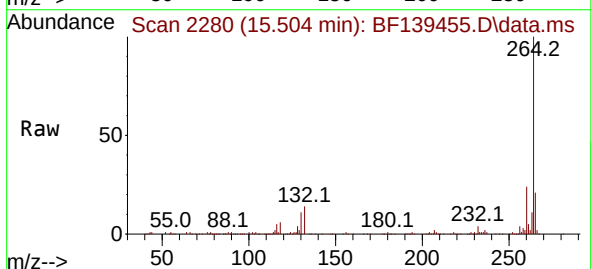
Tgt Ion:149 Resp: 432012
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.9 10.6 16.0

Manual Integrations
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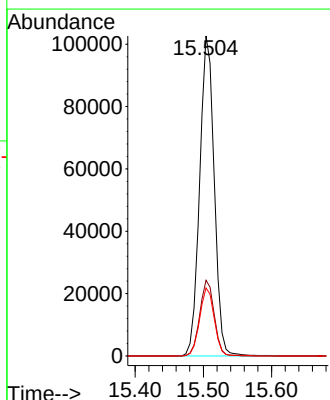
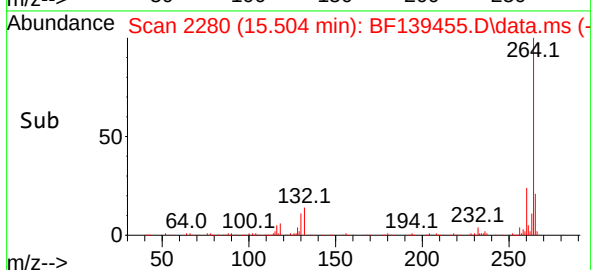
Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024

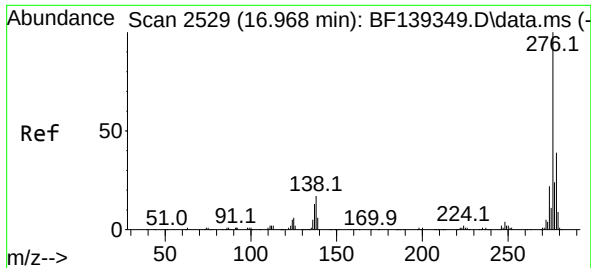


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36



Tgt Ion:264 Resp: 152828
Ion Ratio Lower Upper
264 100
260 23.7 19.5 29.3
265 21.3 16.6 25.0





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 48.639 ng
 RT: 16.986 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: BF139455.D
 Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

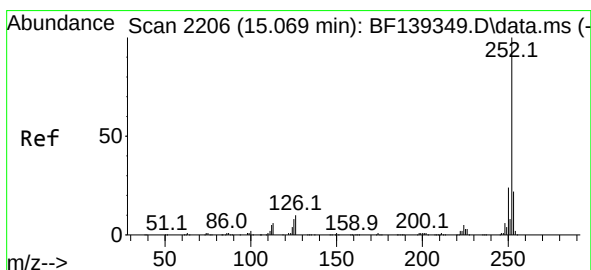
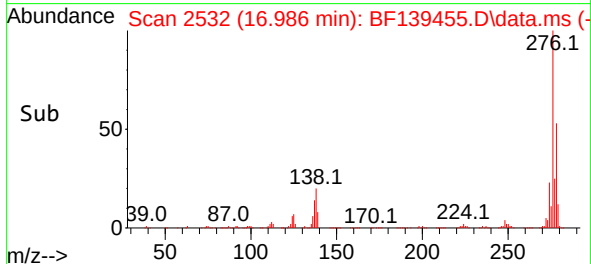
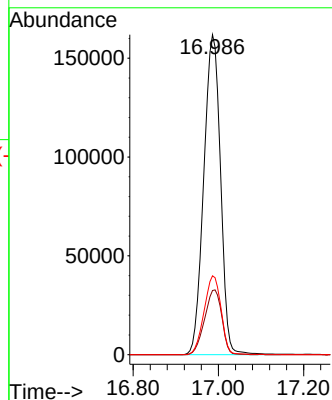
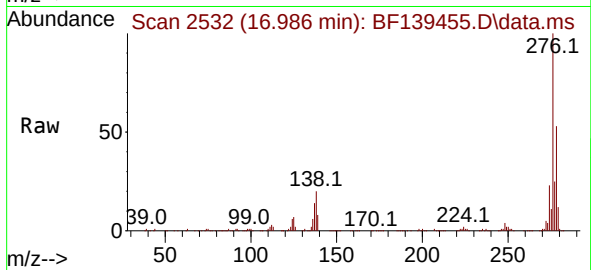
PB163454BS

Tgt Ion:276 Resp: 442008
 Ion Ratio Lower Upper
 276 100
 138 20.8 15.4 23.2
 277 25.0 20.4 30.6

Manual Integrations

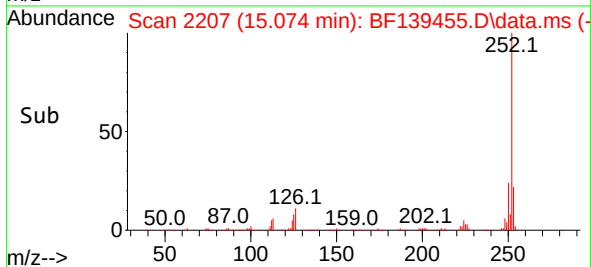
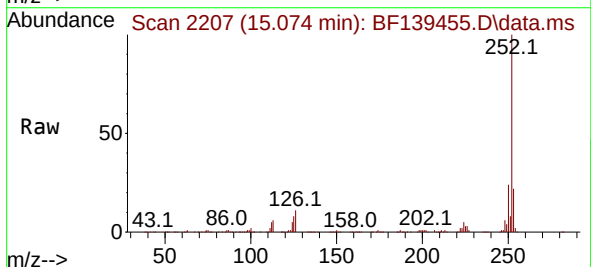
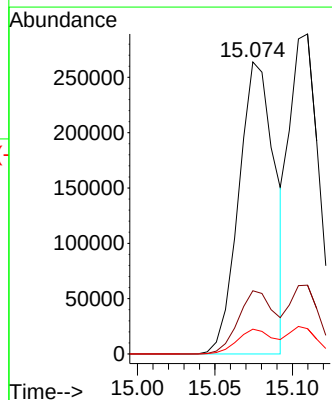
APPROVED

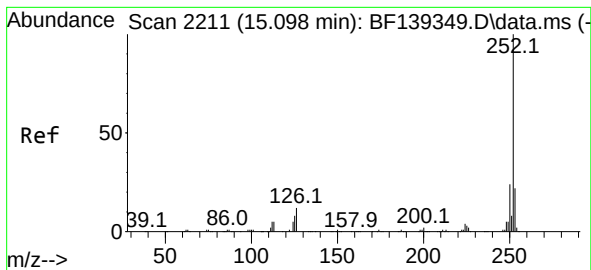
Reviewed By :Yogesh Patel 09/21/2024
 Supervised By :mohammad ahmed 09/22/2024



#88
 Benzo(b)fluoranthene
 Concen: 45.249 ng
 RT: 15.074 min Scan# 2207
 Delta R.T. 0.006 min
 Lab File: BF139455.D
 Acq: 19 Sep 2024 10:36

Tgt Ion:252 Resp: 426495
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.6 26.4
 125 8.5 6.2 9.2





#89

Benzo(k)fluoranthene

Concen: 44.071 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

ClientSampleId :

PB163454BS

Tgt Ion:252 Resp: 38300

Ion Ratio Lower Upper

252 100

253 21.5 17.3 25.9

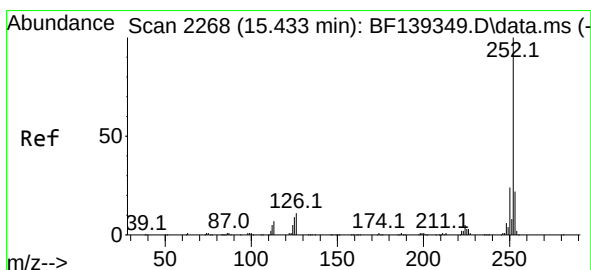
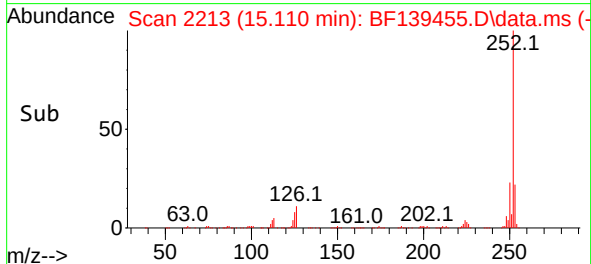
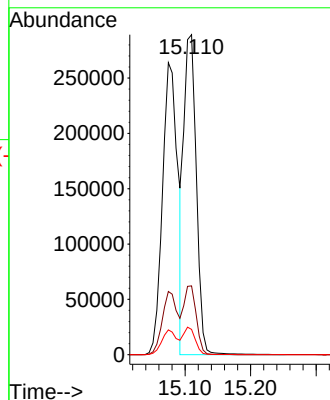
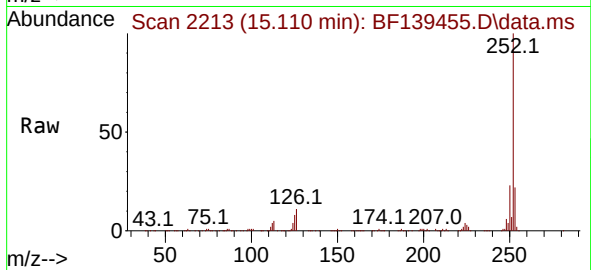
125 7.9 5.9 8.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/21/2024

Supervised By :mohammad ahmed 09/22/2024



#90

Benzo(a)pyrene

Concen: 49.298 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.012 min

Lab File: BF139455.D

Acq: 19 Sep 2024 10:36

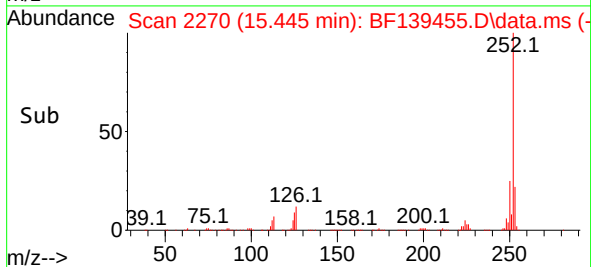
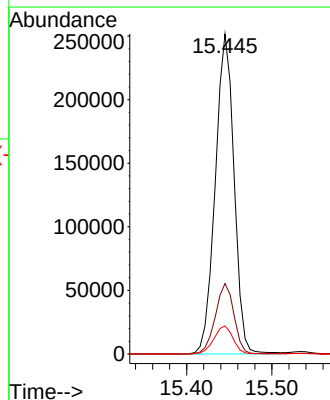
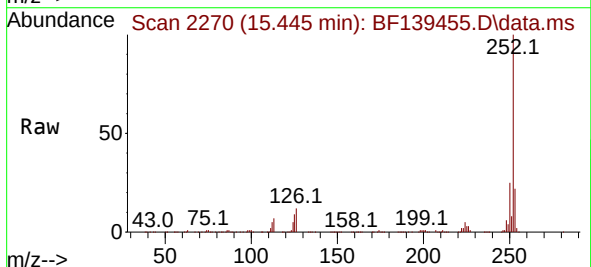
Tgt Ion:252 Resp: 385363

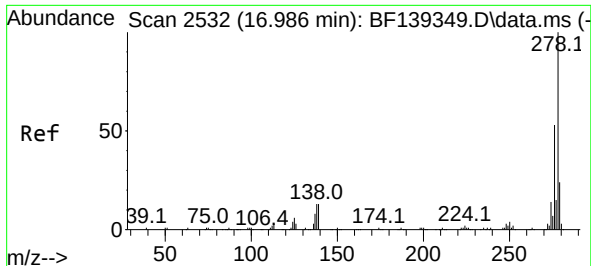
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 8.8 6.8 10.2





#91
Dibenzo(a,h)anthracene
Concen: 47.730 ng
RT: 17.004 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Instrument :

BNA_F

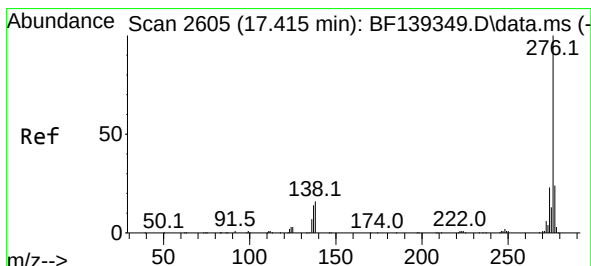
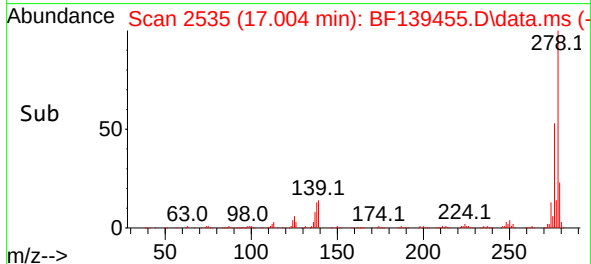
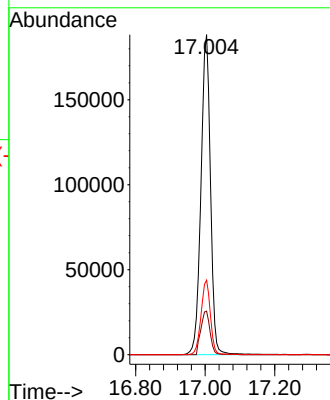
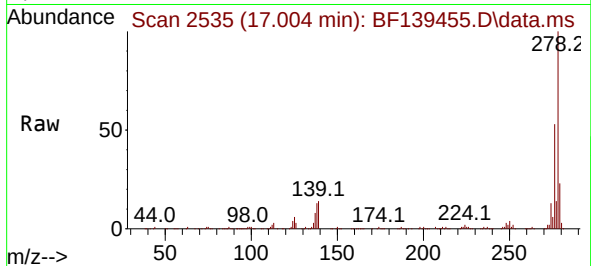
ClientSampleId :

PB163454BS

Tgt Ion:278 Resp: 35841
Ion Ratio Lower Upper
278 100
139 13.6 10.2 15.2
279 23.3 18.9 28.3

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 09/21/2024
Supervised By :mohammad ahmed 09/22/2024



#92
Benzo(g,h,i)perylene
Concen: 44.252 ng
RT: 17.433 min Scan# 2608
Delta R.T. 0.018 min
Lab File: BF139455.D
Acq: 19 Sep 2024 10:36

Tgt Ion:276 Resp: 329024
Ion Ratio Lower Upper
276 100
277 23.4 18.9 28.3
138 18.4 13.0 19.6

