

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082324\
 Data File : BF139139.D
 Acq On : 23 Aug 2024 11:12
 Operator : RC/JU
 Sample : PB162917BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB162917BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

Quant Time: Aug 23 11:57:04 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082024.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 21 01:25:05 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	119701	20.000	ng	0.00
21) Naphthalene-d8	8.181	136	453077	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	274027	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	501979	20.000	ng	0.00
76) Chrysene-d12	14.068	240	265971	20.000	ng	0.01
86) Perylene-d12	15.539	264	224142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	907491	116.640	ng	0.02
7) Phenol-d6	6.534	99	1187686	118.141	ng	0.01
23) Nitrobenzene-d5	7.463	82	790219	101.630	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	354808	143.026	ng	0.01
45) 2-Fluorobiphenyl	9.263	172	1349434	78.132	ng	0.00
79) Terphenyl-d14	13.010	244	1628992	101.627	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	103622	31.052	ng	98
3) Pyridine	3.546	79	271284	31.991	ng	99
4) n-Nitrosodimethylamine	3.510	42	216237	42.212	ng	99
6) Aniline	6.563	93	252339	27.805	ng	92
8) 2-Chlorophenol	6.686	128	345914	46.224	ng	95
9) Benzaldehyde	6.445	77	114763	19.464	ng	99
10) Phenol	6.545	94	459358	43.915	ng	93
11) bis(2-Chloroethyl)ether	6.639	93	344681	40.975	ng	99
12) 1,3-Dichlorobenzene	6.839	146	371577	41.298	ng	99
13) 1,4-Dichlorobenzene	6.916	146	377141	41.923	ng	99
14) 1,2-Dichlorobenzene	7.069	146	362495	44.090	ng	98
15) Benzyl Alcohol	7.039	79	363415	45.738	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.169	45	504568	42.581	ng	94
17) 2-Methylphenol	7.151	107	285834	44.647	ng	97
18) Hexachloroethane	7.410	117	135634	42.996	ng	98
19) n-Nitroso-di-n-propyla...	7.316	70	284716	43.126	ng	99
20) 3+4-Methylphenols	7.304	107	368961	44.481	ng	91
22) Acetophenone	7.310	105	465748	40.260	ng	# 92
24) Nitrobenzene	7.481	77	420921	48.703	ng	99
25) Isophorone	7.722	82	737114	44.602	ng	99
26) 2-Nitrophenol	7.798	139	172937	56.288	ng	98
27) 2,4-Dimethylphenol	7.833	122	249393	47.588	ng	99
28) bis(2-Chloroethoxy)met...	7.933	93	414020	42.875	ng	100
29) 2,4-Dichlorophenol	8.039	162	297426	45.555	ng	100
30) 1,2,4-Trichlorobenzene	8.122	180	323206	42.277	ng	100
31) Naphthalene	8.204	128	985392	42.918	ng	100
32) Benzoic acid	7.957	122	210806	48.250	ng	98
33) 4-Chloroaniline	8.251	127	175202	22.281	ng	99
34) Hexachlorobutadiene	8.322	225	206011	41.252	ng	99
35) Caprolactam	8.628	113	89699m	43.334	ng	
36) 4-Chloro-3-methylphenol	8.733	107	336038	46.484	ng	100
37) 2-Methylnaphthalene	8.892	142	639960	43.456	ng	99
38) 1-Methylnaphthalene	8.992	142	594300	41.813	ng	98
40) 1,2,4,5-Tetrachloroben...	9.057	216	303402	40.227	ng	99
41) Hexachlorocyclopentadiene	9.045	237	309541	107.355	ng	98
43) 2,4,6-Trichlorophenol	9.169	196	228492	45.132	ng	99

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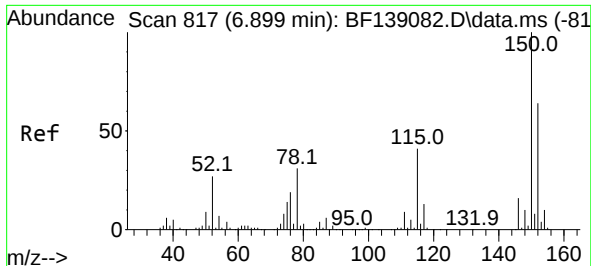
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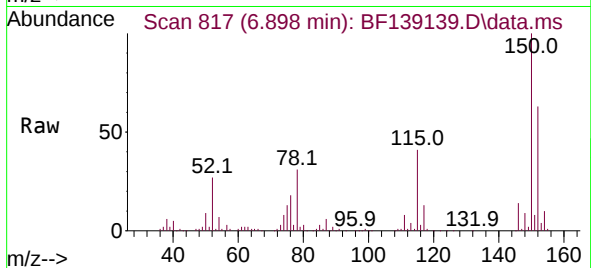
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.222	196	228192	43.911	ng	96
46) 1,1'-Biphenyl	9.363	154	755581	40.252	ng	100
47) 2-Chloronaphthalene	9.386	162	632502	41.469	ng	99
48) 2-Nitroaniline	9.480	65	233813	52.840	ng	99
49) Acenaphthylene	9.804	152	1008861	46.174	ng	100
50) Dimethylphthalate	9.663	163	781211	46.178	ng	100
51) 2,6-Dinitrotoluene	9.722	165	170125	49.935	ng	99
52) Acenaphthene	9.975	154	703326	48.731	ng	100
53) 3-Nitroaniline	9.892	138	125662	37.591	ng	# 97
54) 2,4-Dinitrophenol	9.998	184	182314	104.153	ng	# 49
55) Dibenzofuran	10.145	168	918925	43.835	ng	98
56) 4-Nitrophenol	10.051	139	269929	105.558	ng	96
57) 2,4-Dinitrotoluene	10.127	165	237038	54.828	ng	97
58) Fluorene	10.486	166	728144	43.463	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	206711	49.541	ng	99
60) Diethylphthalate	10.363	149	766996	45.757	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	356221	42.574	ng	100
62) 4-Nitroaniline	10.510	138	165033	47.564	ng	99
63) Azobenzene	10.639	77	829160	44.513	ng	97
65) 4,6-Dinitro-2-methylph...	10.533	198	130069	64.423	ng	94
66) n-Nitrosodiphenylamine	10.604	169	641731	43.205	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	231632	43.547	ng	97
68) Hexachlorobenzene	11.033	284	246139	43.133	ng	99
69) Atrazine	11.127	200	186645	41.145	ng	100
70) Pentachlorophenol	11.227	266	318669	87.421	ng	98
71) Phenanthrene	11.451	178	1107125	43.392	ng	99
72) Anthracene	11.504	178	1101276	44.135	ng	99
73) Carbazole	11.657	167	980134	42.065	ng	99
74) Di-n-butylphthalate	11.986	149	1194517	44.213	ng	100
75) Fluoranthene	12.639	202	1114612	40.929	ng	100
77) Benzidine	12.757	184	52160	9.494	ng	100
78) Pyrene	12.868	202	1103478	49.716	ng	100
80) Butylbenzylphthalate	13.486	149	411636	53.606	ng	98
81) Benzo(a)anthracene	14.057	228	795088	45.476	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	179894	36.810	ng	99
83) Chrysene	14.092	228	720978	45.495	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	520213	51.102	ng	99
85) Di-n-octyl phthalate	14.662	149	704695	49.321	ng	100
87) Indeno(1,2,3-cd)pyrene	17.039	276	766903	58.462	ng	99
88) Benzo(b)fluoranthene	15.109	252	716415	49.027	ng	99
89) Benzo(k)fluoranthene	15.139	252	559380	45.962	ng	99
90) Benzo(a)pyrene	15.480	252	590635	51.153	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	635185	58.986	ng	99
92) Benzo(g,h,i)perylene	17.492	276	605010	49.108	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.898 min Scan# 81
Delta R.T. -0.001 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

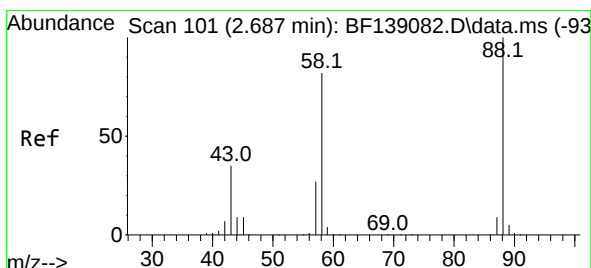
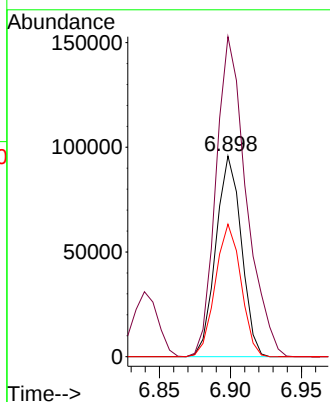
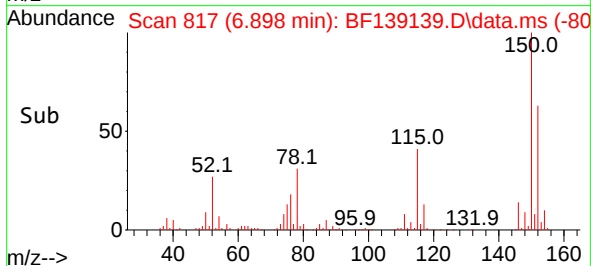
Instrument :
BNA_F
ClientSampleId :
PB162917BS



Tgt Ion:152 Resp: 11970
Ion Ratio Lower Upper
152 100
150 159.5 125.1 187.7
115 66.1 51.8 77.6

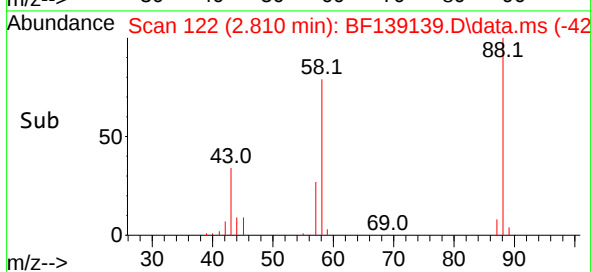
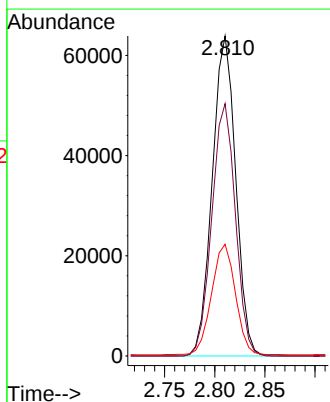
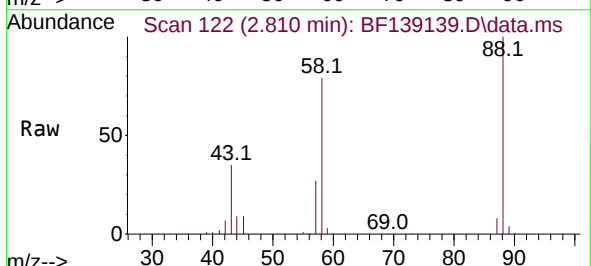
Manual Integrations
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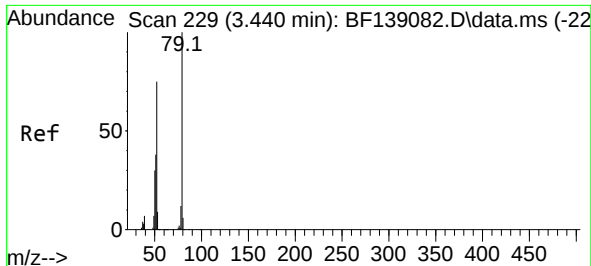
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#2
1,4-Dioxane
Concen: 31.052 ng
RT: 2.810 min Scan# 122
Delta R.T. 0.123 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 88 Resp: 103622
Ion Ratio Lower Upper
88 100
58 79.2 65.4 98.0
43 35.4 27.9 41.9





#3

Pyridine

Concen: 31.991 ng

RT: 3.546 min Scan# 247

Delta R.T. 0.106 min

Lab File: BF139139.D

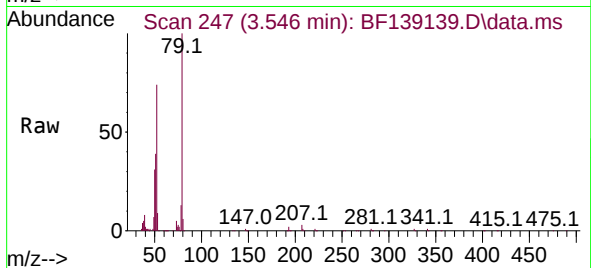
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS



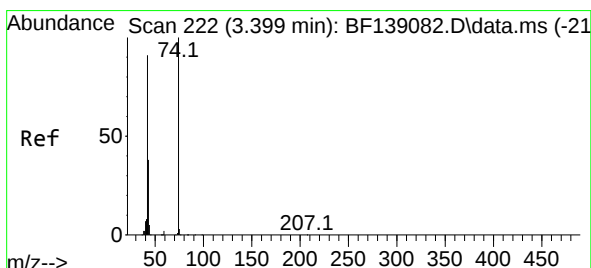
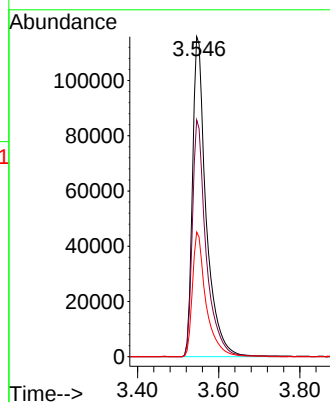
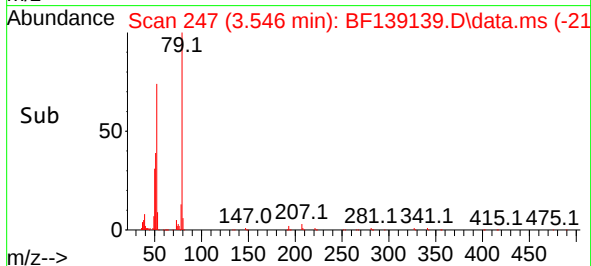
Tgt Ion	Ratio	Lower	Upper
79	100		
52	74.0	59.7	89.5
51	38.9	30.6	45.8

Manual Integrations

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Supervised By :mohammad ahmed 08/24/2024



#4

n-Nitrosodimethylamine

Concen: 42.212 ng

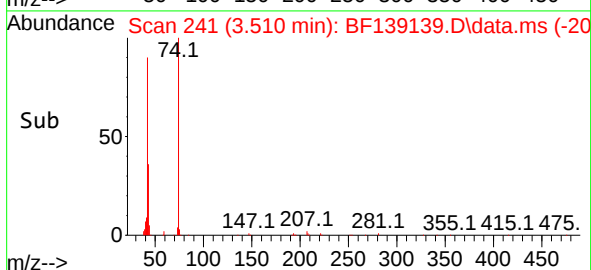
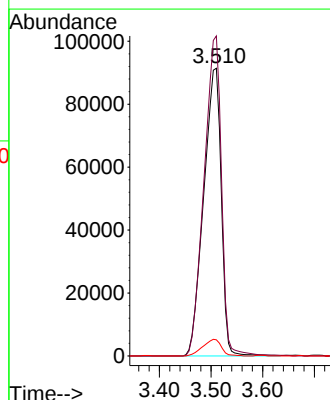
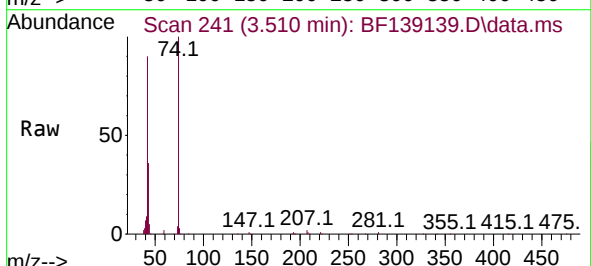
RT: 3.510 min Scan# 241

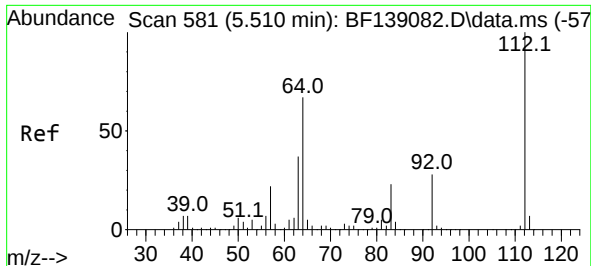
Delta R.T. 0.111 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Tgt Ion	Ratio	Lower	Upper
42	100		
74	111.2	88.2	132.2
44	5.6	5.4	8.0





#5
2-Fluorophenol
Concen: 116.640 ng
RT: 5.534 min Scan# 581
Delta R.T. 0.023 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

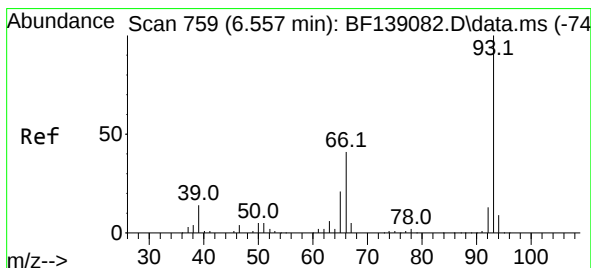
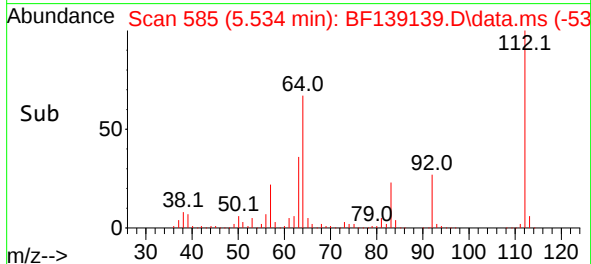
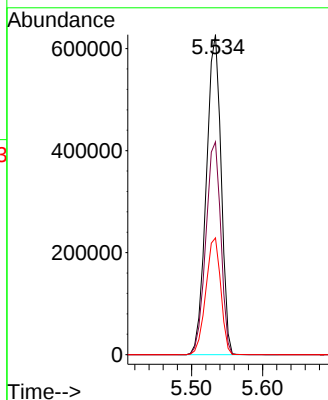
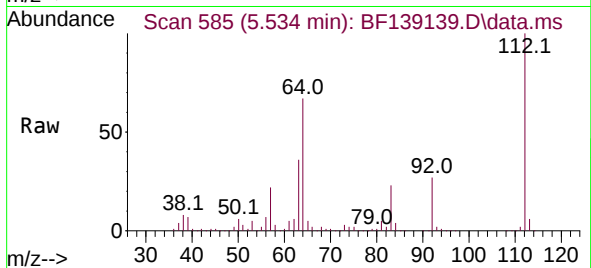
PB162917BS

Tgt Ion:112 Resp: 90749
Ion Ratio Lower Upper
112 100
64 66.5 53.8 80.6
63 36.5 29.4 44.2

Manual Integrations

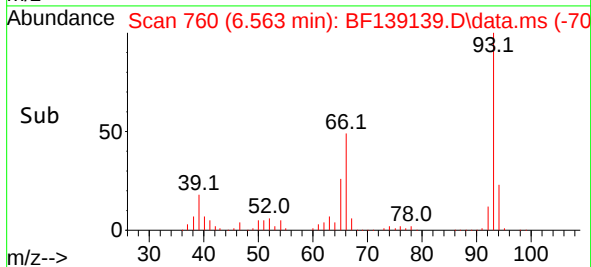
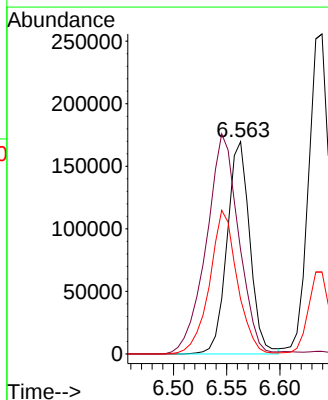
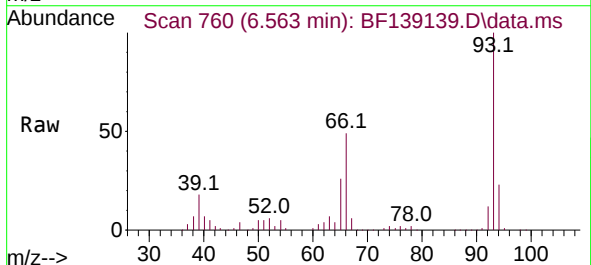
APPROVED

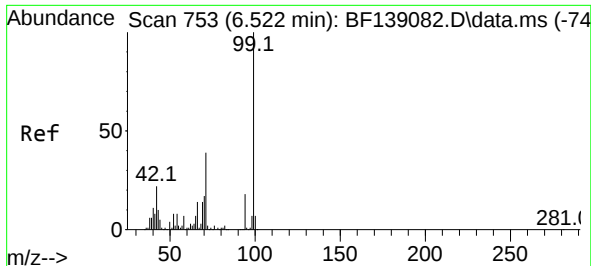
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#6
Aniline
Concen: 27.805 ng
RT: 6.563 min Scan# 760
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 93 Resp: 252339
Ion Ratio Lower Upper
93 100
66 49.0 35.1 52.7
65 25.8 17.4 26.2





#7

Phenol-d6

Concen: 118.141 ng

RT: 6.534 min Scan# 71

Delta R.T. 0.011 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

Tgt Ion: 99 Resp: 118768

Ion Ratio Lower Upper

99 100

42 21.8 17.4 26.2

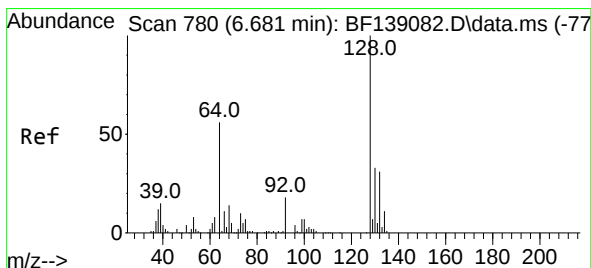
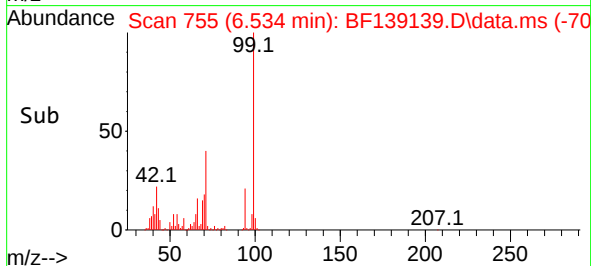
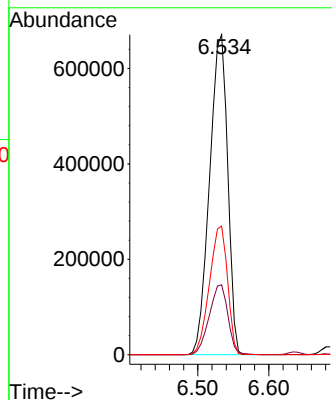
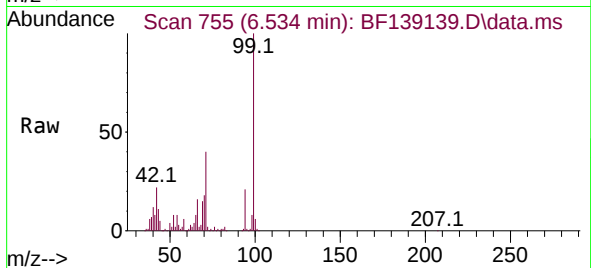
71 40.2 31.2 46.8

Manual Integrations

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Supervised By :mohammad ahmed 08/24/2024



#8

2-Chlorophenol

Concen: 46.224 ng

RT: 6.686 min Scan# 781

Delta R.T. 0.005 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

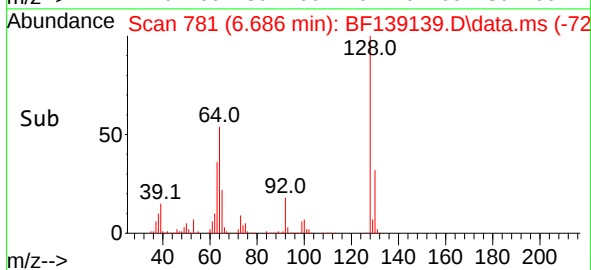
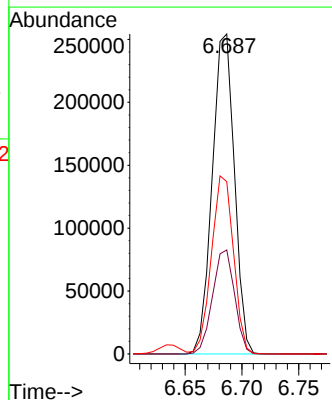
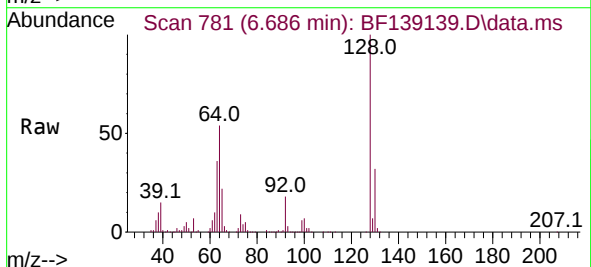
Tgt Ion:128 Resp: 345914

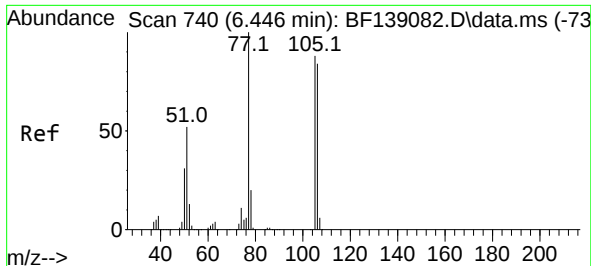
Ion Ratio Lower Upper

128 100

130 32.5 12.6 52.6

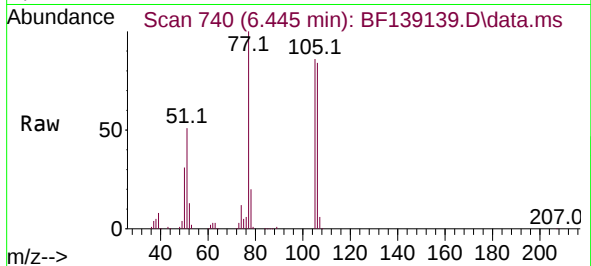
64 53.9 39.1 79.1





#9
Benzaldehyde
Concen: 19.464 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.001 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

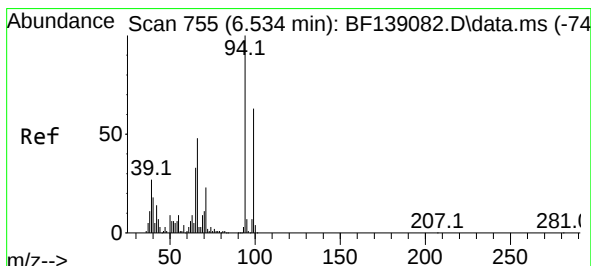
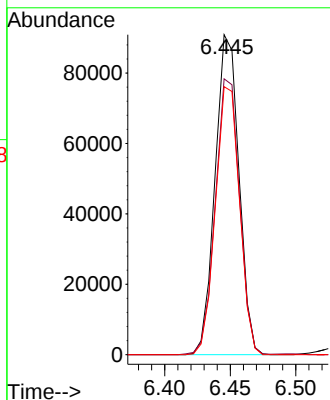
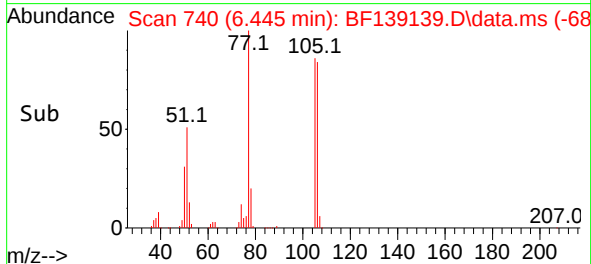
Instrument :
BNA_F
ClientSampleId :
PB162917BS



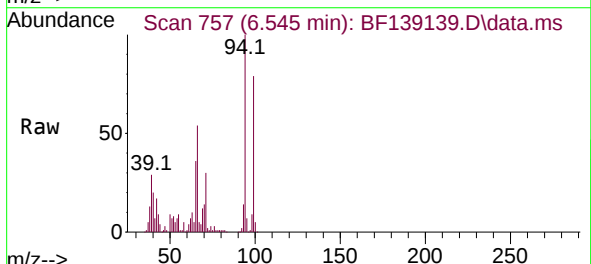
Tgt Ion: 77 Resp: 11476
Ion Ratio Lower Upper
77 100
105 86.2 68.2 108.2
106 83.8 63.8 103.8

Manual Integrations
APPROVED

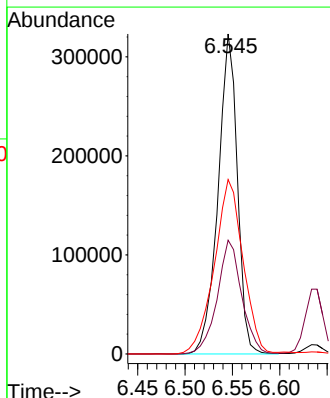
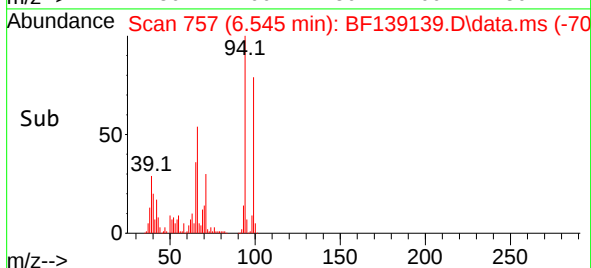
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

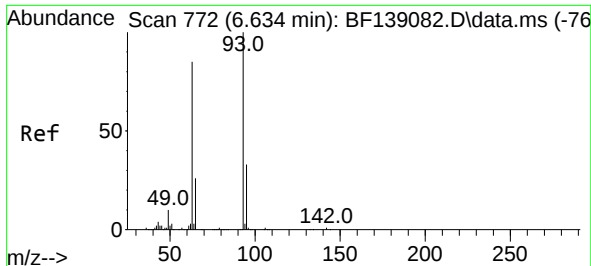


#10
Phenol
Concen: 43.915 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion: 94 Resp: 459358
Ion Ratio Lower Upper
94 100
65 35.5 13.5 53.5
66 54.5 28.5 68.5





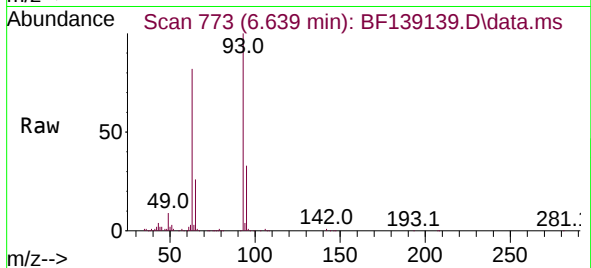
#11
bis(2-Chloroethyl)ether
Concen: 40.975 ng
RT: 6.639 min Scan# 772
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

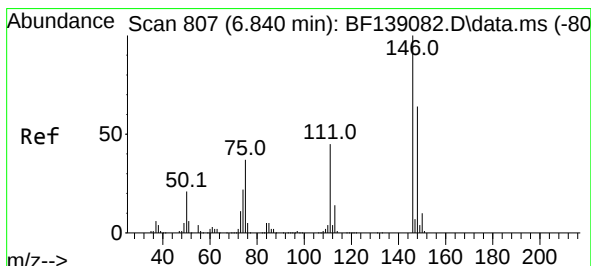
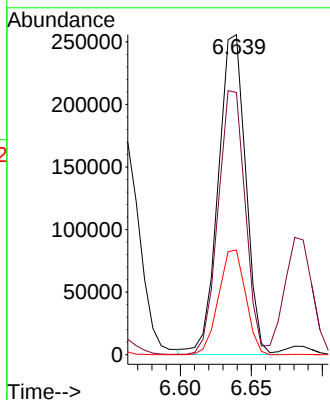
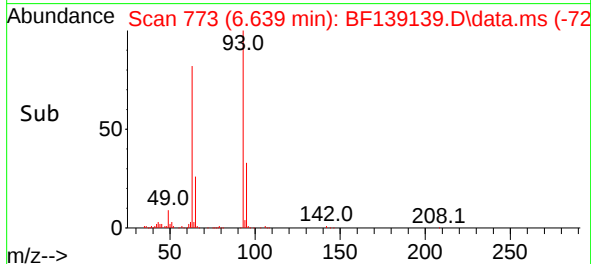
PB162917BS



Tgt Ion: 93 Resp: 34468
Ion Ratio Lower Upper
93 100
63 81.9 62.7 102.7
95 32.7 11.9 51.9

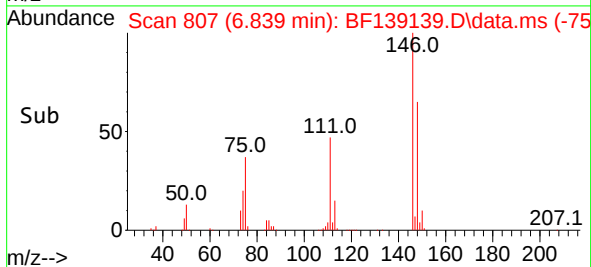
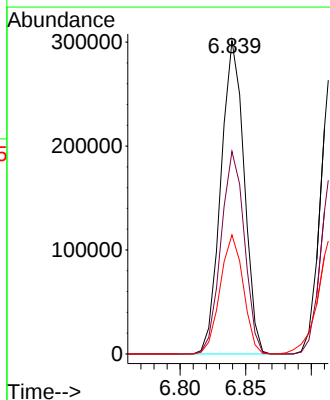
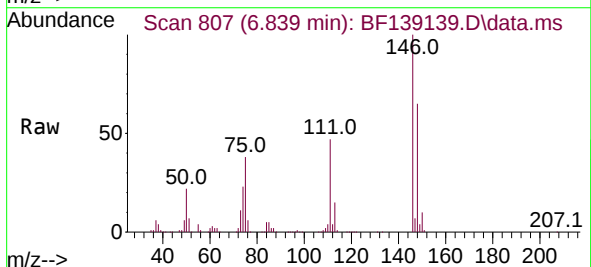
Manual Integrations
APPROVED

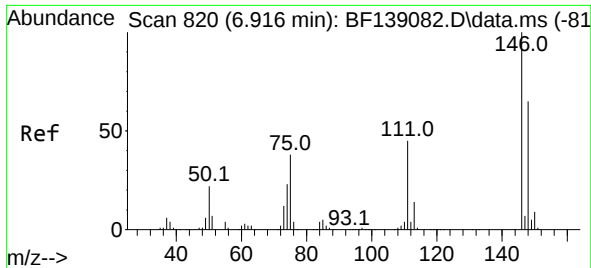
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#12
1,3-Dichlorobenzene
Concen: 41.298 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:146 Resp: 371577
Ion Ratio Lower Upper
146 100
148 64.7 51.2 76.8
75 38.0 29.9 44.9





#13
1,4-Dichlorobenzene
Concen: 41.923 ng
RT: 6.916 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

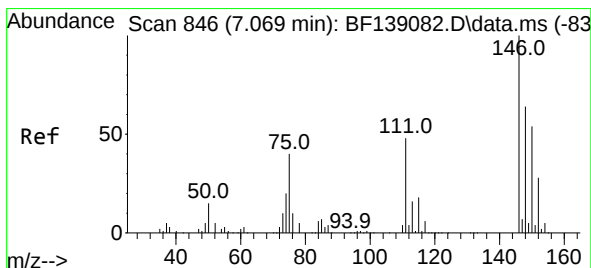
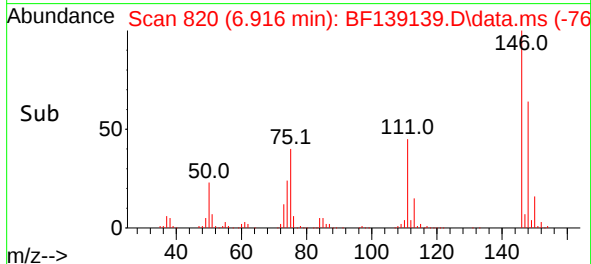
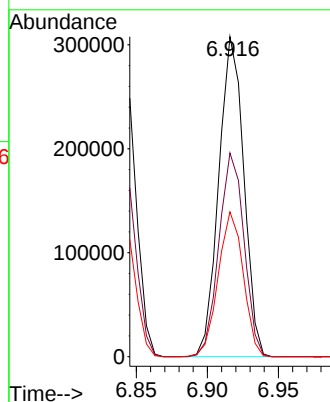
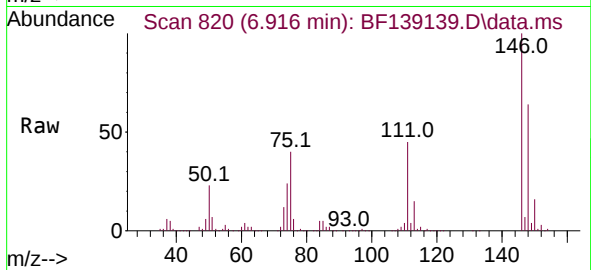
ClientSampleId :

PB162917BS

Tgt Ion:146 Resp: 37714
Ion Ratio Lower Upper
146 100
148 63.7 51.9 77.9
111 45.2 35.8 53.6

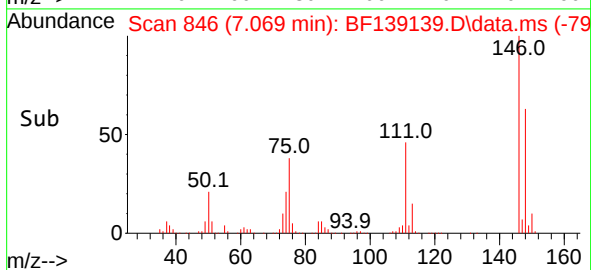
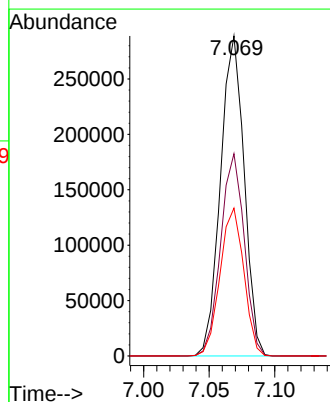
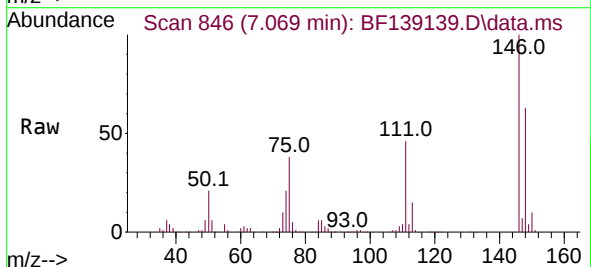
Manual Integrations
APPROVED

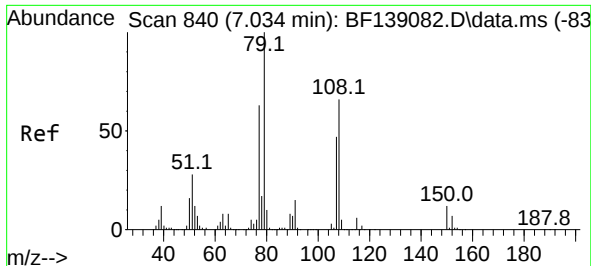
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#14
1,2-Dichlorobenzene
Concen: 44.090 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

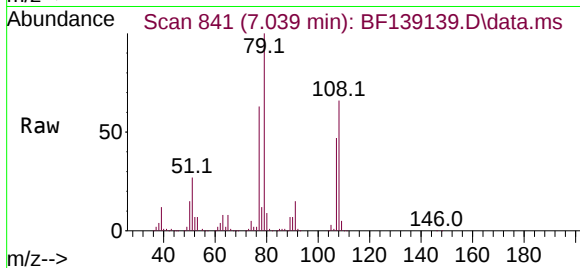
Tgt Ion:146 Resp: 362495
Ion Ratio Lower Upper
146 100
148 63.2 51.4 77.2
111 46.2 38.1 57.1





#15
Benzyl Alcohol
Concen: 45.738 ng
RT: 7.039 min Scan# 840
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

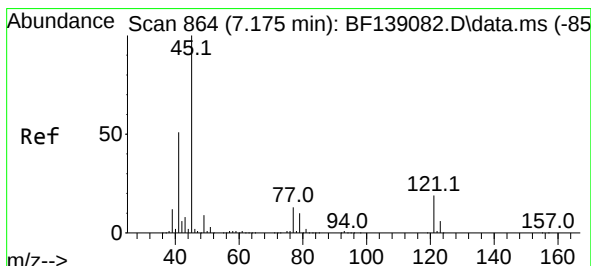
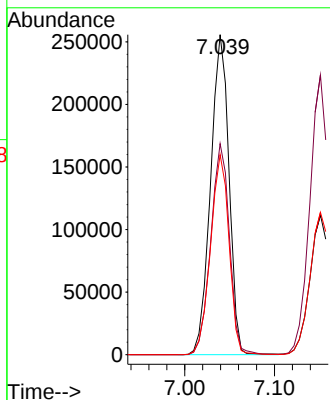
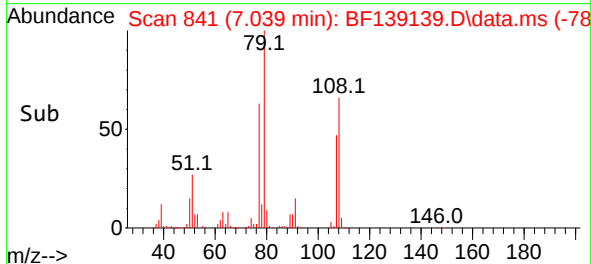
Instrument :
BNA_F
ClientSampleId :
PB162917BS



Tgt Ion: 79 Resp: 363415
Ion Ratio Lower Upper
79 100
108 65.9 52.8 79.2
77 62.5 50.6 76.0

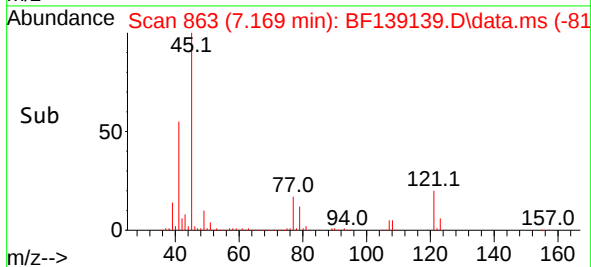
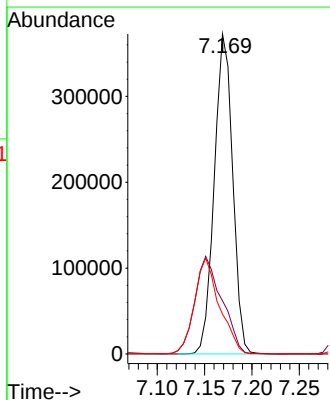
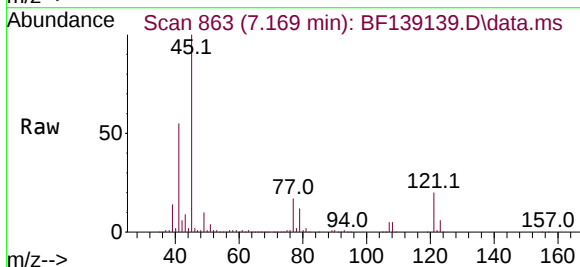
Manual Integrations
APPROVED

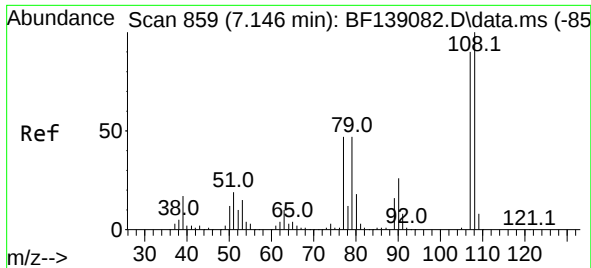
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.581 ng
RT: 7.169 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 45 Resp: 504568
Ion Ratio Lower Upper
45 100
77 16.6 0.0 33.7
79 12.4 0.0 30.4





#17
2-Methylphenol
Concen: 44.647 ng
RT: 7.151 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

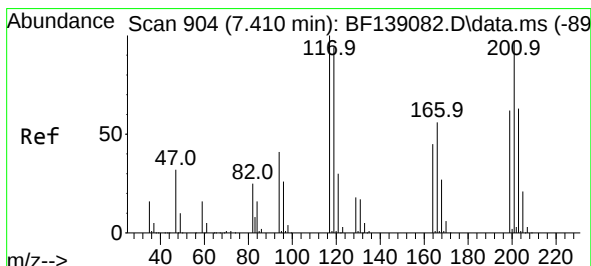
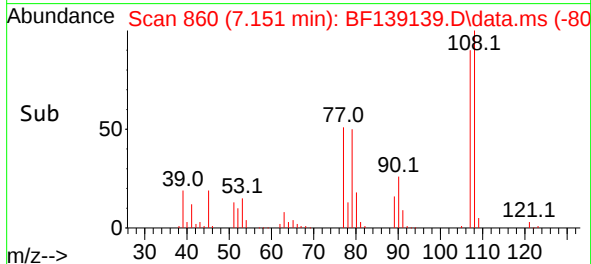
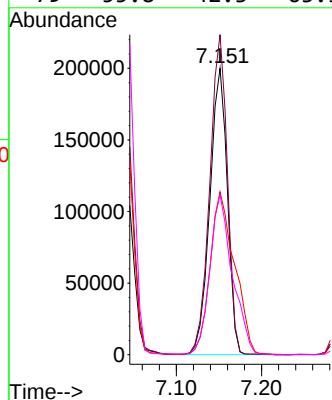
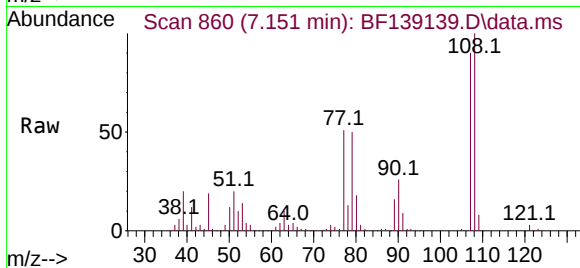
PB162917BS

Tgt Ion:107 Resp: 285834
Ion Ratio Lower Upper
107 100
108 111.7 89.1 133.7
77 56.9 42.1 63.1
79 55.8 42.3 63.5

Manual Integrations

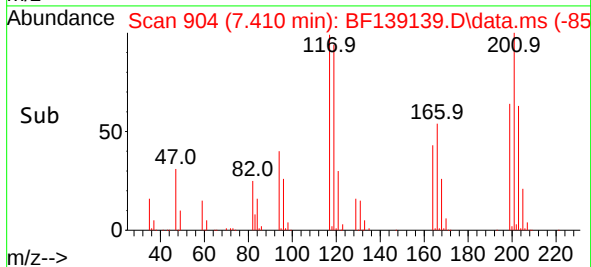
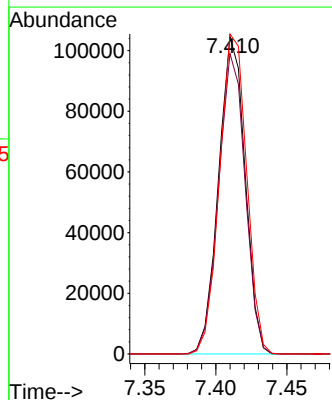
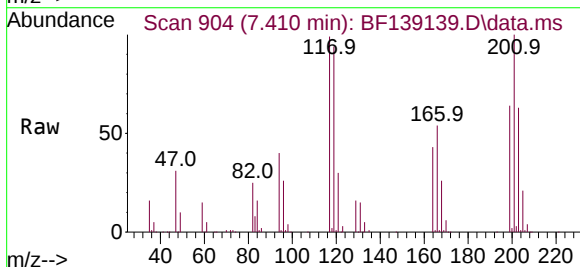
APPROVED

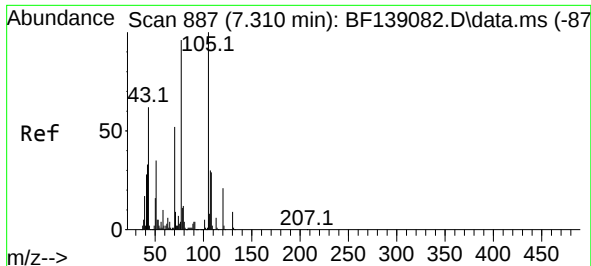
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#18
Hexachloroethane
Concen: 42.996 ng
RT: 7.410 min Scan# 904
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:117 Resp: 135634
Ion Ratio Lower Upper
117 100
119 94.7 75.5 113.3
201 100.8 77.8 116.8





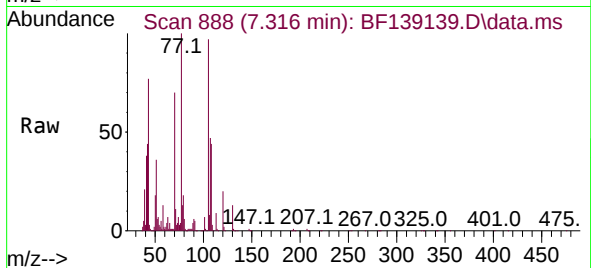
#19
n-Nitroso-di-n-propylamine
Concen: 43.126 ng
RT: 7.316 min Scan# 887
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

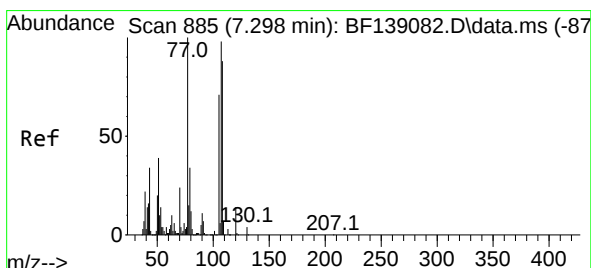
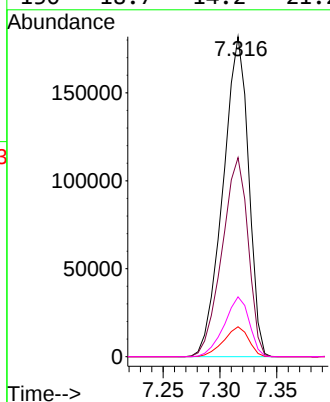
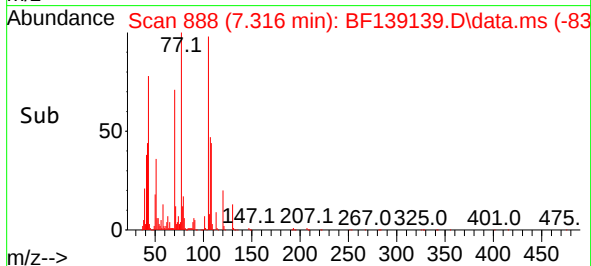


Tgt Ion: 70 Resp: 284710
Ion Ratio Lower Upper
70 100
42 62.2 50.5 75.7
101 9.3 7.2 10.8
130 18.7 14.2 21.2

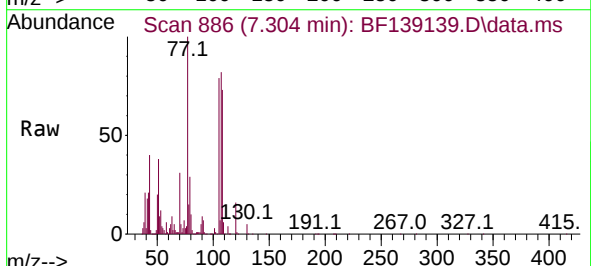
Manual Integrations

APPROVED

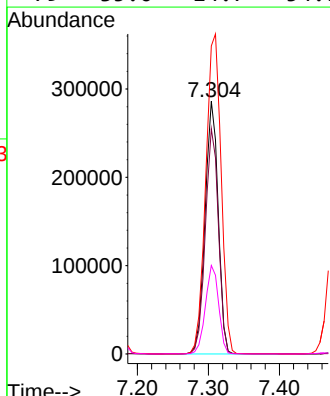
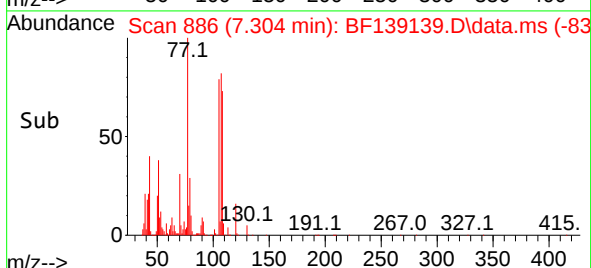
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

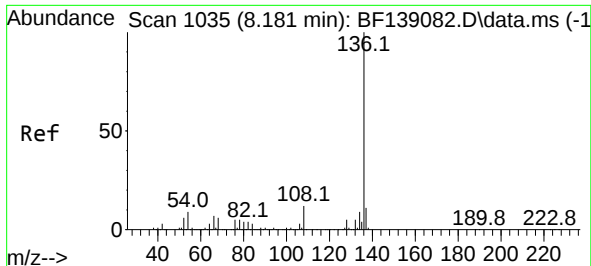


#20
3+4-Methylphenols
Concen: 44.481 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:107 Resp: 368961
Ion Ratio Lower Upper
107 100
108 89.1 70.2 110.2
77 121.9 82.7 122.7
79 35.0 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

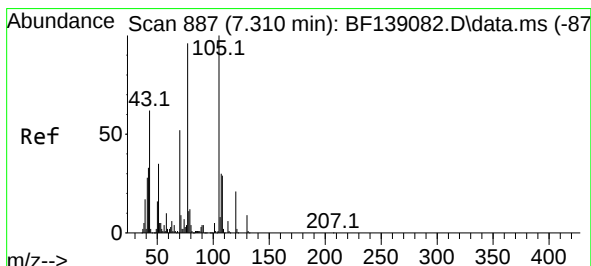
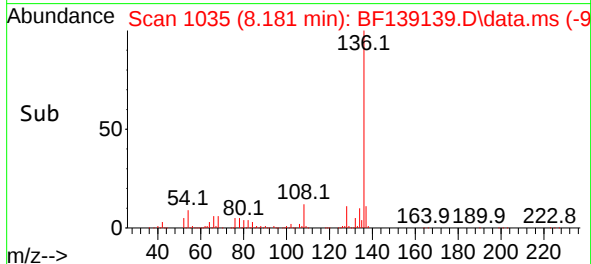
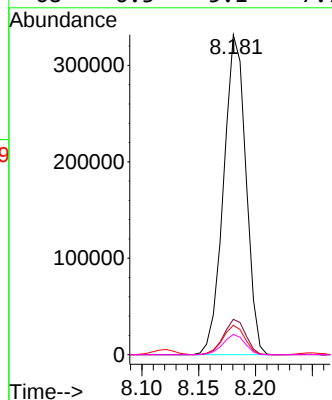
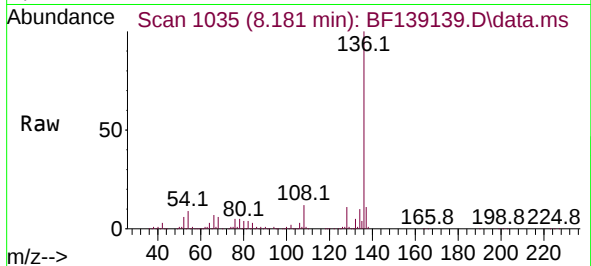
ClientSampleId :

PB162917BS

Tgt Ion:136 Resp: 45307
Ion Ratio Lower Upper
136 100
137 11.0 8.7 13.1
54 9.2 7.6 11.4
68 6.3 5.1 7.7

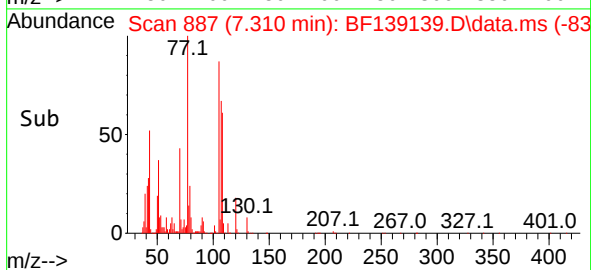
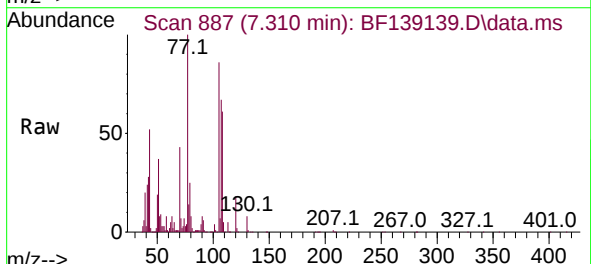
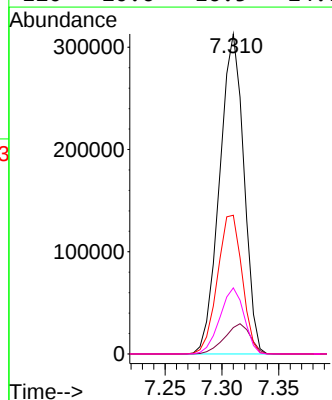
Manual Integrations
APPROVED

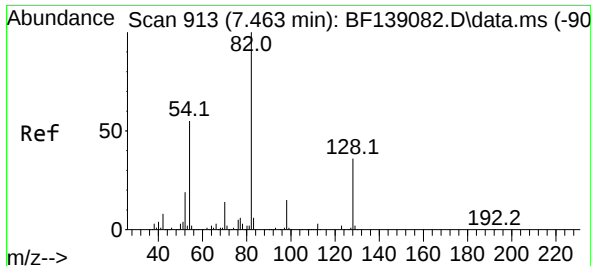
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#22
Acetophenone
Concen: 40.260 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:105 Resp: 465748
Ion Ratio Lower Upper
105 100
71 8.3 7.0 10.6
51 43.4 28.0 42.0#
120 20.6 16.5 24.7





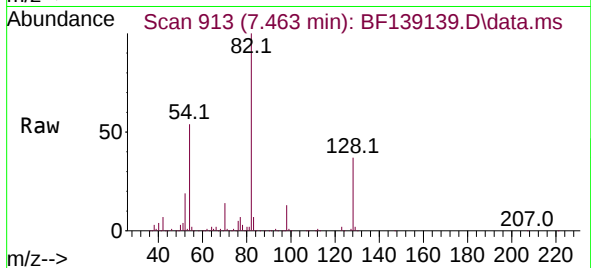
#23
Nitrobenzene-d5
Concen: 101.630 ng
RT: 7.463 min Scan# 913
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

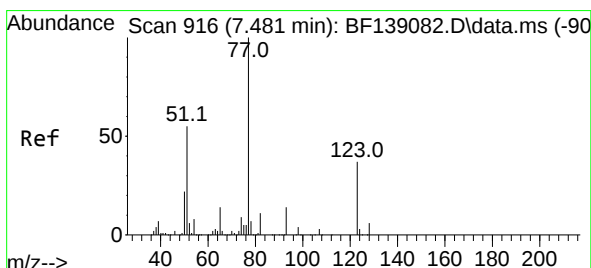
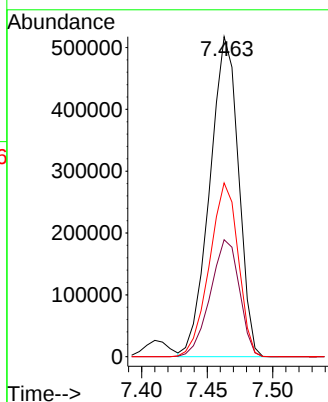
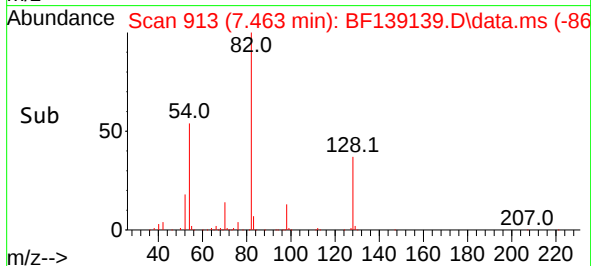


Tgt Ion: 82 Resp: 790219
Ion Ratio Lower Upper
82 100
128 36.6 29.0 43.4
54 54.3 43.4 65.2

Manual Integrations

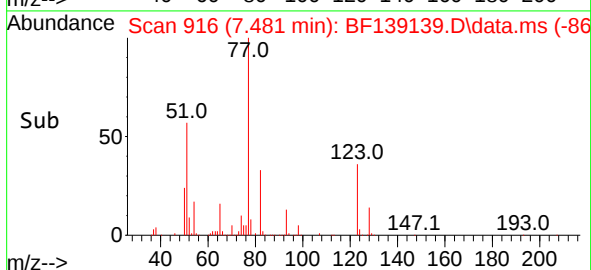
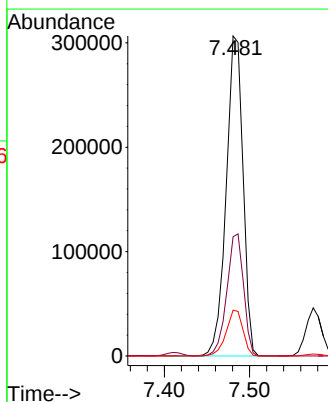
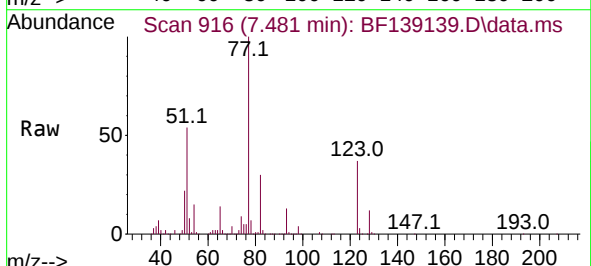
APPROVED

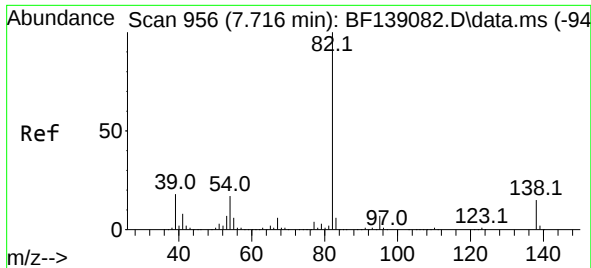
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#24
Nitrobenzene
Concen: 48.703 ng
RT: 7.481 min Scan# 916
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion: 77 Resp: 420921
Ion Ratio Lower Upper
77 100
123 37.2 30.3 45.5
65 14.3 11.3 16.9





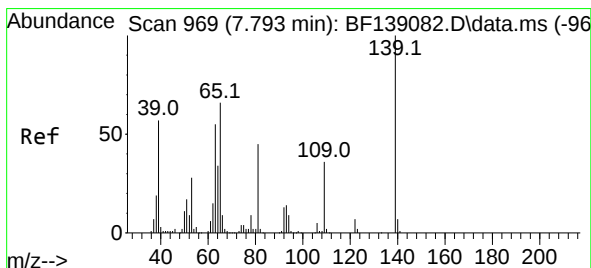
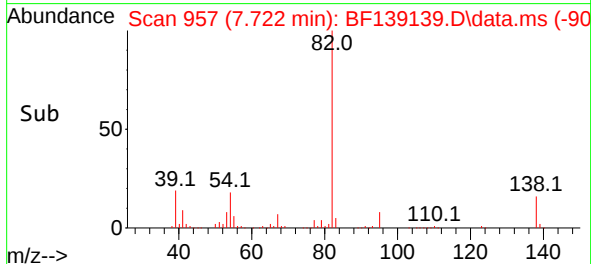
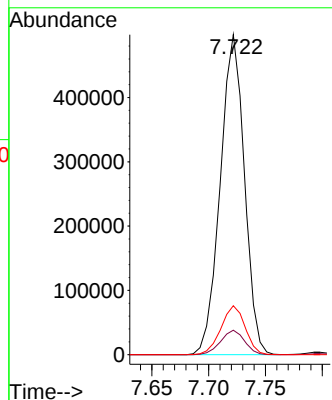
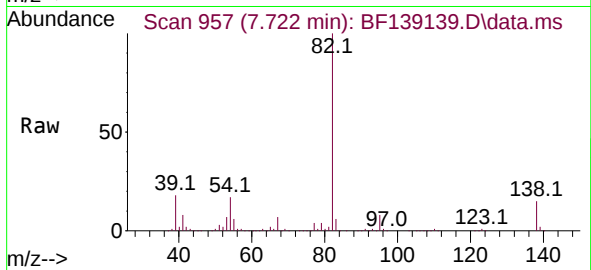
#25
Isophorone
Concen: 44.602 ng
RT: 7.722 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :
BNA_F
ClientSampleId :
PB162917BS

Tgt Ion: 82 Resp: 737114
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 15.3 11.8 17.8

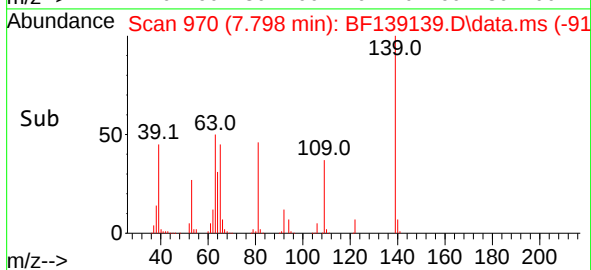
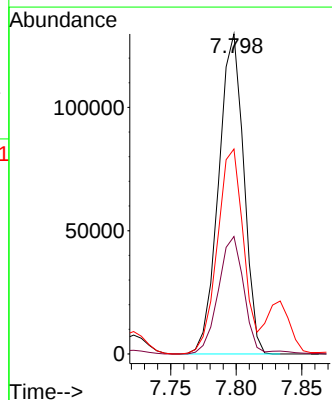
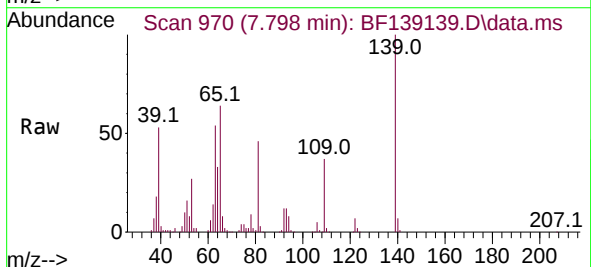
Manual Integrations
APPROVED

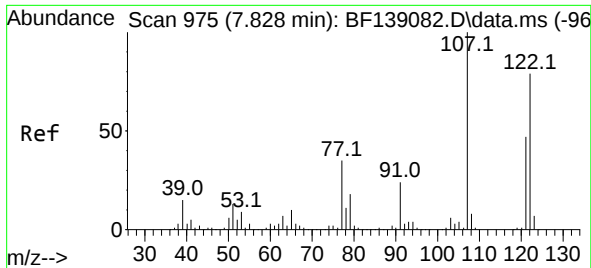
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#26
2-Nitrophenol
Concen: 56.288 ng
RT: 7.798 min Scan# 970
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:139 Resp: 172937
Ion Ratio Lower Upper
139 100
109 36.7 29.2 43.8
65 64.1 52.7 79.1





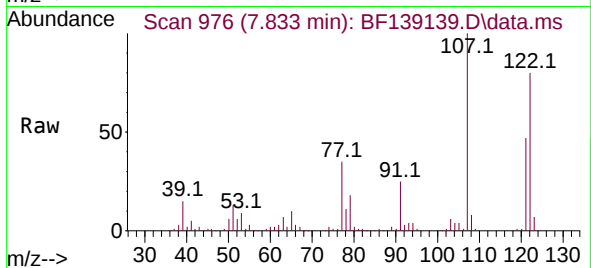
#27
2,4-Dimethylphenol
Concen: 47.588 ng
RT: 7.833 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

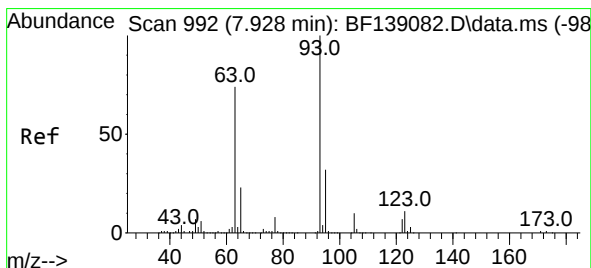
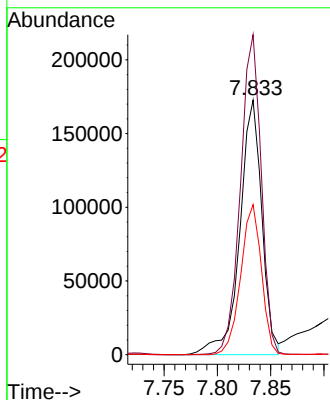
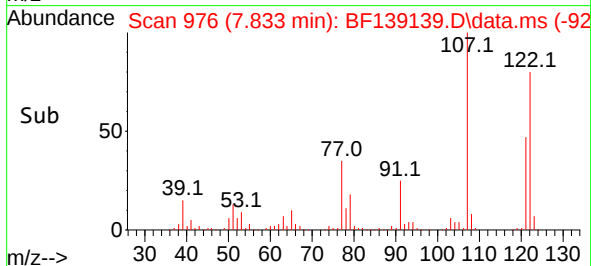


Tgt Ion:122 Resp: 24939
Ion Ratio Lower Upper
122 100
107 125.7 101.1 151.7
121 58.9 47.5 71.3

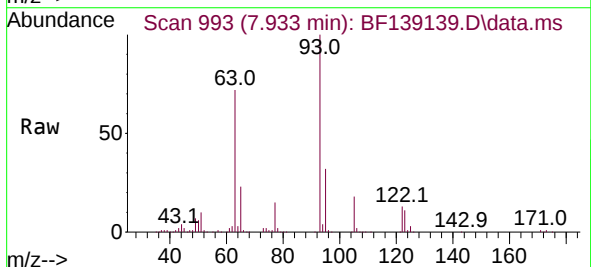
Manual Integrations

APPROVED

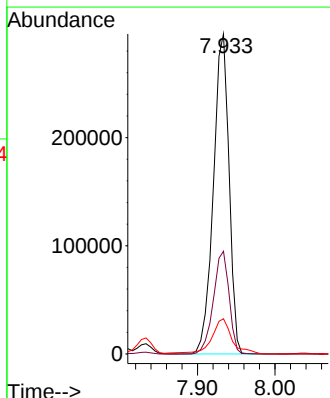
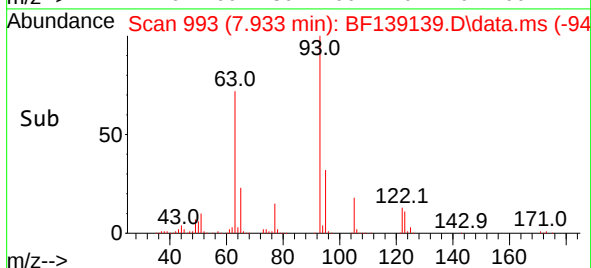
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

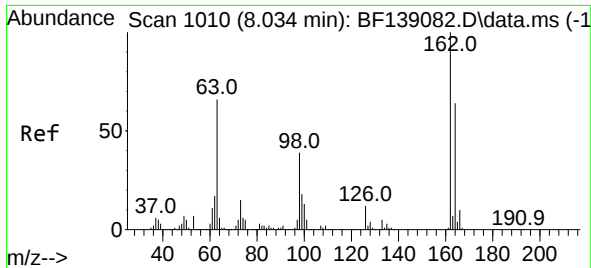


#28
bis(2-Chloroethoxy)methane
Concen: 42.875 ng
RT: 7.933 min Scan# 993
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion: 93 Resp: 414020
Ion Ratio Lower Upper
93 100
95 32.1 25.8 38.8
123 11.0 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 45.555 ng
RT: 8.039 min Scan# 1011
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

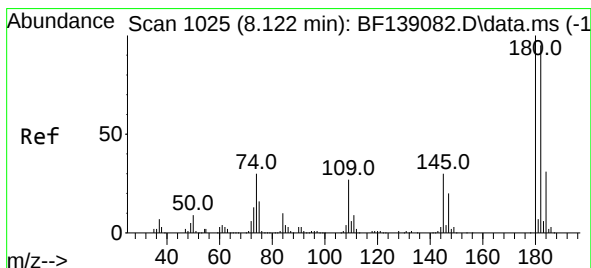
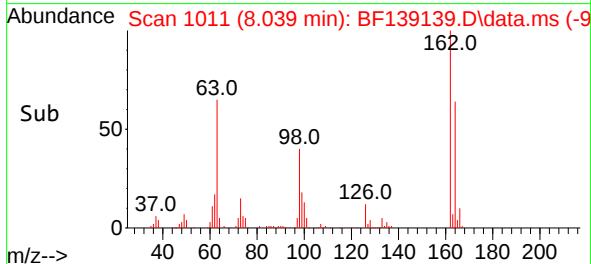
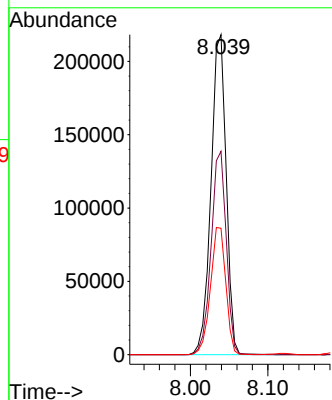
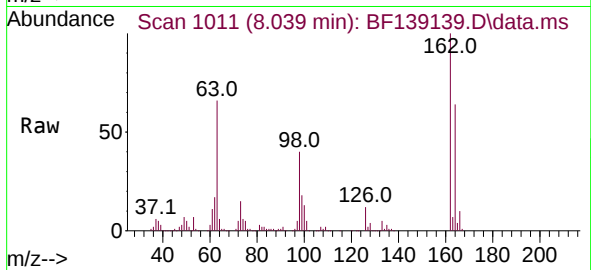
ClientSampleId :

PB162917BS

Tgt Ion:162 Resp: 297420
Ion Ratio Lower Upper
162 100
164 63.5 43.9 83.9
98 39.5 19.7 59.7

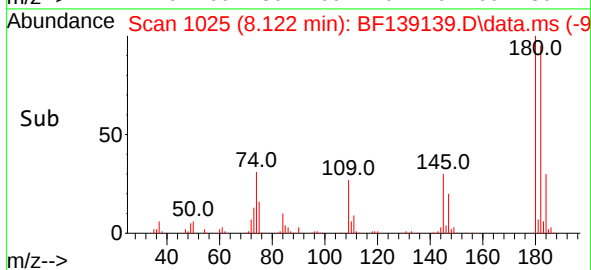
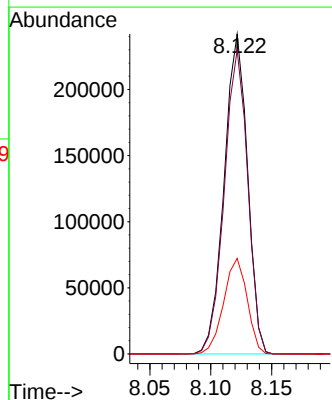
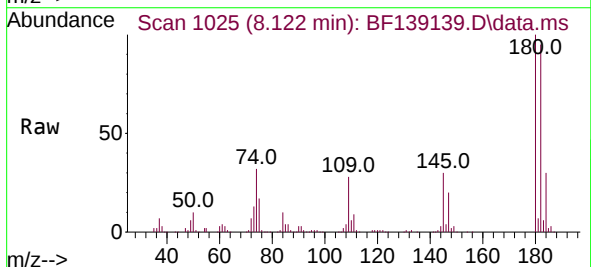
Manual Integrations
APPROVED

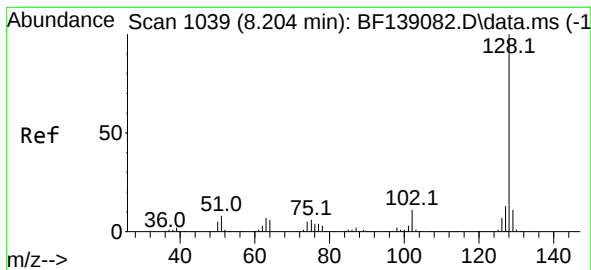
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#30
1,2,4-Trichlorobenzene
Concen: 42.277 ng
RT: 8.122 min Scan# 1025
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:180 Resp: 323206
Ion Ratio Lower Upper
180 100
182 95.0 76.1 114.1
145 29.9 23.9 35.9





#31
Naphthalene
Concen: 42.918 ng
RT: 8.204 min Scan# 1039
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

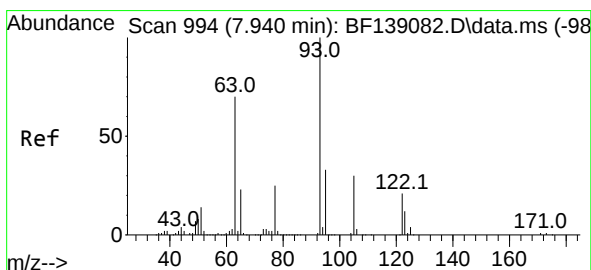
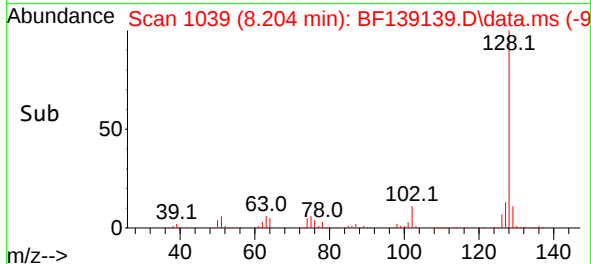
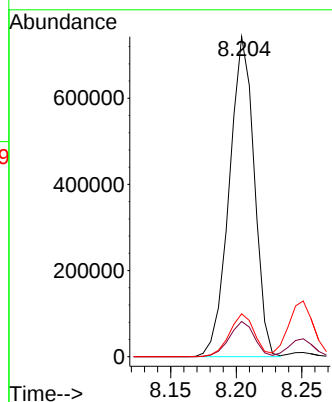
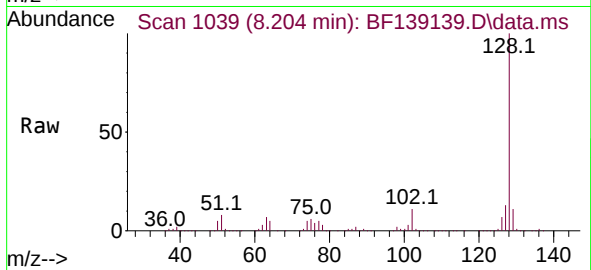
PB162917BS

Tgt Ion:128 Resp: 985392
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.7 16.1

Manual Integrations

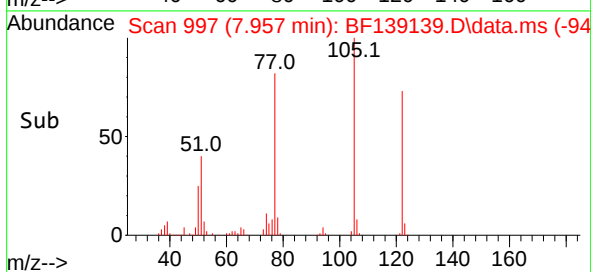
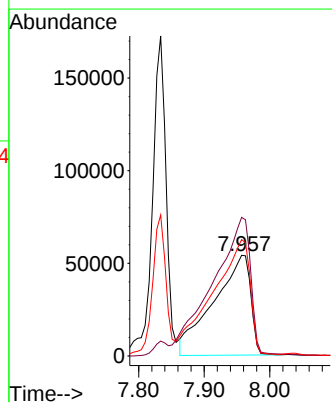
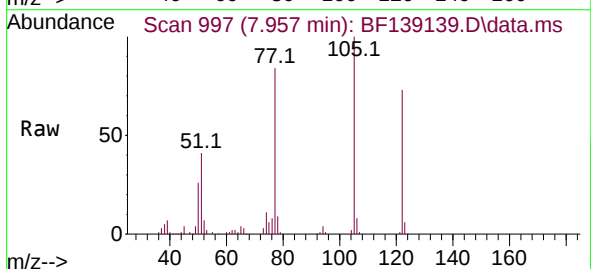
APPROVED

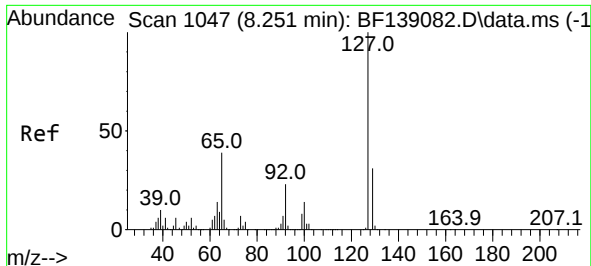
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#32
Benzoic acid
Concen: 48.250 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.017 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:122 Resp: 210806
Ion Ratio Lower Upper
122 100
105 137.8 119.6 159.6
77 115.7 97.6 137.6





#33
4-Chloroaniline
Concen: 22.281 ng
RT: 8.251 min Scan# 1047
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

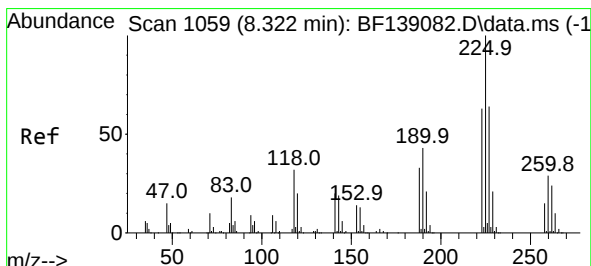
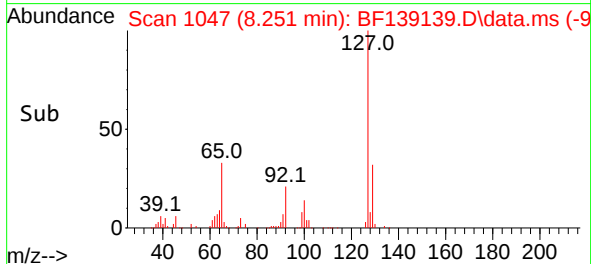
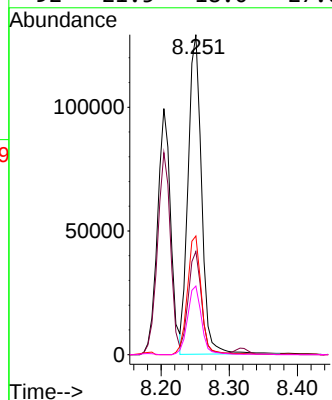
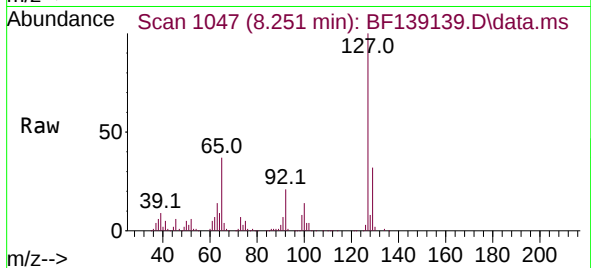
PB162917BS

Tgt Ion:127 Resp: 17520
Ion Ratio Lower Upper
127 100
129 32.3 26.0 39.0
65 37.1 30.3 45.5
92 21.5 18.0 27.0

Manual Integrations

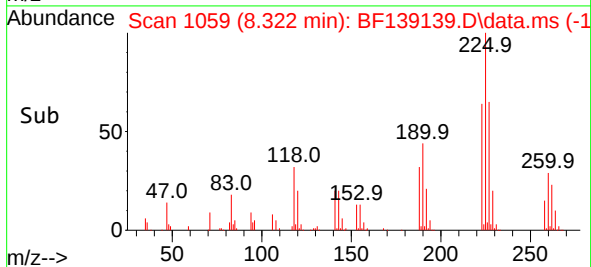
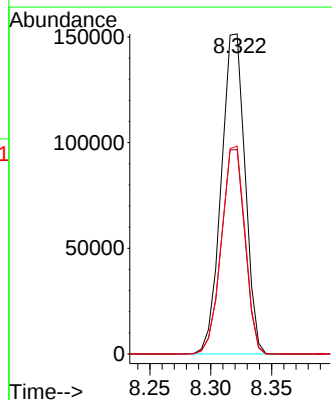
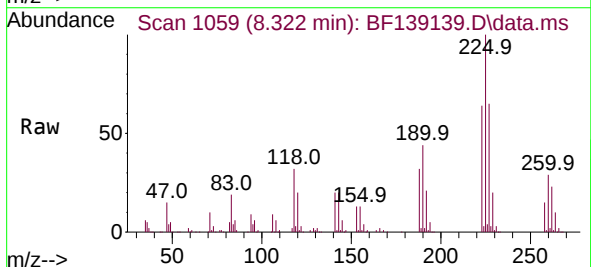
APPROVED

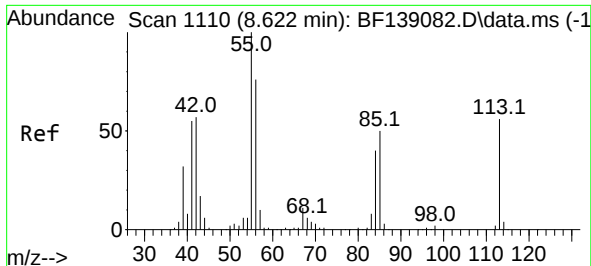
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#34
Hexachlorobutadiene
Concen: 41.252 ng
RT: 8.322 min Scan# 1059
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:225 Resp: 206011
Ion Ratio Lower Upper
225 100
223 63.8 50.0 75.0
227 65.0 51.4 77.2





#35
Caprolactam
Concen: 43.334 ng m
RT: 8.628 min Scan# 1110
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

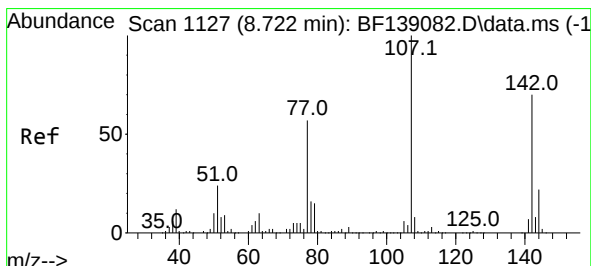
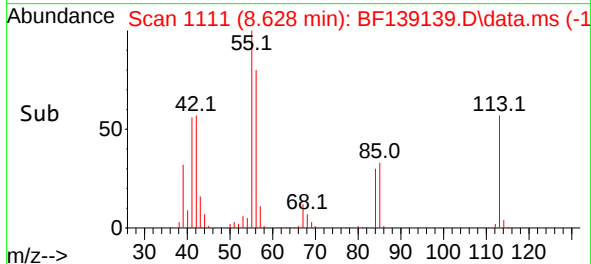
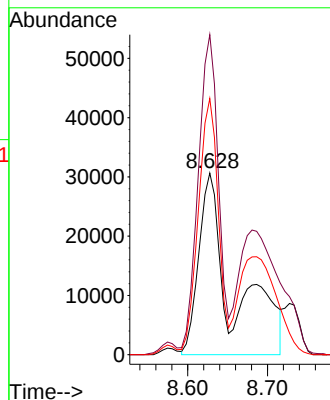
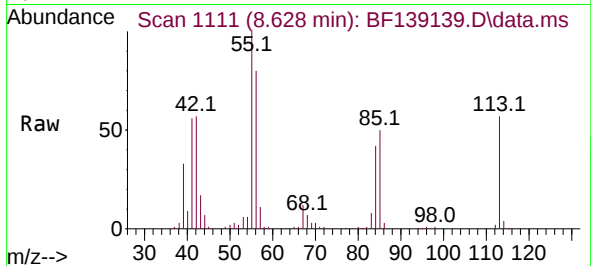
PB162917BS

Tgt Ion:113 Resp: 89698
Ion Ratio Lower Upper
113 100
55 176.2 158.6 198.6
56 141.1 115.9 155.9

Manual Integrations

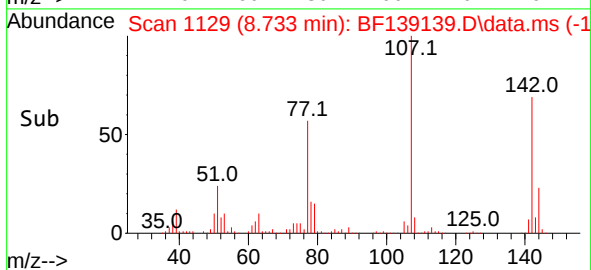
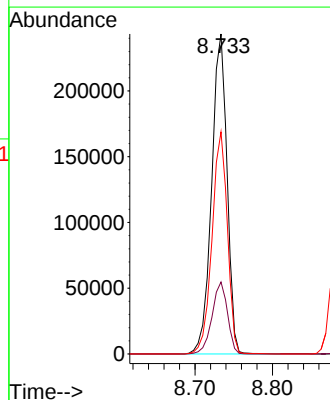
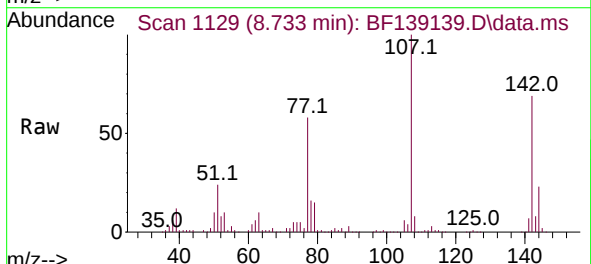
APPROVED

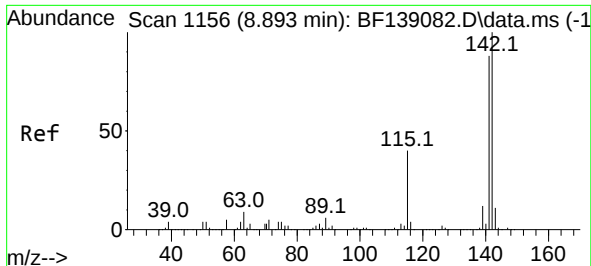
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#36
4-Chloro-3-methylphenol
Concen: 46.484 ng
RT: 8.733 min Scan# 1129
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:107 Resp: 336038
Ion Ratio Lower Upper
107 100
144 22.5 17.7 26.5
142 69.4 55.6 83.4





#37
2-Methylnaphthalene
Concen: 43.456 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

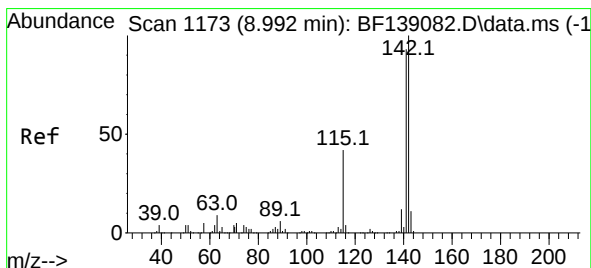
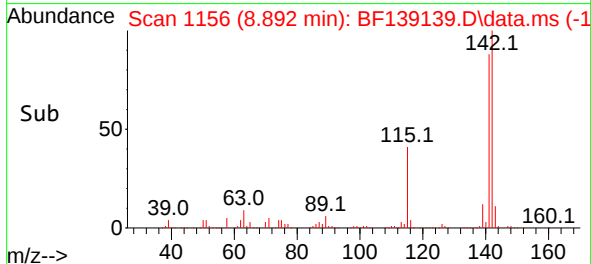
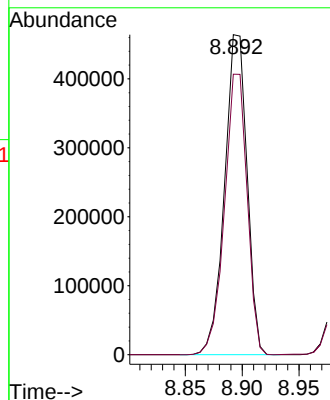
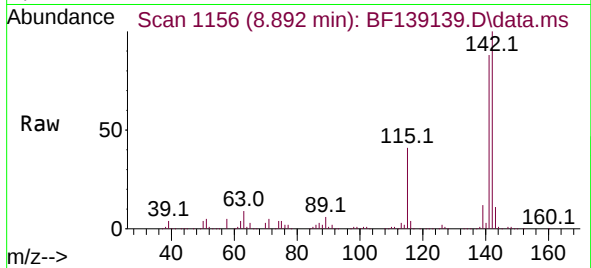
ClientSampleId :

PB162917BS

Tgt Ion:142 Resp: 639960
Ion Ratio Lower Upper
142 100
141 87.6 70.6 105.8

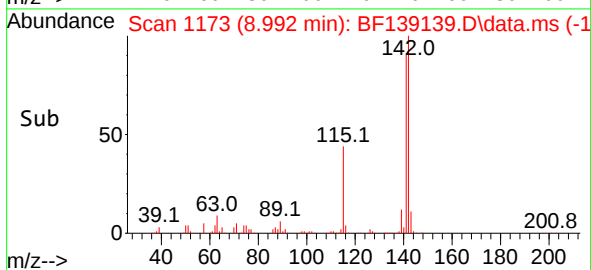
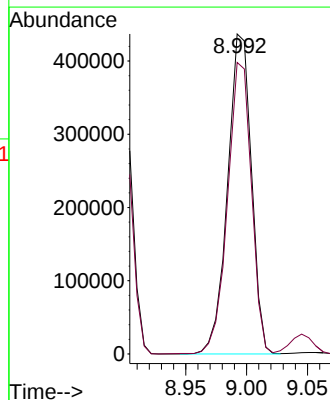
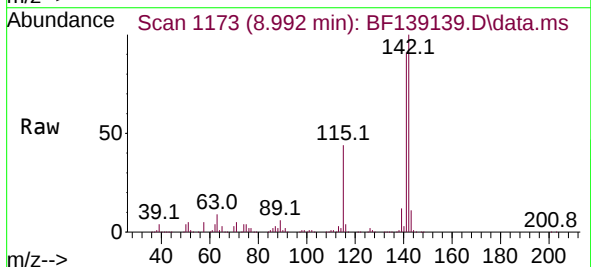
Manual Integrations
APPROVED

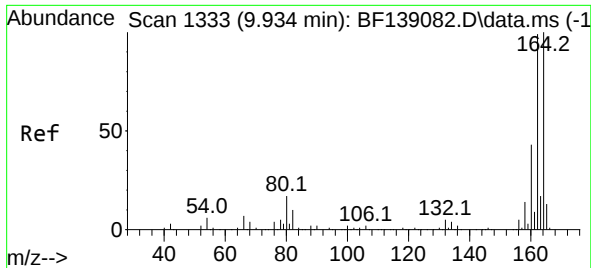
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#38
1-Methylnaphthalene
Concen: 41.813 ng
RT: 8.992 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:142 Resp: 594300
Ion Ratio Lower Upper
142 100
141 91.1 74.1 111.1





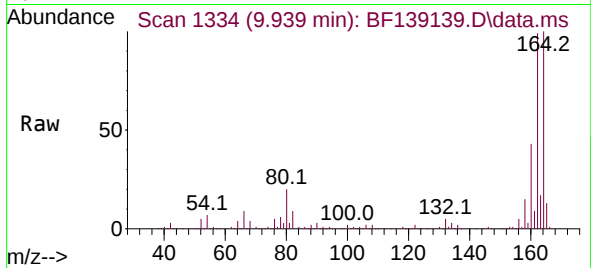
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1184
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS



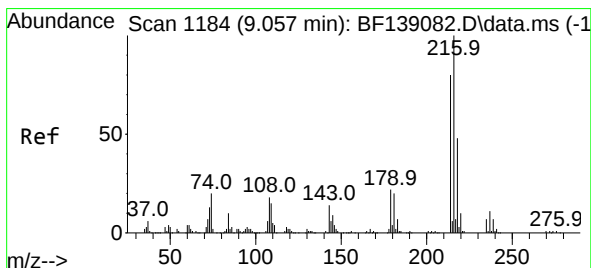
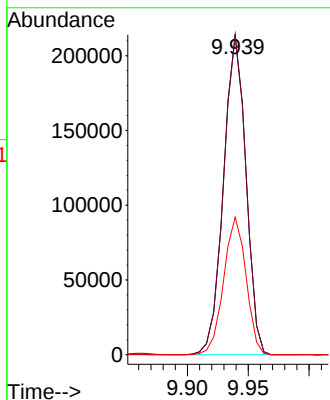
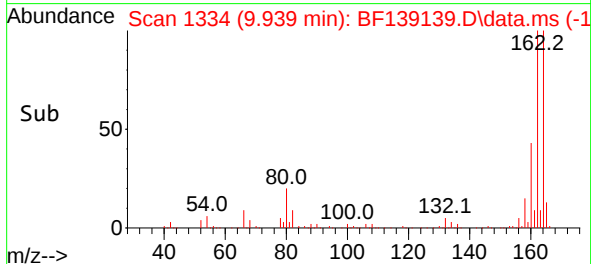
Tgt Ion:164 Resp: 27402
Ion Ratio Lower Upper
164 100
162 99.4 79.5 119.3
160 42.9 34.5 51.7

Manual Integrations

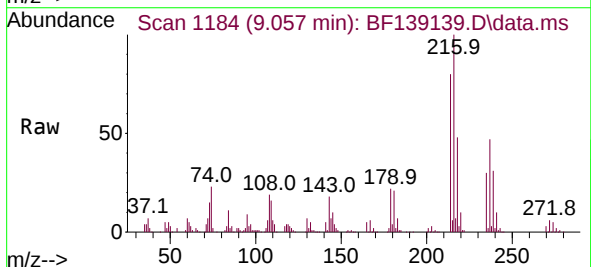
APPROVED

Reviewed By :Yogesh Patel 08/24/2024

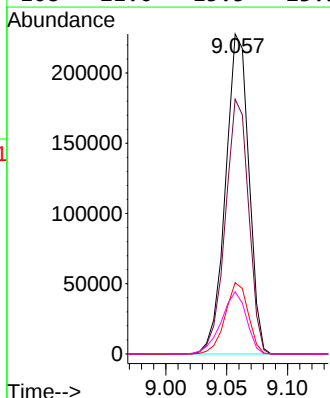
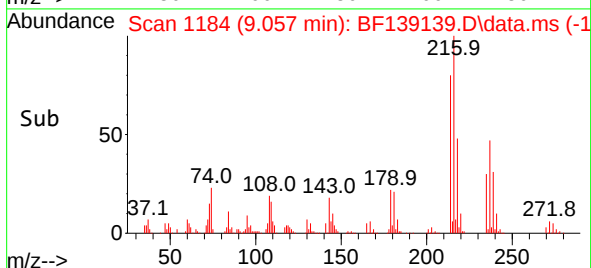
Supervised By :mohammad ahmed 08/24/2024

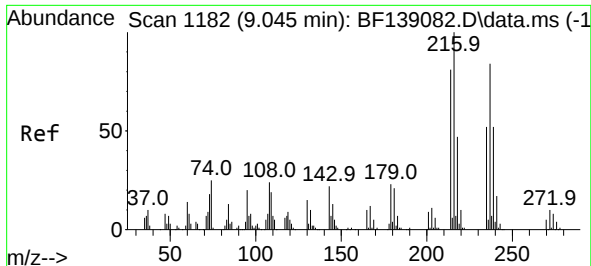


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.227 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:216 Resp: 303402
Ion Ratio Lower Upper
216 100
214 79.3 64.2 96.2
179 22.0 17.4 26.2
108 21.0 15.5 23.3





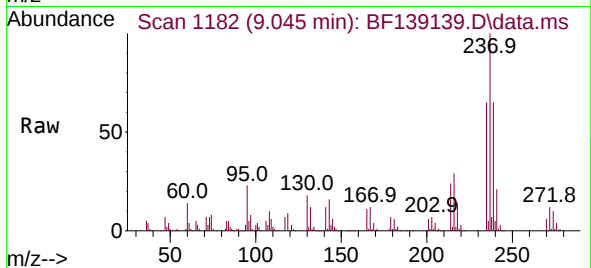
#41
Hexachlorocyclopentadiene
Concen: 107.355 ng
RT: 9.045 min Scan# 1182
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

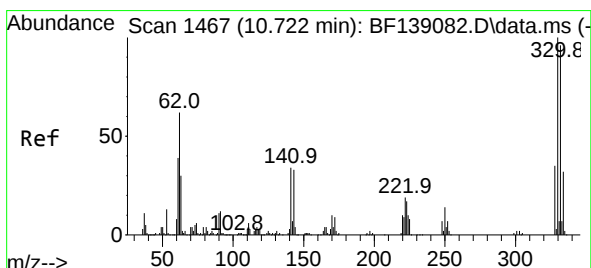
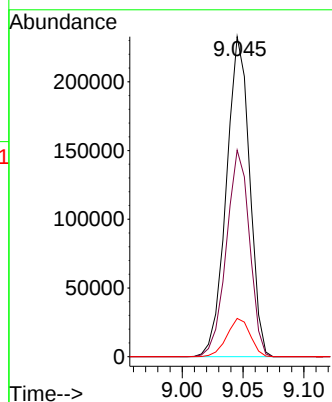
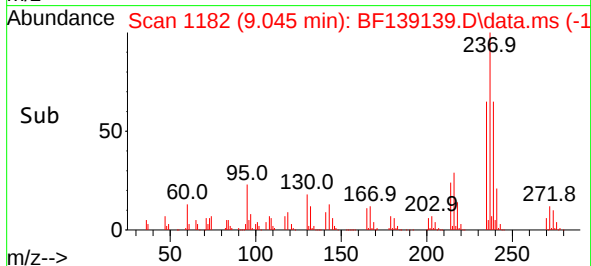


Tgt Ion:237 Resp: 30954
Ion Ratio Lower Upper
237 100
235 64.5 42.5 82.5
272 12.0 0.0 32.0

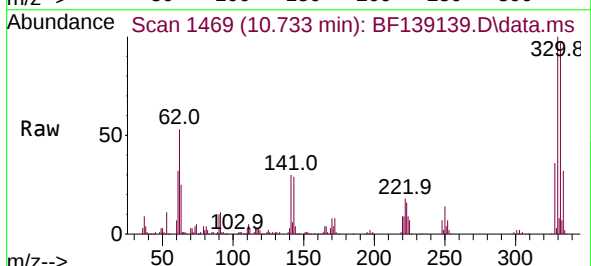
Manual Integrations

APPROVED

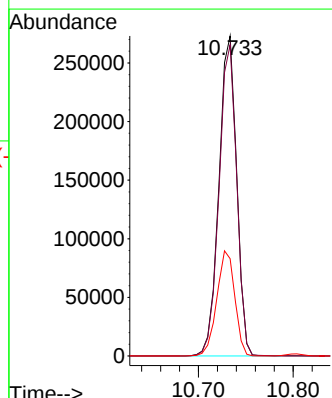
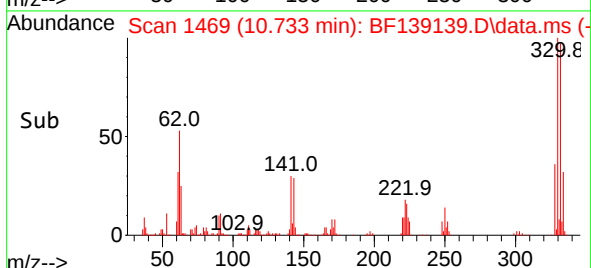
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

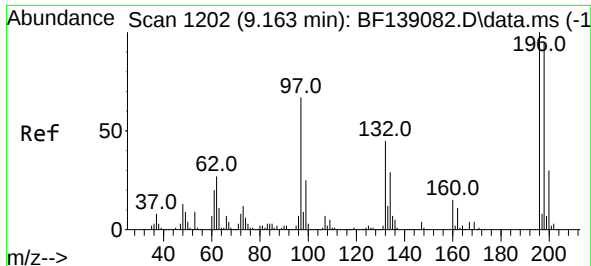


#42
2,4,6-Tribromophenol
Concen: 143.026 ng
RT: 10.733 min Scan# 1469
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:330 Resp: 354808
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 33.4 27.5 41.3





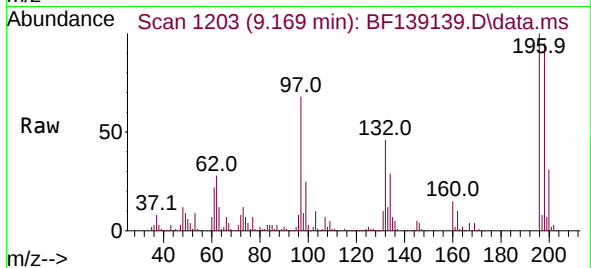
#43
2,4,6-Trichlorophenol
Concen: 45.132 ng
RT: 9.169 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

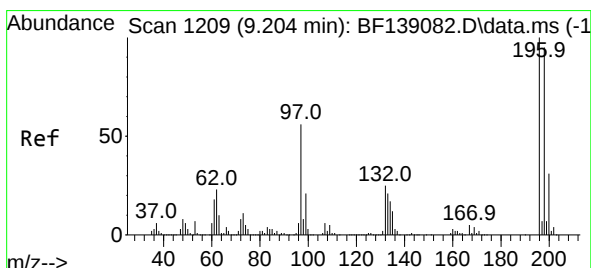
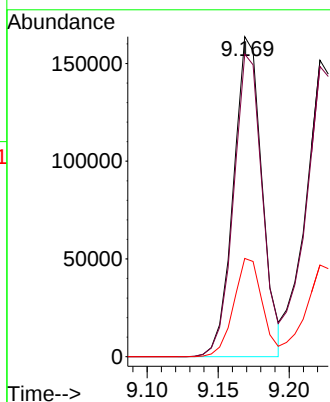
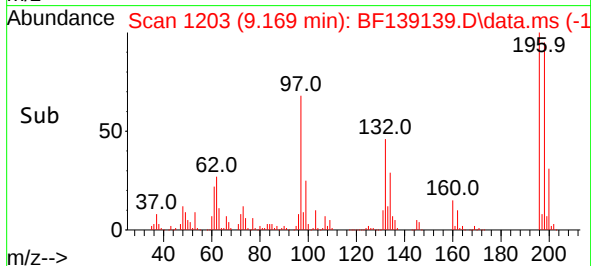


Tgt Ion:196 Resp: 228492
Ion Ratio Lower Upper
196 100
198 94.5 76.4 114.6
200 30.7 23.8 35.8

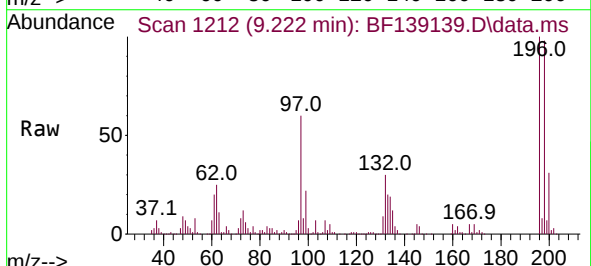
Manual Integrations

APPROVED

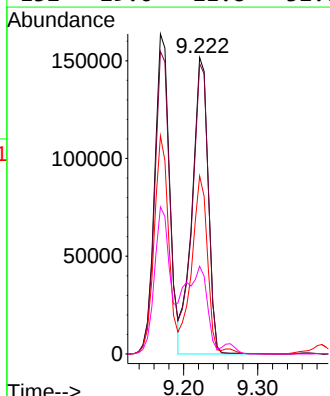
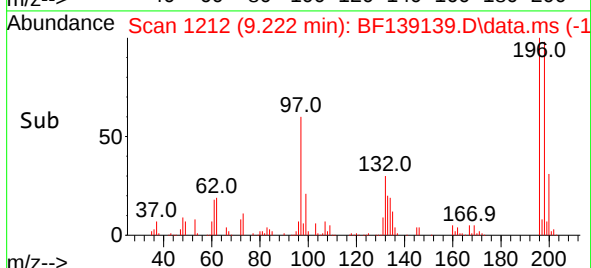
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

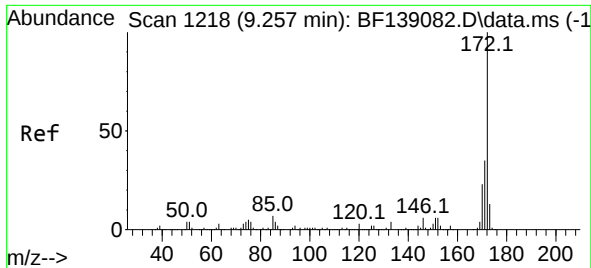


#44
2,4,5-Trichlorophenol
Concen: 43.911 ng
RT: 9.222 min Scan# 1212
Delta R.T. 0.017 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:196 Resp: 228192
Ion Ratio Lower Upper
196 100
198 97.9 76.6 114.8
97 60.0 44.6 67.0
132 29.6 21.8 32.6





#45
2-Fluorobiphenyl
Concen: 78.132 ng
RT: 9.263 min Scan# 1219
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

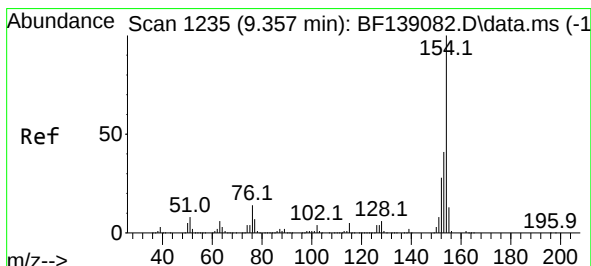
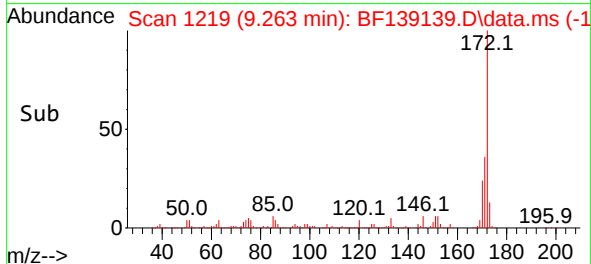
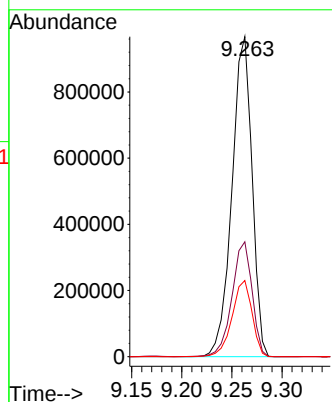
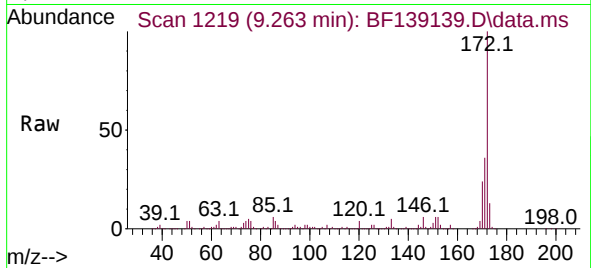
PB162917BS

Tgt Ion:172 Resp: 1349434
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.8 18.8 28.2

Manual Integrations

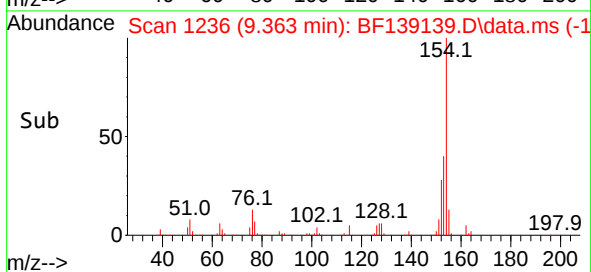
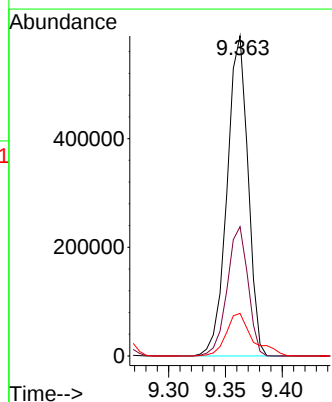
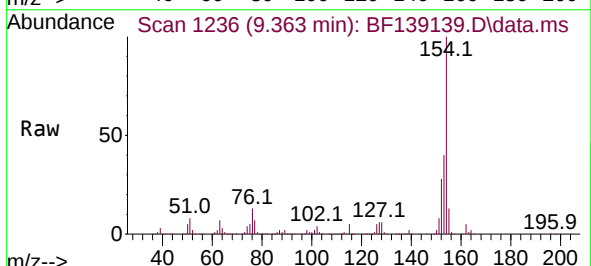
APPROVED

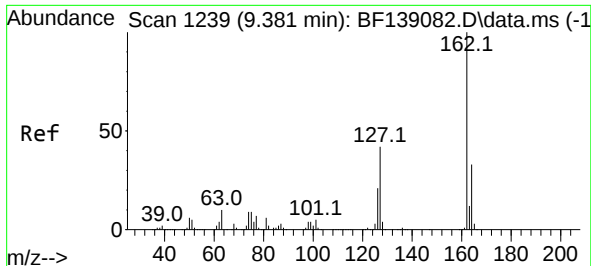
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#46
1,1'-Biphenyl
Concen: 40.252 ng
RT: 9.363 min Scan# 1236
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:154 Resp: 755581
Ion Ratio Lower Upper
154 100
153 40.4 20.6 60.6
76 13.3 0.0 33.6





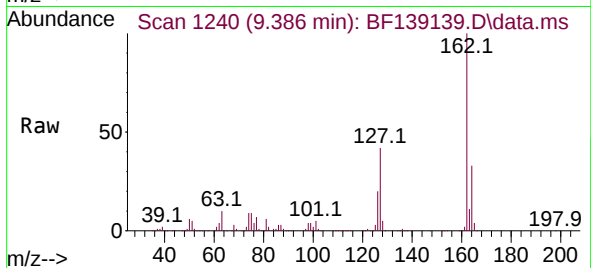
#47
2-Chloronaphthalene
Concen: 41.469 ng
RT: 9.386 min Scan# 11
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS



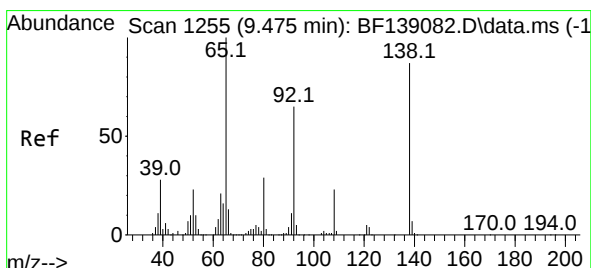
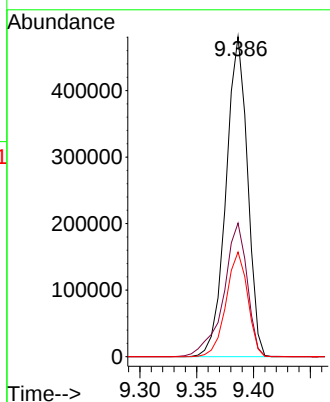
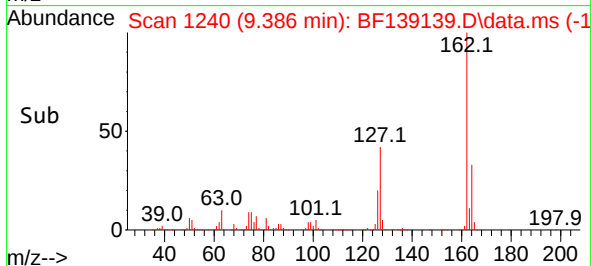
Tgt Ion:162 Resp: 63250
Ion Ratio Lower Upper
162 100
127 41.7 33.8 50.6
164 32.7 26.3 39.5

Manual Integrations

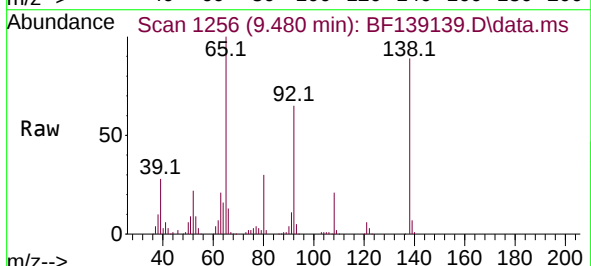
APPROVED

Reviewed By :Yogesh Patel 08/24/2024

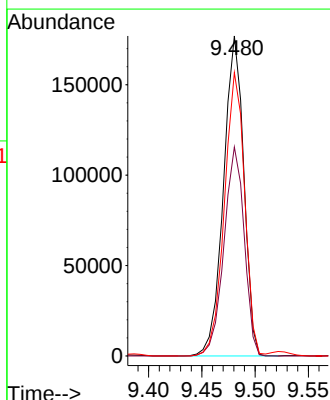
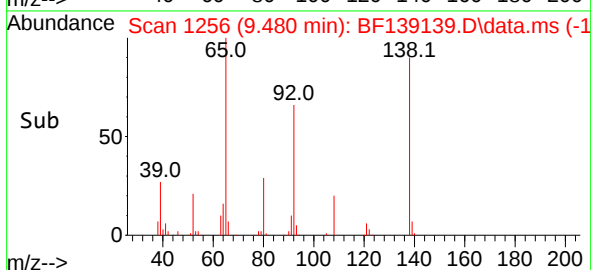
Supervised By :mohammad ahmed 08/24/2024

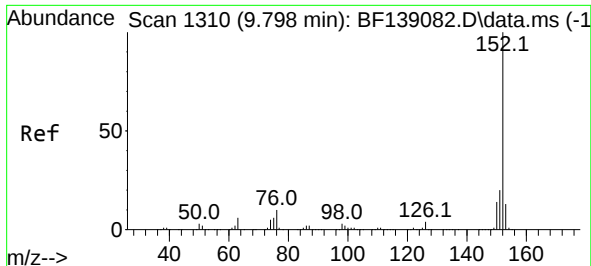


#48
2-Nitroaniline
Concen: 52.840 ng
RT: 9.480 min Scan# 1256
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion: 65 Resp: 233813
Ion Ratio Lower Upper
65 100
92 65.3 52.4 78.6
138 88.5 69.4 104.0





#49
Acenaphthylene
Concen: 46.174 ng
RT: 9.804 min Scan# 1311
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

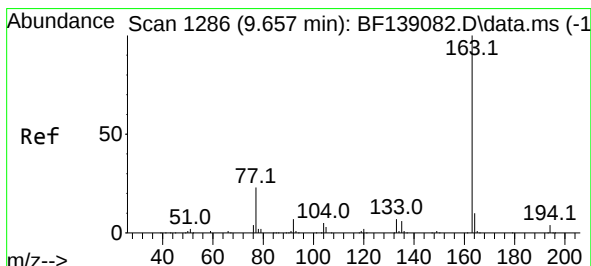
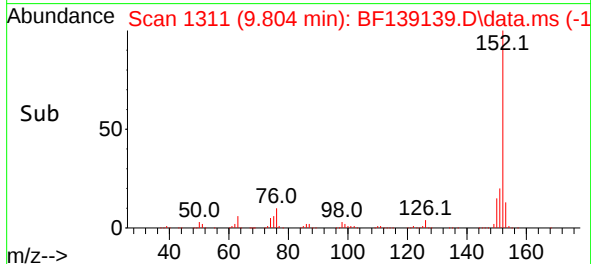
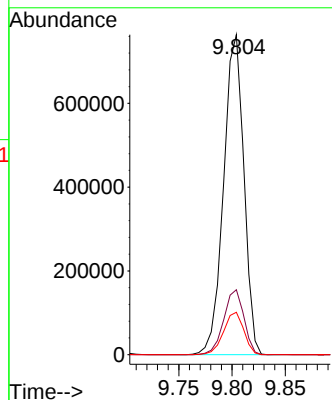
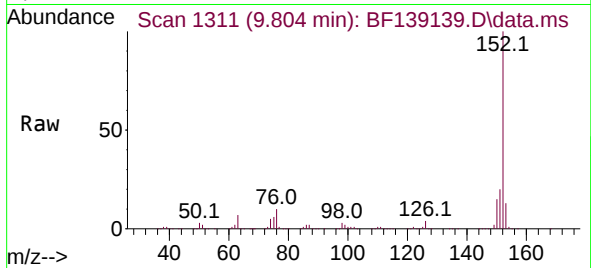
PB162917BS

Tgt Ion:152 Resp: 100886
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.3 10.6 15.8

Manual Integrations

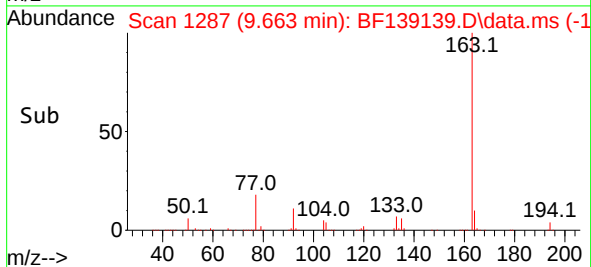
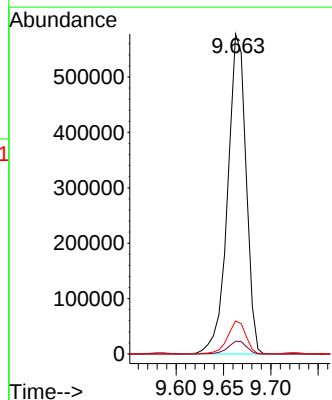
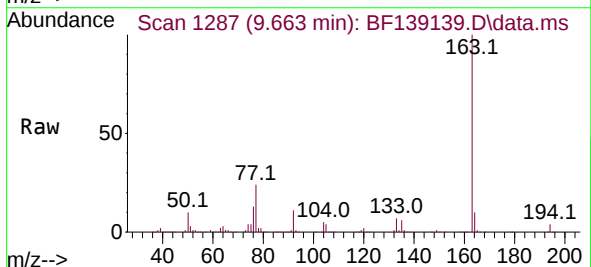
APPROVED

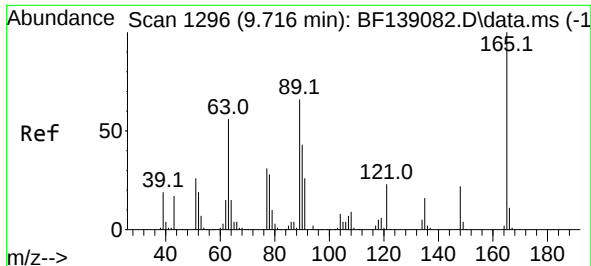
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#50
Dimethylphthalate
Concen: 46.178 ng
RT: 9.663 min Scan# 1287
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:163 Resp: 781211
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.935 ng
RT: 9.722 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

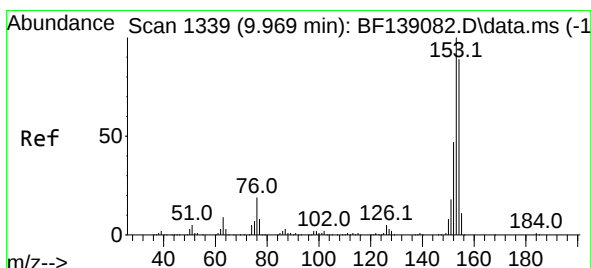
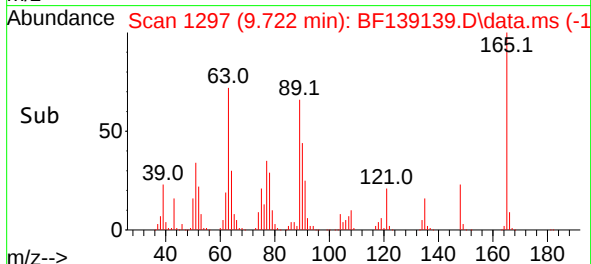
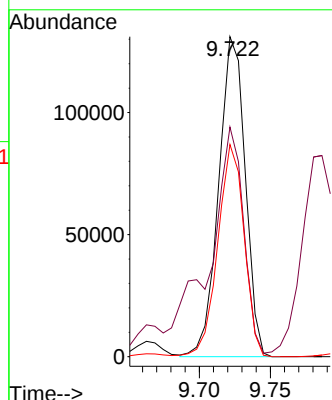
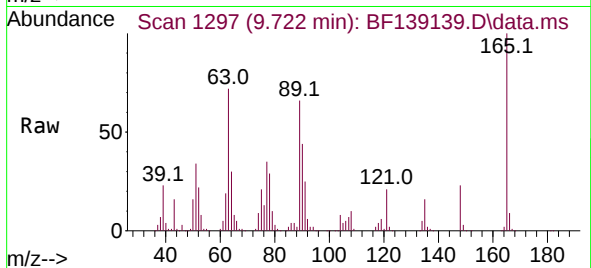
PB162917BS

Tgt Ion:165 Resp: 170125
Ion Ratio Lower Upper
165 100
63 71.8 58.0 87.0
89 66.3 53.3 79.9

Manual Integrations

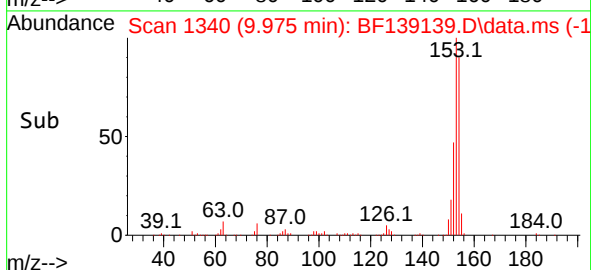
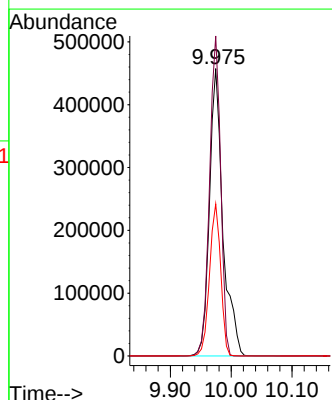
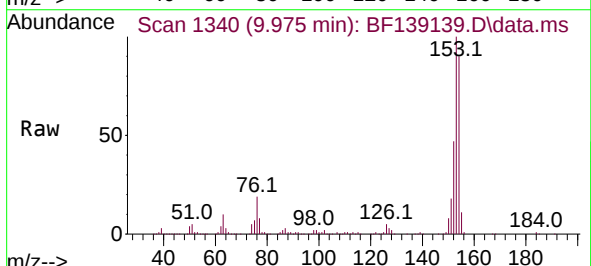
APPROVED

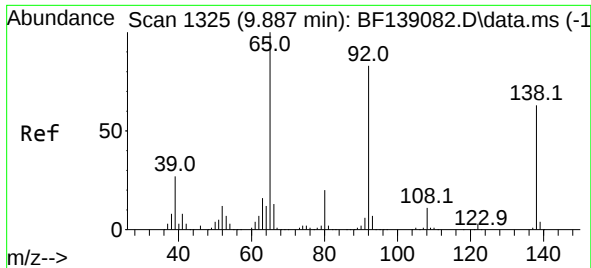
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#52
Acenaphthene
Concen: 48.731 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:154 Resp: 703326
Ion Ratio Lower Upper
154 100
153 111.3 89.7 134.5
152 52.9 42.3 63.5





#53
3-Nitroaniline
Concen: 37.591 ng
RT: 9.892 min Scan# 1325
Delta R.T. 0.005 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

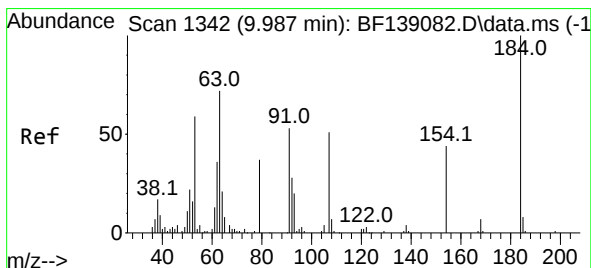
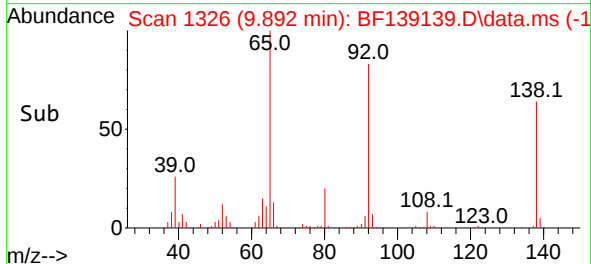
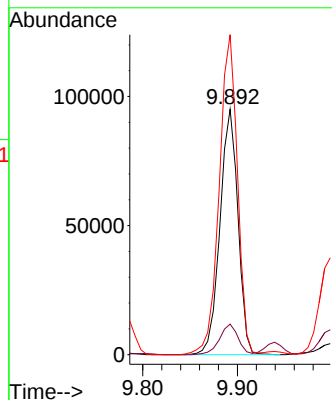
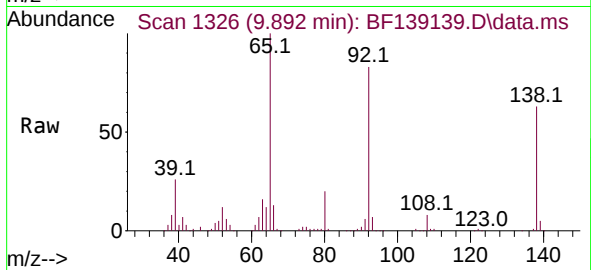
ClientSampleId :

PB162917BS

Tgt Ion:138 Resp: 125662
Ion Ratio Lower Upper
138 100
108 12.5 14.6 21.8
92 130.3 105.9 158.9

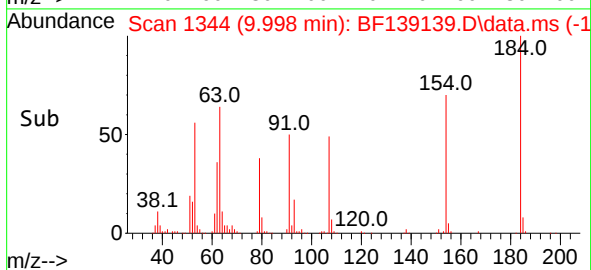
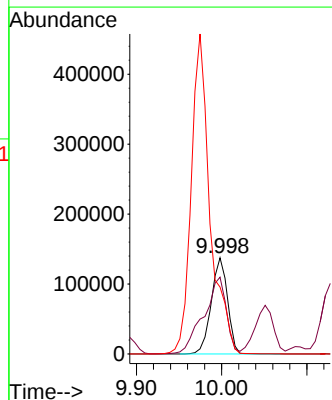
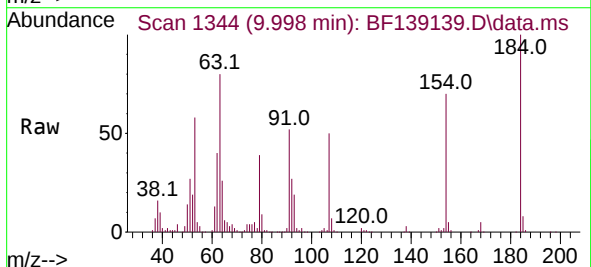
Manual Integrations
APPROVED

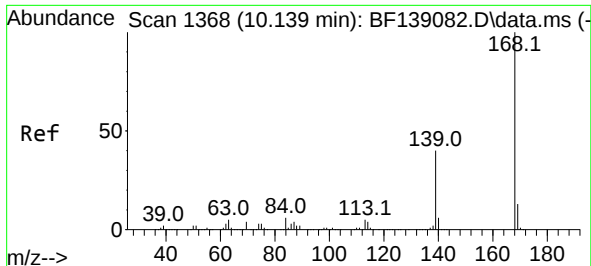
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#54
2,4-Dinitrophenol
Concen: 104.153 ng
RT: 9.998 min Scan# 1344
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

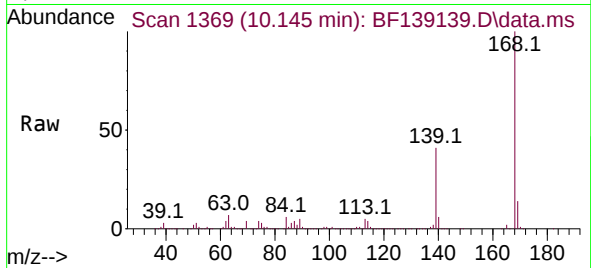
Tgt Ion:184 Resp: 182314
Ion Ratio Lower Upper
184 100
63 79.9 70.5 105.7
154 69.5 135.0 202.6





#55
Dibenzenofuran
Concen: 43.835 ng
RT: 10.145 min Scan# 1368
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

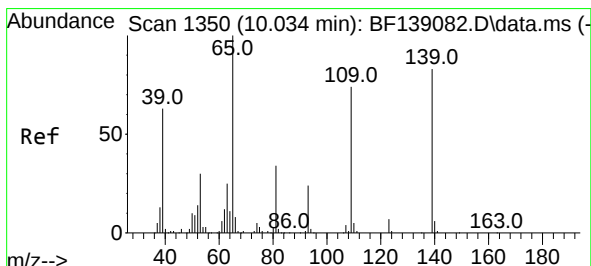
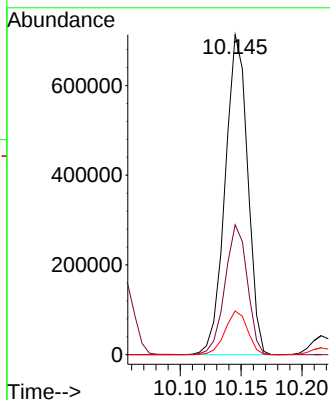
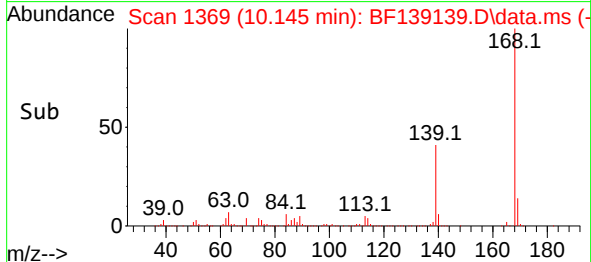
Instrument :
BNA_F
ClientSampleId :
PB162917BS



Tgt Ion:168 Resp: 918929
Ion Ratio Lower Upper
168 100
139 40.6 31.6 47.4
169 13.7 10.7 16.1

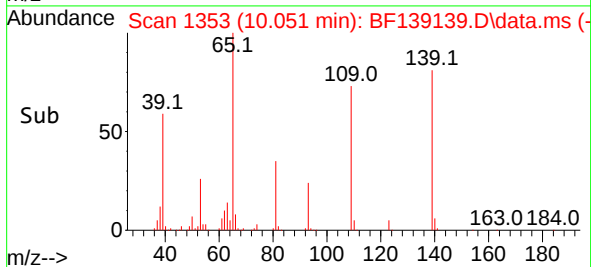
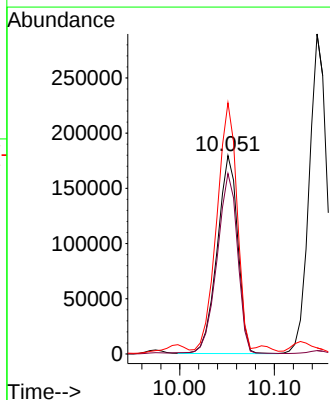
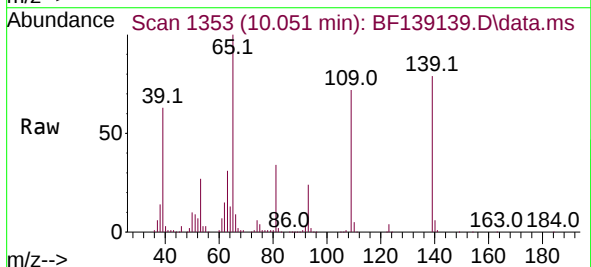
Manual Integrations
APPROVED

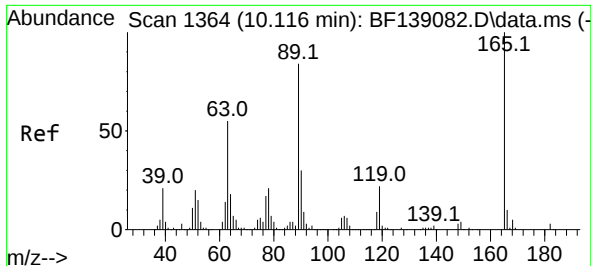
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#56
4-Nitrophenol
Concen: 105.558 ng
RT: 10.051 min Scan# 1353
Delta R.T. 0.017 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:139 Resp: 269929
Ion Ratio Lower Upper
139 100
109 91.0 68.8 108.8
65 126.6 101.3 141.3





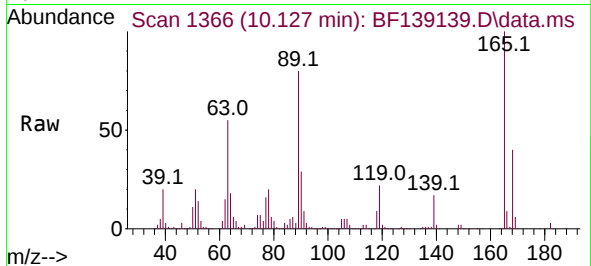
#57
2,4-Dinitrotoluene
Concen: 54.828 ng
RT: 10.127 min Scan# 1366
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

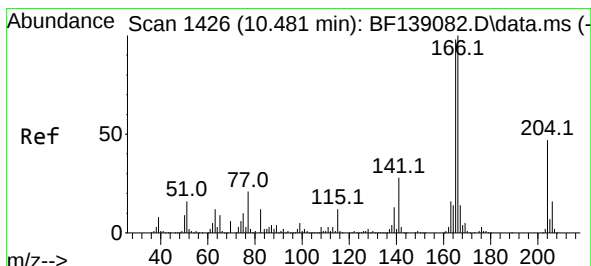
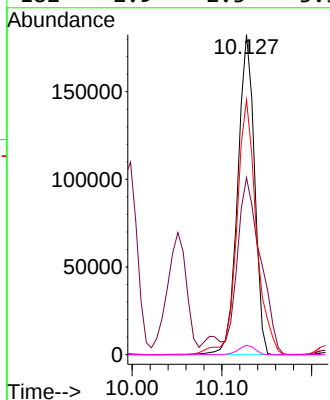
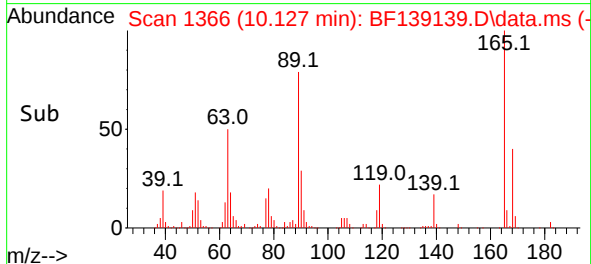


Tgt Ion:165 Resp: 237038
Ion Ratio Lower Upper
165 100
63 55.3 44.2 66.4
89 79.7 67.4 101.2
182 2.9 2.3 3.5

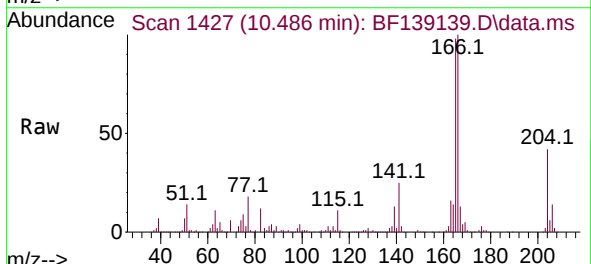
Manual Integrations

APPROVED

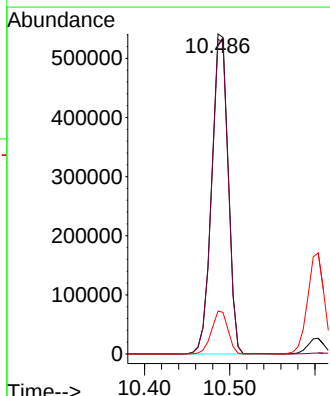
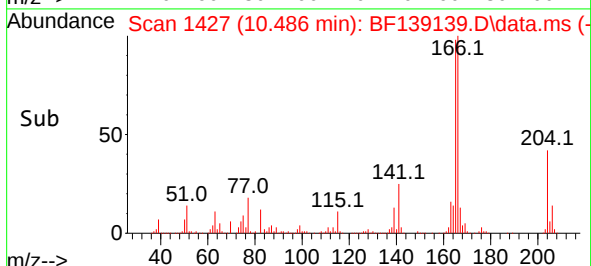
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

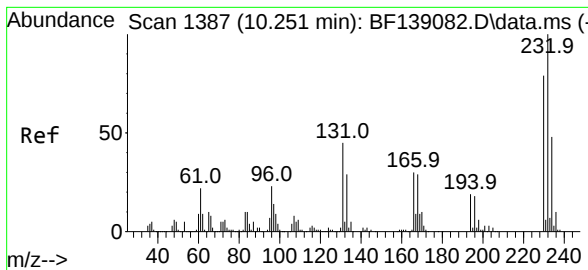


#58
Fluorene
Concen: 43.463 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



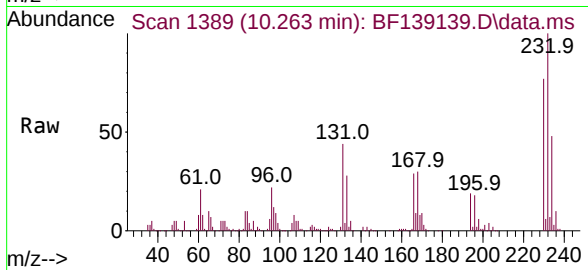
Tgt Ion:166 Resp: 728144
Ion Ratio Lower Upper
166 100
165 98.4 78.0 117.0
167 13.4 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.541 ng
RT: 10.263 min Scan# 1389
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

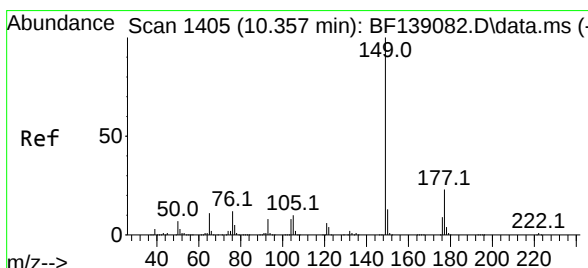
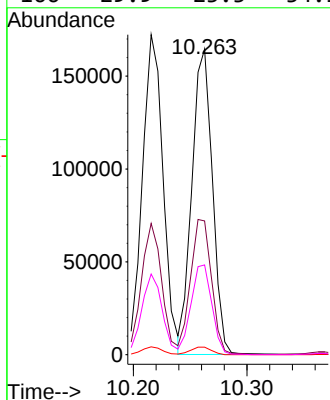
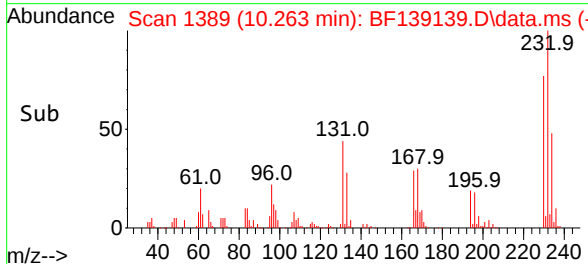
Instrument :
BNA_F
ClientSampleId :
PB162917BS



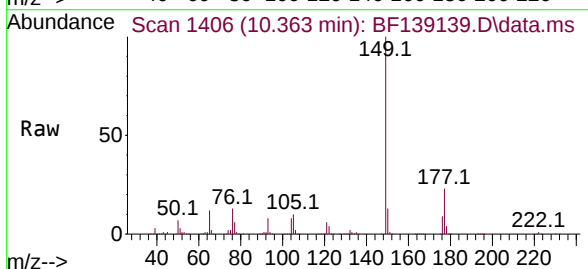
Tgt Ion:232 Resp: 20671
Ion Ratio Lower Upper
232 100
131 45.5 36.0 54.0
130 2.5 2.0 3.0
166 29.9 23.3 34.9

Manual Integrations
APPROVED

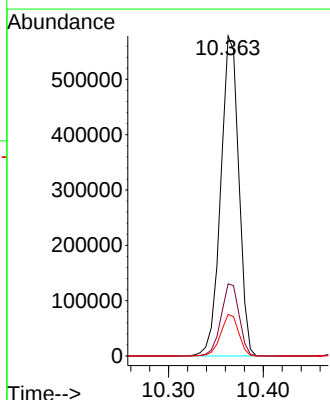
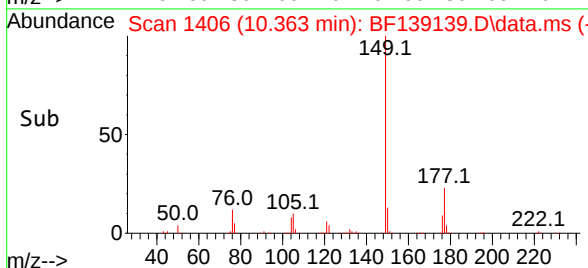
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

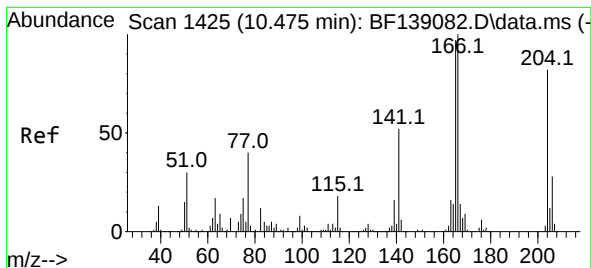


#60
Diethylphthalate
Concen: 45.757 ng
RT: 10.363 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



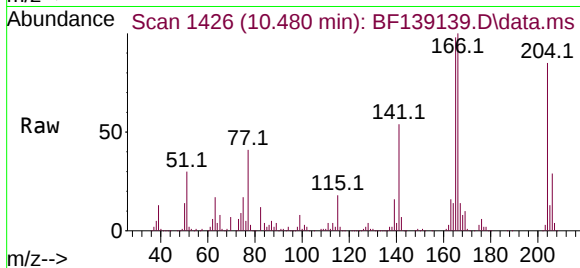
Tgt Ion:149 Resp: 766996
Ion Ratio Lower Upper
149 100
177 22.5 18.4 27.6
150 13.0 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 42.574 ng
RT: 10.480 min Scan# 1425
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

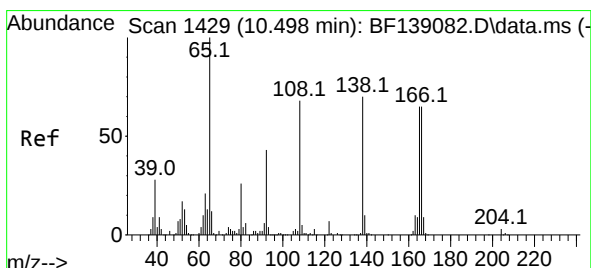
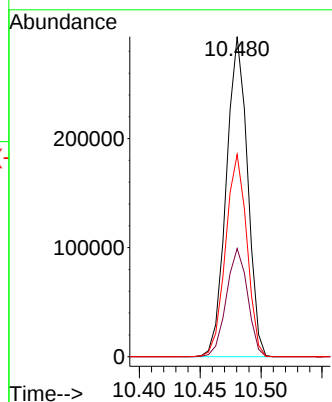
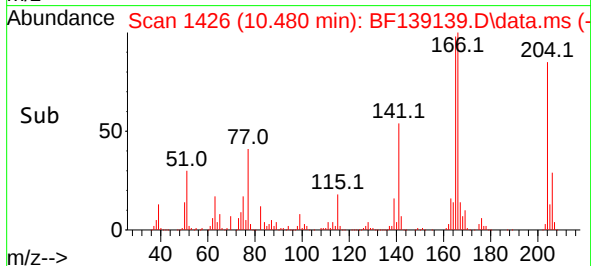
Instrument :
BNA_F
ClientSampleId :
PB162917BS



Tgt Ion:204 Resp: 35622
Ion Ratio Lower Upper
204 100
206 33.8 27.0 40.4
141 63.2 50.9 76.3

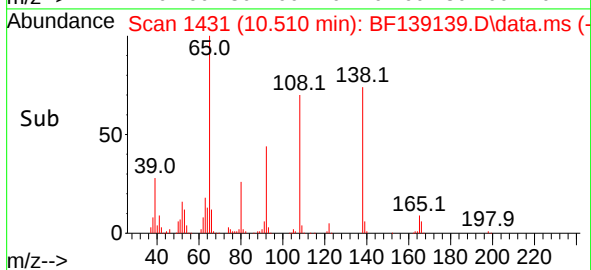
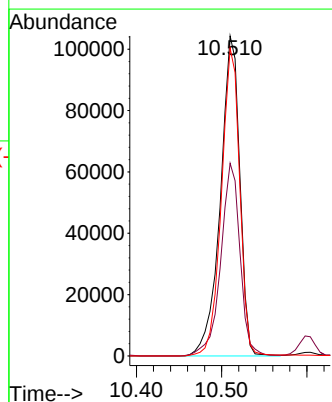
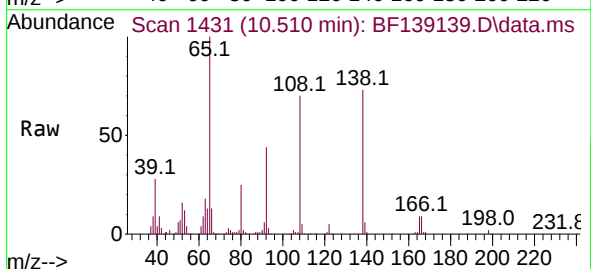
Manual Integrations
APPROVED

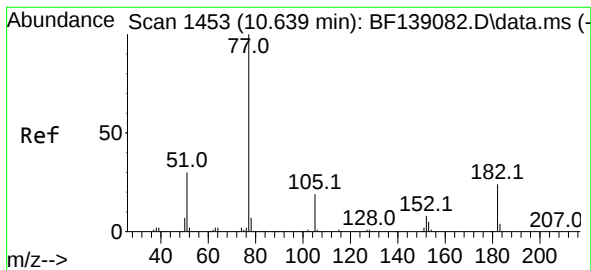
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#62
4-Nitroaniline
Concen: 47.564 ng
RT: 10.510 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:138 Resp: 165033
Ion Ratio Lower Upper
138 100
92 60.2 41.4 81.4
108 96.1 76.8 116.8





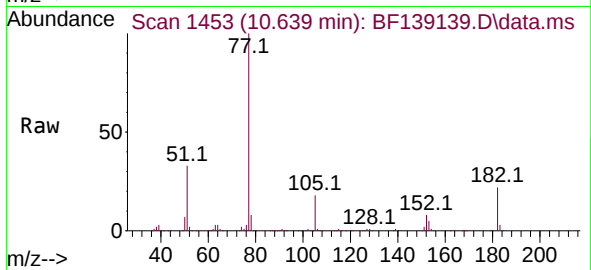
#63
Azobenzene
Concen: 44.513 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

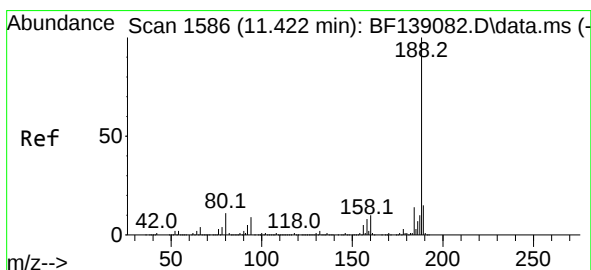
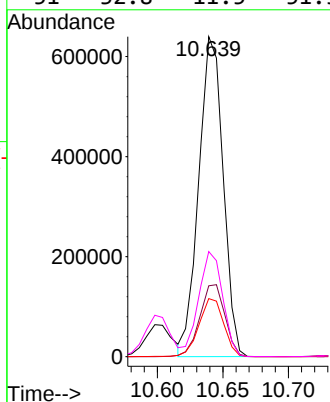
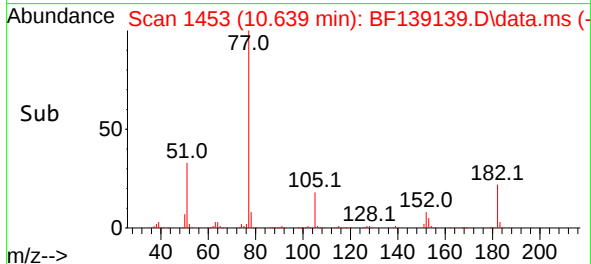


Tgt Ion: 77 Resp: 829160
Ion Ratio Lower Upper
77 100
182 22.1 4.0 44.0
105 18.1 0.0 39.1
51 32.8 11.5 51.5

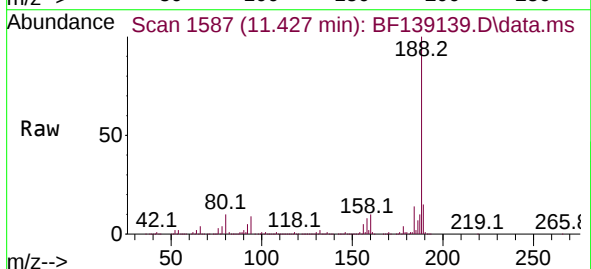
Manual Integrations

APPROVED

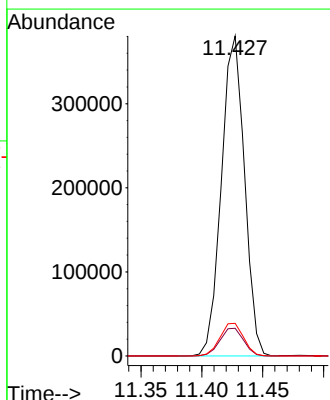
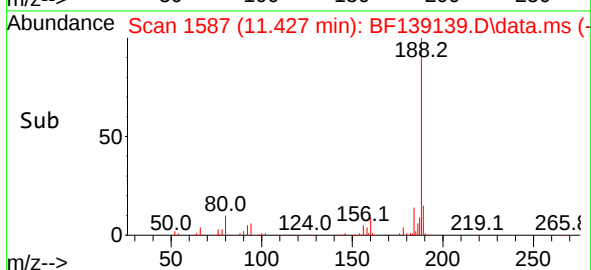
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

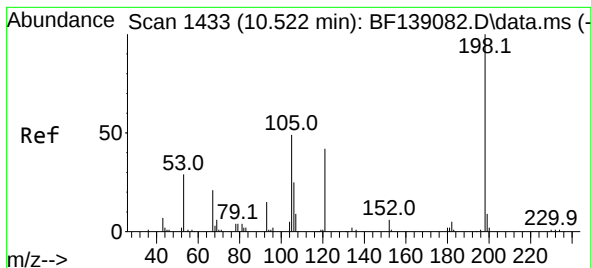


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1587
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:188 Resp: 501979
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 10.2 8.5 12.7





#65
4,6-Dinitro-2-methylphenol
Concen: 64.423 ng
RT: 10.533 min Scan# 1435
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

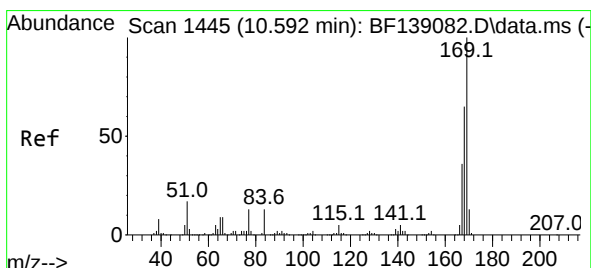
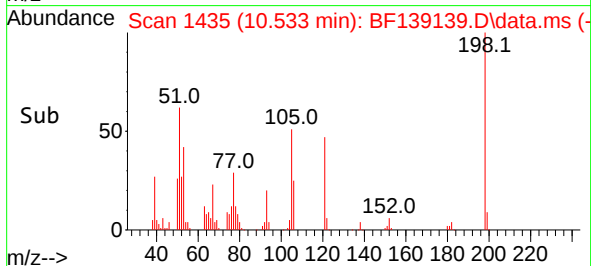
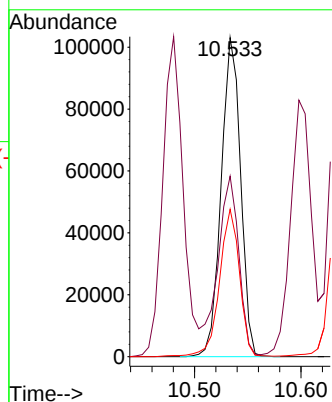
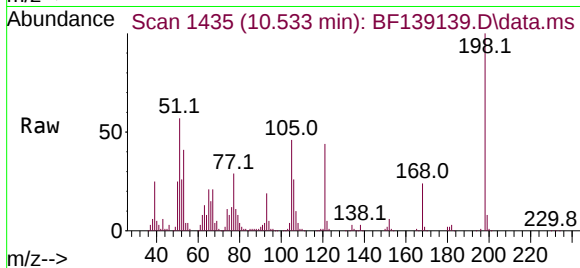
ClientSampleId :

PB162917BS

Tgt Ion:198 Resp: 130069
Ion Ratio Lower Upper
198 100
51 56.5 40.8 80.8
105 46.2 30.9 70.9

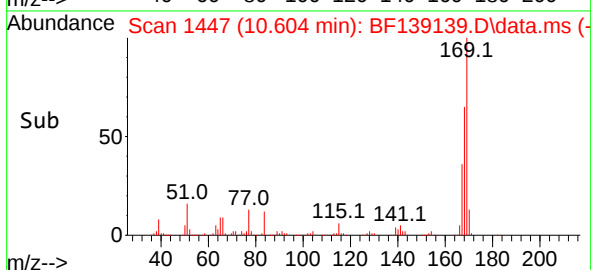
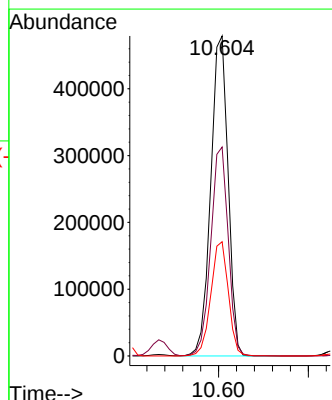
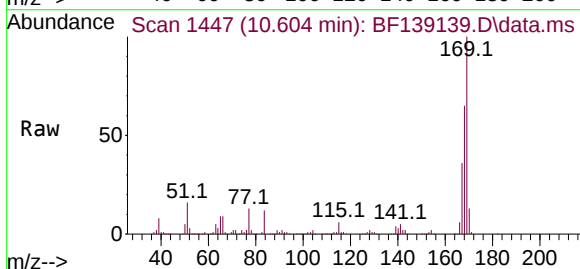
Manual Integrations
APPROVED

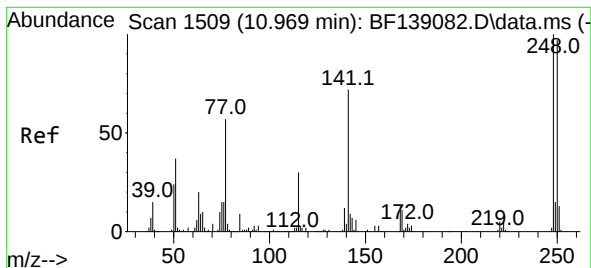
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#66
n-Nitrosodiphenylamine
Concen: 43.205 ng
RT: 10.604 min Scan# 1447
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:169 Resp: 641731
Ion Ratio Lower Upper
169 100
168 65.3 52.4 78.6
167 35.7 28.6 43.0





#67
4-Bromophenyl-phenylether
Concen: 43.547 ng
RT: 10.969 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

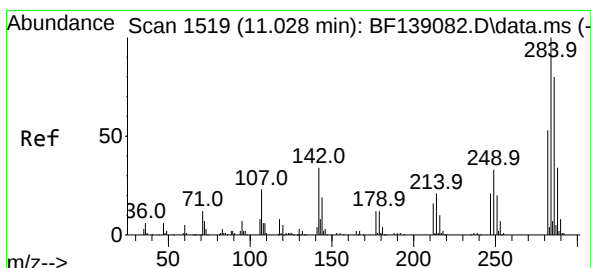
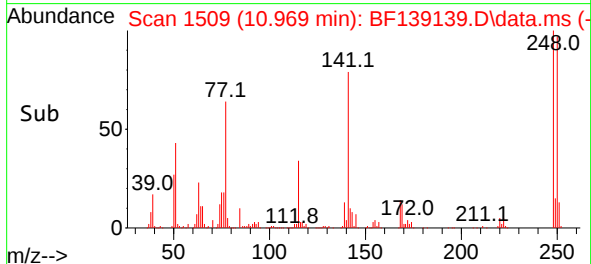
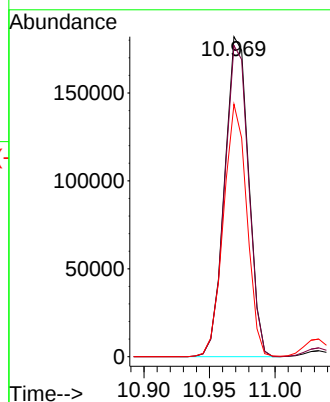
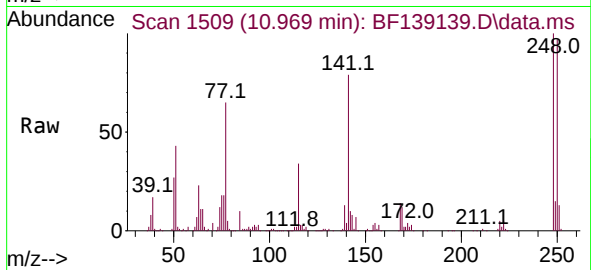
PB162917BS

Tgt Ion:248 Resp: 231632
Ion Ratio Lower Upper
248 100
250 97.3 77.8 116.8
141 78.9 57.9 86.9

Manual Integrations

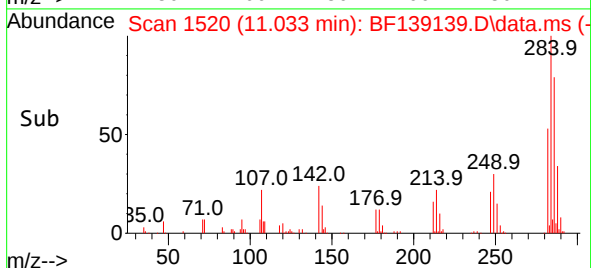
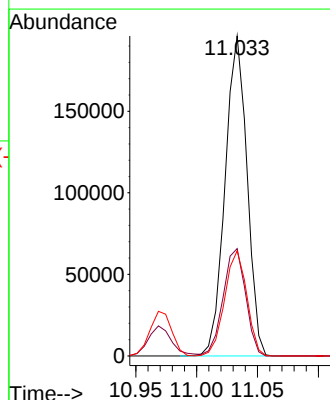
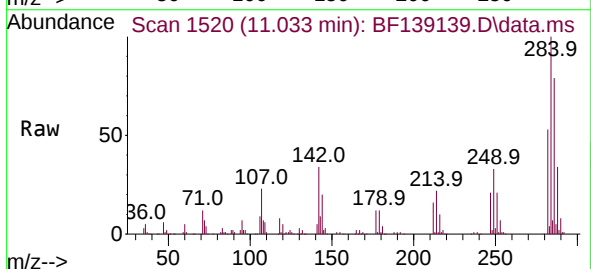
APPROVED

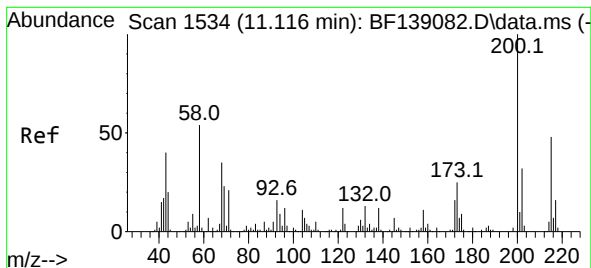
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#68
Hexachlorobenzene
Concen: 43.133 ng
RT: 11.033 min Scan# 1520
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Tgt Ion:284 Resp: 246139
Ion Ratio Lower Upper
284 100
142 33.6 27.1 40.7
249 32.9 26.8 40.2





#69

Atrazine

Concen: 41.145 ng

RT: 11.127 min Scan# 1534

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

Tgt Ion:200 Resp: 18664

Ion Ratio Lower Upper

200 100

173 25.3 5.2 45.2

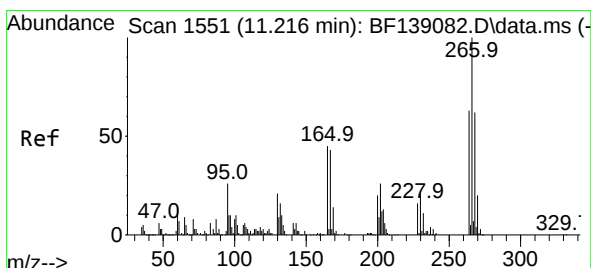
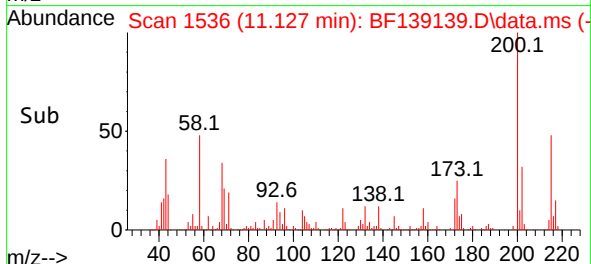
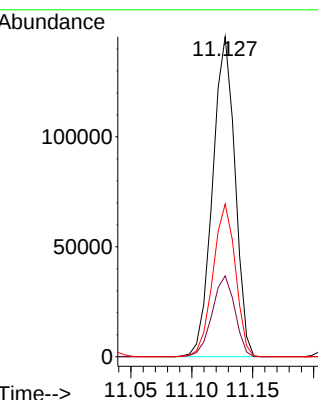
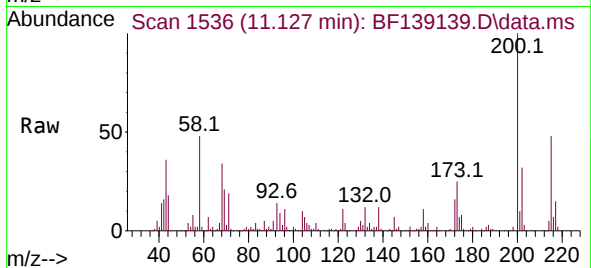
215 47.7 27.9 67.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#70

Pentachlorophenol

Concen: 87.421 ng

RT: 11.227 min Scan# 1553

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

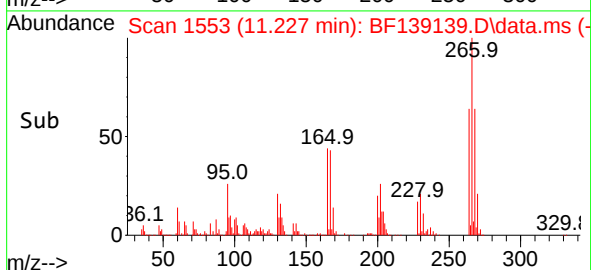
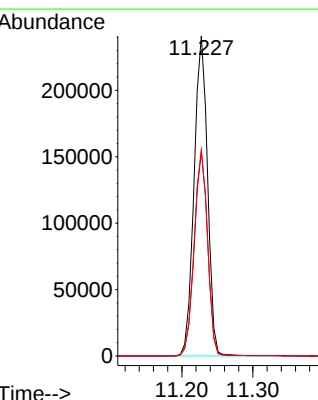
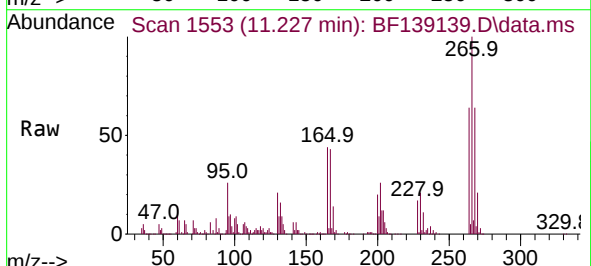
Tgt Ion:266 Resp: 318669

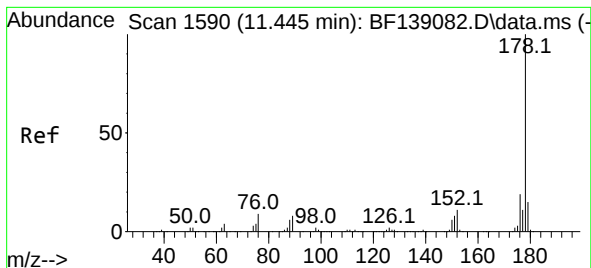
Ion Ratio Lower Upper

266 100

268 63.7 49.5 74.3

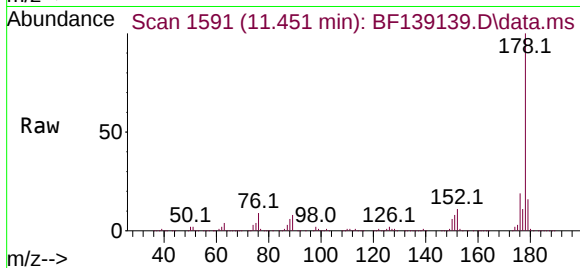
264 64.4 50.0 75.0





#71
Phenanthrene
Concen: 43.392 ng
RT: 11.451 min Scan# 110712
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

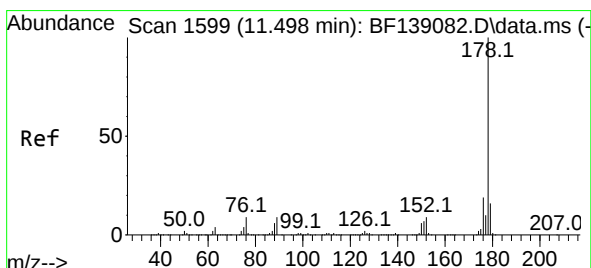
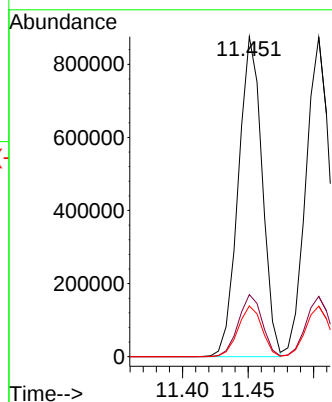
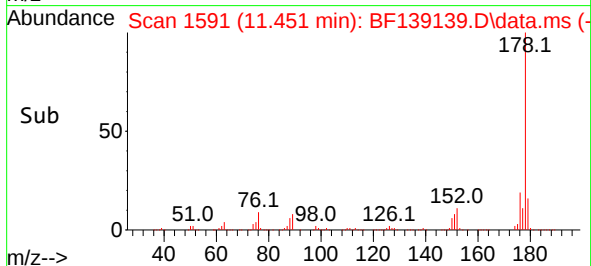
Instrument :
BNA_F
ClientSampleId :
PB162917BS



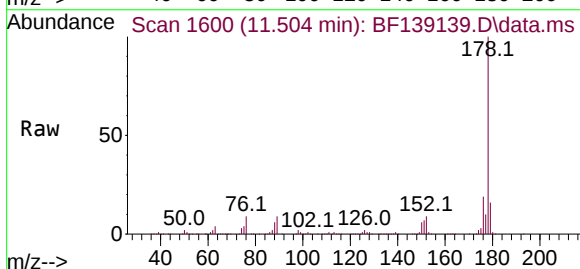
Tgt Ion:178 Resp: 110712
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.9 12.3 18.5

Manual Integrations
APPROVED

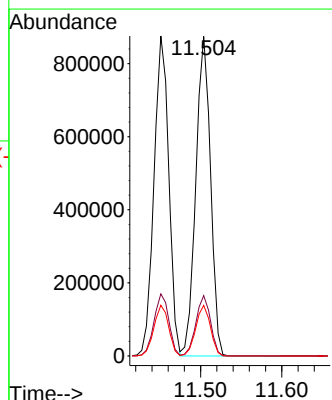
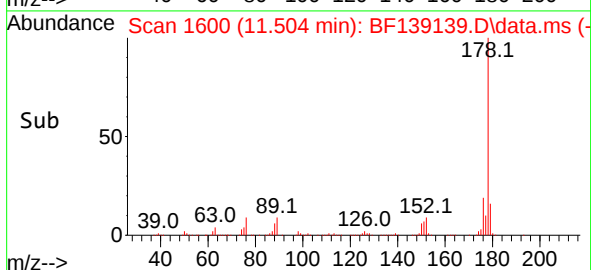
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

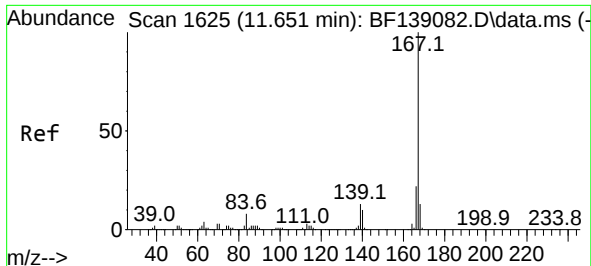


#72
Anthracene
Concen: 44.135 ng
RT: 11.504 min Scan# 1600
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



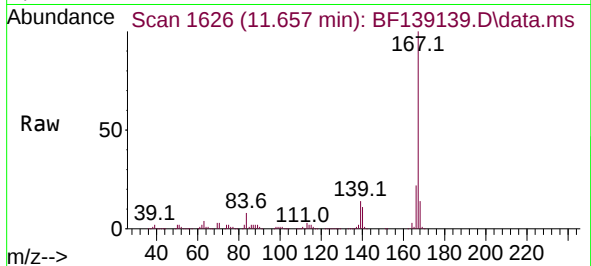
Tgt Ion:178 Resp: 1101276
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.4 18.6





#73
 Carbazole
 Concen: 42.065 ng
 RT: 11.657 min Scan# 1626
 Delta R.T. 0.006 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12

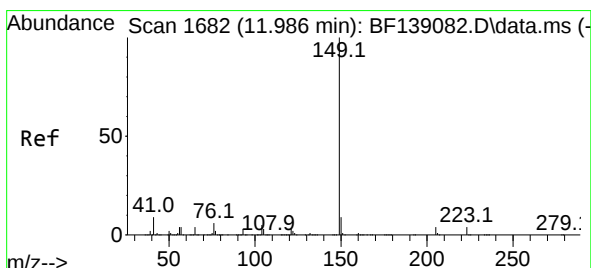
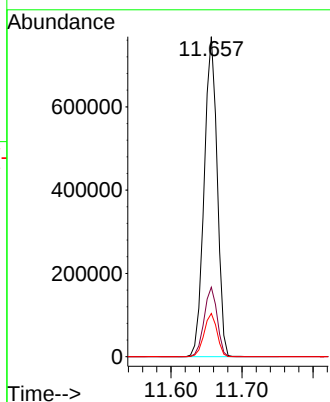
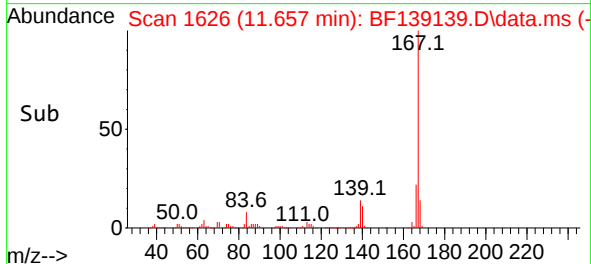
Instrument :
 BNA_F
 ClientSampleId :
 PB162917BS



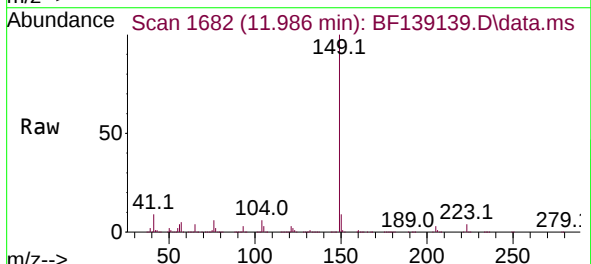
Tgt Ion:167 Resp: 980134
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.3 25.9
 139 13.5 10.5 15.7

Manual Integrations
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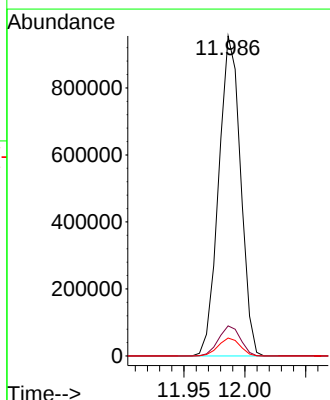
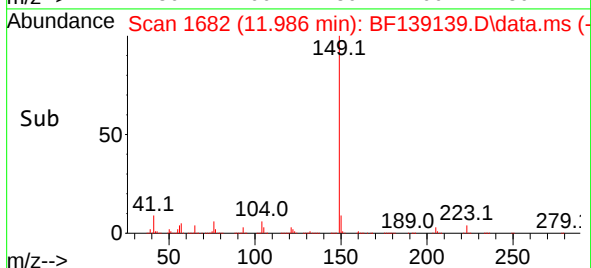
Reviewed By :Yogesh Patel 08/24/2024
 Supervised By :mohammad ahmed 08/24/2024

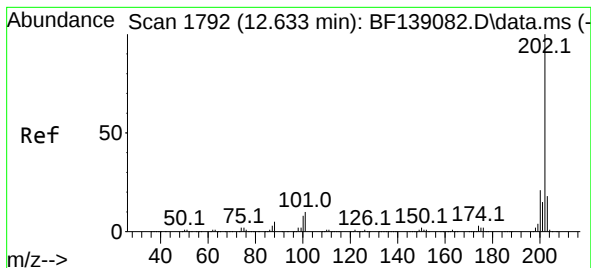


#74
 Di-n-butylphthalate
 Concen: 44.213 ng
 RT: 11.986 min Scan# 1682
 Delta R.T. -0.000 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12



Tgt Ion:149 Resp: 1194517
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.6 4.3 6.5





#75

Fluoranthene

Concen: 40.929 ng

RT: 12.639 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF139139.D

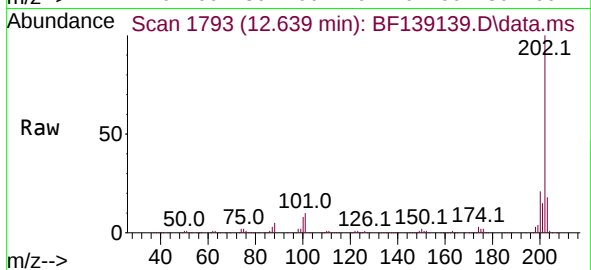
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS



Tgt Ion:202 Resp: 111461

Ion Ratio Lower Upper

202 100

101 9.9 0.0 30.2

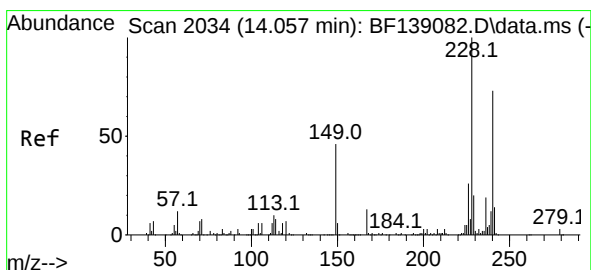
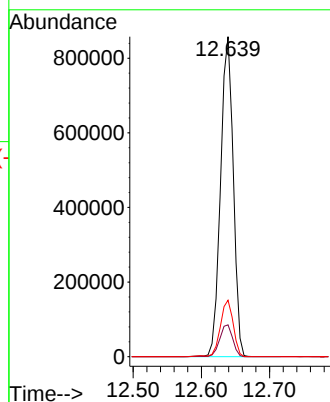
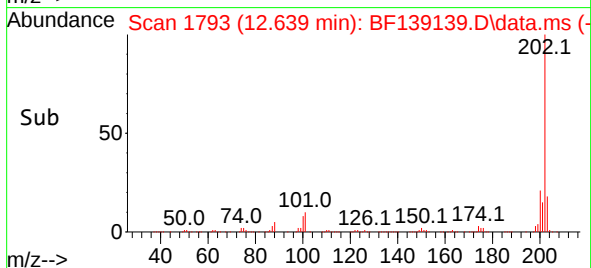
203 17.7 0.0 37.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.012 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

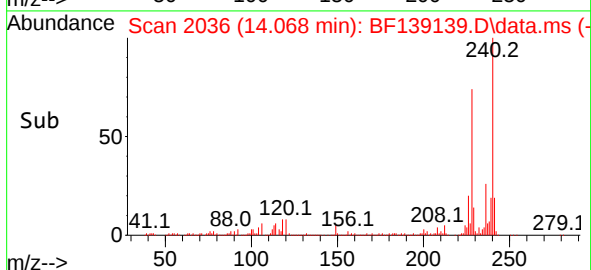
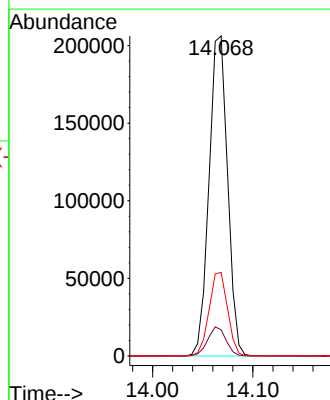
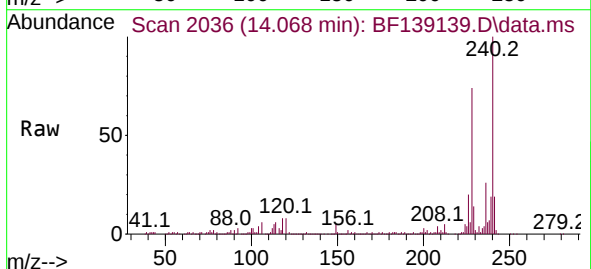
Tgt Ion:240 Resp: 265971

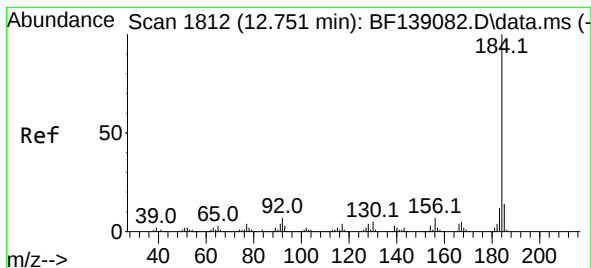
Ion Ratio Lower Upper

240 100

120 8.1 7.8 11.6

236 26.1 20.9 31.3





#77

Benzidine

Concen: 9.494 ng

RT: 12.757 min Scan# 1812

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

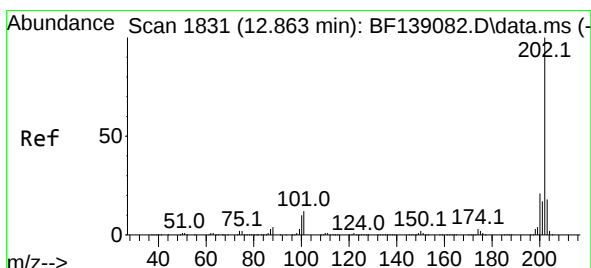
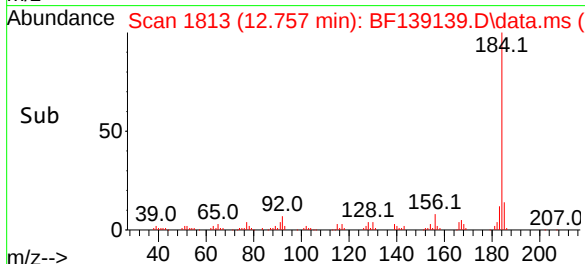
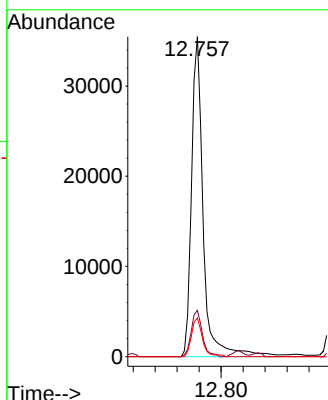
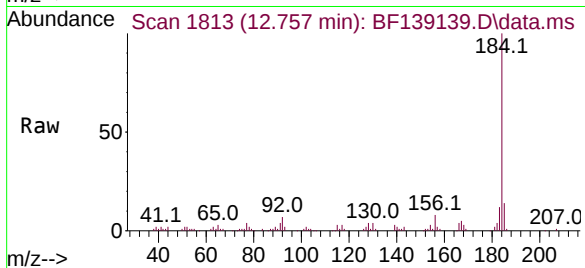
Tgt Ion:184	Resp:	52160
Ion Ratio	Lower	Upper
184	100	
185	14.5	11.5 17.3
183	12.1	9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#78

Pyrene

Concen: 49.716 ng

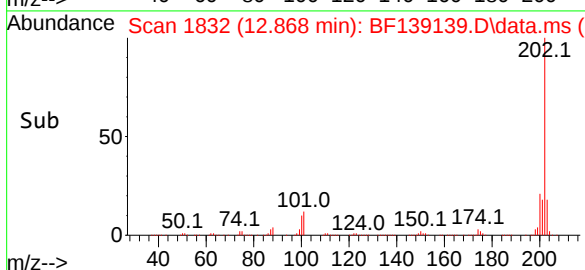
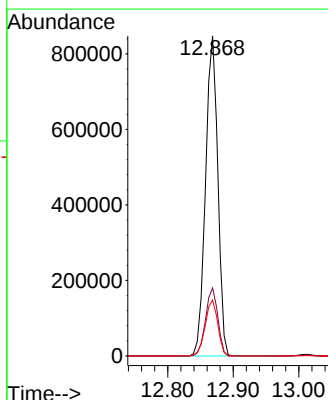
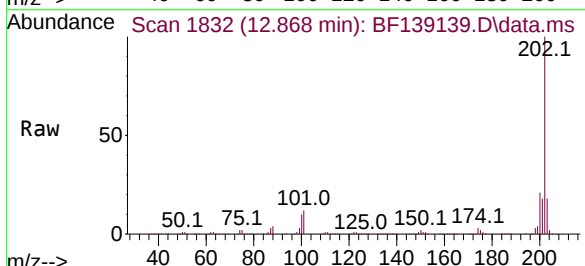
RT: 12.868 min Scan# 1832

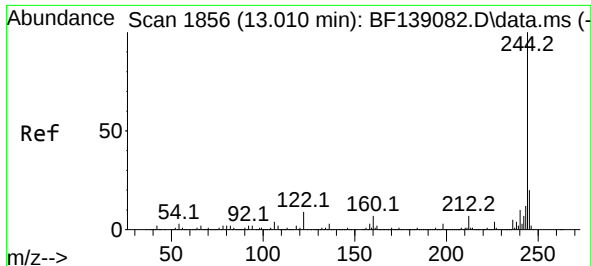
Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Tgt Ion:202	Resp:	1103478
Ion Ratio	Lower	Upper
202	100	
200	21.2	17.0 25.6
203	17.5	14.1 21.1





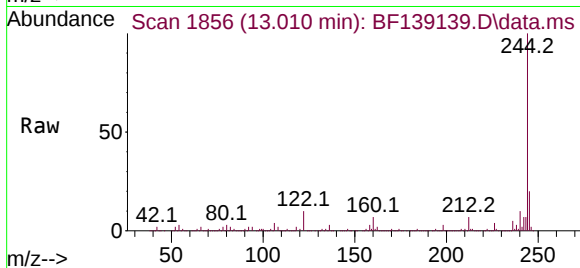
#79
 Terphenyl-d14
 Concen: 101.627 ng
 RT: 13.010 min Scan# 1856
 Delta R.T. -0.000 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS



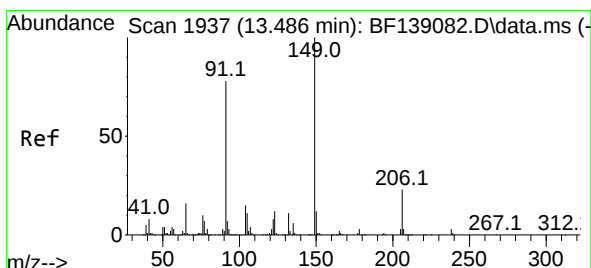
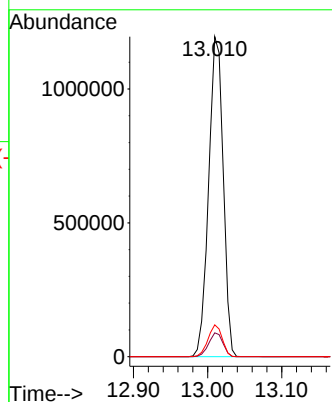
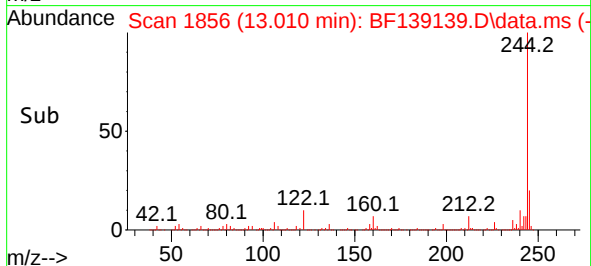
Tgt Ion:244 Resp: 1628992
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.6
 122 10.0 7.6 11.4

Manual Integrations

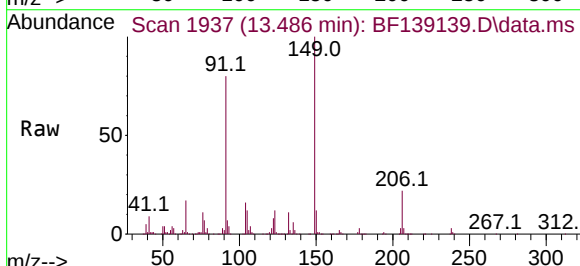
APPROVED

Reviewed By :Yogesh Patel 08/24/2024

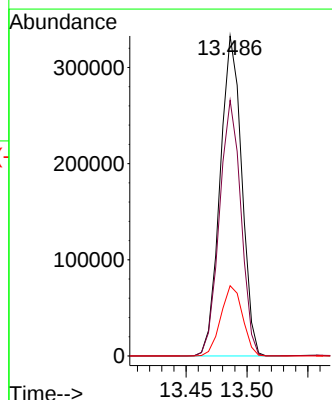
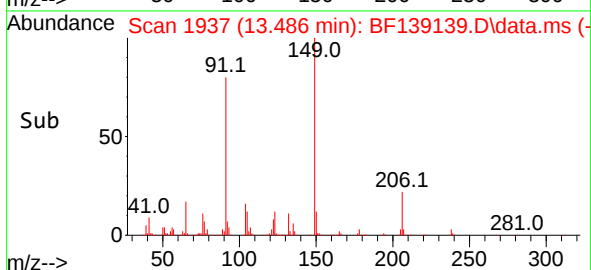
Supervised By :mohammad ahmed 08/24/2024

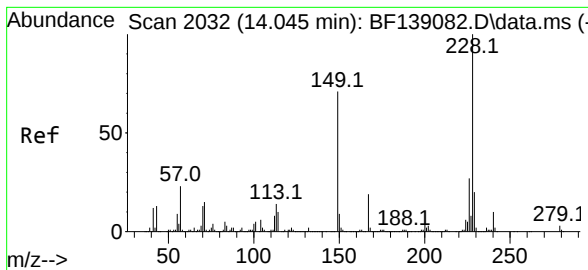


#80
 Butylbenzylphthalate
 Concen: 53.606 ng
 RT: 13.486 min Scan# 1937
 Delta R.T. -0.000 min
 Lab File: BF139139.D
 Acq: 23 Aug 2024 11:12



Tgt Ion:149 Resp: 411636
 Ion Ratio Lower Upper
 149 100
 91 79.9 62.1 93.1
 206 21.9 18.0 27.0





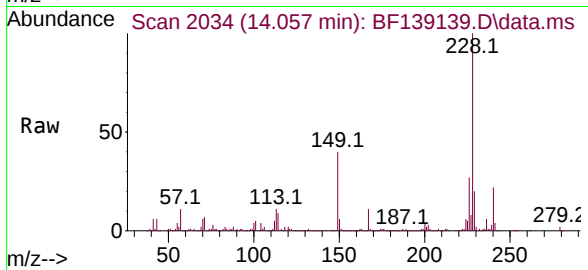
#81
Benzo(a)anthracene
Concen: 45.476 ng
RT: 14.057 min Scan# 2032
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

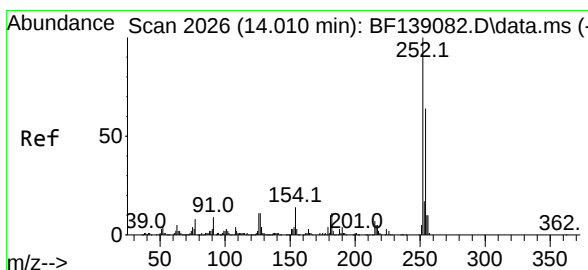
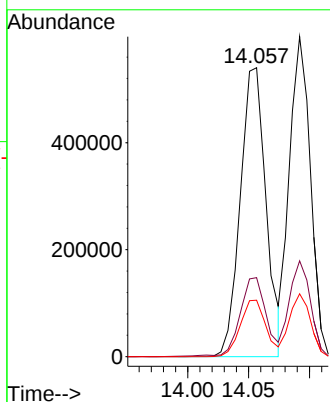
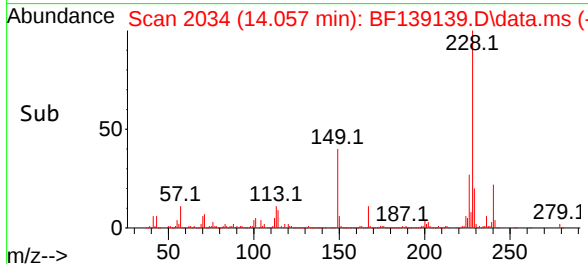


Tgt Ion:228 Resp: 795088
Ion Ratio Lower Upper
228 100
226 27.4 21.9 32.9
229 19.6 16.1 24.1

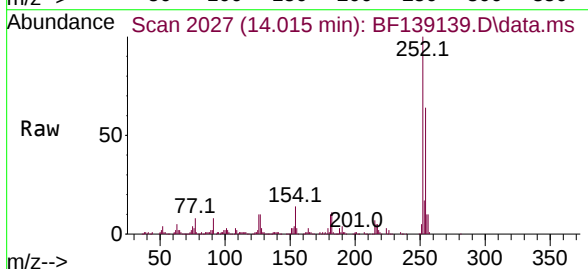
Manual Integrations

APPROVED

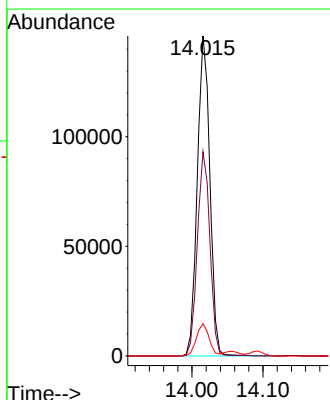
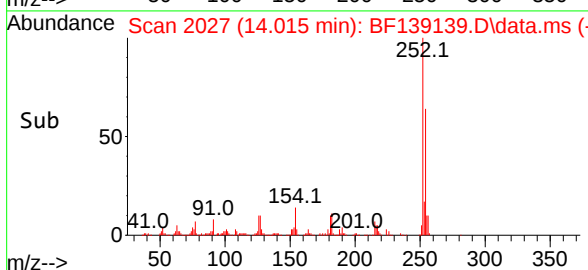
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

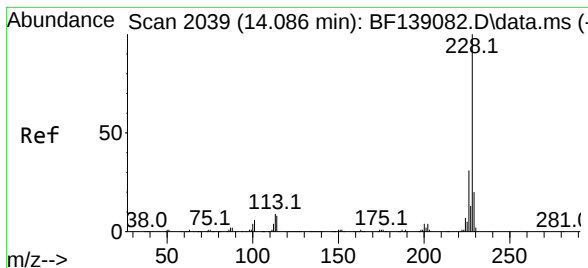


#82
3,3'-Dichlorobenzidine
Concen: 36.810 ng
RT: 14.015 min Scan# 2027
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:252 Resp: 179894
Ion Ratio Lower Upper
252 100
254 63.9 51.4 77.0
126 10.1 8.6 12.8





#83

Chrysene

Concen: 45.495 ng

RT: 14.092 min Scan# 2040

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

Tgt Ion:228 Resp: 720978

Ion Ratio Lower Upper

228 100

226 29.9 24.3 36.5

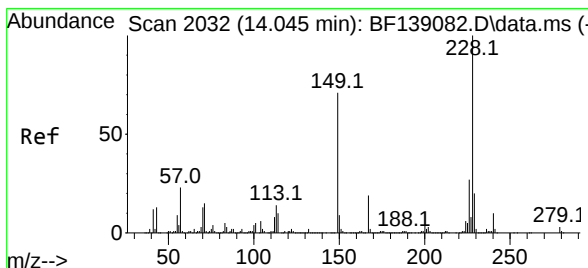
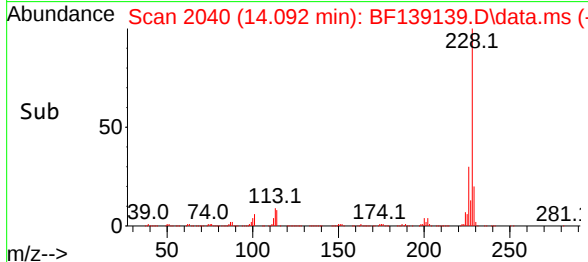
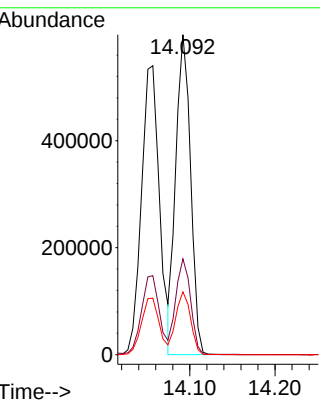
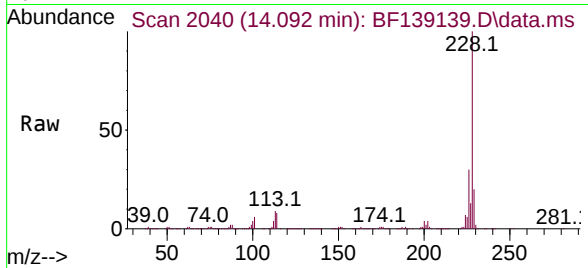
229 19.7 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.102 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

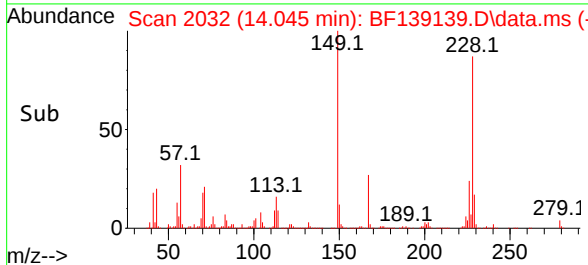
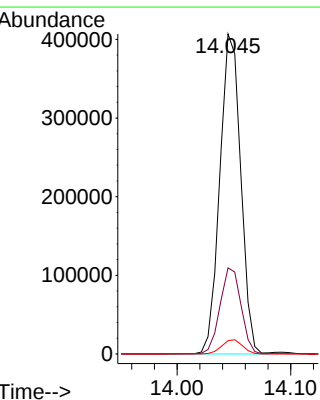
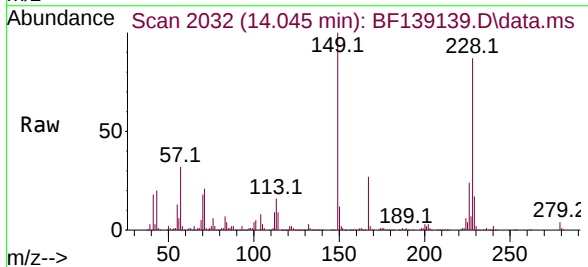
Tgt Ion:149 Resp: 520213

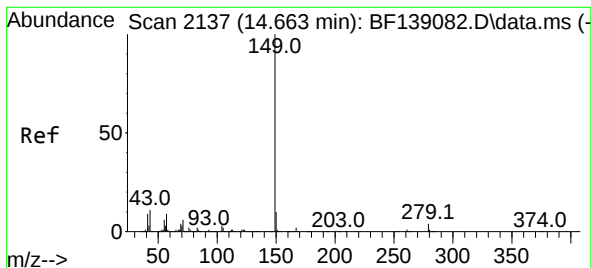
Ion Ratio Lower Upper

149 100

167 26.9 21.8 32.6

279 4.2 3.5 5.3





#85

Di-n-octyl phthalate

Concen: 49.321 ng

RT: 14.662 min Scan# 2137

Delta R.T. -0.000 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

Tgt Ion:149 Resp: 70469

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

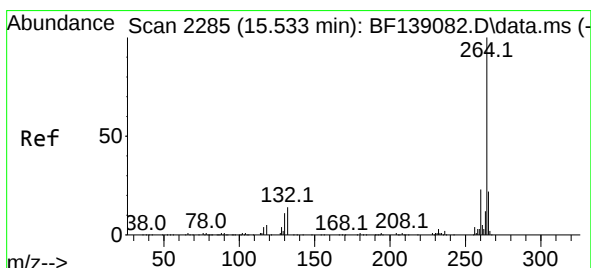
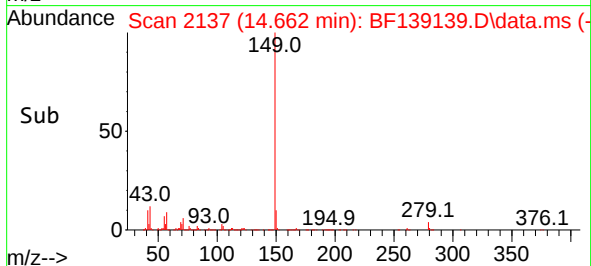
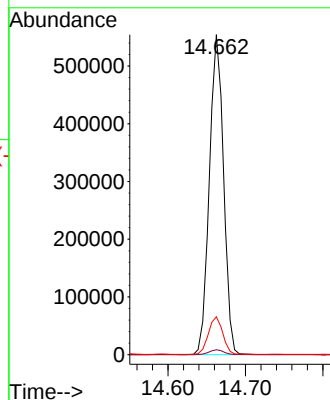
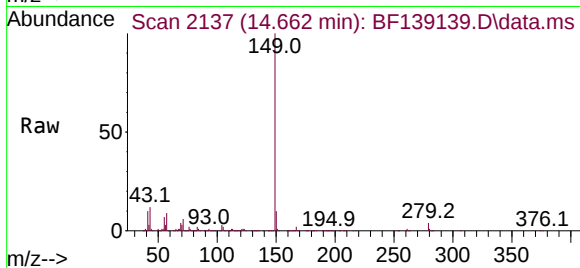
43 11.9 9.6 14.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/24/2024

Supervised By :mohammad ahmed 08/24/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. 0.006 min

Lab File: BF139139.D

Acq: 23 Aug 2024 11:12

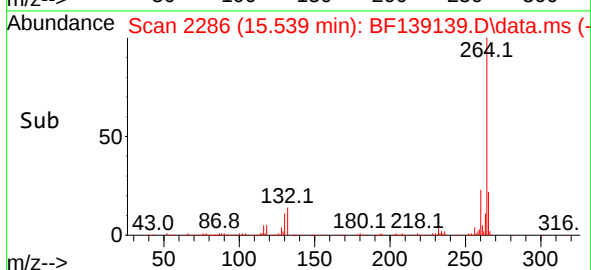
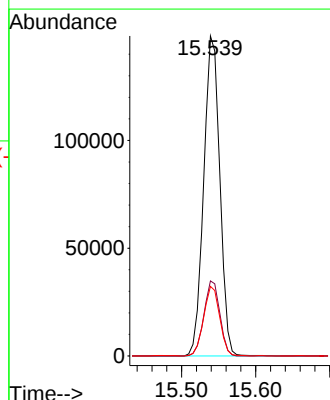
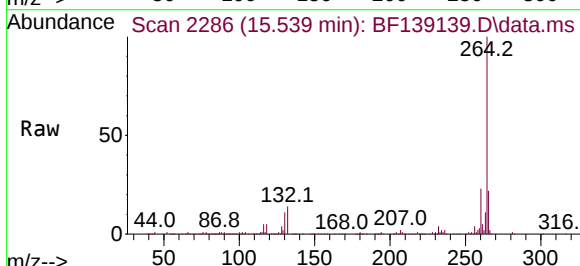
Tgt Ion:264 Resp: 224142

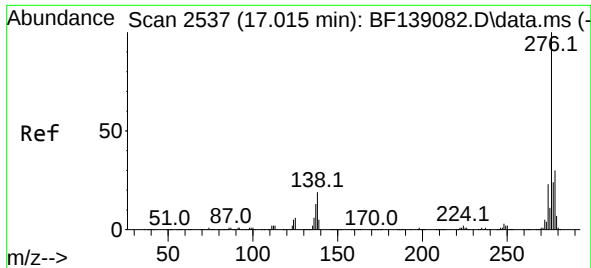
Ion Ratio Lower Upper

264 100

260 23.4 18.6 27.8

265 21.7 17.4 26.2





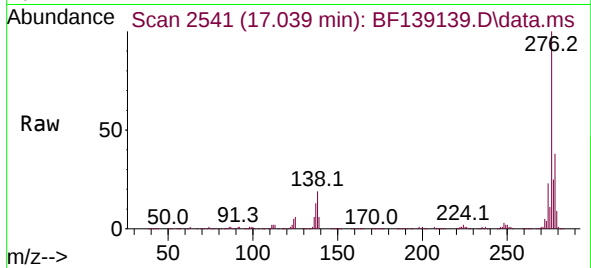
#87
Indeno(1,2,3-cd)pyrene
Concen: 58.462 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.023 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

Instrument :

BNA_F

ClientSampleId :

PB162917BS

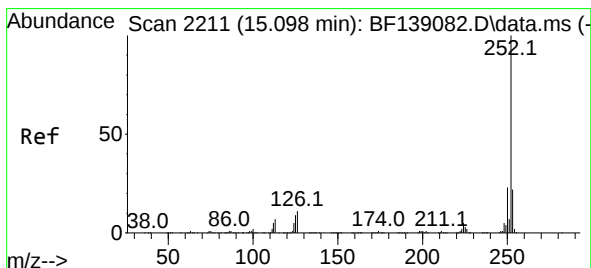
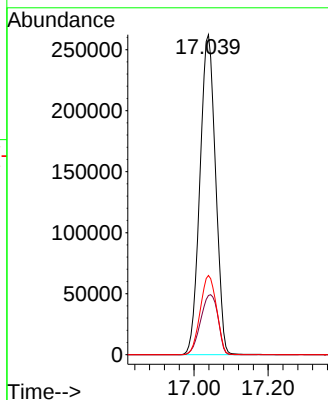
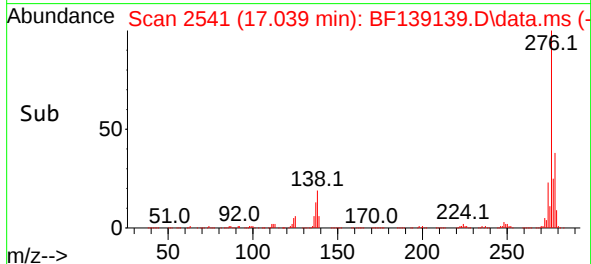


Tgt Ion:276 Resp: 76690
Ion Ratio Lower Upper
276 100
138 20.8 17.3 25.9
277 25.9 20.2 30.4

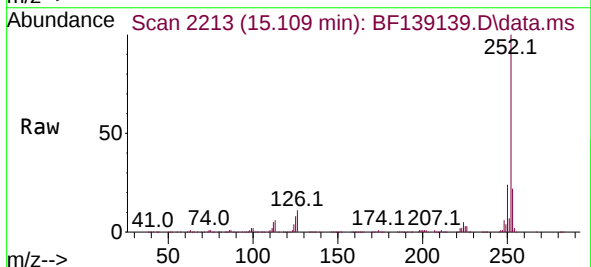
Manual Integrations

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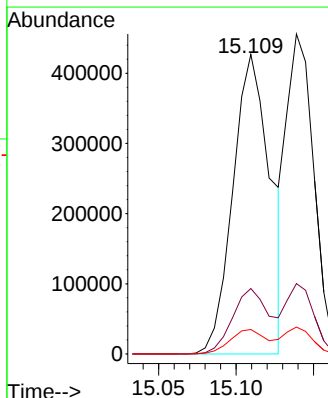
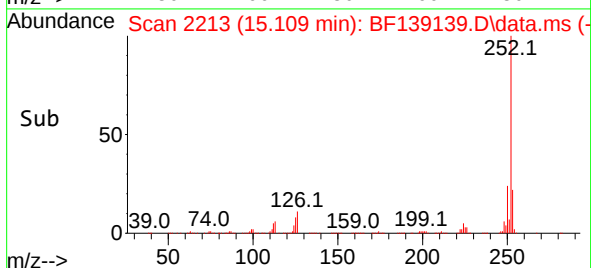
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

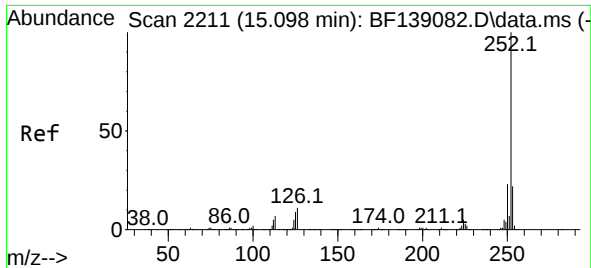


#88
Benzo(b)fluoranthene
Concen: 49.027 ng
RT: 15.109 min Scan# 2213
Delta R.T. 0.011 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



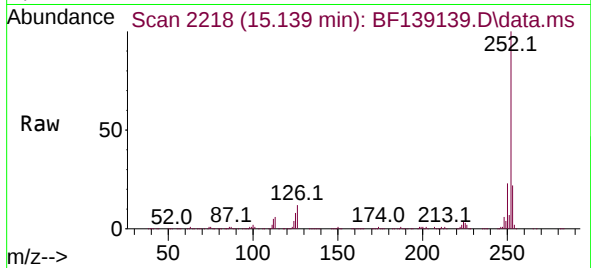
Tgt Ion:252 Resp: 716415
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 8.1 7.0 10.6





#89
Benzo(k)fluoranthene
Concen: 45.962 ng
RT: 15.139 min Scan# 211
Delta R.T. 0.006 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

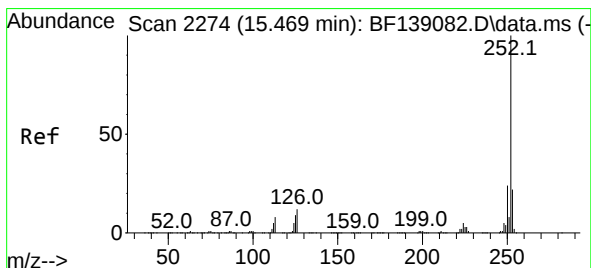
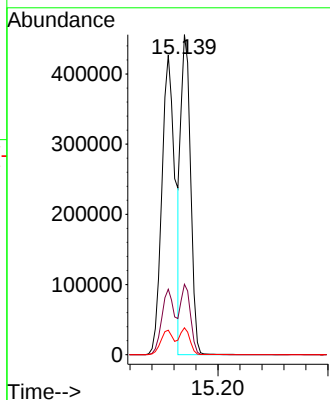
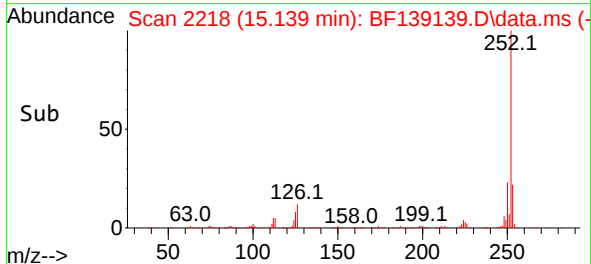
Instrument :
BNA_F
ClientSampleId :
PB162917BS



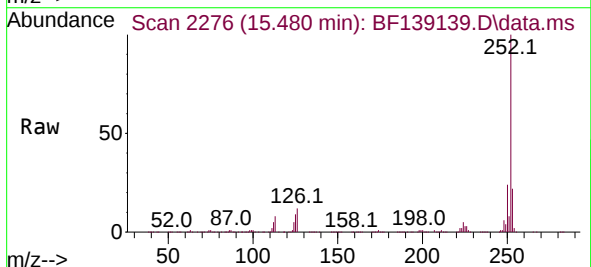
Tgt Ion:252 Resp: 559380
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.4 7.0 10.6

Manual Integrations
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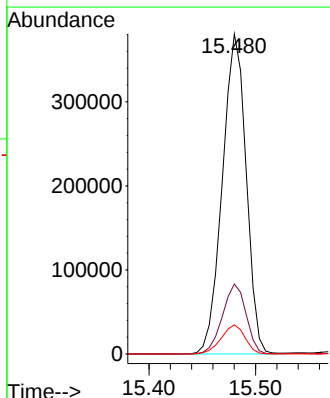
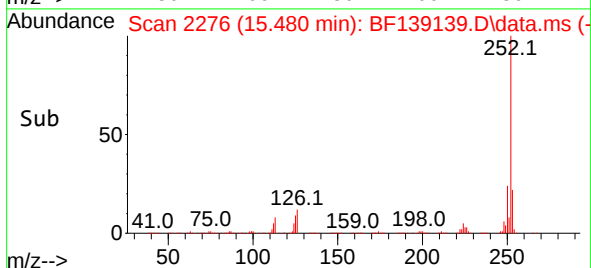
Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024

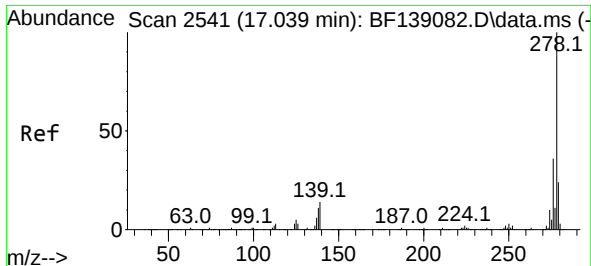


#90
Benzo(a)pyrene
Concen: 51.153 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.012 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



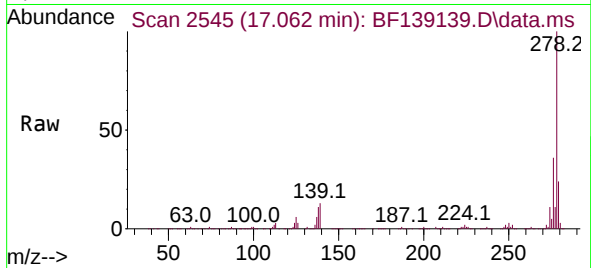
Tgt Ion:252 Resp: 590635
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.1 7.4 11.2





#91
Dibenzo(a,h)anthracene
Concen: 58.986 ng
RT: 17.062 min Scan# 2545
Delta R.T. 0.023 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12

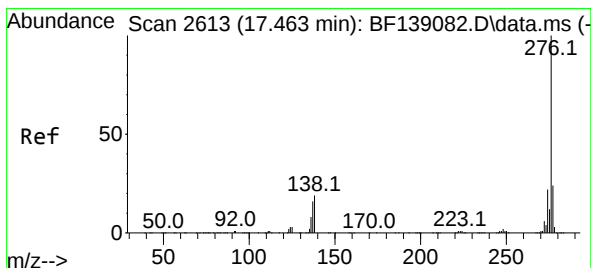
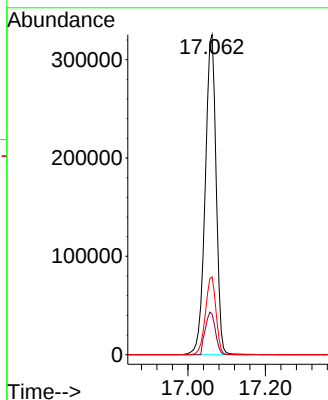
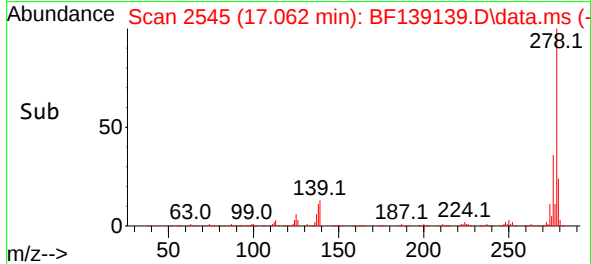
Instrument :
BNA_F
ClientSampleId :
PB162917BS



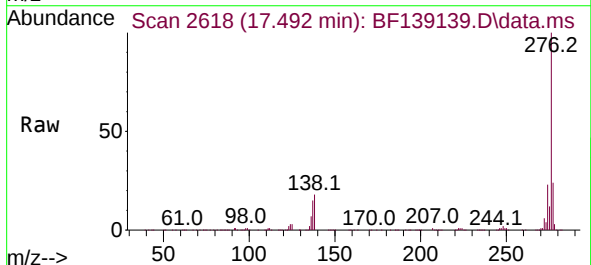
Tgt Ion:278 Resp: 63518
Ion Ratio Lower Upper
278 100
139 12.7 10.8 16.2
279 24.3 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 08/24/2024
Supervised By :mohammad ahmed 08/24/2024



#92
Benzo(g,h,i)perylene
Concen: 49.108 ng
RT: 17.492 min Scan# 2618
Delta R.T. 0.029 min
Lab File: BF139139.D
Acq: 23 Aug 2024 11:12



Tgt Ion:276 Resp: 605010
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 17.6 15.0 22.4

