

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102824\
 Data File : BF140077.D
 Acq On : 28 Oct 2024 10:29
 Operator : RC/JU
 Sample : PB164444BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164444BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

Quant Time: Oct 28 11:23:23 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 18 15:07:50 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	127868	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	495282	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	281323	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	511374	20.000	ng	0.00
76) Chrysene-d12	14.051	240	262593	20.000	ng	0.00
86) Perylene-d12	15.527	264	265684	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	983498	120.410	ng	0.02
7) Phenol-d6	6.516	99	1248557	118.025	ng	0.00
23) Nitrobenzene-d5	7.451	82	827399	92.589	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	372077	141.398	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1485083	87.245	ng	0.00
79) Terphenyl-d14	12.998	244	1542921	95.744	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.781	88	135793	35.657	ng	97
3) Pyridine	3.534	79	364598	38.624	ng	98
4) n-Nitrosodimethylamine	3.481	42	210444	41.494	ng	# 99
6) Aniline	6.551	93	381952	38.741	ng	100
8) 2-Chlorophenol	6.675	128	380511	45.570	ng	98
9) Benzaldehyde	6.440	77	75047	12.611	ng	96
10) Phenol	6.528	94	480470m	44.055	ng	
11) bis(2-Chloroethyl)ether	6.622	93	369586	43.843	ng	99
12) 1,3-Dichlorobenzene	6.834	146	409351	42.706	ng	99
13) 1,4-Dichlorobenzene	6.910	146	418487	43.700	ng	99
14) 1,2-Dichlorobenzene	7.057	146	399902	44.744	ng	98
15) Benzyl Alcohol	7.028	79	358350	46.179	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	620620	43.177	ng	98
17) 2-Methylphenol	7.139	107	315983	44.379	ng	98
18) Hexachloroethane	7.404	117	150834	44.169	ng	96
19) n-Nitroso-di-n-propyla...	7.304	70	281684	43.903	ng	97
20) 3+4-Methylphenols	7.292	107	391158	42.951	ng	# 77
22) Acetophenone	7.298	105	532350	43.883	ng	99
24) Nitrobenzene	7.469	77	425814	43.461	ng	99
25) Isophorone	7.710	82	773146	45.583	ng	99
26) 2-Nitrophenol	7.786	139	188880	51.101	ng	98
27) 2,4-Dimethylphenol	7.822	122	320582	52.015	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	456094	44.384	ng	99
29) 2,4-Dichlorophenol	8.028	162	318680	45.395	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	336007	43.256	ng	98
31) Naphthalene	8.192	128	1127006	44.121	ng	99
32) Benzoic acid	7.939	122	216873	40.344	ng	99
33) 4-Chloroaniline	8.239	127	159322	18.292	ng	98
34) Hexachlorobutadiene	8.310	225	219251	44.923	ng	98
35) Caprolactam	8.610	113	103223m	46.244	ng	
36) 4-Chloro-3-methylphenol	8.716	107	357353	45.972	ng	100
37) 2-Methylnaphthalene	8.886	142	713865	45.632	ng	99
38) 1-Methylnaphthalene	8.986	142	669536	43.622	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	338977	44.663	ng	99
41) Hexachlorocyclopentadiene	9.039	237	437259	165.576	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	246720	45.915	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.204	196	247409	44.627	ng	98
46) 1,1'-Biphenyl	9.351	154	859069	43.865	ng	99
47) 2-Chloronaphthalene	9.375	162	677574	42.957	ng	100
48) 2-Nitroaniline	9.469	65	236689	49.063	ng	95
49) Acenaphthylene	9.792	152	1088844	47.749	ng	100
50) Dimethylphthalate	9.651	163	804892	45.933	ng	100
51) 2,6-Dinitrotoluene	9.710	165	179884	47.412	ng	99
52) Acenaphthene	9.963	154	735816	49.881	ng	99
53) 3-Nitroaniline	9.875	138	109911	28.091	ng	98
54) 2,4-Dinitrophenol	9.986	184	177437	109.904	ng	# 1
55) Dibenzofuran	10.133	168	947573	44.771	ng	100
56) 4-Nitrophenol	10.033	139	286527	95.186	ng	96
57) 2,4-Dinitrotoluene	10.116	165	244414	52.385	ng	99
58) Fluorene	10.480	166	727905	45.154	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.251	232	212306	48.851	ng	97
60) Diethylphthalate	10.351	149	791021	45.976	ng	100
61) 4-Chlorophenyl-phenyle...	10.469	204	369072	45.336	ng	99
62) 4-Nitroaniline	10.498	138	180917	48.958	ng	97
63) Azobenzene	10.627	77	806460	44.214	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	126328	60.564	ng	95
66) n-Nitrosodiphenylamine	10.586	169	680576	44.467	ng	100
67) 4-Bromophenyl-phenylether	10.957	248	237977	45.173	ng	98
68) Hexachlorobenzene	11.027	284	266322	44.950	ng	96
69) Atrazine	11.116	200	224215	54.080	ng	99
70) Pentachlorophenol	11.216	266	322659	89.731	ng	99
71) Phenanthrene	11.439	178	1074904	44.500	ng	100
72) Anthracene	11.492	178	1107771	47.004	ng	100
73) Carbazole	11.645	167	952915	43.475	ng	99
74) Di-n-butylphthalate	11.974	149	1167048	46.086	ng	99
75) Fluoranthene	12.627	202	1073772	43.973	ng	99
77) Benzidine	12.745	184	237729	55.056	ng	99
78) Pyrene	12.857	202	1070018	46.552	ng	100
80) Butylbenzylphthalate	13.468	149	358899	52.081	ng	99
81) Benzo(a)anthracene	14.045	228	824539	48.236	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	161964	32.497	ng	99
83) Chrysene	14.080	228	734278	46.850	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	433668	56.091	ng	100
85) Di-n-octyl phthalate	14.639	149	699522	49.743	ng	97
87) Indeno(1,2,3-cd)pyrene	17.033	276	839150	49.096	ng	98
88) Benzo(b)fluoranthene	15.098	252	705155	43.570	ng	99
89) Benzo(k)fluoranthene	15.127	252	711830	50.999	ng	99
90) Benzo(a)pyrene	15.468	252	674445	50.645	ng	99
91) Dibenzo(a,h)anthracene	17.051	278	679796	47.676	ng	98
92) Benzo(g,h,i)perylene	17.486	276	644416	45.246	ng	98

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

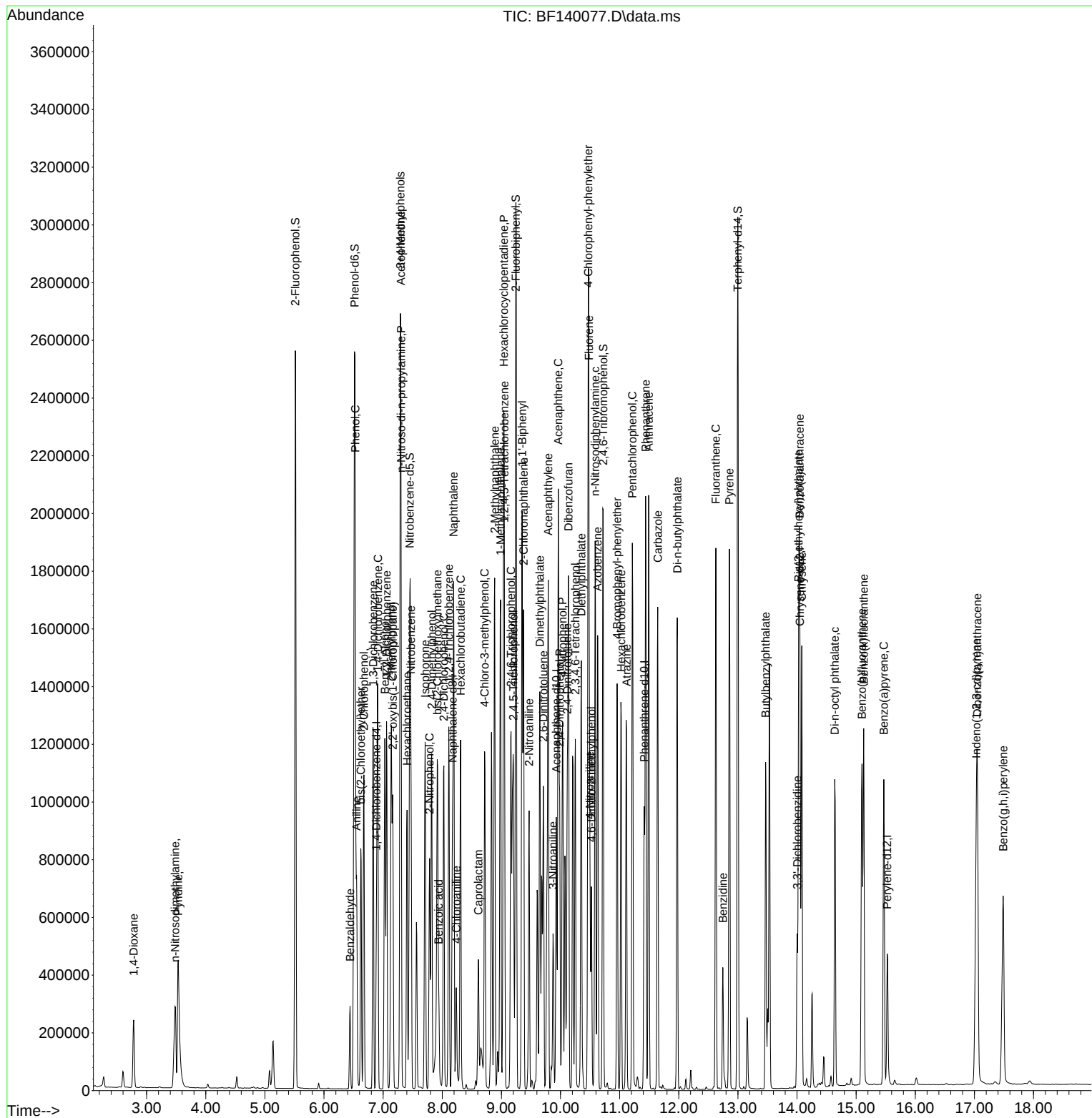
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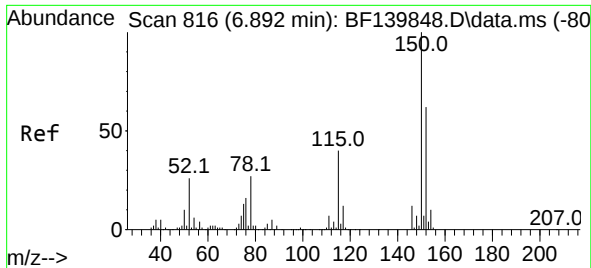
Instrument :
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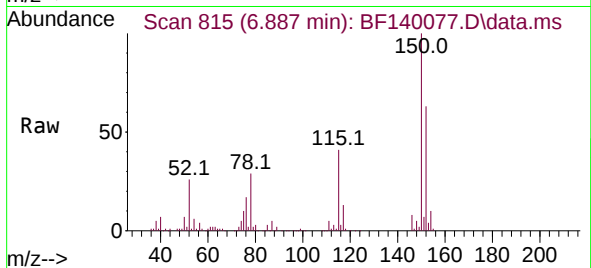
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.005 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

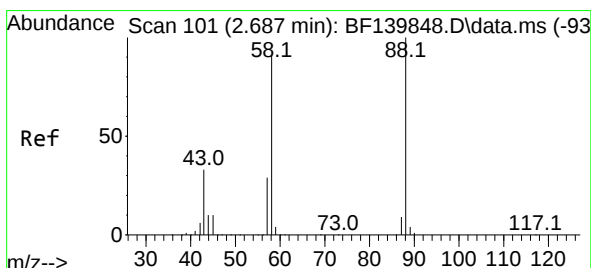
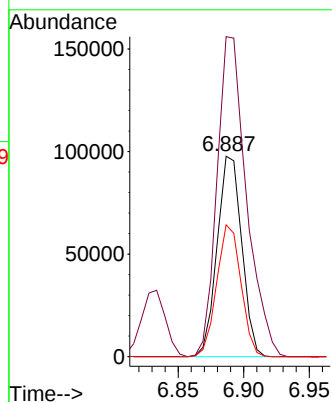
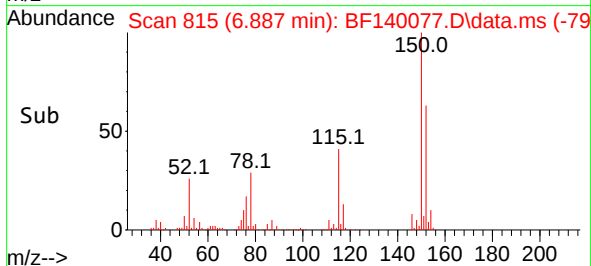
Instrument :
BNA_F
ClientSampleId :
PB164444BS



Tgt Ion:152 Resp: 127868
Ion Ratio Lower Upper
152 100
150 159.6 130.2 195.2
115 65.7 51.4 77.2

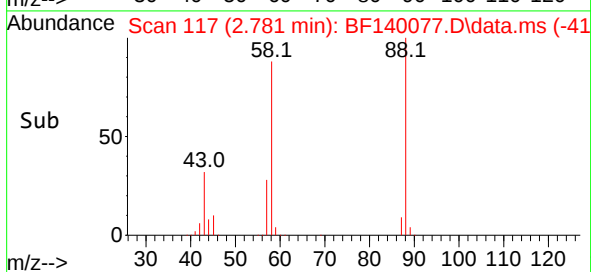
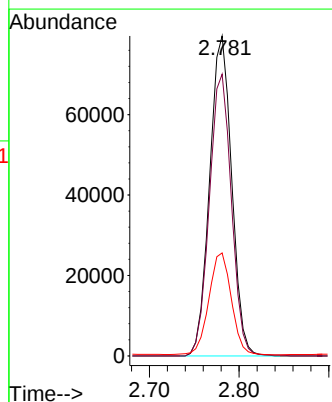
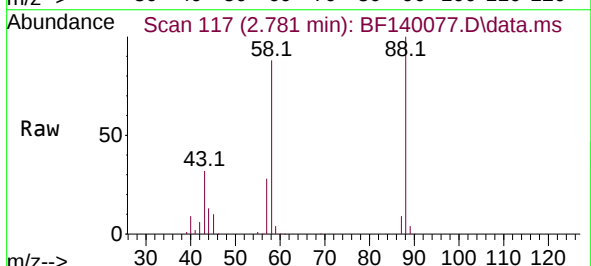
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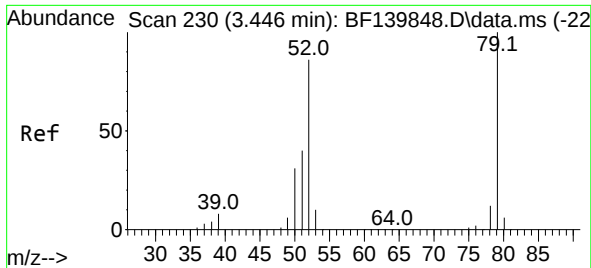
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#2
1,4-Dioxane
Concen: 35.657 ng
RT: 2.781 min Scan# 117
Delta R.T. 0.094 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion: 88 Resp: 135793
Ion Ratio Lower Upper
88 100
58 88.2 73.3 109.9
43 32.6 27.1 40.7





#3

Pyridine

Concen: 38.624 ng

RT: 3.534 min Scan# 24

Delta R.T. 0.088 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

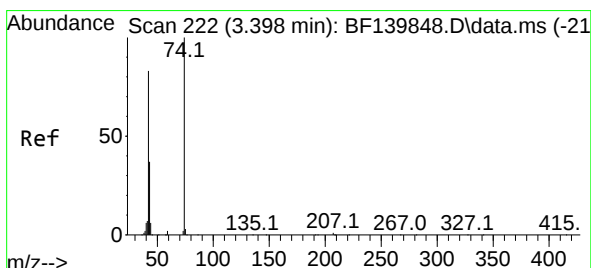
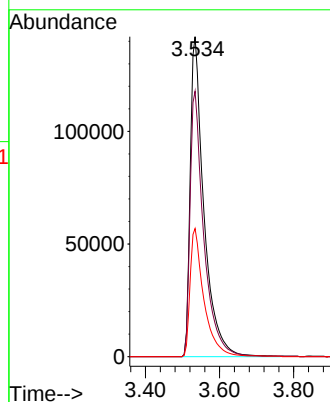
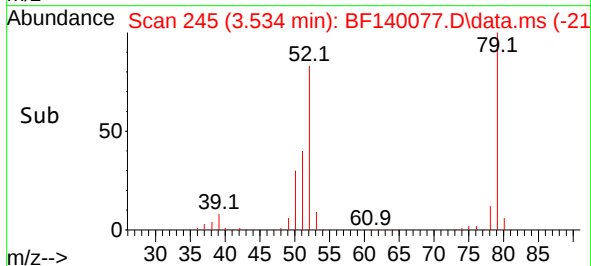
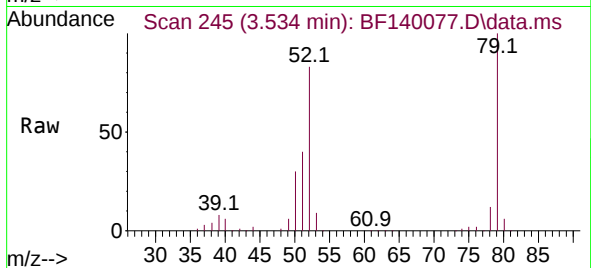
Tgt Ion: 79 Resp: 364598
 Ion Ratio Lower Upper
 79 100
 52 82.9 68.5 102.7
 51 40.0 32.3 48.5

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#4

n-Nitrosodimethylamine

Concen: 41.494 ng

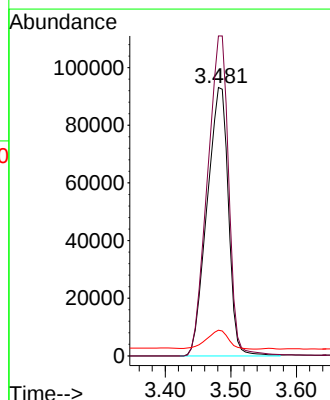
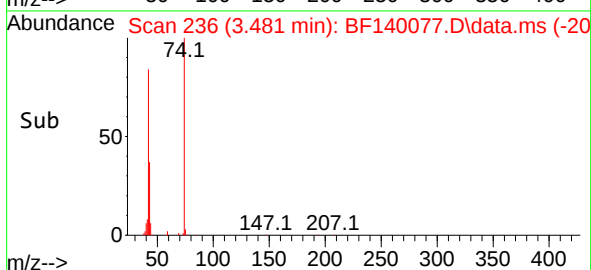
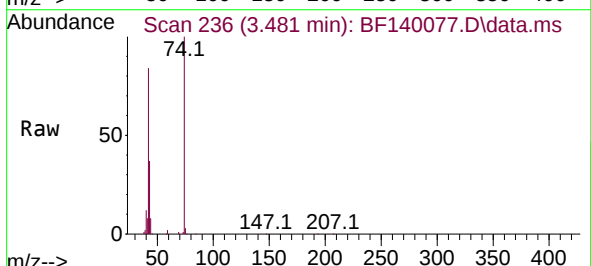
RT: 3.481 min Scan# 236

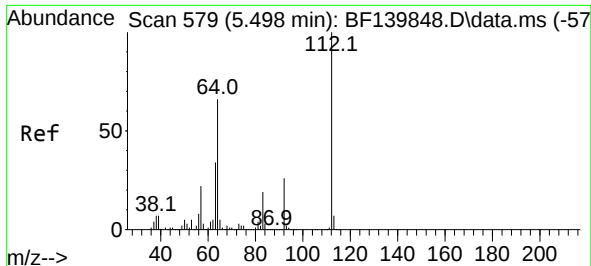
Delta R.T. 0.082 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion: 42 Resp: 210444
 Ion Ratio Lower Upper
 42 100
 74 119.2 96.2 144.4
 44 9.6 6.2 9.2#





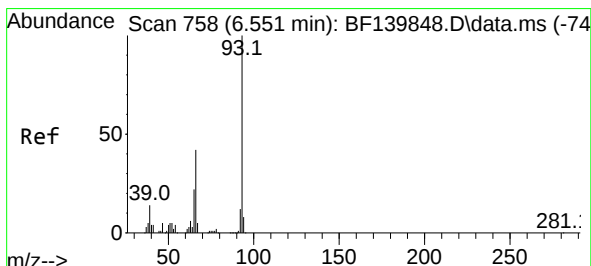
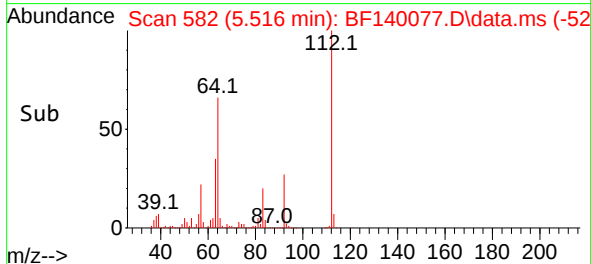
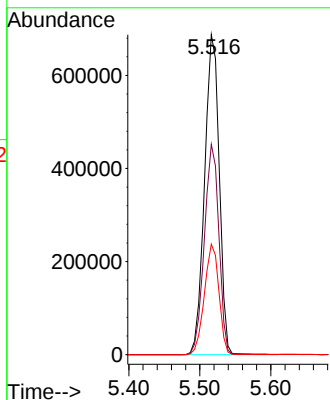
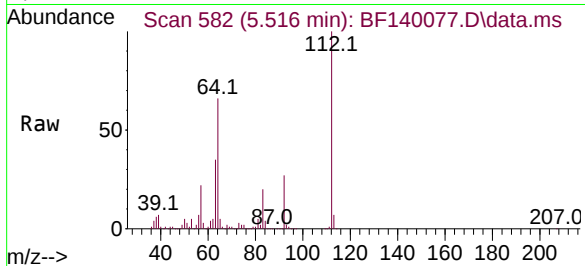
#5
2-Fluorophenol
Concen: 120.410 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :
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ClientSampleId :
PB164444BS

Tgt Ion: 112 Resp: 983498
Ion Ratio Lower Upper
112 100
64 65.8 53.0 79.6
63 34.5 27.0 40.4

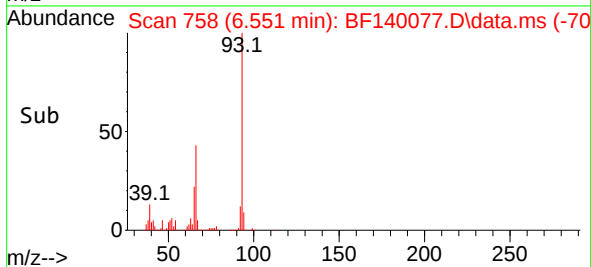
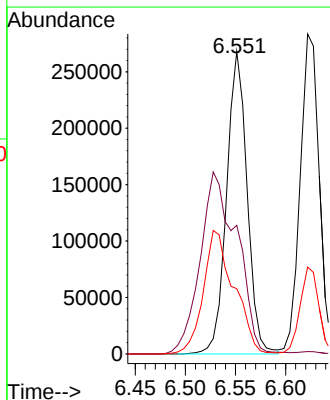
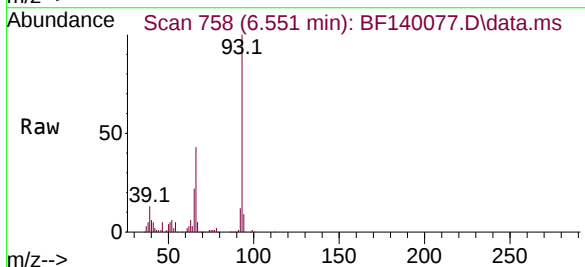
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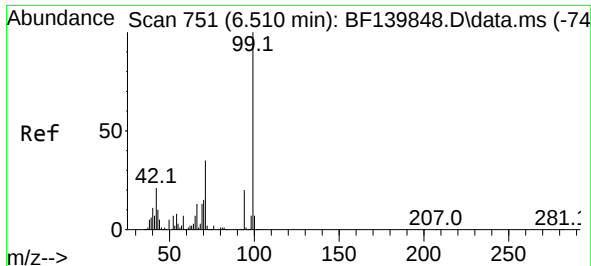
Reviewed By :Yogesh Patel 10/29/2024
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#6
Aniline
Concen: 38.741 ng
RT: 6.551 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion: 93 Resp: 381952
Ion Ratio Lower Upper
93 100
66 42.5 34.0 51.0
65 21.6 17.4 26.0





#7

Phenol-d6

Concen: 118.025 ng

RT: 6.516 min Scan# 751

Delta R.T. 0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

Tgt Ion: 99 Resp: 124855

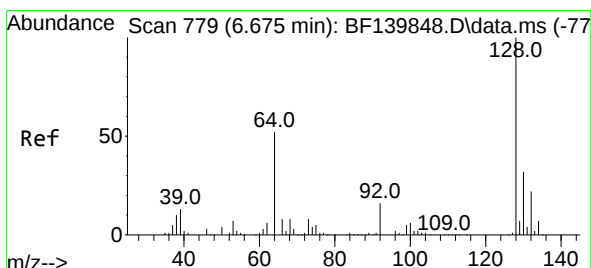
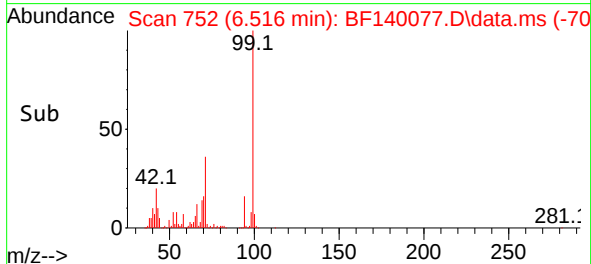
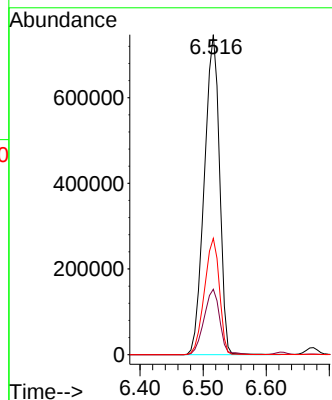
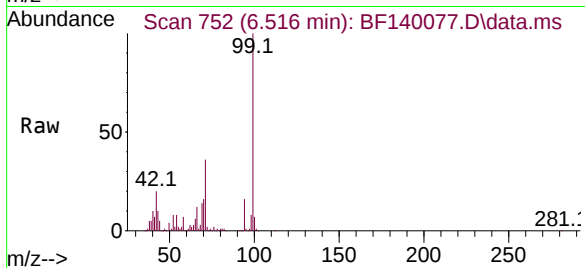
Ion	Ratio	Lower	Upper
99	100		
42	20.5	16.7	25.1
71	36.3	27.7	41.5

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#8

2-Chlorophenol

Concen: 45.570 ng

RT: 6.675 min Scan# 779

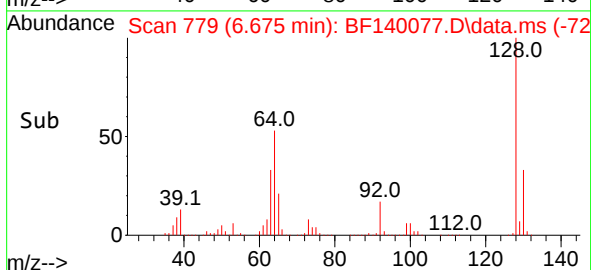
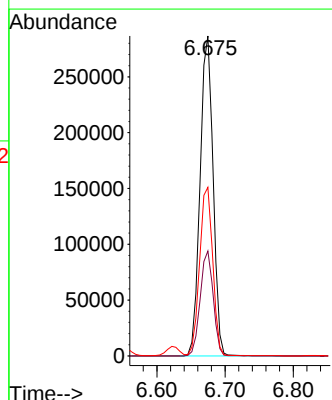
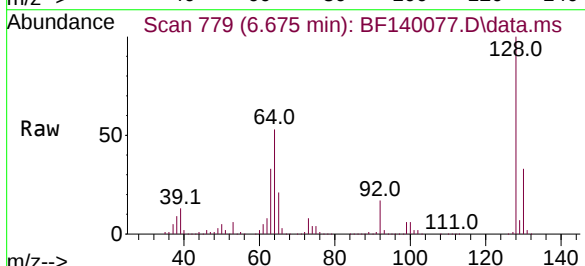
Delta R.T. 0.000 min

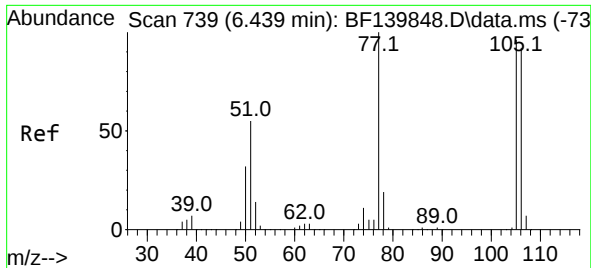
Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion:128 Resp: 380511

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.3	52.3
64	52.7	34.6	74.6





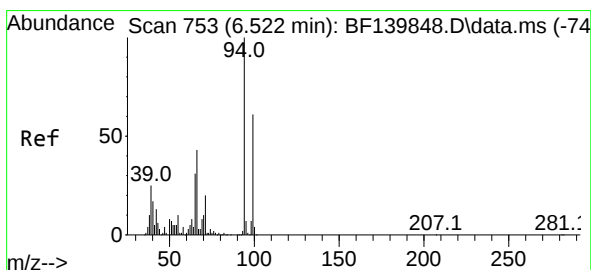
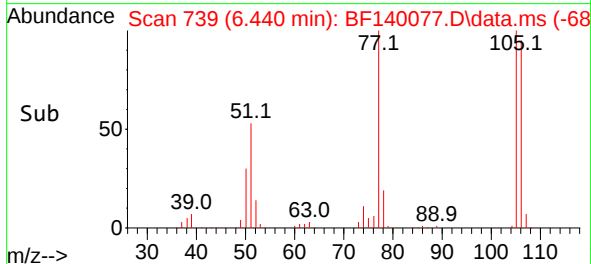
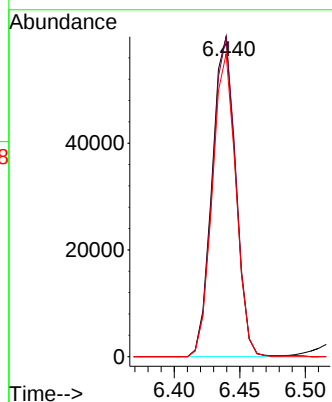
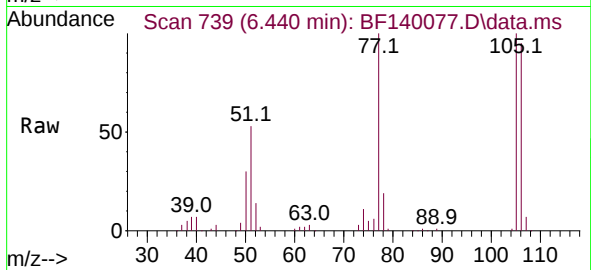
#9
Benzaldehyde
Concen: 12.611 ng
RT: 6.440 min Scan# 739
Delta R.T. 0.001 min
Lab File: BF140077.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 77	Resp: 7504
Ion Ratio	Lower Upper
77 100	
105 99.9	75.5 115.5
106 94.6	71.7 111.7

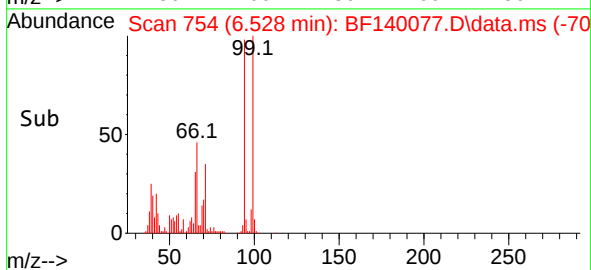
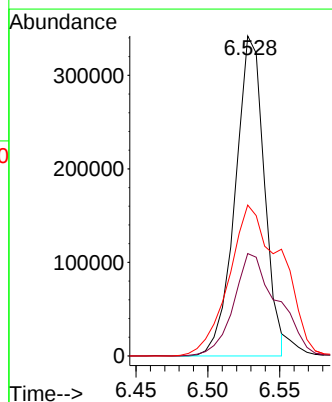
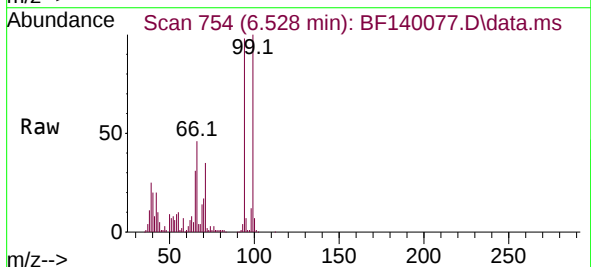
Manual Integrations
APPROVED

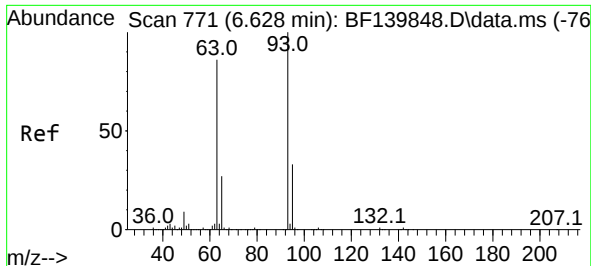
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#10
Phenol
Concen: 44.055 ng m
RT: 6.528 min Scan# 754
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

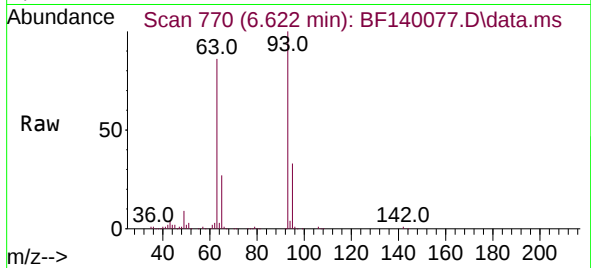
Tgt Ion: 94	Resp: 480470
Ion Ratio	Lower Upper
94 100	
65 32.0	11.1 51.1
66 47.1	22.7 62.7





#11
bis(2-Chloroethyl)ether
Concen: 43.843 ng
RT: 6.622 min Scan# 771
Delta R.T. -0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

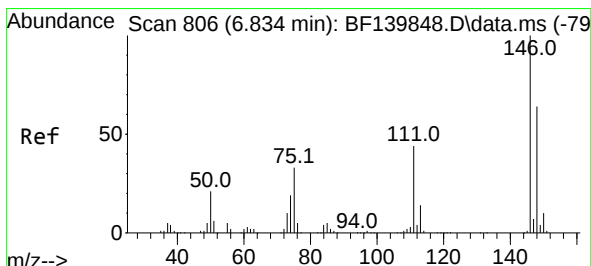
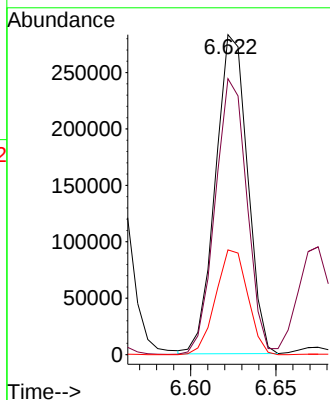
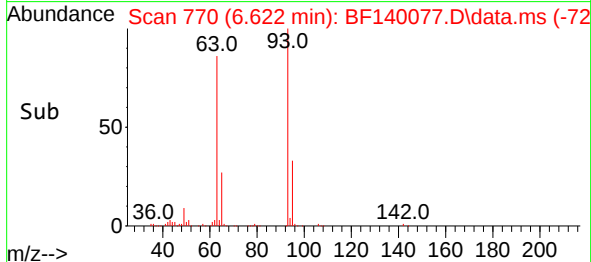
Instrument :
BNA_F
ClientSampleId :
PB164444BS



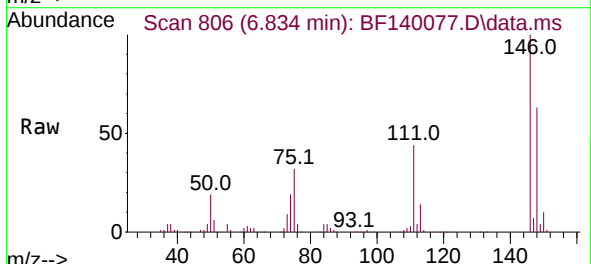
Tgt Ion: 93 Resp: 369586
Ion Ratio Lower Upper
93 100
63 86.2 65.0 105.0
95 32.7 12.4 52.4

Manual Integrations
APPROVED

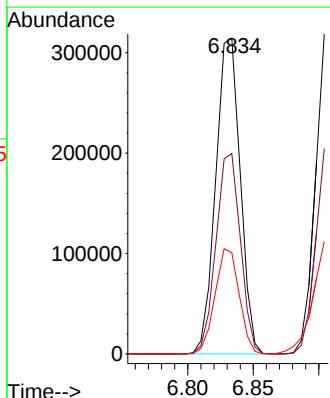
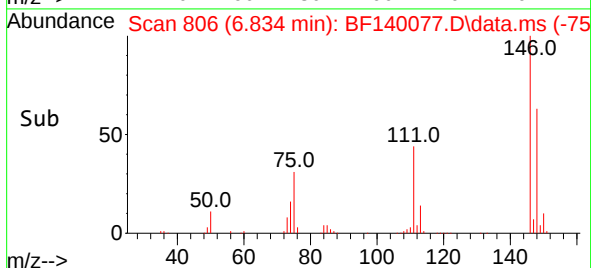
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

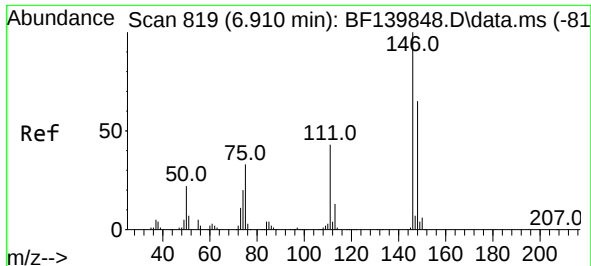


#12
1,3-Dichlorobenzene
Concen: 42.706 ng
RT: 6.834 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



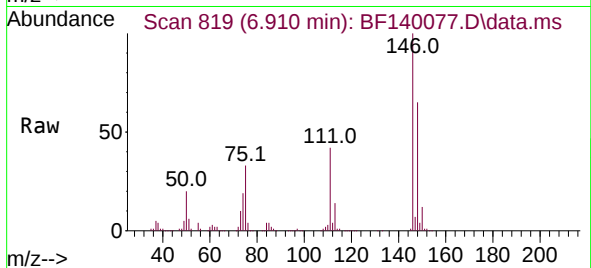
Tgt Ion:146 Resp: 409351
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 32.1 26.4 39.6





#13
1,4-Dichlorobenzene
Concen: 43.700 ng
RT: 6.910 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

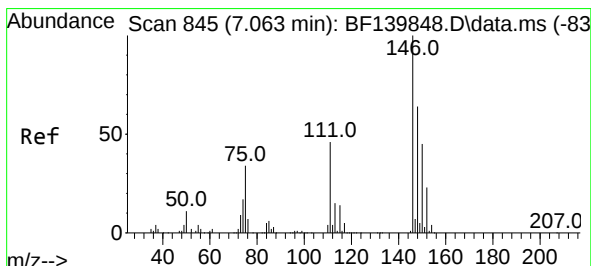
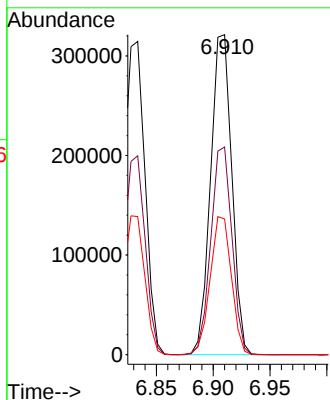
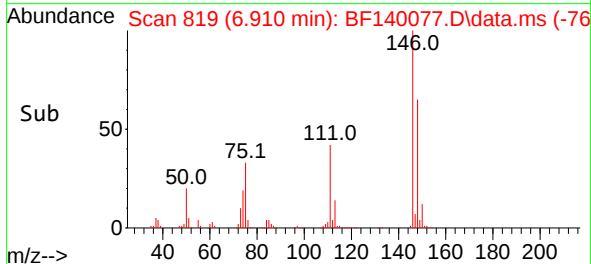
Instrument :
BNA_F
ClientSampleId :
PB164444BS



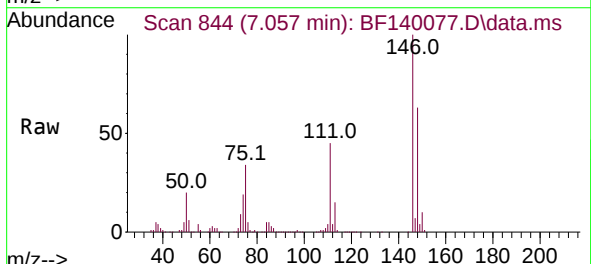
Tgt Ion:146 Resp: 41848
Ion Ratio Lower Upper
146 100
148 64.9 51.8 77.8
111 42.4 34.6 51.8

Manual Integrations
APPROVED

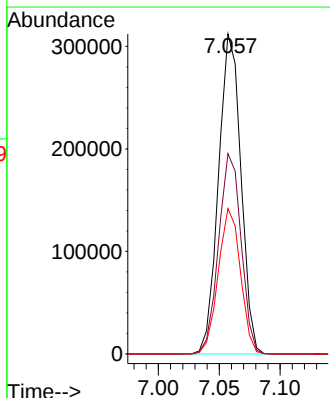
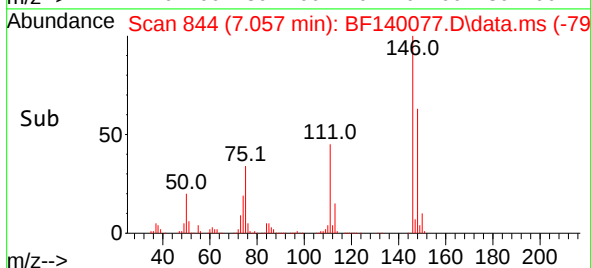
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

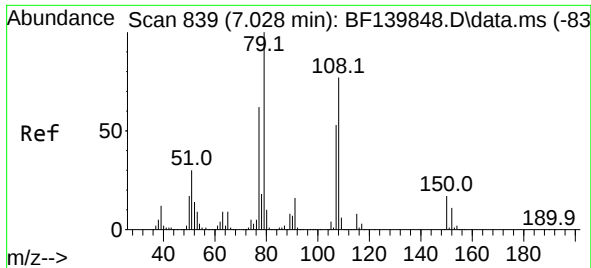


#14
1,2-Dichlorobenzene
Concen: 44.744 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



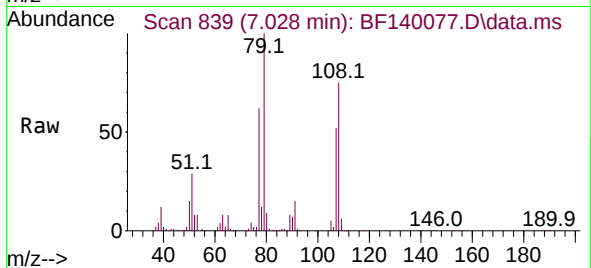
Tgt Ion:146 Resp: 399902
Ion Ratio Lower Upper
146 100
148 62.6 51.4 77.2
111 45.4 36.7 55.1





#15
Benzyl Alcohol
Concen: 46.179 ng
RT: 7.028 min Scan# 839
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

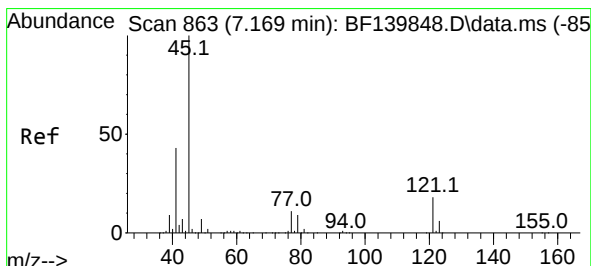
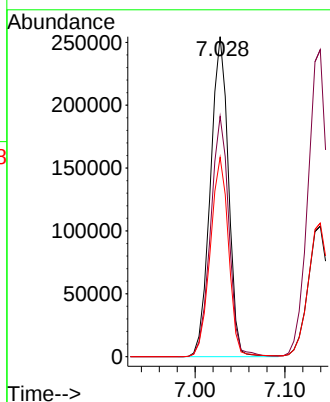
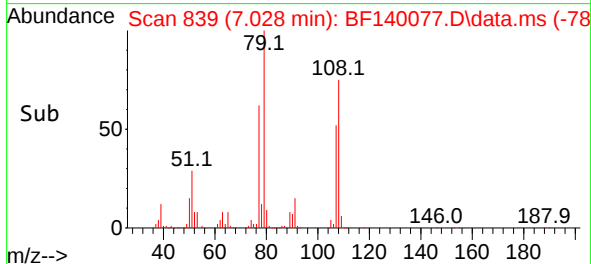
Instrument :
BNA_F
ClientSampleId :
PB164444BS



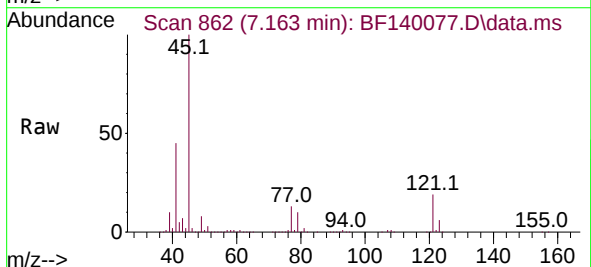
Tgt Ion: 79 Resp: 358350
Ion Ratio Lower Upper
79 100
108 75.1 61.4 92.0
77 62.3 49.9 74.9

Manual Integrations
APPROVED

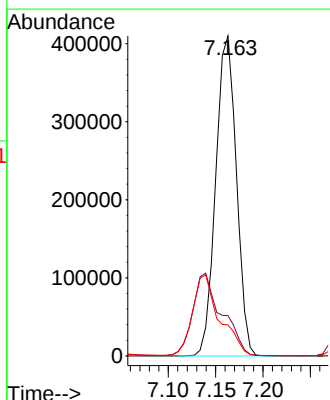
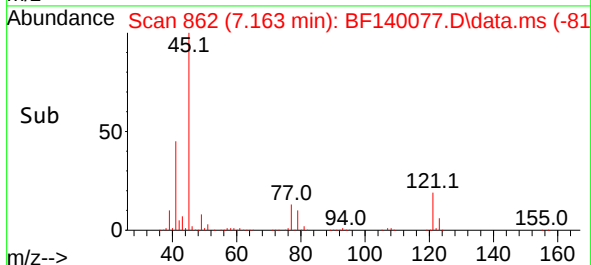
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

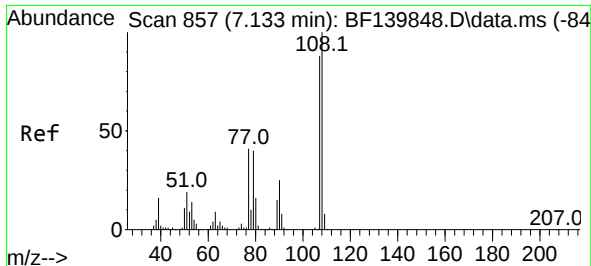


#16
2,2'-oxybis(1-chloropropane)
Concen: 43.177 ng
RT: 7.163 min Scan# 862
Delta R.T. -0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion: 45 Resp: 620620
Ion Ratio Lower Upper
45 100
77 12.6 0.0 31.5
79 9.7 0.0 29.1





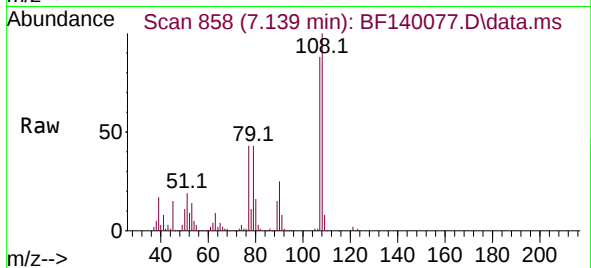
#17
2-Methylphenol
Concen: 44.379 ng
RT: 7.139 min Scan# 857
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

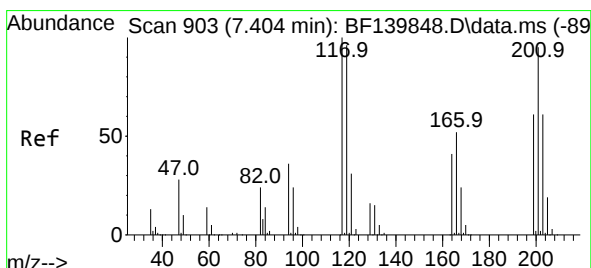
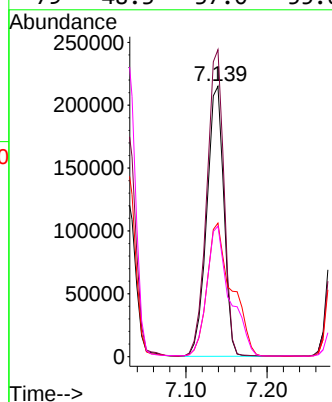
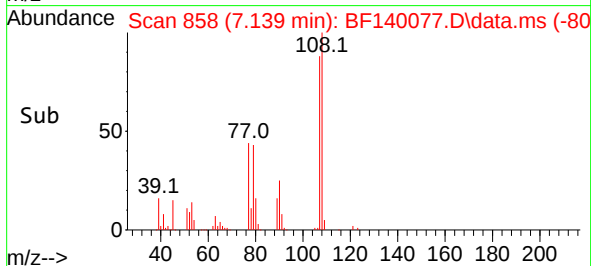


Tgt Ion:107 Resp: 315983
Ion Ratio Lower Upper
107 100
108 113.5 91.3 136.9
77 49.4 37.1 55.7
79 48.3 37.0 55.6

Manual Integrations

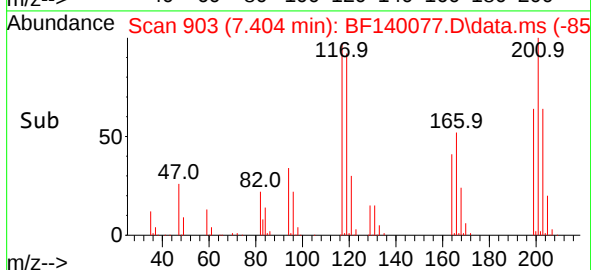
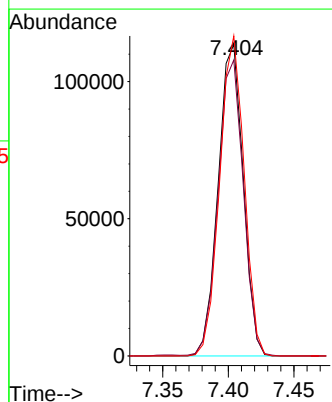
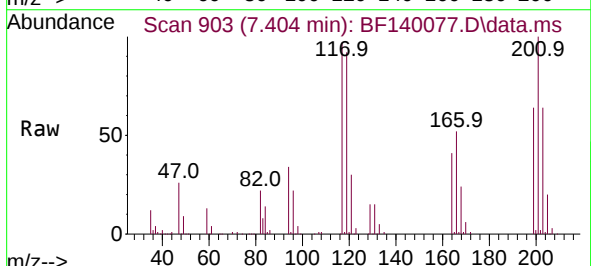
APPROVED

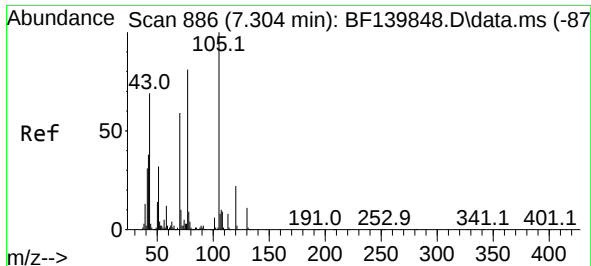
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#18
Hexachloroethane
Concen: 44.169 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

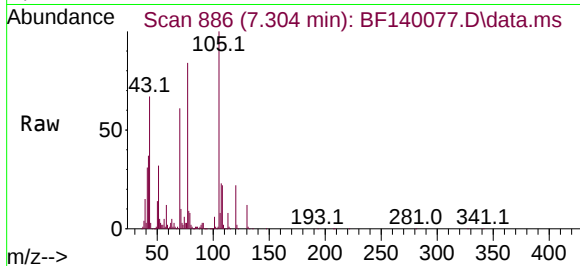
Tgt Ion:117 Resp: 150834
Ion Ratio Lower Upper
117 100
119 95.0 77.0 115.4
201 102.8 76.2 114.4





#19
n-Nitroso-di-n-propylamine
Concen: 43.903 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

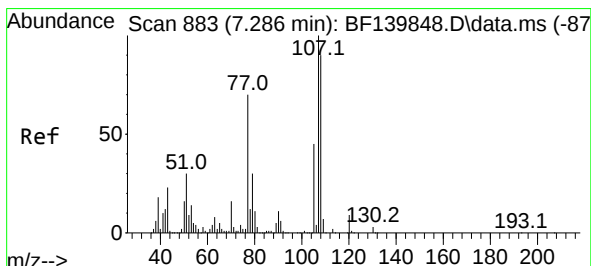
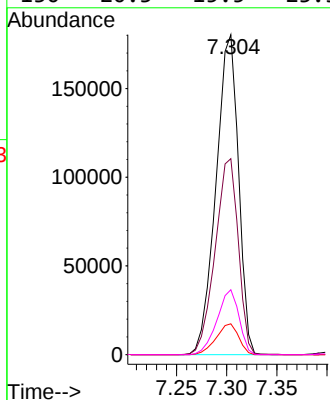
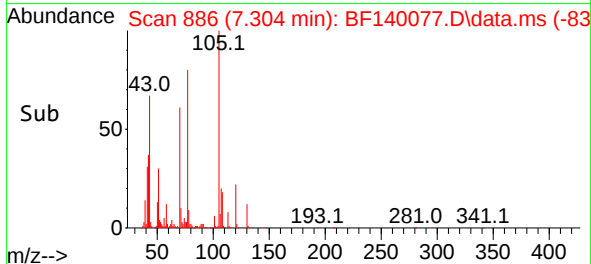
Instrument :
BNA_F
ClientSampleId :
PB164444BS



Tgt Ion:	70	Resp:	281684
Ion	Ratio	Lower	Upper
70	100		
42	61.2	51.5	77.3
101	9.6	7.5	11.3
130	20.3	15.5	23.3

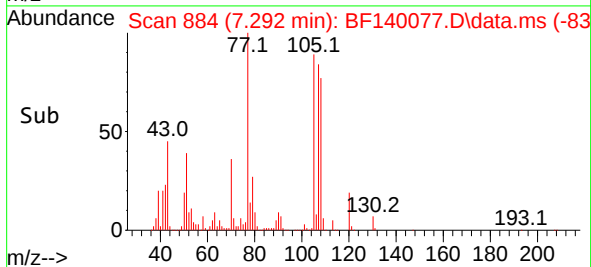
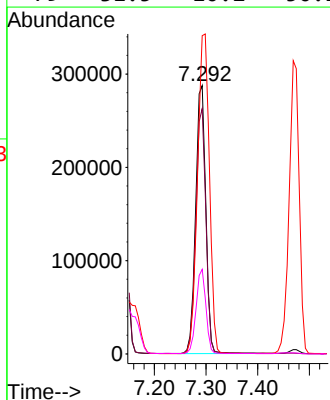
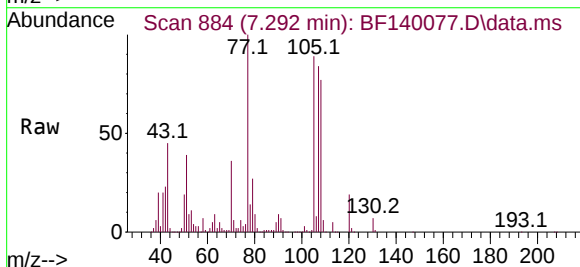
Manual Integrations
APPROVED

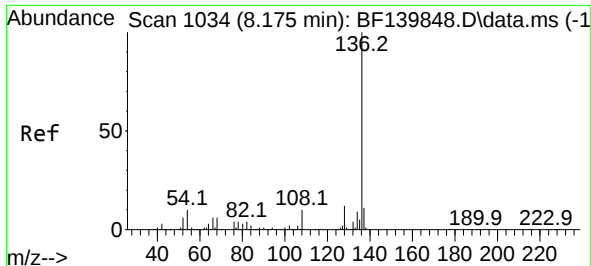
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#20
3+4-Methylphenols
Concen: 42.951 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

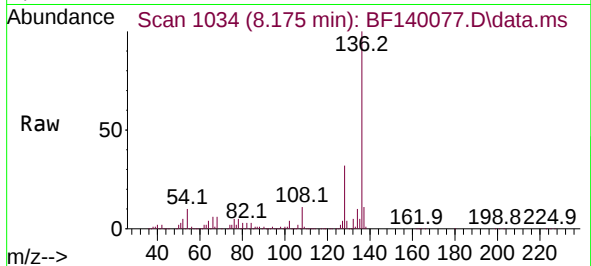
Tgt Ion:	107	Resp:	391158
Ion	Ratio	Lower	Upper
107	100		
108	91.5	69.8	109.8
77	118.6	50.5	90.5#
79	31.5	10.2	50.2





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.175 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

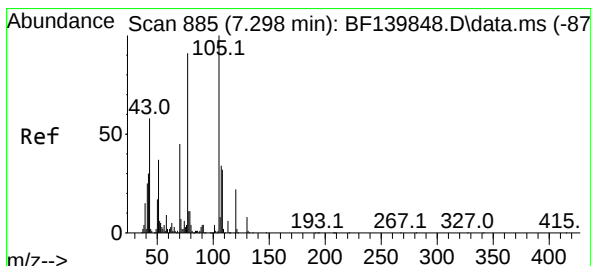
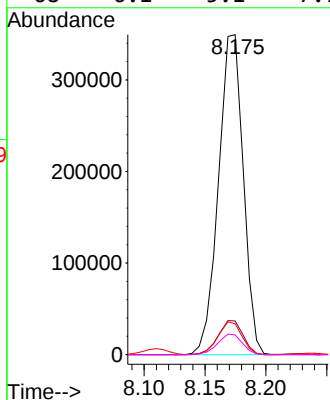
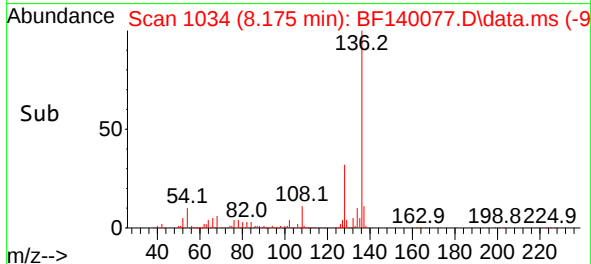
Instrument :
BNA_F
ClientSampleId :
PB164444BS



Tgt Ion:136 Resp: 495282
Ion Ratio Lower Upper
136 100
137 10.5 8.6 12.8
54 9.6 8.4 12.6
68 6.1 5.1 7.7

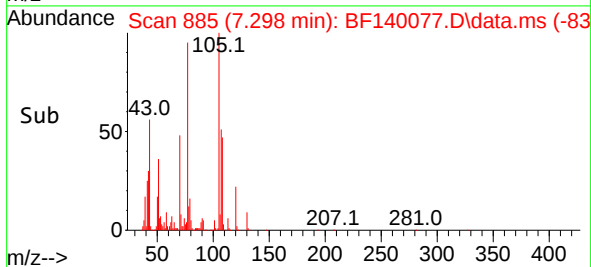
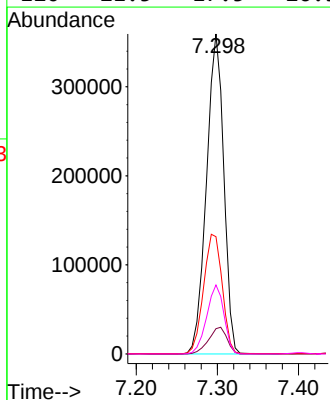
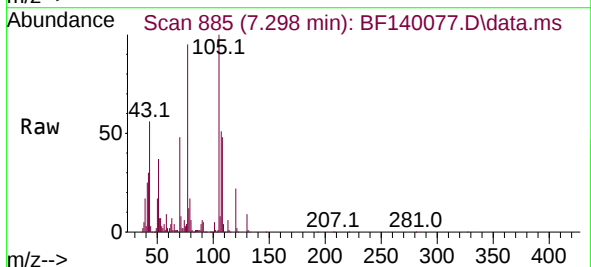
Manual Integrations
APPROVED

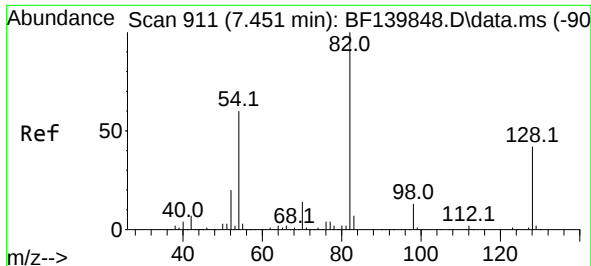
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#22
Acetophenone
Concen: 43.883 ng
RT: 7.298 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:105 Resp: 532350
Ion Ratio Lower Upper
105 100
71 7.9 5.9 8.9
51 36.6 29.4 44.2
120 21.5 17.5 26.3





#23

Nitrobenzene-d5

Concen: 92.589 ng

RT: 7.451 min Scan# 911

Delta R.T. 0.000 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

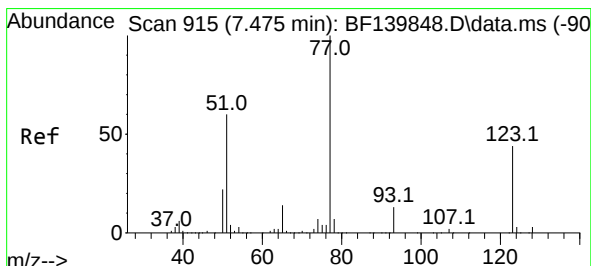
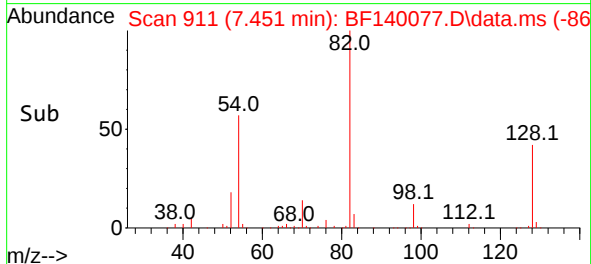
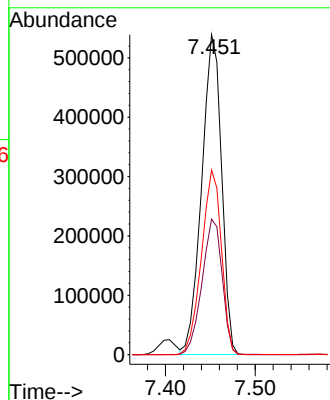
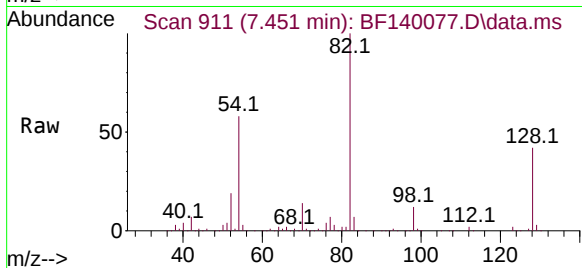
PB164444BS

Tgt Ion: 82 Resp: 827395
 Ion Ratio Lower Upper
 82 100
 128 42.3 33.4 50.0
 54 57.7 47.8 71.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



#24

Nitrobenzene

Concen: 43.461 ng

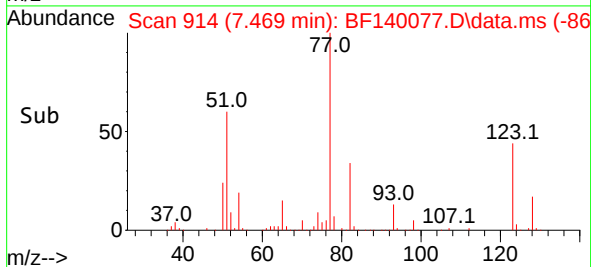
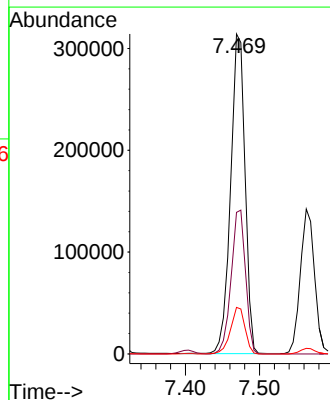
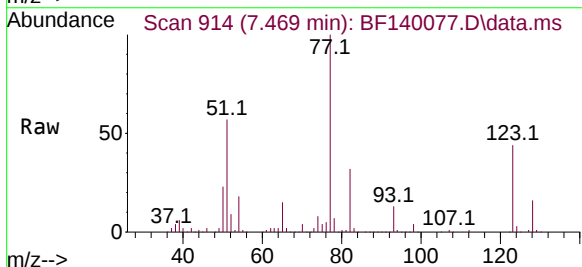
RT: 7.469 min Scan# 914

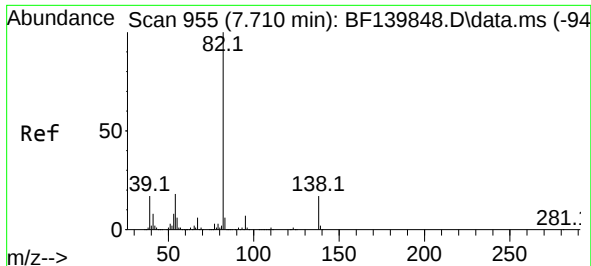
Delta R.T. -0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

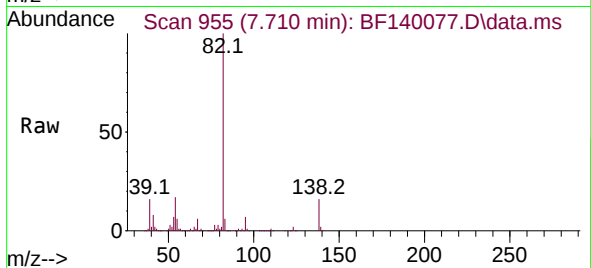
Tgt Ion: 77 Resp: 425814
 Ion Ratio Lower Upper
 77 100
 123 44.2 35.7 53.5
 65 14.5 11.5 17.3





#25
Isophorone
Concen: 45.583 ng
RT: 7.710 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

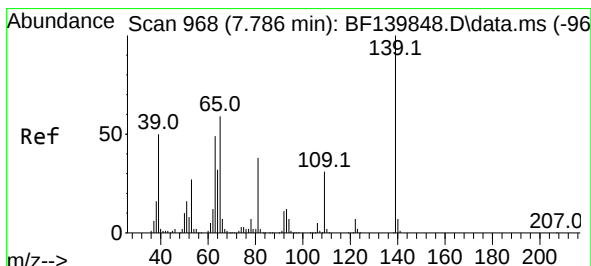
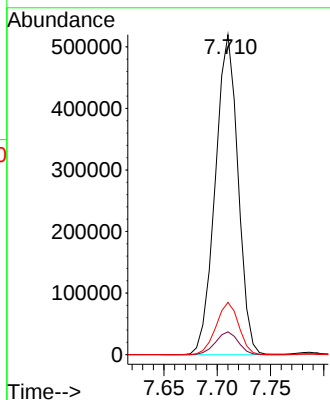
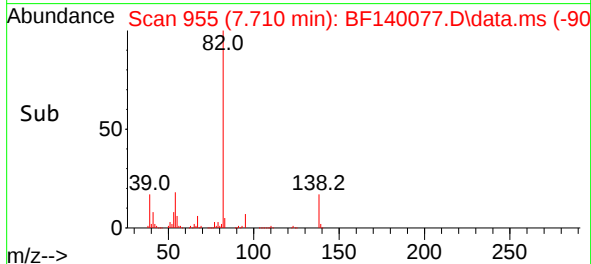
Instrument :
BNA_F
ClientSampleId :
PB164444BS



Tgt Ion: 82 Resp: 773146
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.3 13.2 19.8

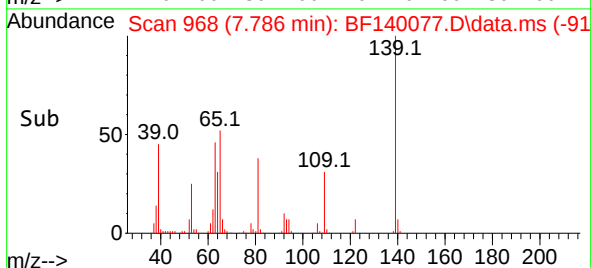
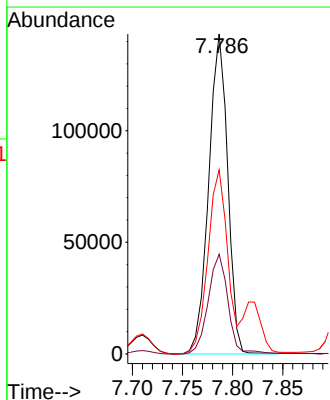
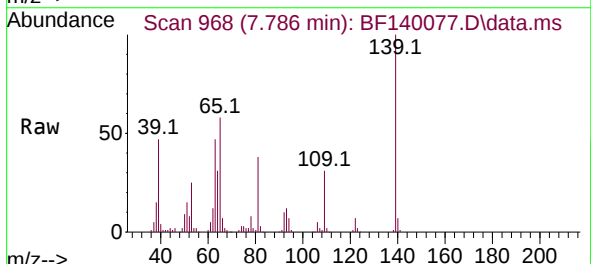
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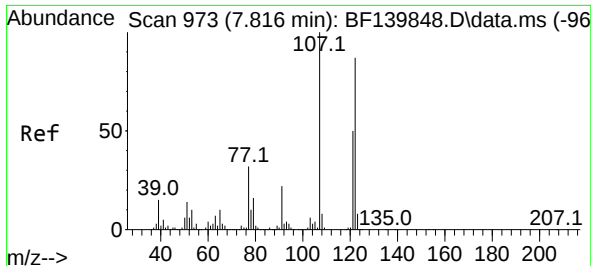
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#26
2-Nitrophenol
Concen: 51.101 ng
RT: 7.786 min Scan# 968
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:139 Resp: 188880
Ion Ratio Lower Upper
139 100
109 31.2 25.1 37.7
65 57.5 47.5 71.3





#27

2,4-Dimethylphenol

Concen: 52.015 ng

RT: 7.822 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF140077.D

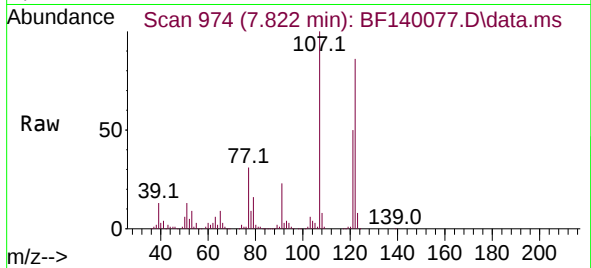
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS



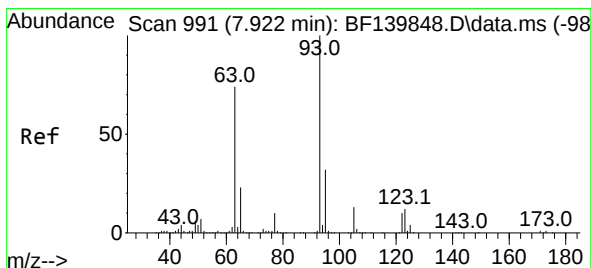
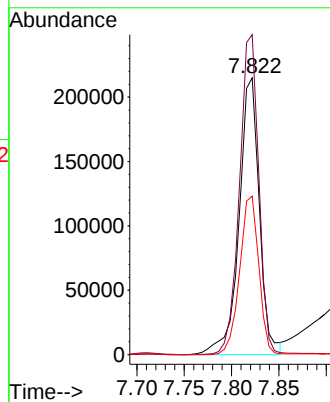
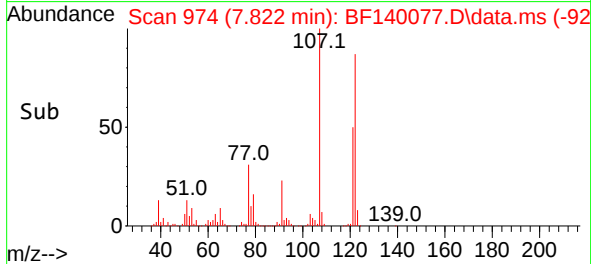
Tgt Ion:	122	Resp:	320582
Ion Ratio	Lower	Upper	
122	100		
107	115.7	91.9	137.9
121	57.3	46.2	69.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#28

bis(2-Chloroethoxy)methane

Concen: 44.384 ng

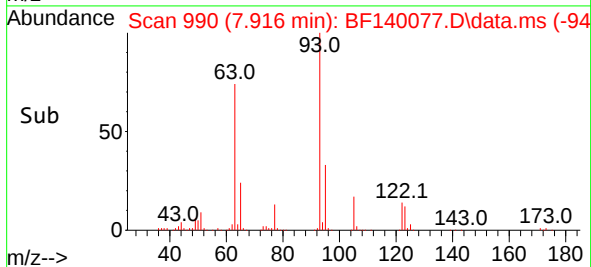
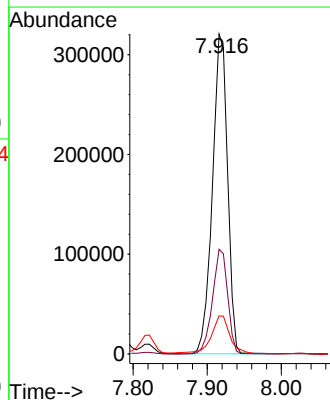
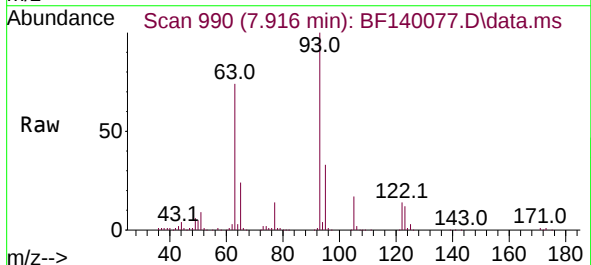
RT: 7.916 min Scan# 990

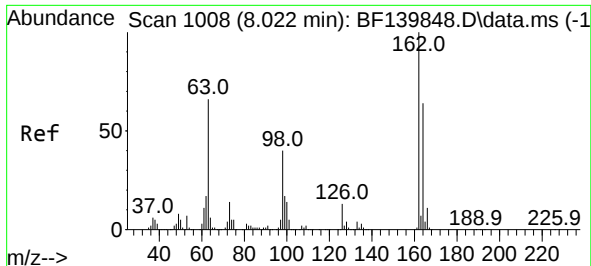
Delta R.T. -0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion:	93	Resp:	456094
Ion Ratio	Lower	Upper	
93	100		
95	32.7	26.0	39.0
123	11.9	9.8	14.8





#29

2,4-Dichlorophenol

Concen: 45.395 ng

RT: 8.028 min Scan# 1008

Delta R.T. 0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

Tgt Ion:162 Resp: 318680

Ion Ratio Lower Upper

162 100

164 65.2 43.9 83.9

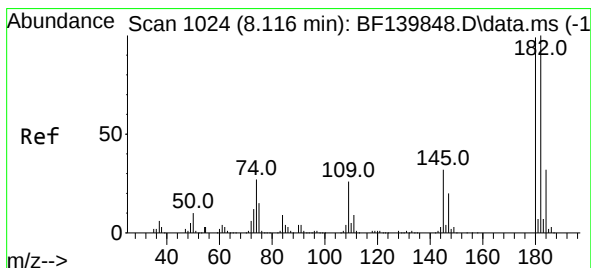
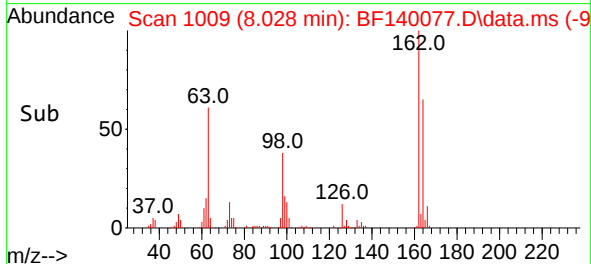
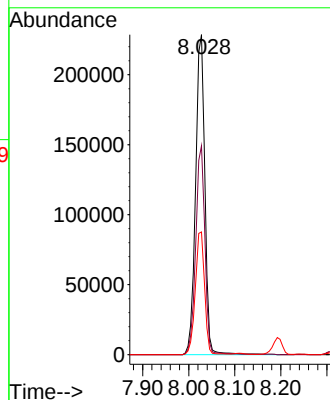
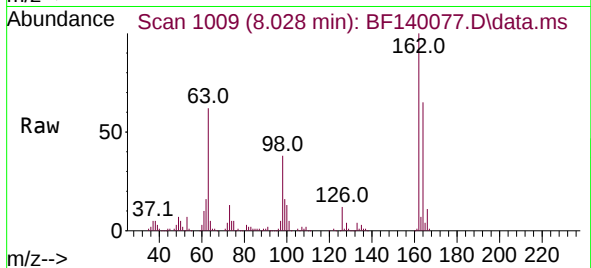
98 38.3 19.9 59.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.256 ng

RT: 8.110 min Scan# 1023

Delta R.T. -0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

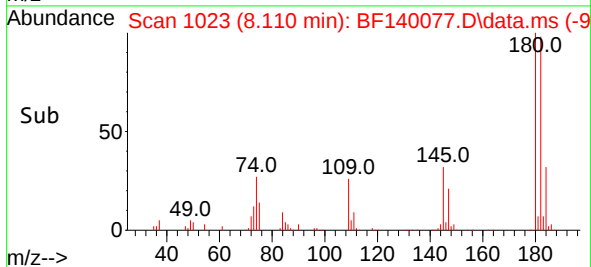
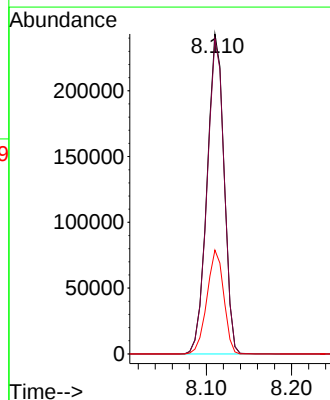
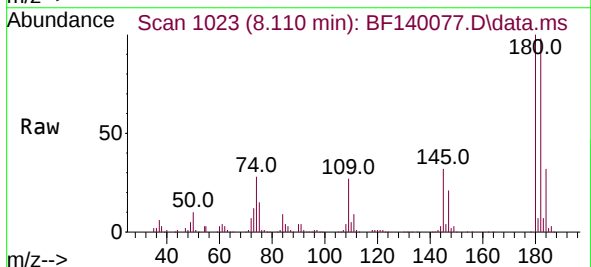
Tgt Ion:180 Resp: 336007

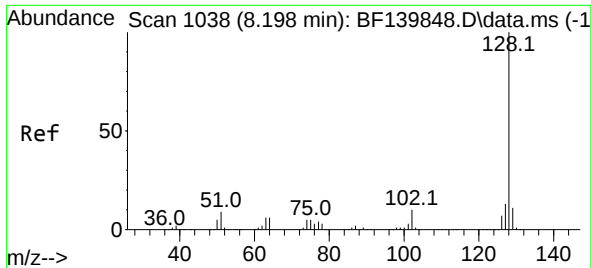
Ion Ratio Lower Upper

180 100

182 98.4 80.5 120.7

145 32.4 25.4 38.0





#31
Naphthalene
Concen: 44.121 ng
RT: 8.192 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

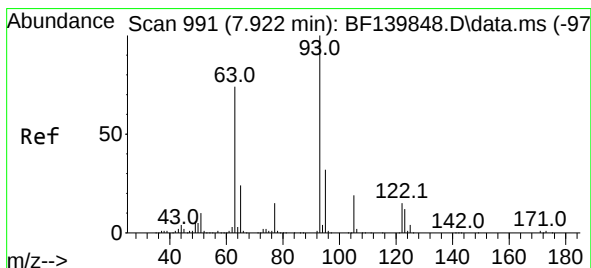
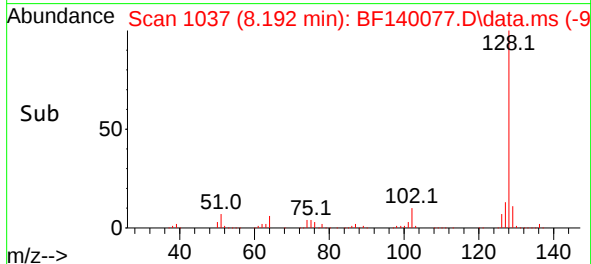
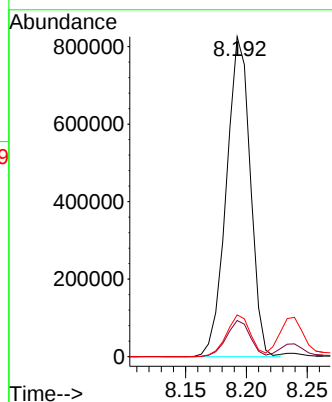
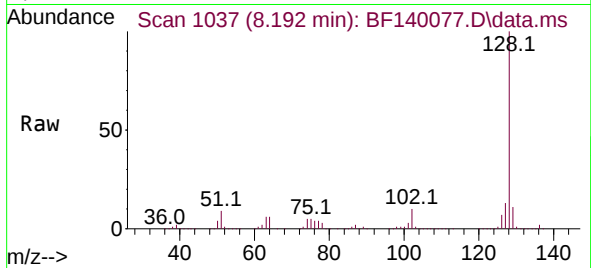
PB164444BS

Tgt Ion:128 Resp: 1127006
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.0 10.6 16.0

Manual Integrations

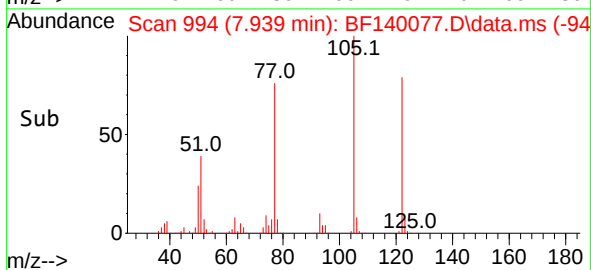
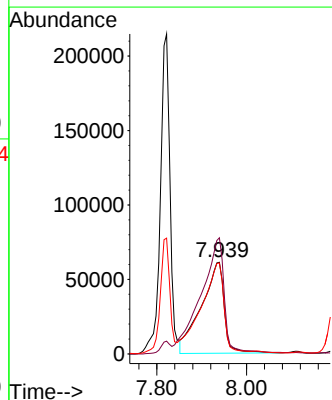
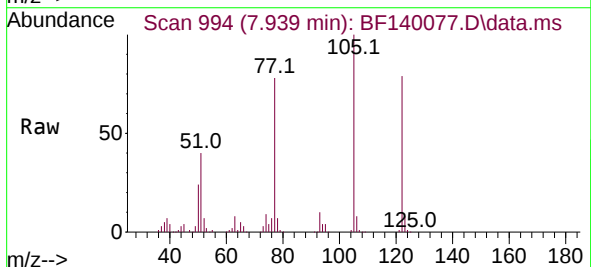
APPROVED

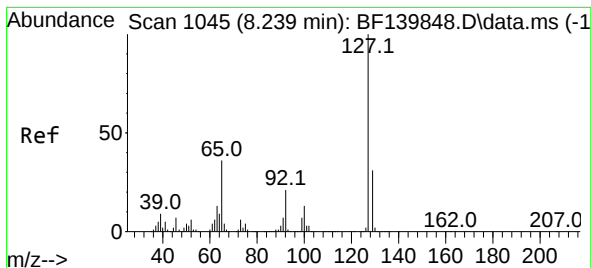
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#32
Benzoic acid
Concen: 40.344 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.017 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:122 Resp: 216873
Ion Ratio Lower Upper
122 100
105 126.8 107.6 147.6
77 99.3 80.2 120.2





#33

4-Chloroaniline

Concen: 18.292 ng

RT: 8.239 min Scan# 1045

Delta R.T. 0.000 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

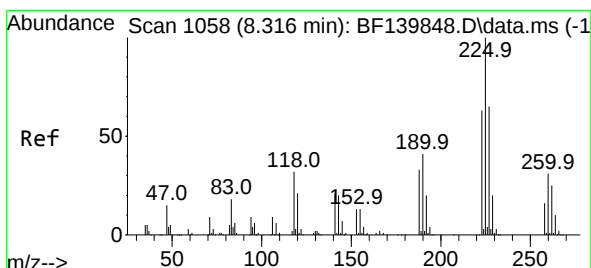
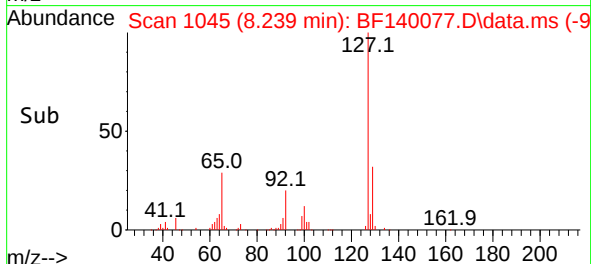
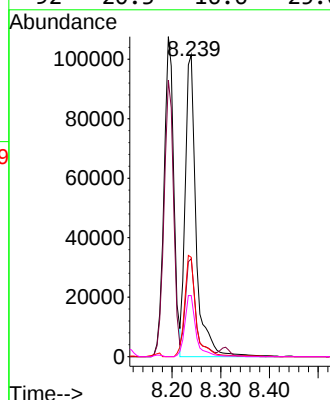
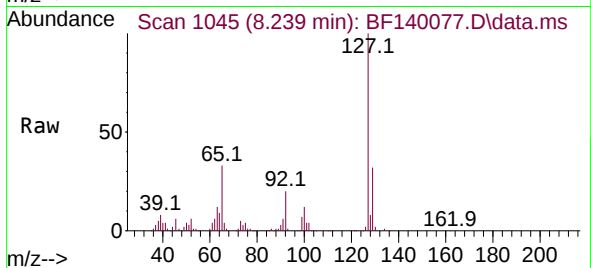
Tgt Ion:	127	Resp:	15932
Ion Ratio	Lower	Upper	
127	100		
129	32.5	25.4	38.2
65	32.9	28.4	42.6
92	20.3	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#34

Hexachlorobutadiene

Concen: 44.923 ng

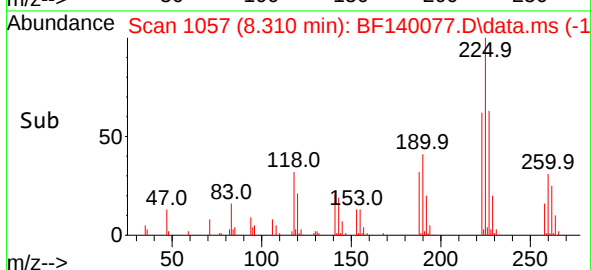
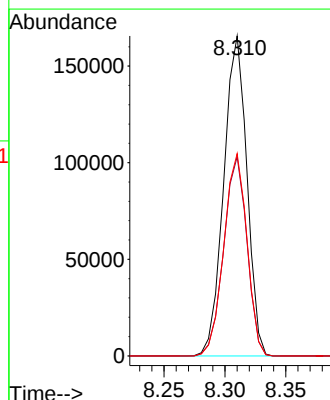
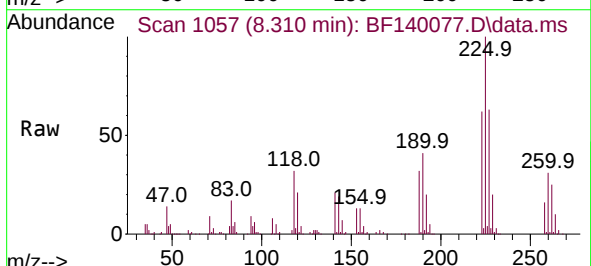
RT: 8.310 min Scan# 1057

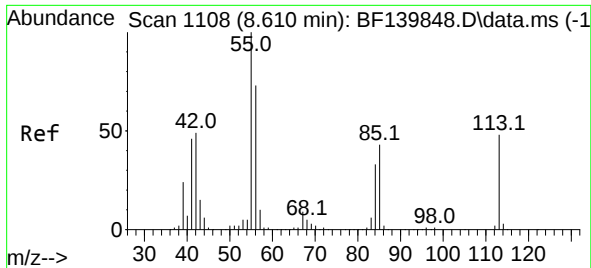
Delta R.T. -0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

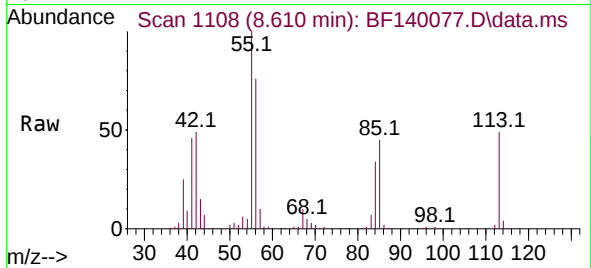
Tgt Ion:	225	Resp:	219251
Ion Ratio	Lower	Upper	
225	100		
223	62.2	50.6	76.0
227	63.2	51.8	77.8





#35
 Caprolactam
 Concen: 46.244 ng m
 RT: 8.610 min Scan# 1108
 Delta R.T. 0.000 min
 Lab File: BF140077.D
 Acq: 28 Oct 2024 10:29

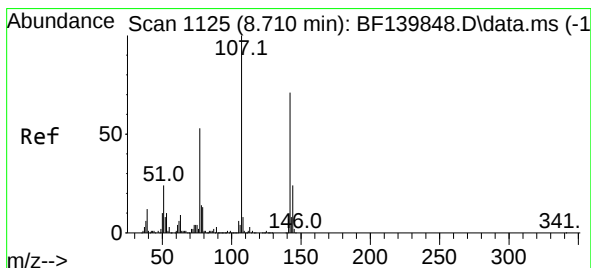
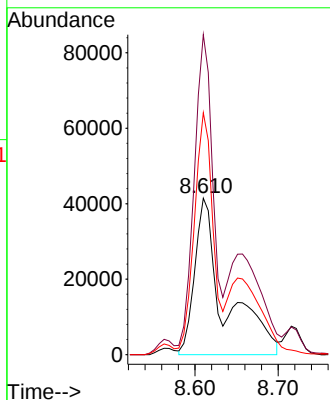
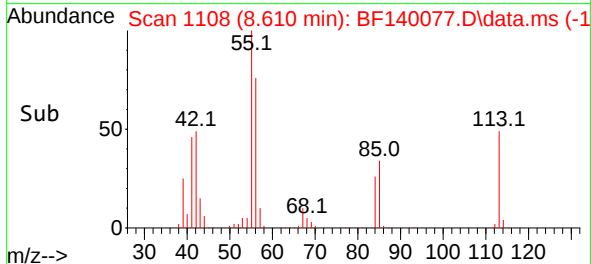
Instrument :
 BNA_F
 ClientSampleId :
 PB164444BS



Tgt Ion:113 Resp: 103223
 Ion Ratio Lower Upper
 113 100
 55 204.6 189.2 229.2
 56 154.7 132.5 172.5

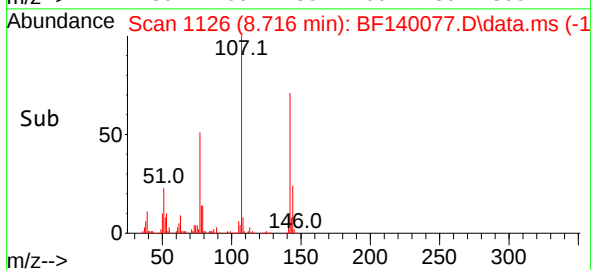
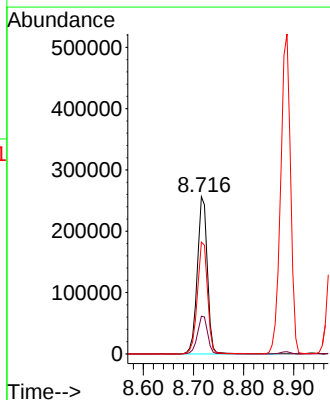
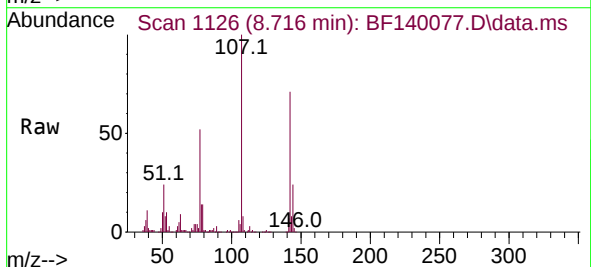
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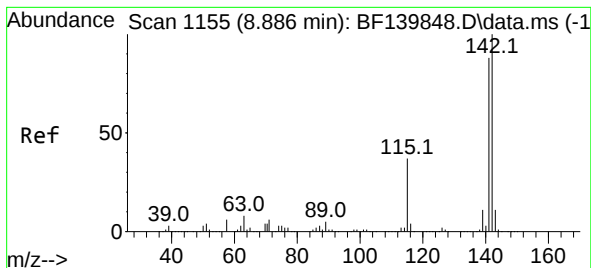
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024



#36
 4-Chloro-3-methylphenol
 Concen: 45.972 ng
 RT: 8.716 min Scan# 1126
 Delta R.T. 0.006 min
 Lab File: BF140077.D
 Acq: 28 Oct 2024 10:29

Tgt Ion:107 Resp: 357353
 Ion Ratio Lower Upper
 107 100
 144 24.0 19.1 28.7
 142 71.2 57.2 85.8





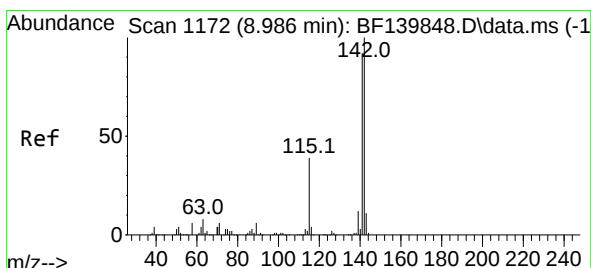
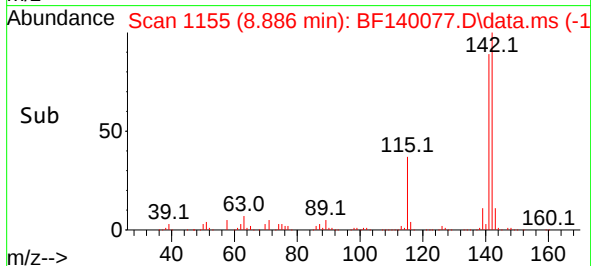
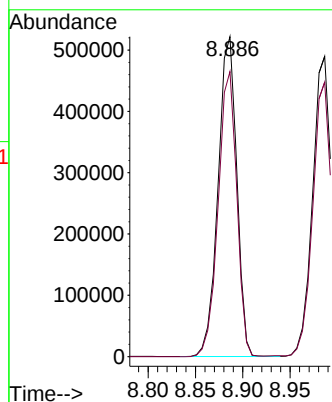
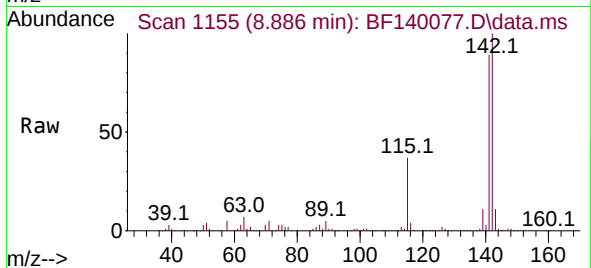
#37
2-Methylnaphthalene
Concen: 45.632 ng
RT: 8.886 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :
BNA_F
ClientSampleId :
PB164444BS

Tgt Ion:142 Resp: 71386
Ion Ratio Lower Upper
142 100
141 89.1 70.8 106.2

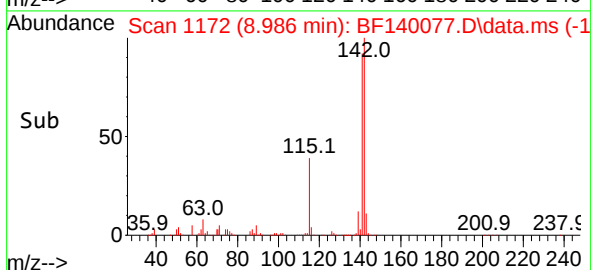
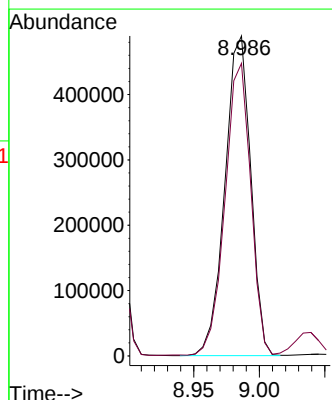
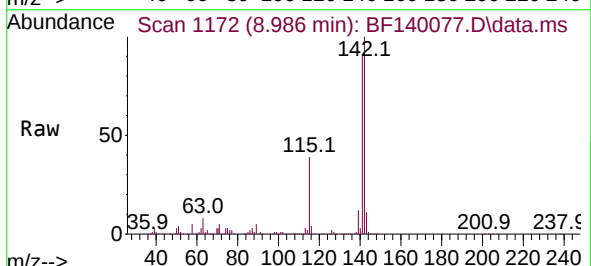
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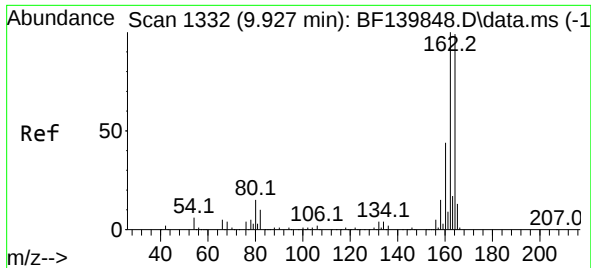
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#38
1-Methylnaphthalene
Concen: 43.622 ng
RT: 8.986 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

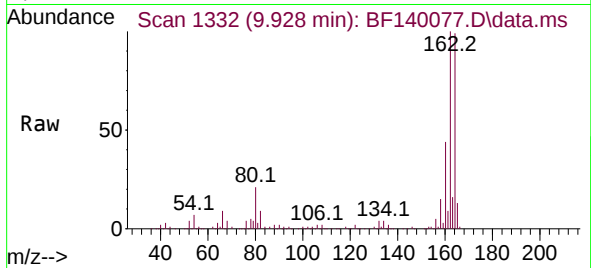
Tgt Ion:142 Resp: 669536
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1332
Delta R.T. 0.001 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

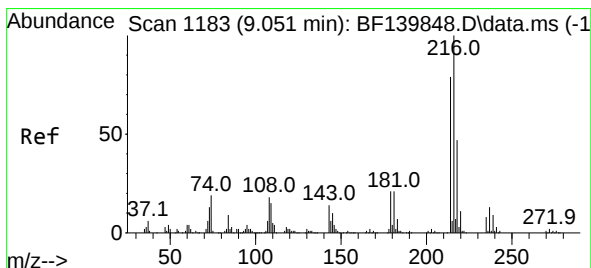
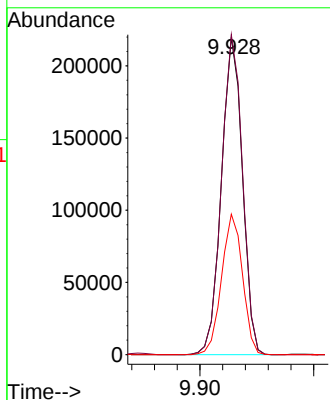
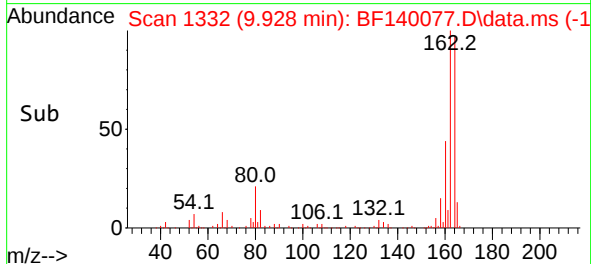
Instrument :
BNA_F
ClientSampleId :
PB164444BS



Tgt Ion:164 Resp: 281323
Ion Ratio Lower Upper
164 100
162 100.9 81.0 121.4
160 44.3 35.4 53.0

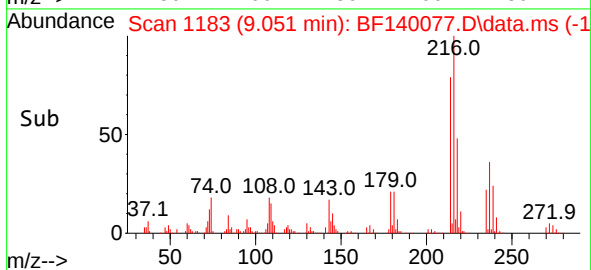
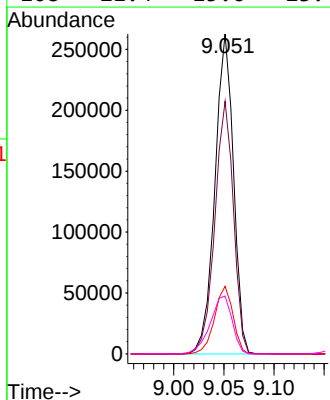
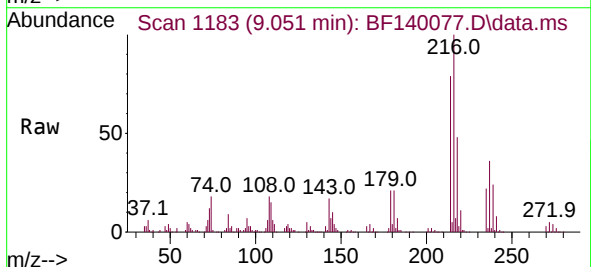
Manual Integrations
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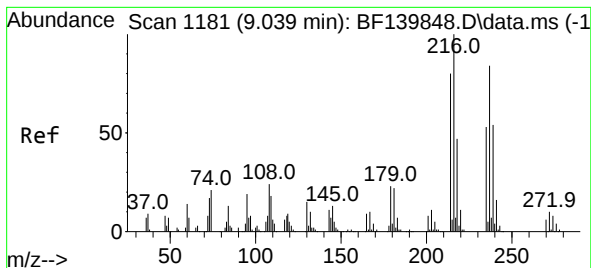
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.663 ng
RT: 9.051 min Scan# 1183
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:216 Resp: 338977
Ion Ratio Lower Upper
216 100
214 79.1 63.4 95.0
179 21.1 17.2 25.8
108 21.4 15.6 23.4





#41

Hexachlorocyclopentadiene

Concen: 165.576 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

Tgt Ion:237 Resp: 437259

Ion Ratio Lower Upper

237 100

235 62.5 42.9 82.9

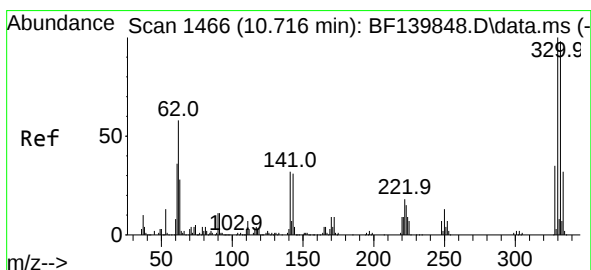
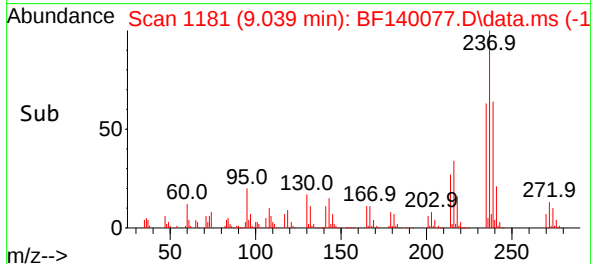
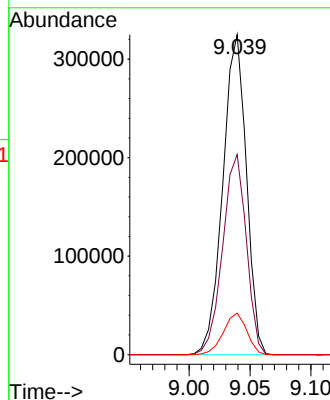
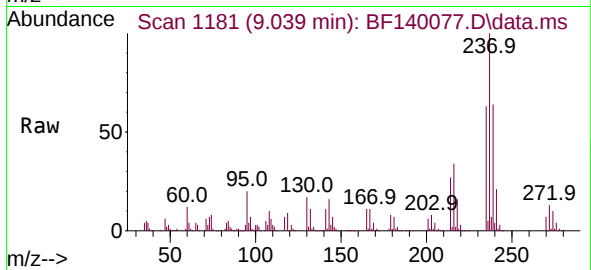
272 13.0 0.0 32.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#42

2,4,6-Tribromophenol

Concen: 141.398 ng

RT: 10.722 min Scan# 1467

Delta R.T. 0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

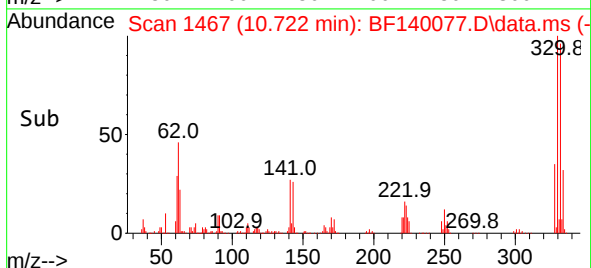
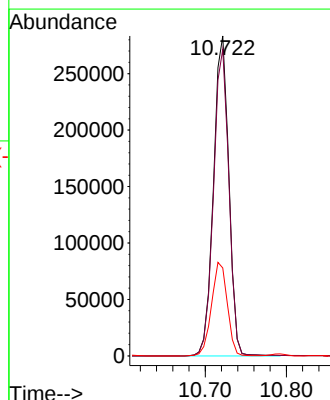
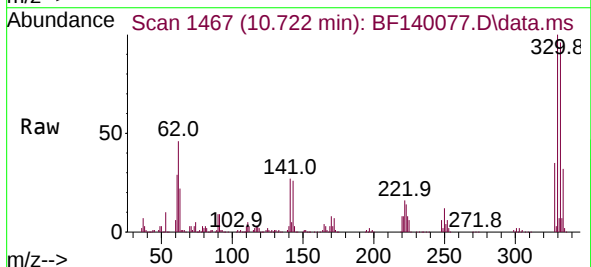
Tgt Ion:330 Resp: 372077

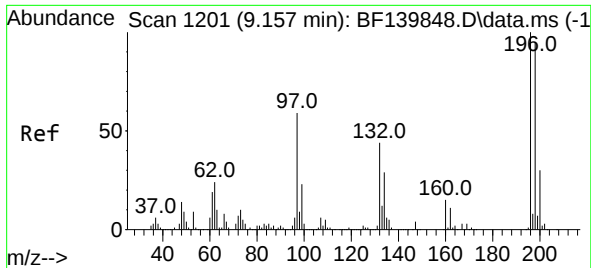
Ion Ratio Lower Upper

330 100

332 96.2 78.1 117.1

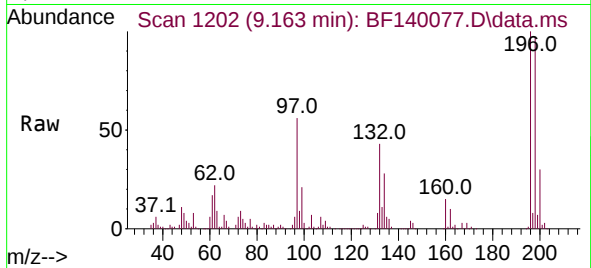
141 30.1 26.6 39.8





#43
2,4,6-Trichlorophenol
Concen: 45.915 ng
RT: 9.163 min Scan# 1201
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

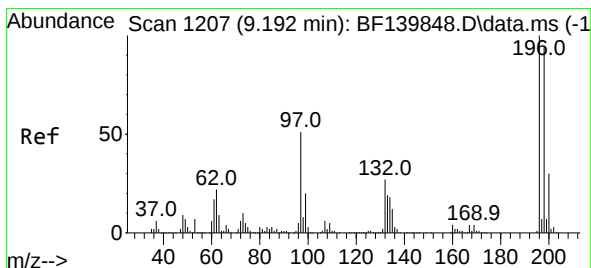
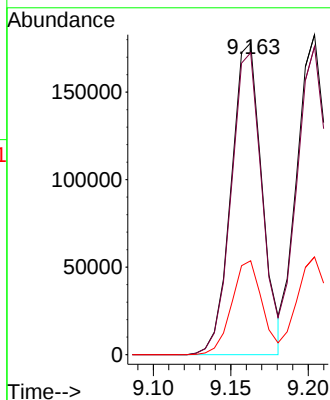
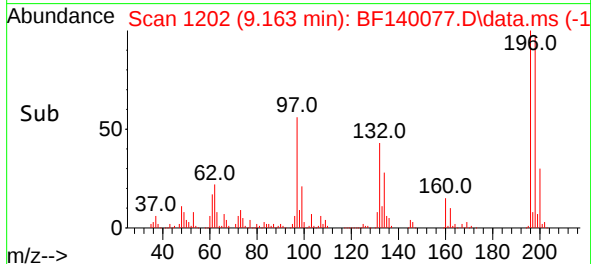
Instrument :
BNA_F
ClientSampleId :
PB164444BS



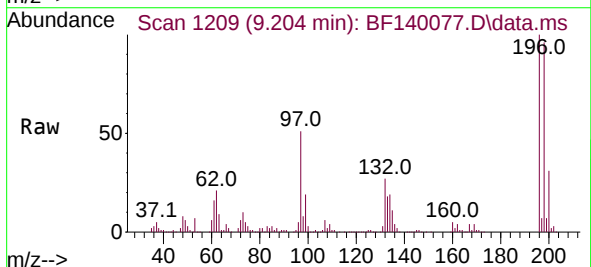
Tgt Ion:196 Resp: 246720
Ion Ratio Lower Upper
196 100
198 96.8 76.2 114.2
200 30.1 24.0 36.0

Manual Integrations
APPROVED

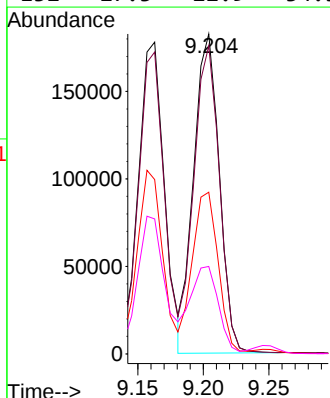
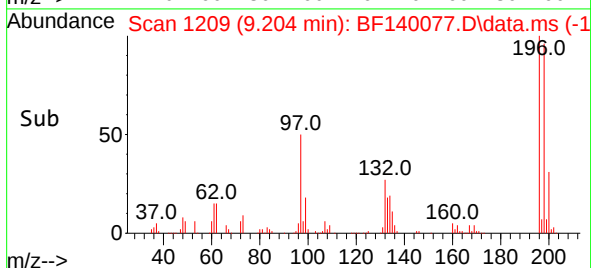
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

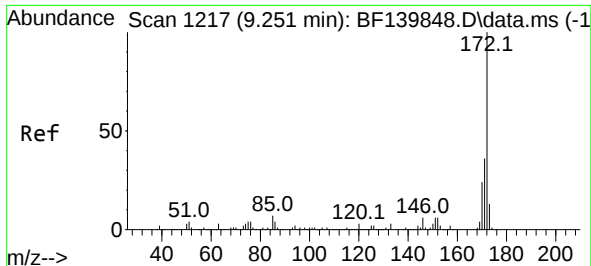


#44
2,4,5-Trichlorophenol
Concen: 44.627 ng
RT: 9.204 min Scan# 1209
Delta R.T. 0.012 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:196 Resp: 247409
Ion Ratio Lower Upper
196 100
198 96.3 75.8 113.6
97 50.5 41.8 62.6
132 27.3 22.9 34.3





#45
2-Fluorobiphenyl
Concen: 87.245 ng
RT: 9.245 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

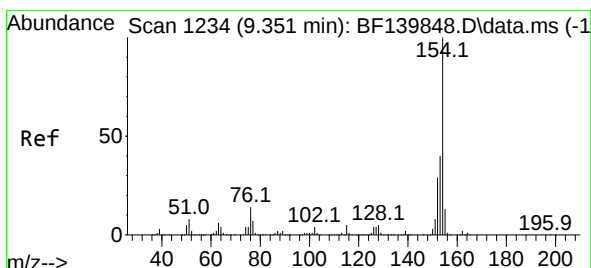
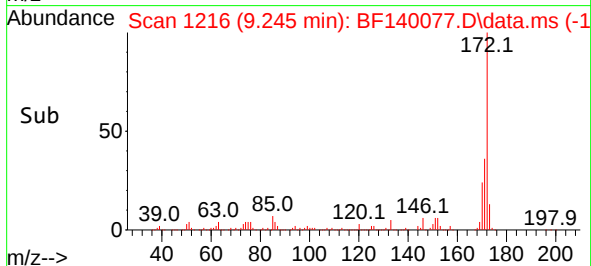
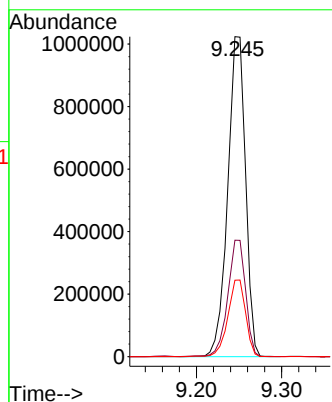
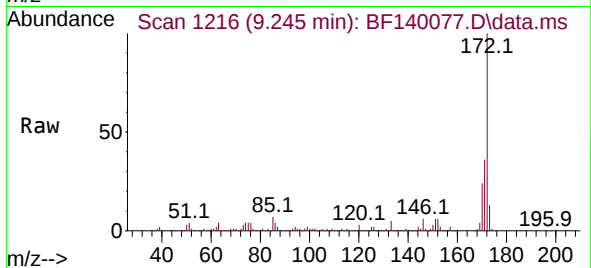
PB164444BS

Tgt Ion:172 Resp: 1485083
Ion Ratio Lower Upper
172 100
171 36.4 28.6 43.0
170 23.9 19.1 28.7

Manual Integrations

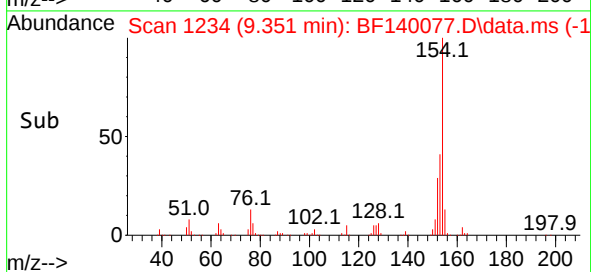
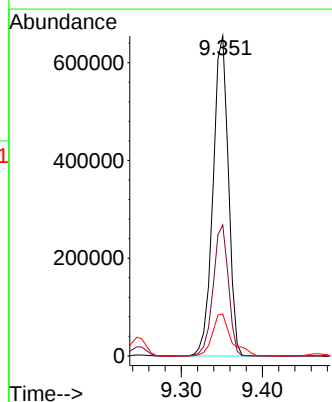
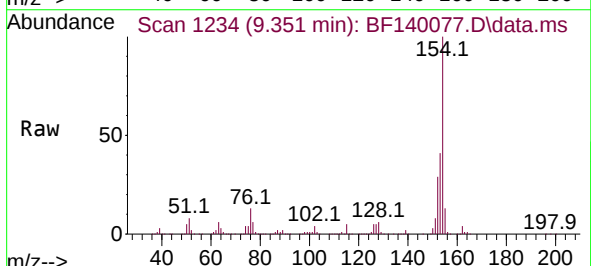
APPROVED

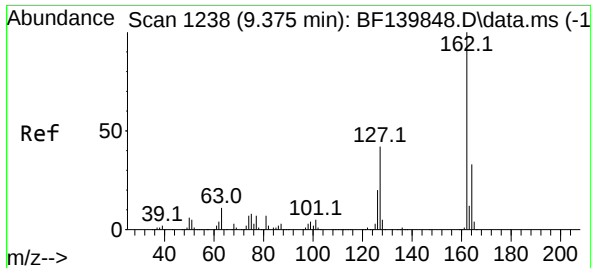
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#46
1,1'-Biphenyl
Concen: 43.865 ng
RT: 9.351 min Scan# 1234
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:154 Resp: 859069
Ion Ratio Lower Upper
154 100
153 40.9 20.3 60.3
76 13.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 42.957 ng

RT: 9.375 min Scan# 1238

Delta R.T. 0.000 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

Tgt Ion:162 Resp: 677574

Ion Ratio Lower Upper

162 100

127 42.6 33.8 50.6

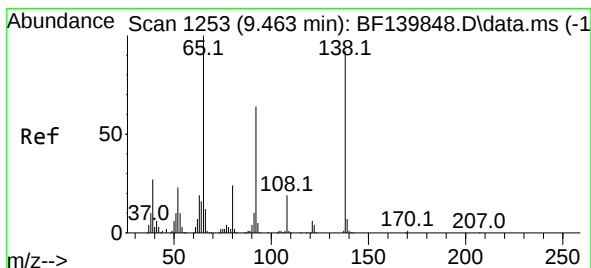
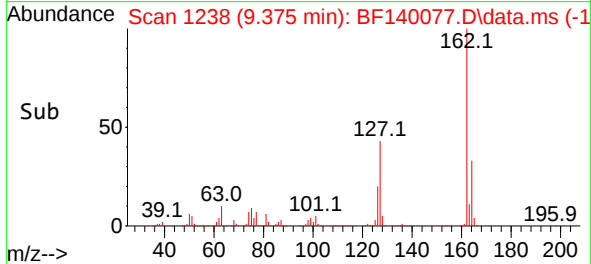
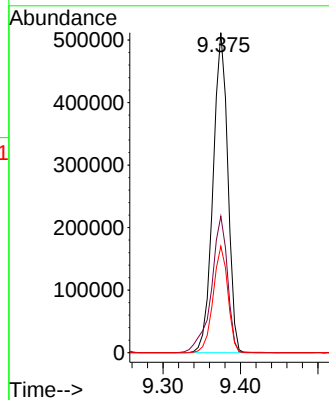
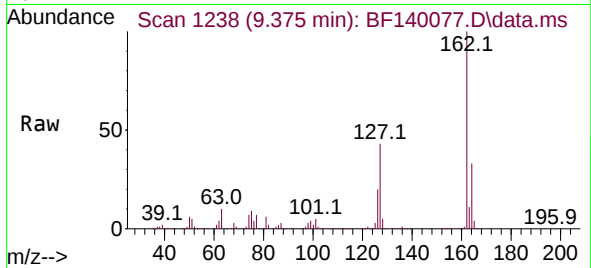
164 33.2 26.6 39.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#48

2-Nitroaniline

Concen: 49.063 ng

RT: 9.469 min Scan# 1254

Delta R.T. 0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

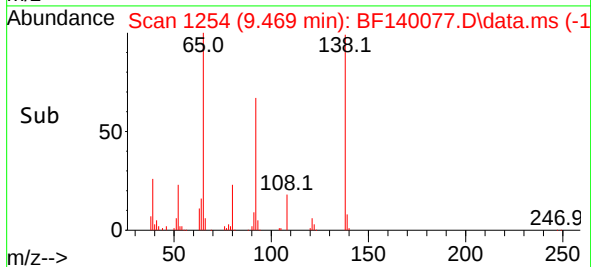
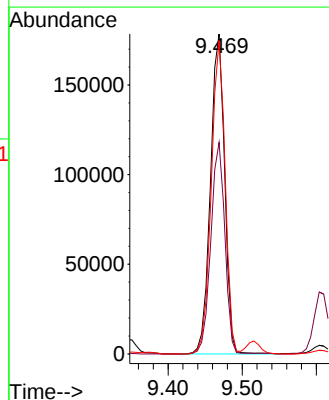
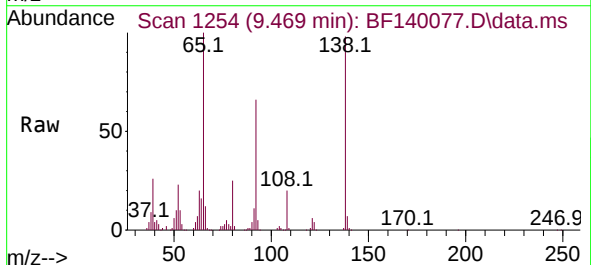
Tgt Ion: 65 Resp: 236689

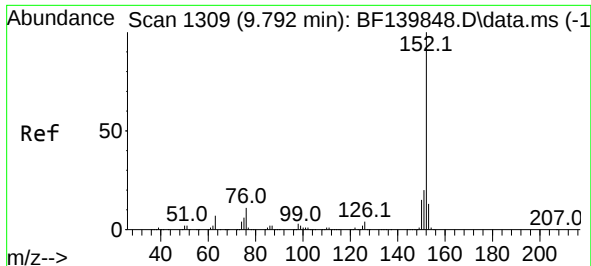
Ion Ratio Lower Upper

65 100

92 66.1 50.9 76.3

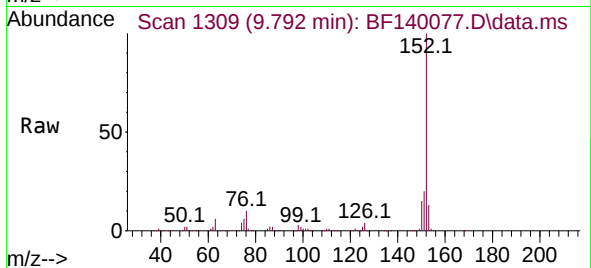
138 97.9 73.4 110.0





#49
Acenaphthylene
Concen: 47.749 ng
RT: 9.792 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

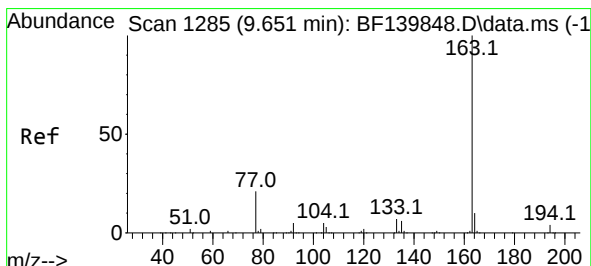
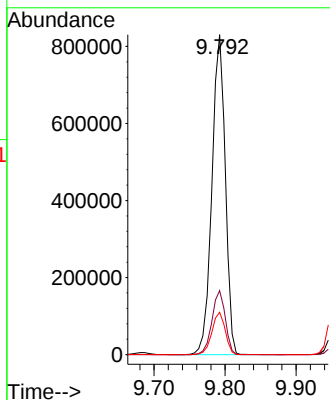
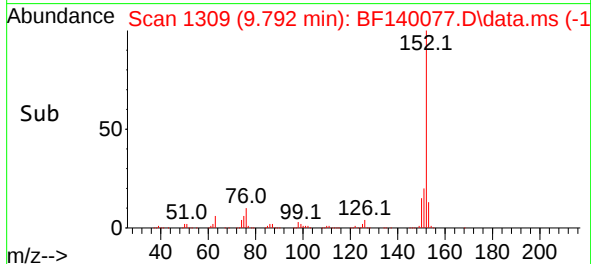
Instrument :
BNA_F
ClientSampleId :
PB164444BS



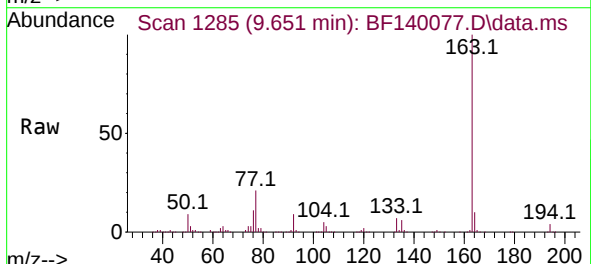
Tgt Ion:152 Resp: 108884
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.2 10.7 16.1

Manual Integrations
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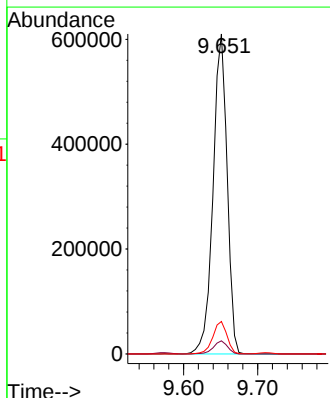
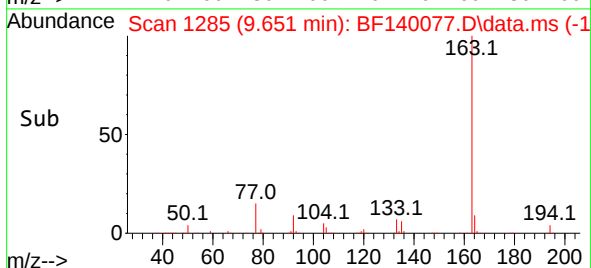
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

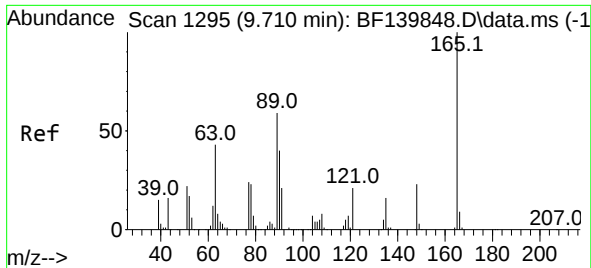


#50
Dimethylphthalate
Concen: 45.933 ng
RT: 9.651 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



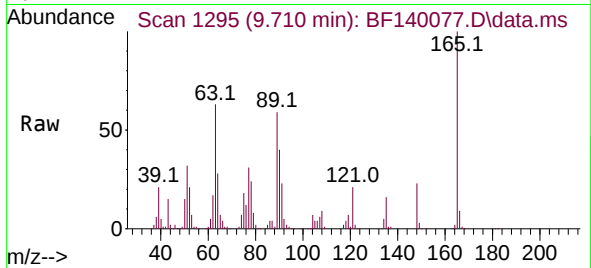
Tgt Ion:163 Resp: 804892
Ion Ratio Lower Upper
163 100
194 4.1 3.4 5.0
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 47.412 ng
RT: 9.710 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

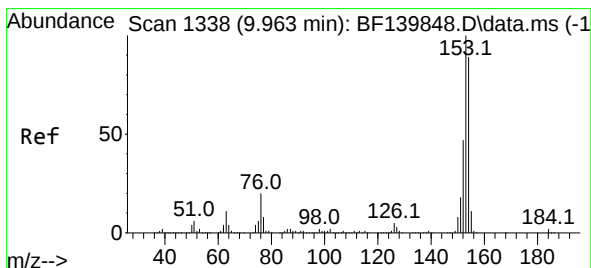
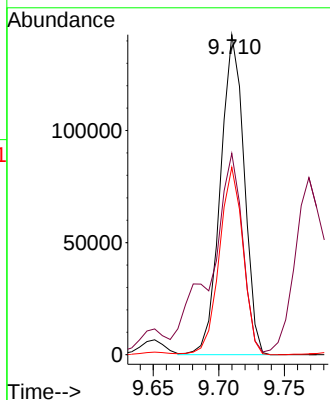
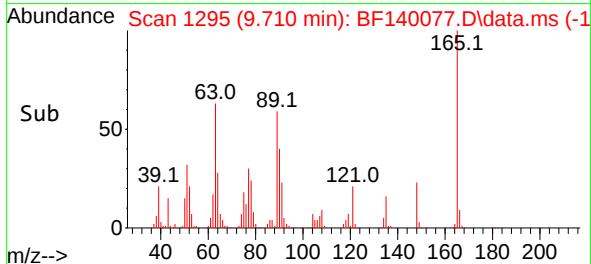
Instrument :
BNA_F
ClientSampleId :
PB164444BS



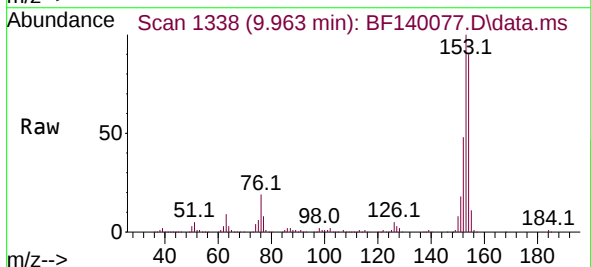
Tgt Ion:165 Resp: 179884
Ion Ratio Lower Upper
165 100
63 62.9 50.6 75.8
89 58.5 47.5 71.3

Manual Integrations
APPROVED

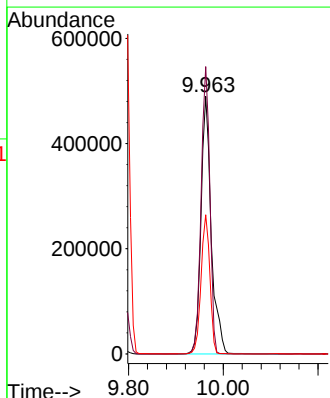
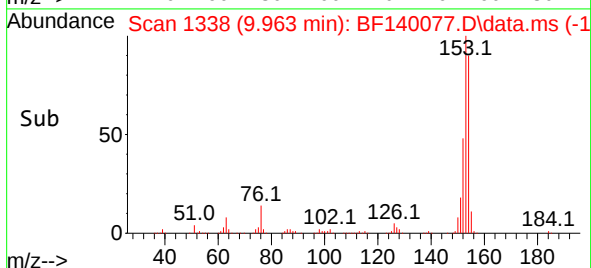
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

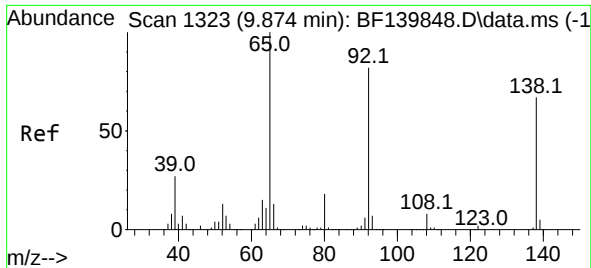


#52
Acenaphthene
Concen: 49.881 ng
RT: 9.963 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:154 Resp: 735816
Ion Ratio Lower Upper
154 100
153 111.6 89.8 134.6
152 54.0 42.4 63.6





#53
3-Nitroaniline
Concen: 28.091 ng
RT: 9.875 min Scan# 1323
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

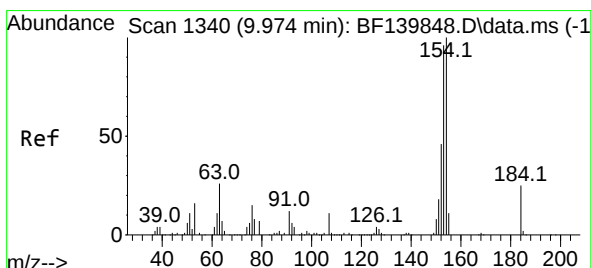
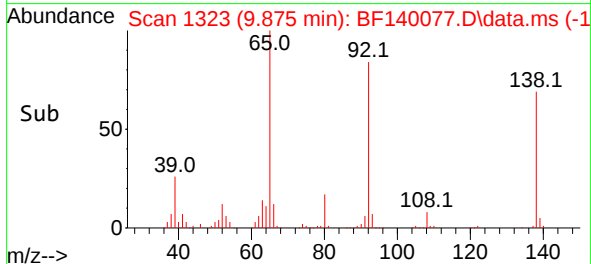
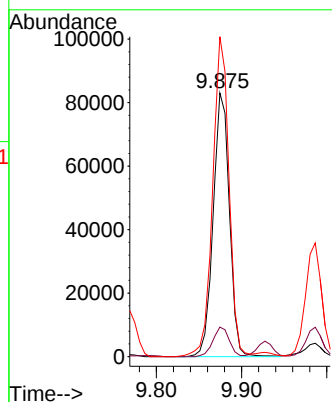
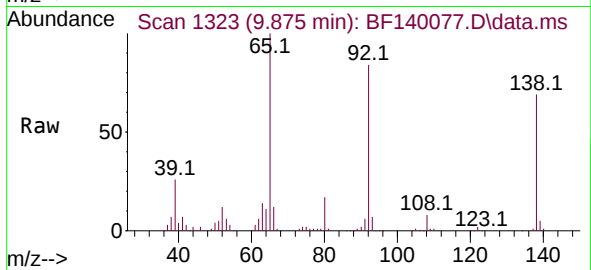
ClientSampleId :

PB164444BS

Tgt Ion:138 Resp: 109911
Ion Ratio Lower Upper
138 100
108 11.2 10.2 15.2
92 121.4 98.3 147.5

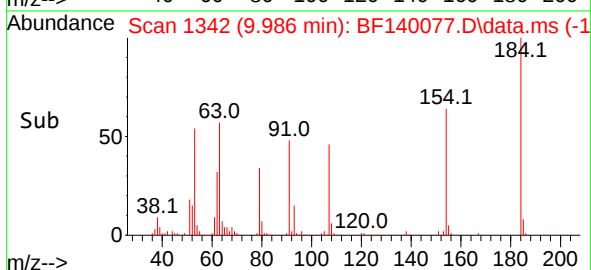
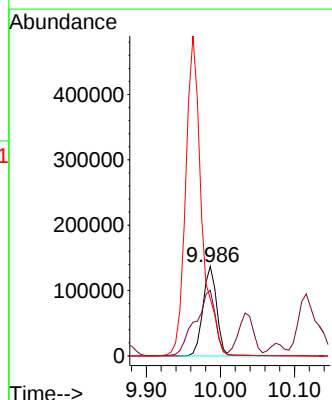
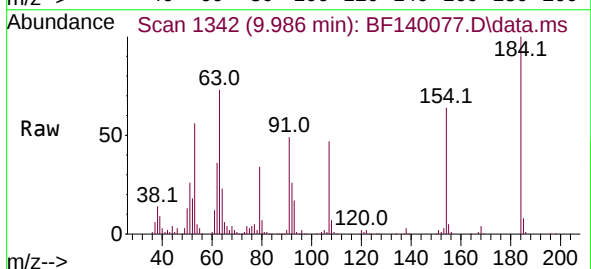
Manual Integrations
APPROVED

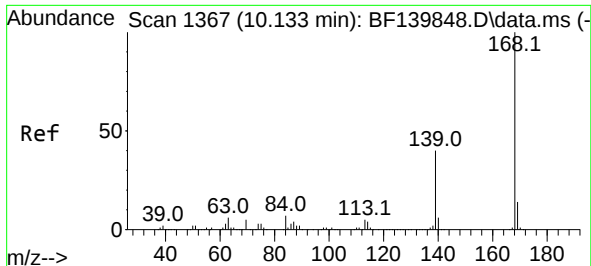
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#54
2,4-Dinitrophenol
Concen: 109.904 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.012 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

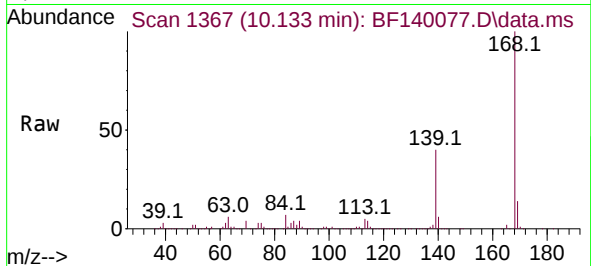
Tgt Ion:184 Resp: 177437
Ion Ratio Lower Upper
184 100
63 73.3 84.7 127.1#
154 64.0 338.2 507.2#





#55
Dibenzofuran
Concen: 44.771 ng
RT: 10.133 min Scan# 1367
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

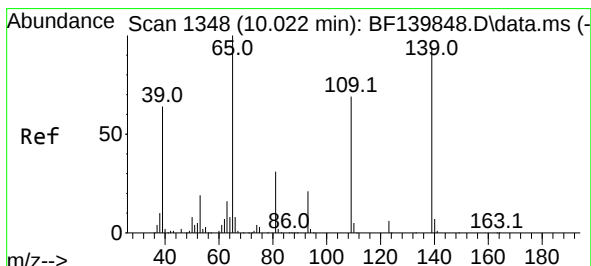
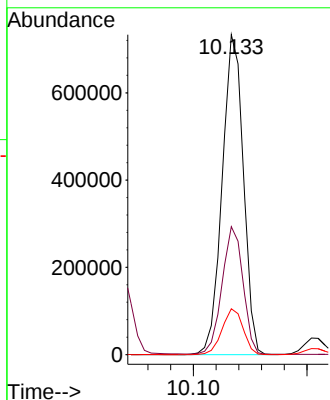
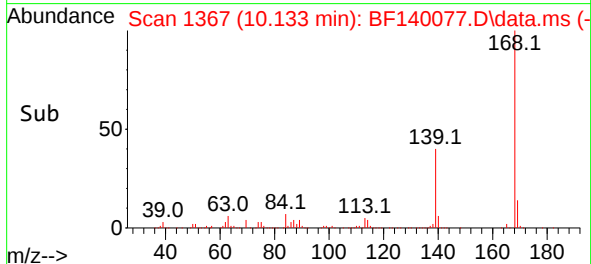
Instrument :
BNA_F
ClientSampleId :
PB164444BS



Tgt Ion:168 Resp: 947573
Ion Ratio Lower Upper
168 100
139 40.0 31.8 47.6
169 14.3 11.6 17.4

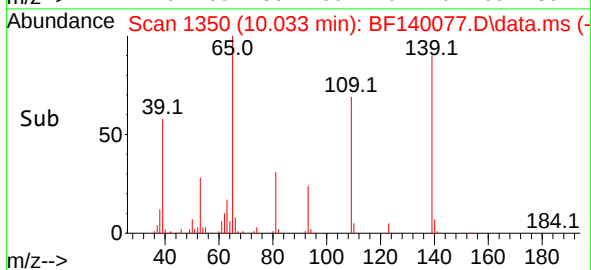
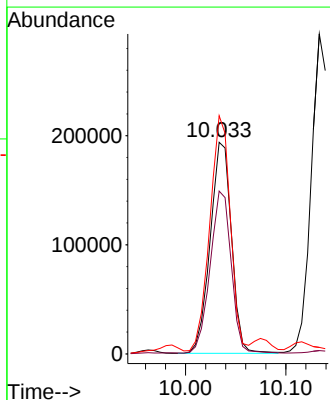
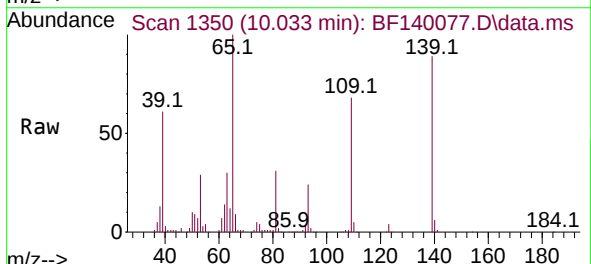
Manual Integrations
APPROVED

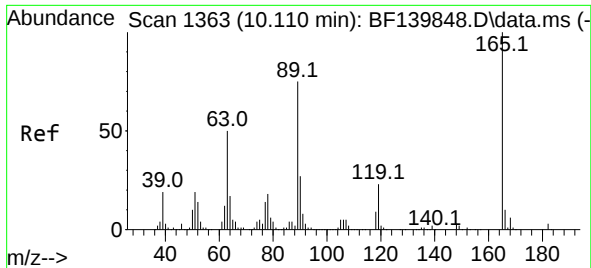
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#56
4-Nitrophenol
Concen: 95.186 ng
RT: 10.033 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:139 Resp: 286527
Ion Ratio Lower Upper
139 100
109 76.9 53.6 93.6
65 112.6 87.8 127.8





#57
2,4-Dinitrotoluene
Concen: 52.385 ng
RT: 10.116 min Scan# 1363
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

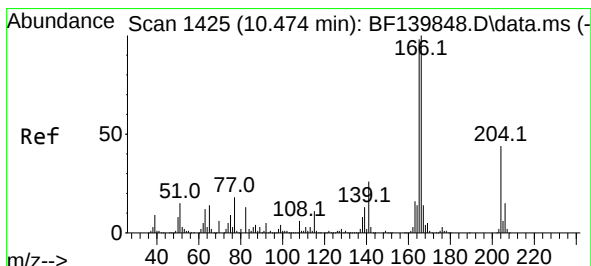
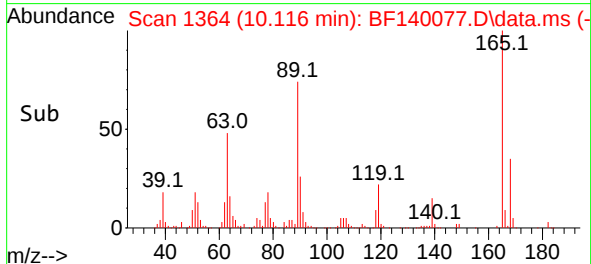
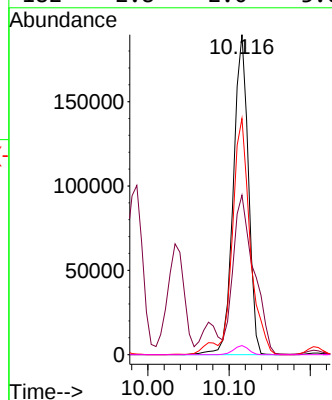
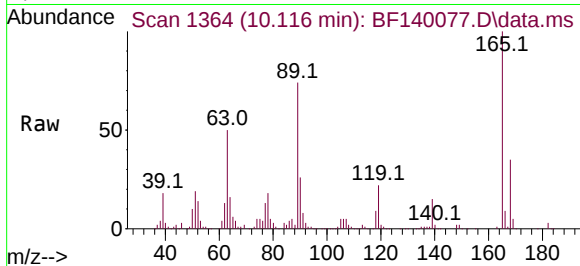
PB164444BS

Tgt Ion:165 Resp: 244414
Ion Ratio Lower Upper
165 100
63 49.8 40.1 60.1
89 73.8 60.4 90.6
182 2.8 2.0 3.0

Manual Integrations

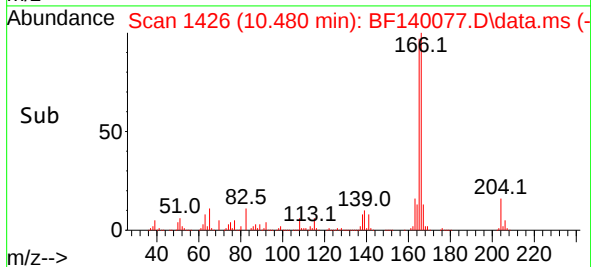
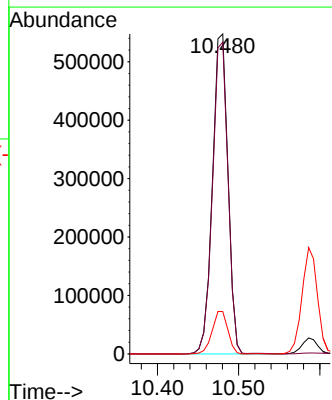
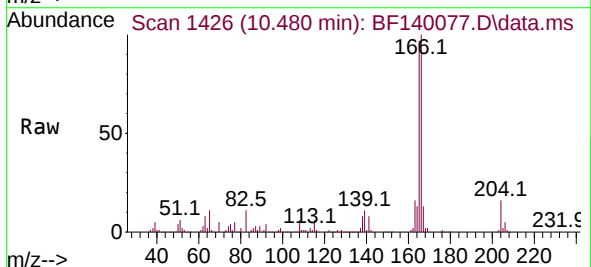
APPROVED

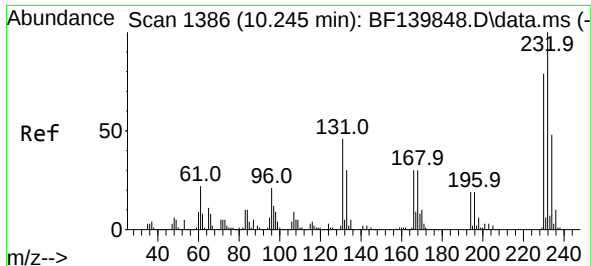
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#58
Fluorene
Concen: 45.154 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:166 Resp: 727905
Ion Ratio Lower Upper
166 100
165 97.4 78.5 117.7
167 13.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 48.851 ng
RT: 10.251 min Scan# 1386
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

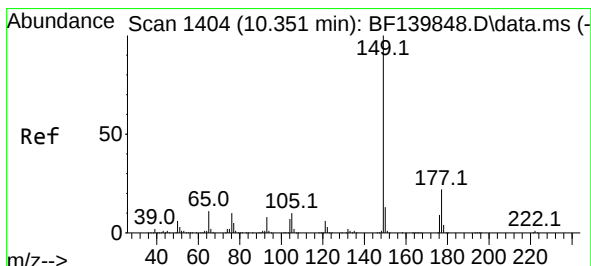
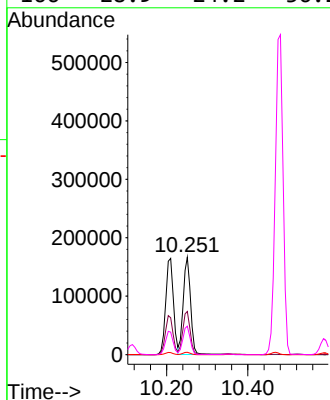
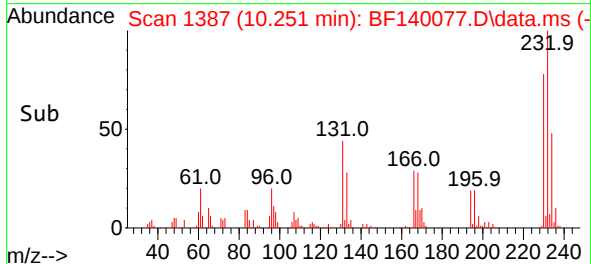
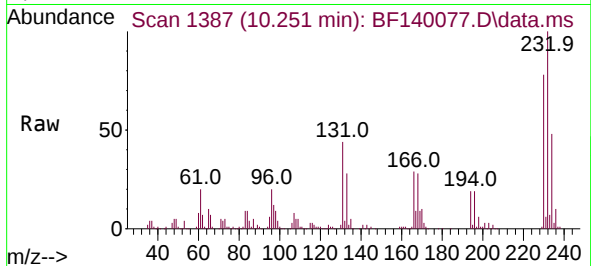
PB164444BS

Tgt Ion:232 Resp: 212306
Ion Ratio Lower Upper
232 100
131 44.5 37.0 55.6
130 2.3 1.9 2.9
166 28.9 24.2 36.2

Manual Integrations

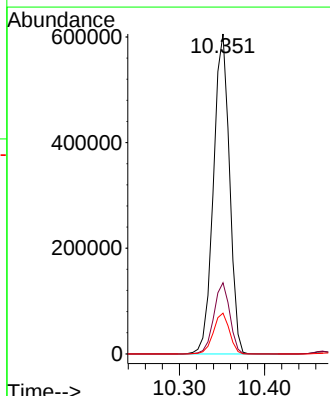
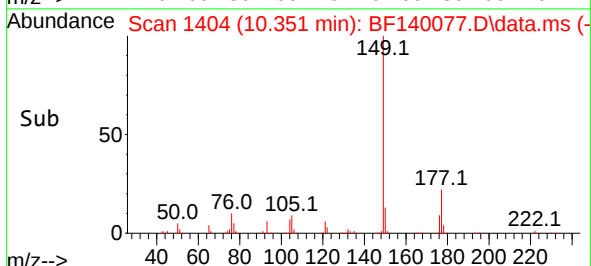
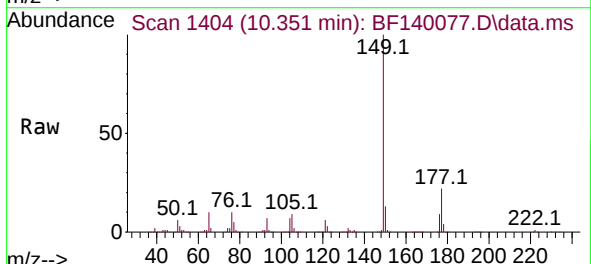
APPROVED

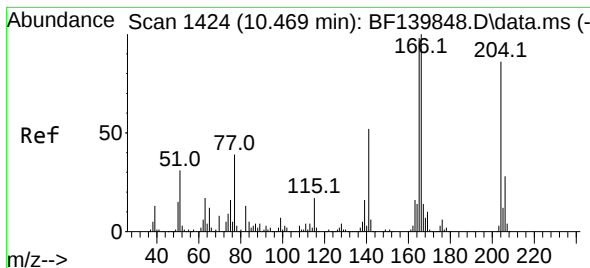
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#60
Diethylphthalate
Concen: 45.976 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

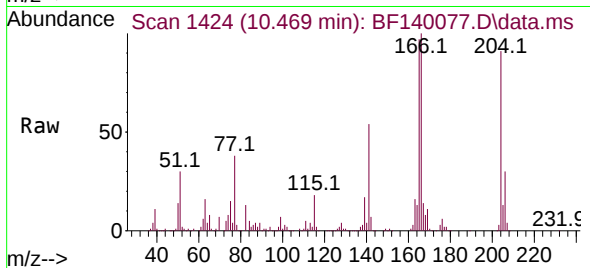
Tgt Ion:149 Resp: 791021
Ion Ratio Lower Upper
149 100
177 22.2 17.9 26.9
150 12.7 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 45.336 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

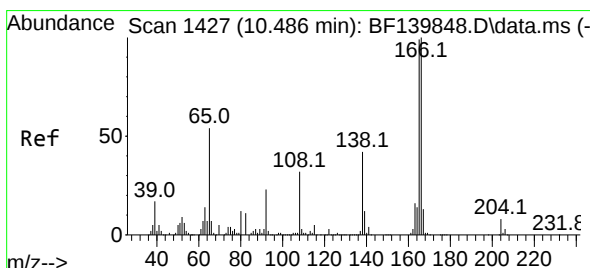
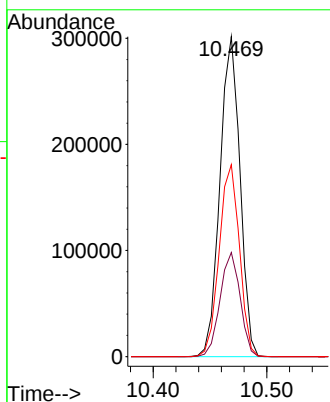
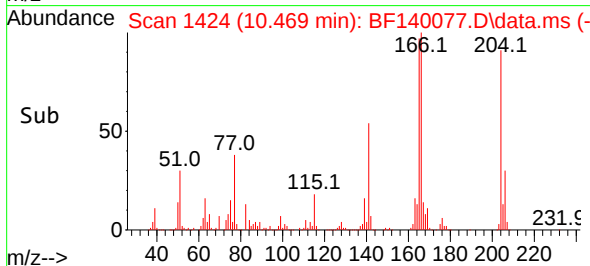
Instrument :
BNA_F
ClientSampleId :
PB164444BS



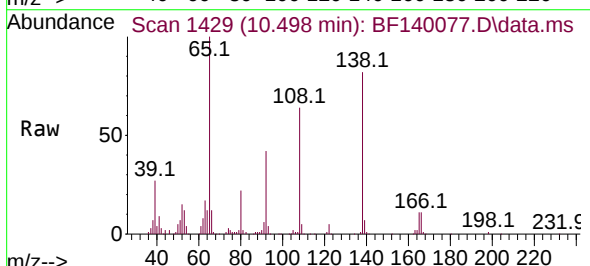
Tgt Ion:204 Resp: 369072
Ion Ratio Lower Upper
204 100
206 32.5 26.3 39.5
141 60.0 48.6 73.0

Manual Integrations
APPROVED

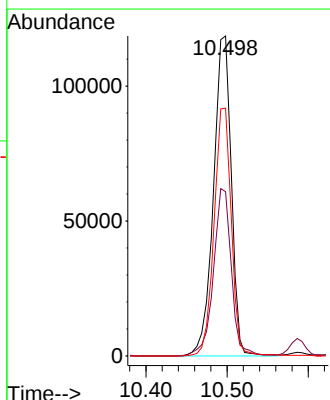
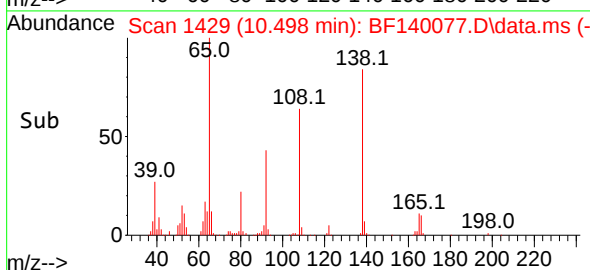
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

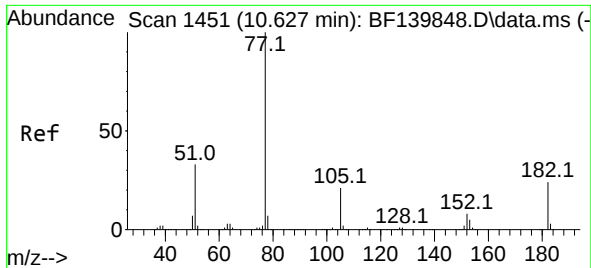


#62
4-Nitroaniline
Concen: 48.958 ng
RT: 10.498 min Scan# 1429
Delta R.T. 0.012 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:138 Resp: 180917
Ion Ratio Lower Upper
138 100
92 51.3 35.7 75.7
108 77.4 57.5 97.5





#63
Azobenzene
Concen: 44.214 ng
RT: 10.627 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

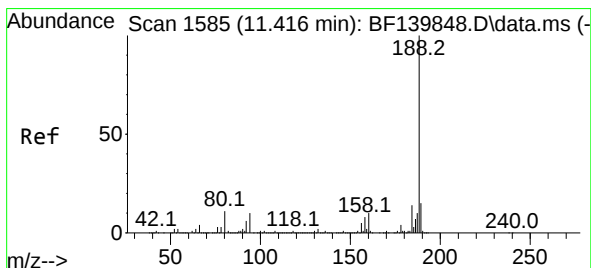
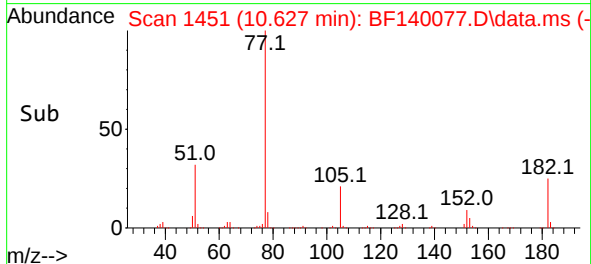
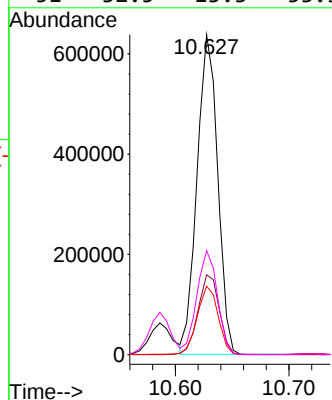
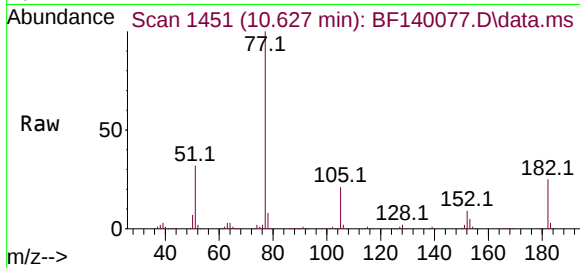
PB164444BS

Tgt Ion: 77 Resp: 806460
Ion Ratio Lower Upper
77 100
182 24.9 3.3 43.3
105 21.4 1.2 41.2
51 32.5 13.3 53.3

Manual Integrations

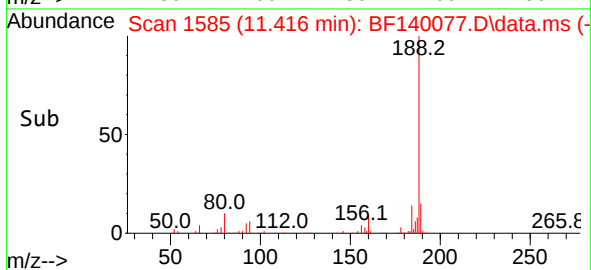
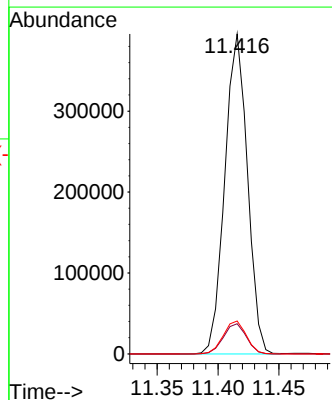
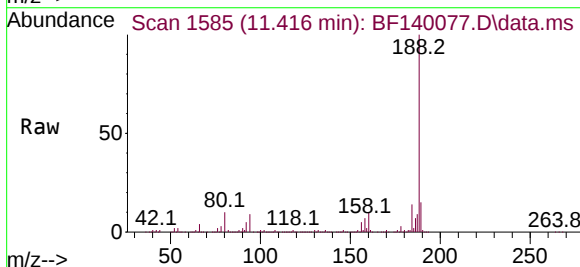
APPROVED

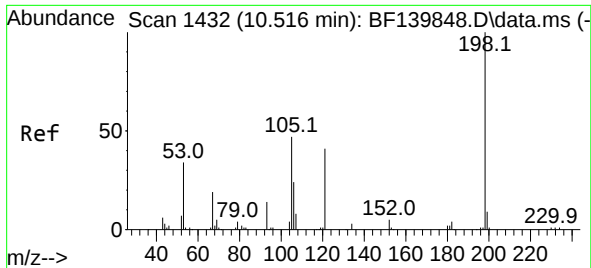
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

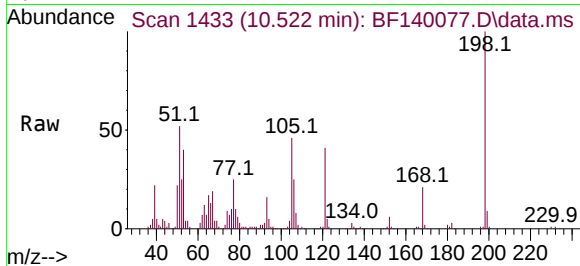
Tgt Ion:188 Resp: 511374
Ion Ratio Lower Upper
188 100
94 9.4 7.9 11.9
80 10.3 9.0 13.4





#65
4,6-Dinitro-2-methylphenol
Concen: 60.564 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

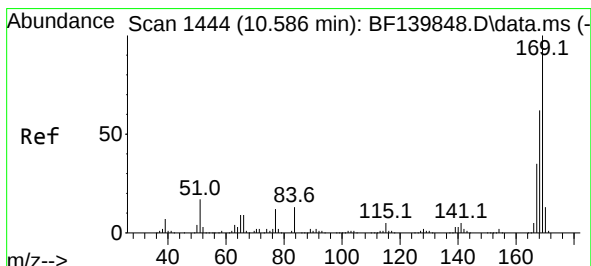
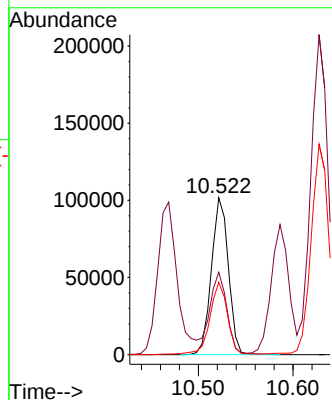
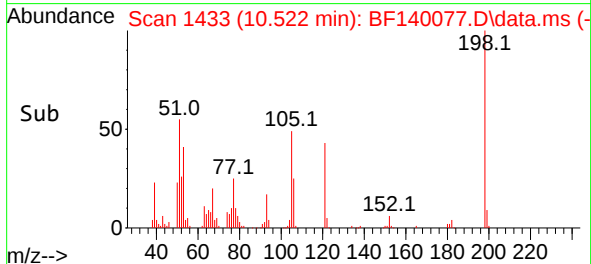
Instrument :
BNA_F
ClientSampleId :
PB164444BS



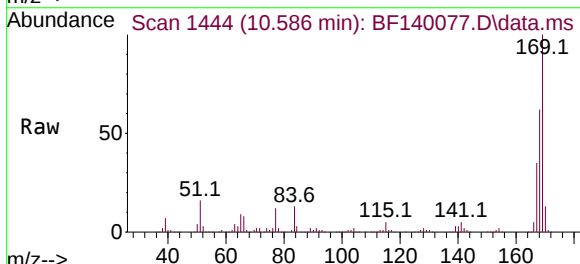
Tgt Ion:198 Resp: 126328
Ion Ratio Lower Upper
198 100
51 52.4 38.2 78.2
105 46.1 27.9 67.9

Manual Integrations
APPROVED

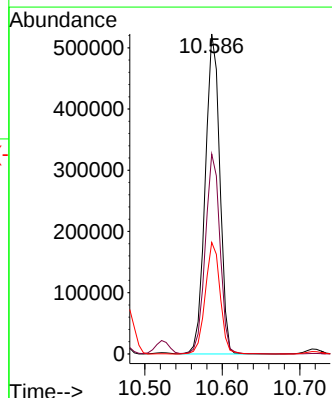
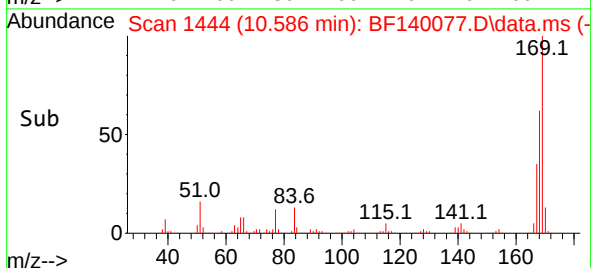
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

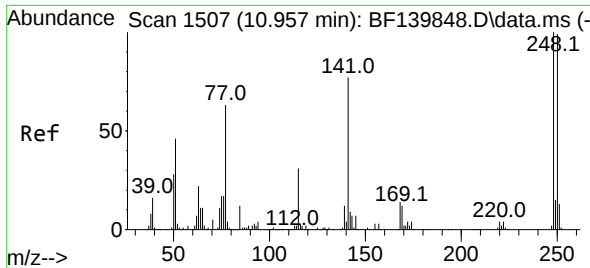


#66
n-Nitrosodiphenylamine
Concen: 44.467 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:169 Resp: 680576
Ion Ratio Lower Upper
169 100
168 62.5 49.8 74.6
167 34.8 28.0 42.0





#67
4-Bromophenyl-phenylether
Concen: 45.173 ng
RT: 10.957 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

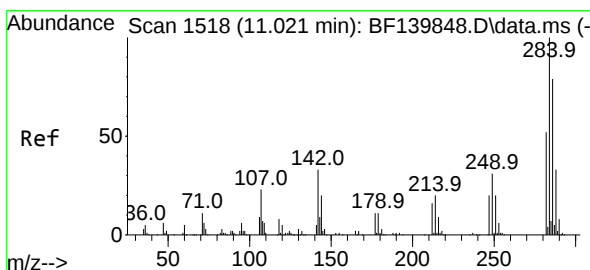
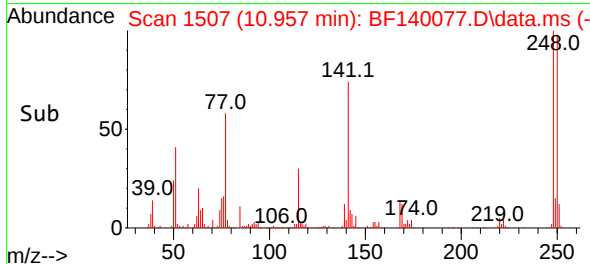
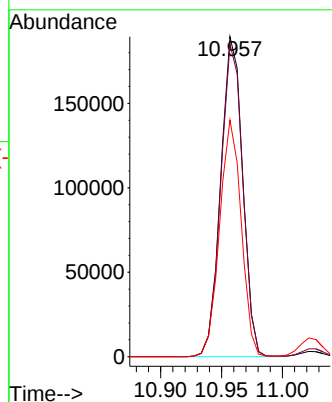
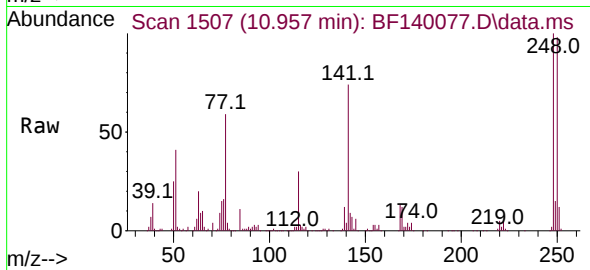
ClientSampleId :

PB164444BS

Tgt Ion:248 Resp: 237977
Ion Ratio Lower Upper
248 100
250 97.6 79.0 118.6
141 73.9 61.7 92.5

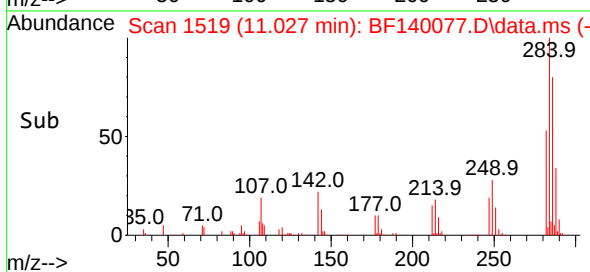
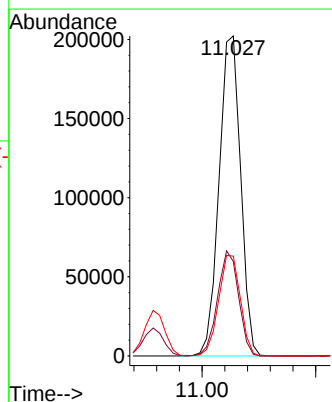
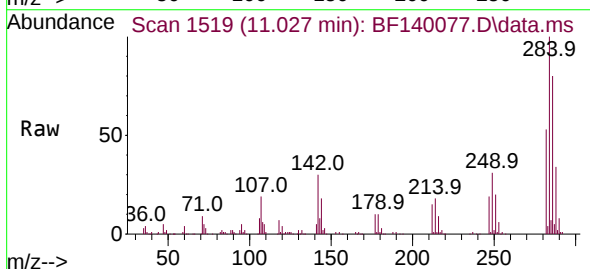
Manual Integrations
APPROVED

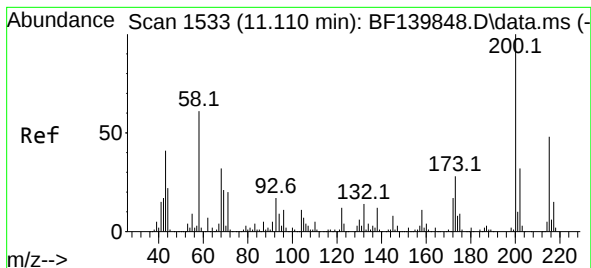
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#68
Hexachlorobenzene
Concen: 44.950 ng
RT: 11.027 min Scan# 1519
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Tgt Ion:284 Resp: 266322
Ion Ratio Lower Upper
284 100
142 29.5 26.9 40.3
249 31.2 25.3 37.9





#69

Atrazine

Concen: 54.080 ng

RT: 11.116 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

Tgt Ion:200 Resp: 224215

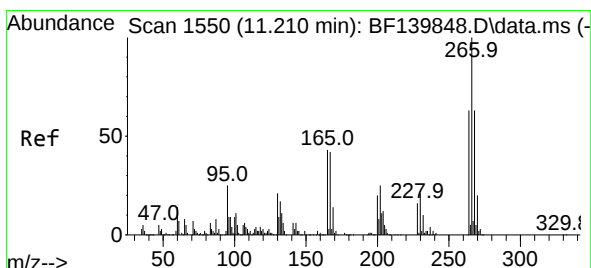
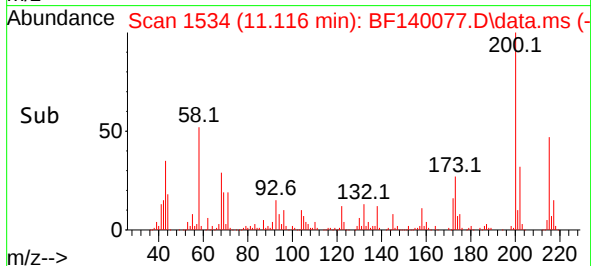
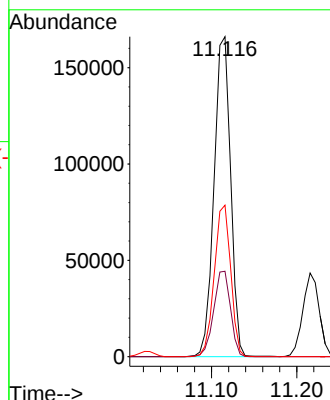
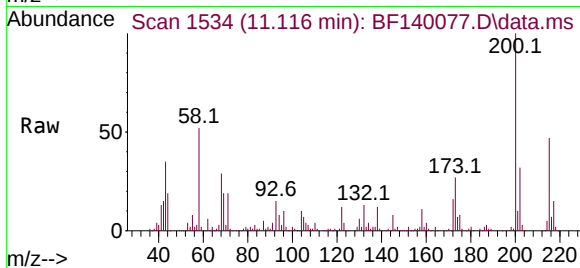
Ion	Ratio	Lower	Upper
200	100		
173	26.7	7.7	47.7
215	47.3	27.7	67.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#70

Pentachlorophenol

Concen: 89.731 ng

RT: 11.216 min Scan# 1551

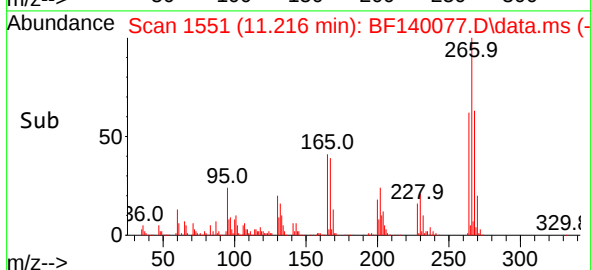
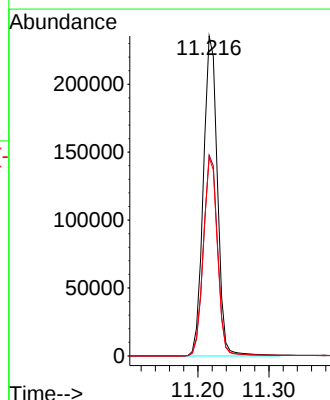
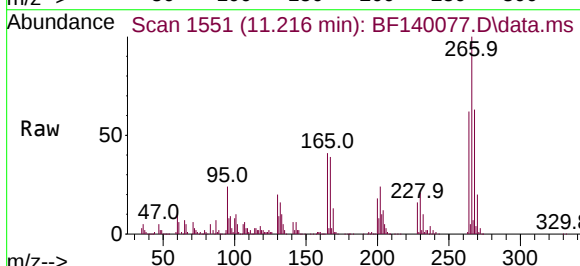
Delta R.T. 0.006 min

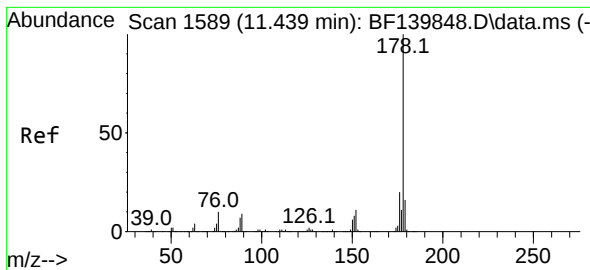
Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion:266 Resp: 322659

Ion	Ratio	Lower	Upper
266	100		
268	62.7	50.4	75.6
264	62.1	50.6	75.8





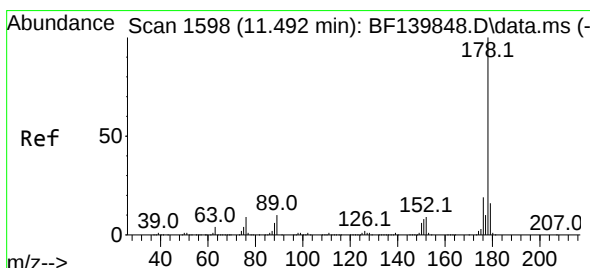
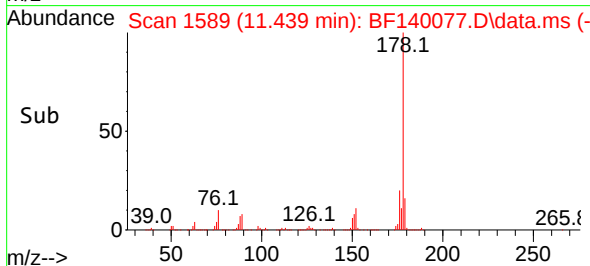
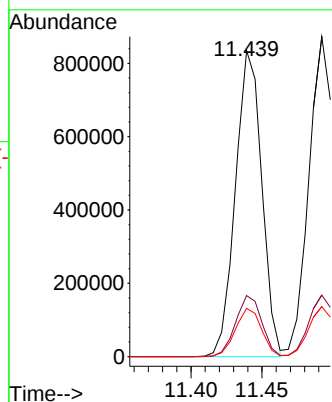
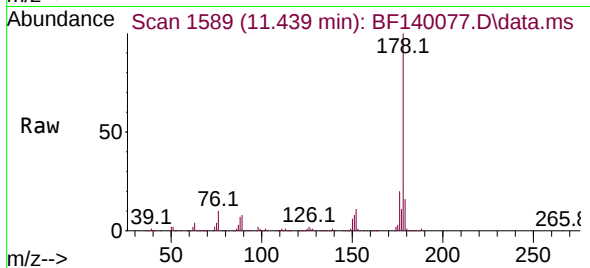
#71
Phenanthrene
Concen: 44.500 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :
BNA_F
ClientSampleId :
PB164444BS

Tgt Ion:178 Resp: 1074904
Ion Ratio Lower Upper
178 100
176 19.9 15.8 23.6
179 15.8 12.6 18.8

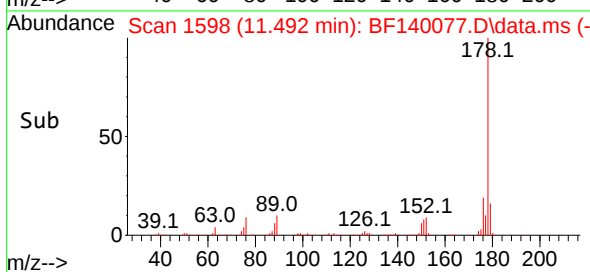
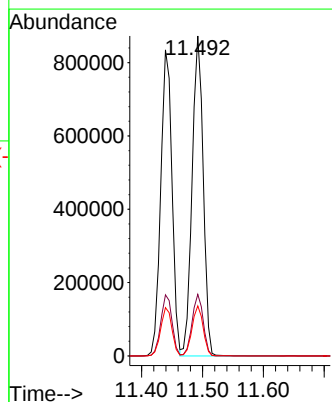
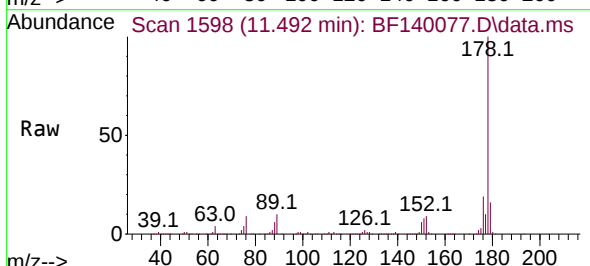
Manual Integrations
APPROVED

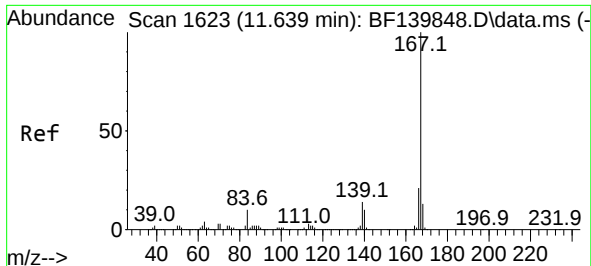
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#72
Anthracene
Concen: 47.004 ng
RT: 11.492 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

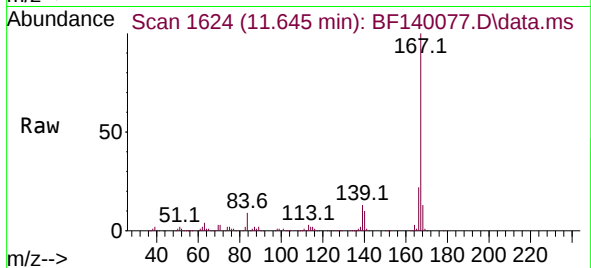
Tgt Ion:178 Resp: 1107771
Ion Ratio Lower Upper
178 100
176 19.2 15.3 22.9
179 15.6 12.4 18.6





#73
 Carbazole
 Concen: 43.475 ng
 RT: 11.645 min Scan# 1624
 Delta R.T. 0.006 min
 Lab File: BF140077.D
 Acq: 28 Oct 2024 10:29

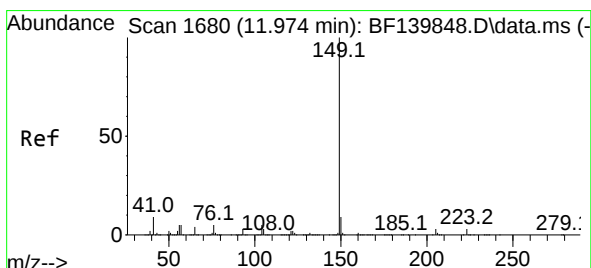
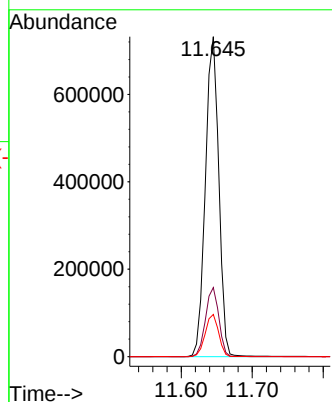
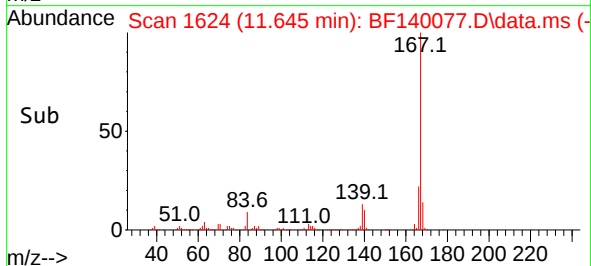
Instrument :
 BNA_F
 ClientSampleId :
 PB164444BS



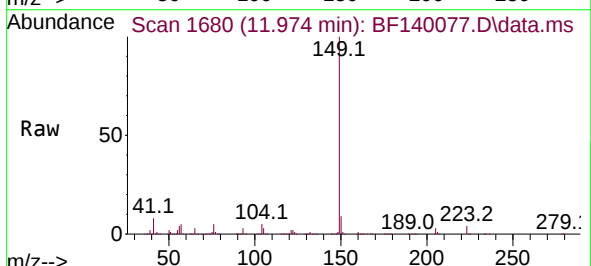
Tgt Ion:167 Resp: 952915
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.2 10.8 16.2

Manual Integrations
 APPROVED

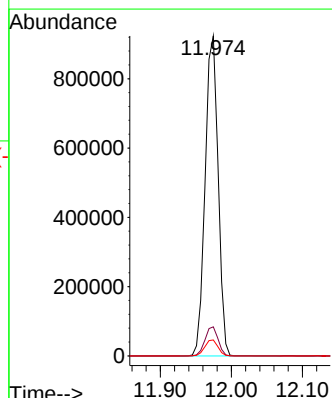
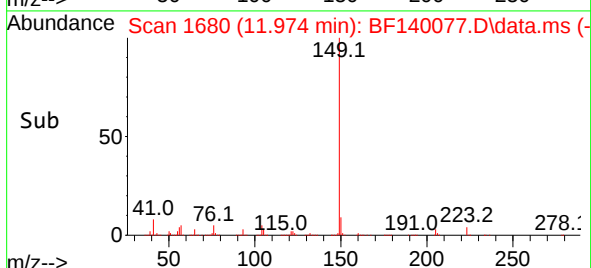
Reviewed By :Yogesh Patel 10/29/2024
 Supervised By :mohammad ahmed 10/30/2024

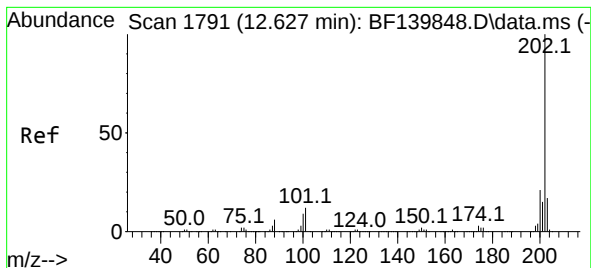


#74
 Di-n-butylphthalate
 Concen: 46.086 ng
 RT: 11.974 min Scan# 1680
 Delta R.T. 0.000 min
 Lab File: BF140077.D
 Acq: 28 Oct 2024 10:29



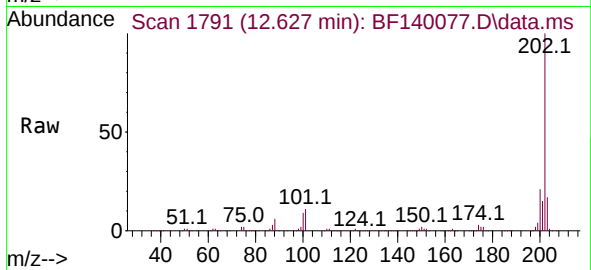
Tgt Ion:149 Resp: 1167048
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 43.973 ng
RT: 12.627 min Scan# 1791
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

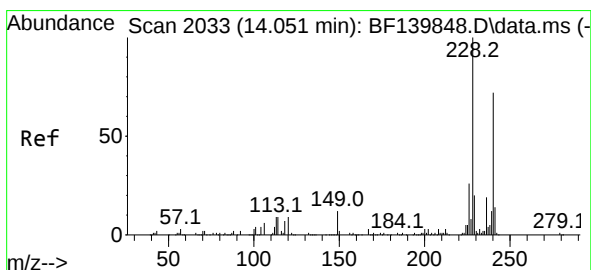
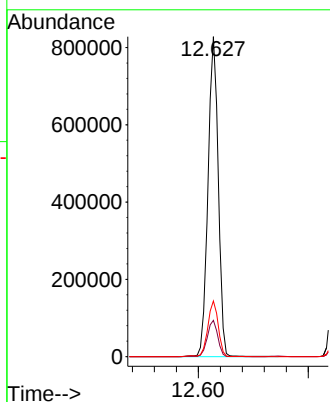
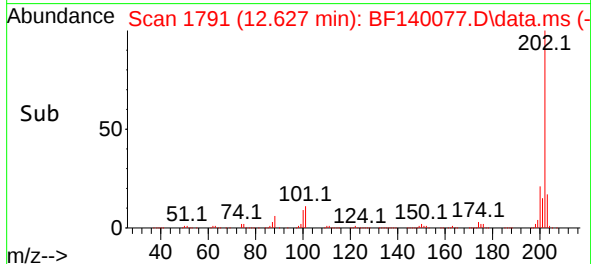
Instrument :
BNA_F
ClientSampleId :
PB164444BS



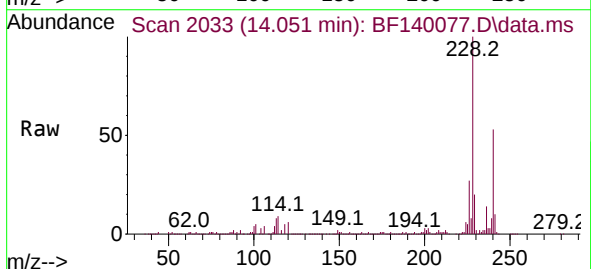
Tgt Ion:202 Resp: 1073772
Ion Ratio Lower Upper
202 100
101 11.3 0.0 31.9
203 17.4 0.0 37.5

Manual Integrations
APPROVED

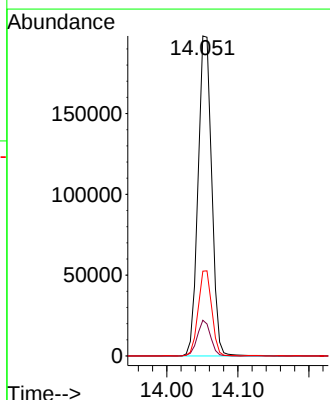
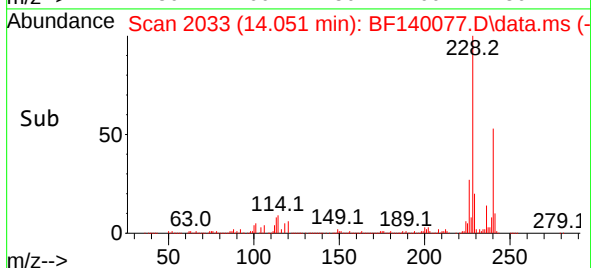
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

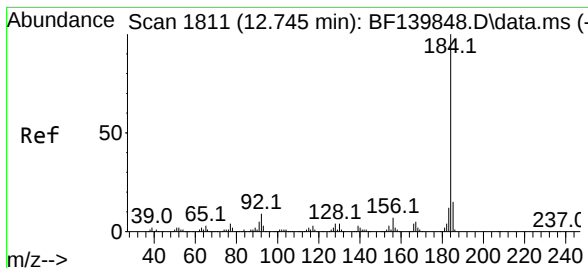


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



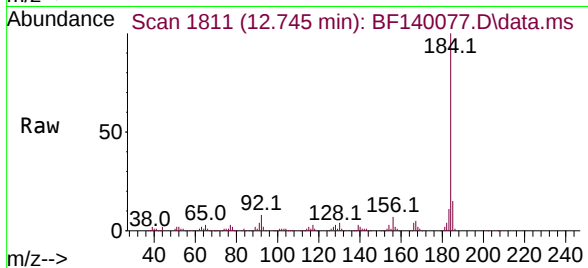
Tgt Ion:240 Resp: 262593
Ion Ratio Lower Upper
240 100
120 11.1 9.4 14.2
236 26.5 20.9 31.3





#77
Benzidine
Concen: 55.056 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

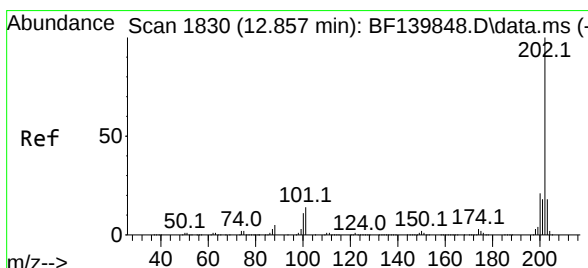
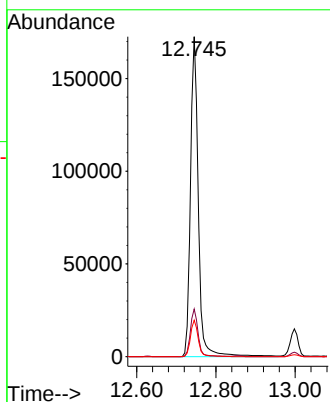
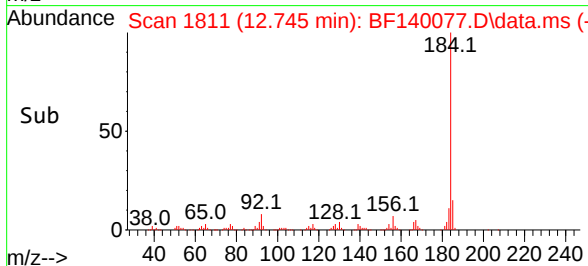
Instrument :
BNA_F
ClientSampleId :
PB164444BS



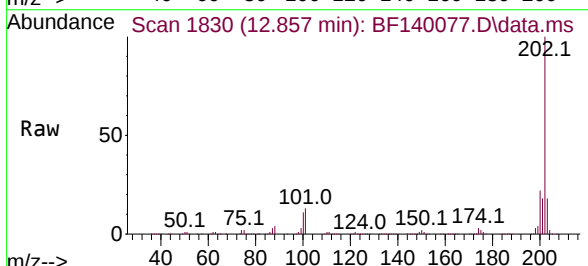
Tgt Ion:184 Resp: 237729
Ion Ratio Lower Upper
184 100
185 14.9 12.0 18.0
183 11.4 9.4 14.2

Manual Integrations
APPROVED

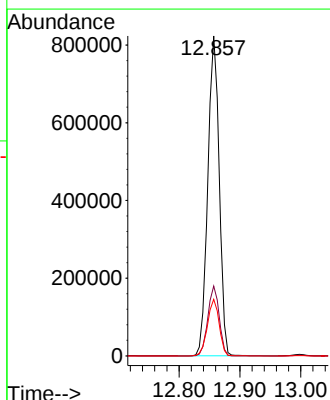
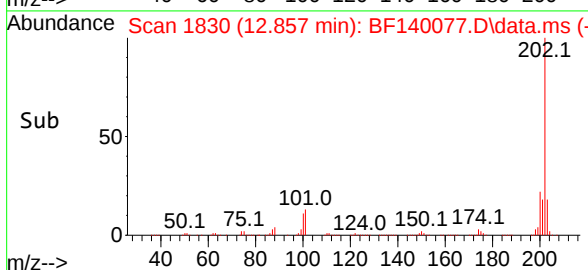
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

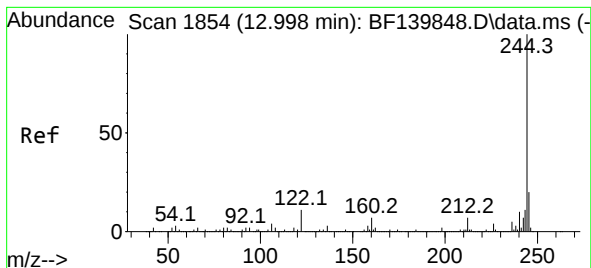


#78
Pyrene
Concen: 46.552 ng
RT: 12.857 min Scan# 1830
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:202 Resp: 1070018
Ion Ratio Lower Upper
202 100
200 21.8 17.2 25.8
203 17.7 14.2 21.4





#79

Terphenyl-d14

Concen: 95.744 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF140077.D

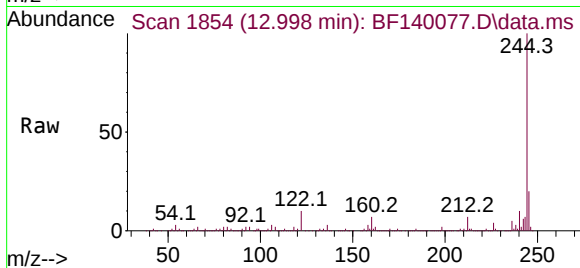
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS



Tgt Ion:244 Resp: 1542921

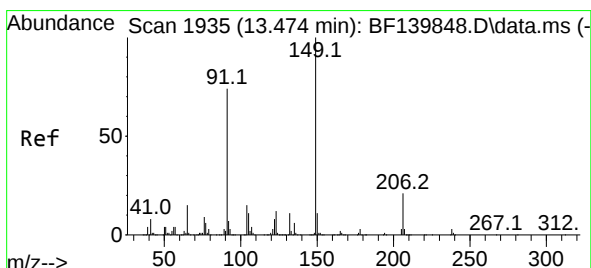
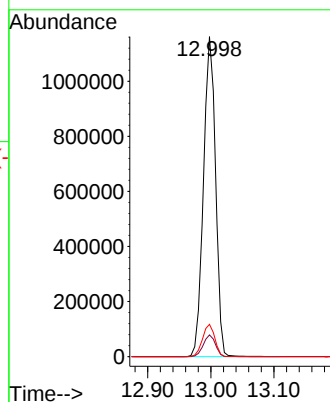
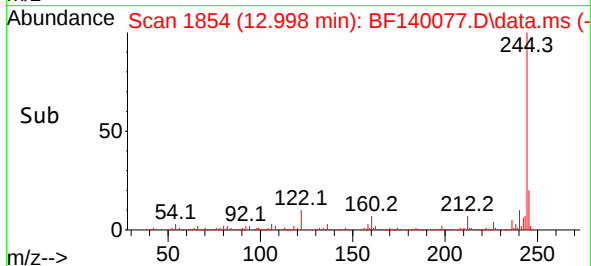
Ion	Ratio	Lower	Upper
244	100		
212	6.8	5.7	8.5
122	10.1	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#80

Butylbenzylphthalate

Concen: 52.081 ng

RT: 13.468 min Scan# 1934

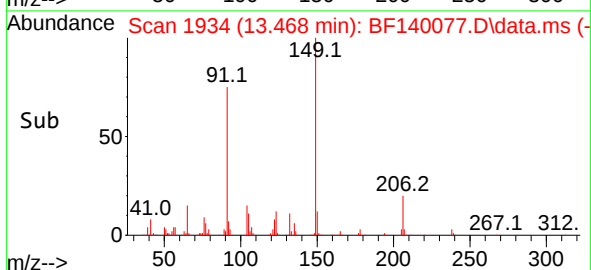
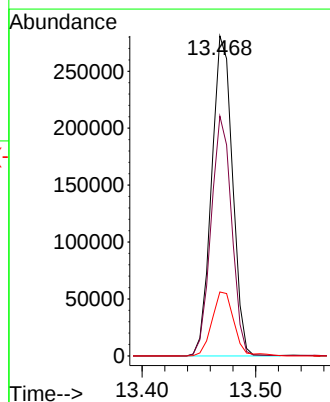
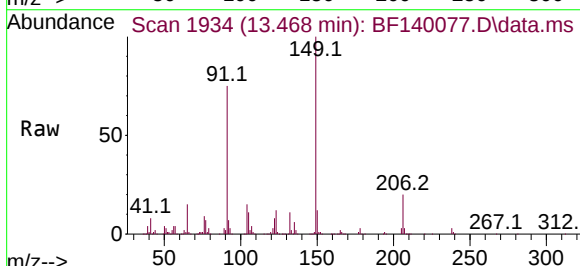
Delta R.T. -0.006 min

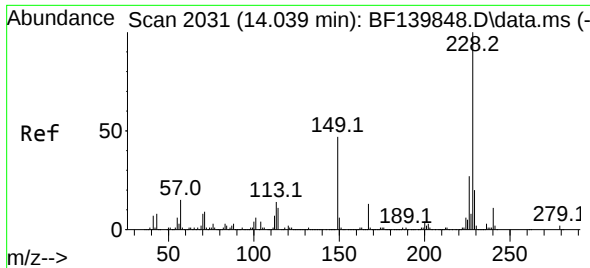
Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion:149 Resp: 358899

Ion	Ratio	Lower	Upper
149	100		
91	74.9	59.4	89.2
206	20.0	16.4	24.6





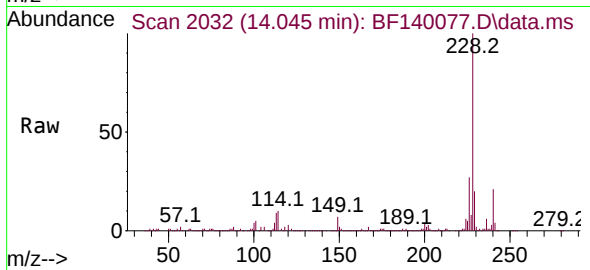
#81
Benzo(a)anthracene
Concen: 48.236 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS

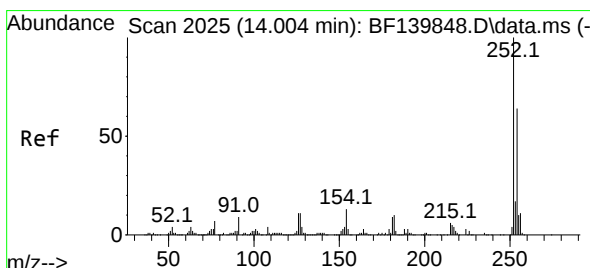
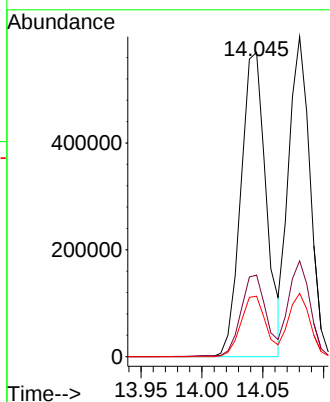
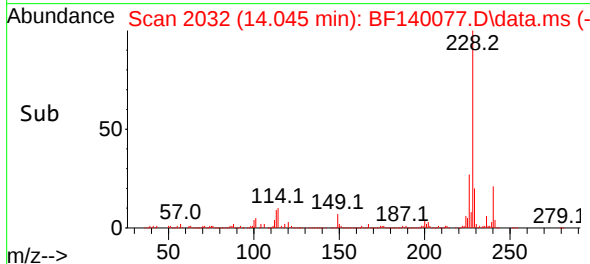


Tgt Ion:228 Resp: 824539
Ion Ratio Lower Upper
228 100
226 26.8 21.6 32.4
229 19.8 16.1 24.1

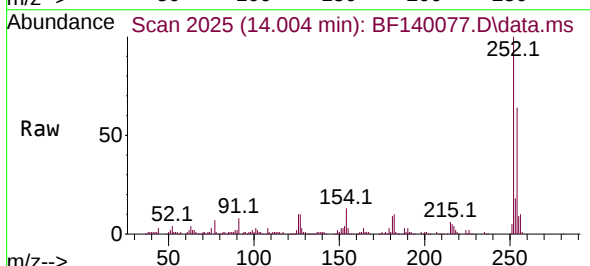
Manual Integrations

APPROVED

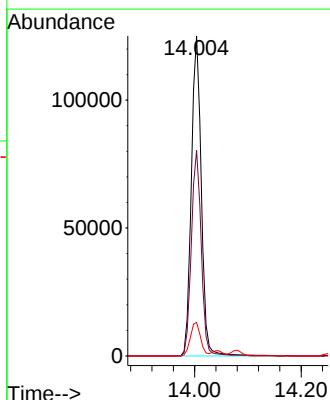
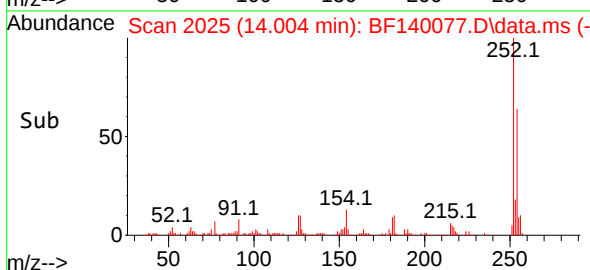
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

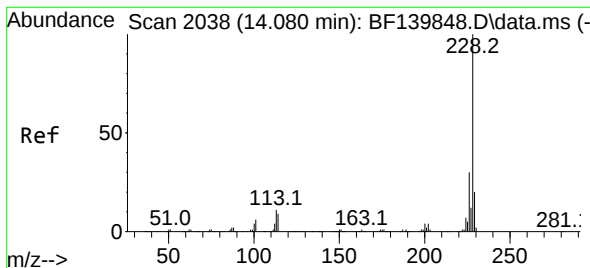


#82
3,3'-Dichlorobenzidine
Concen: 32.497 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:252 Resp: 161964
Ion Ratio Lower Upper
252 100
254 64.2 50.8 76.2
126 10.5 8.9 13.3





#83

Chrysene

Concen: 46.850 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140077.D

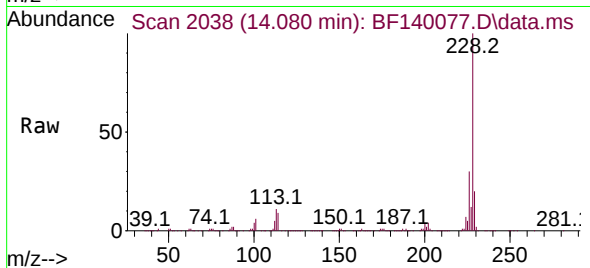
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

PB164444BS



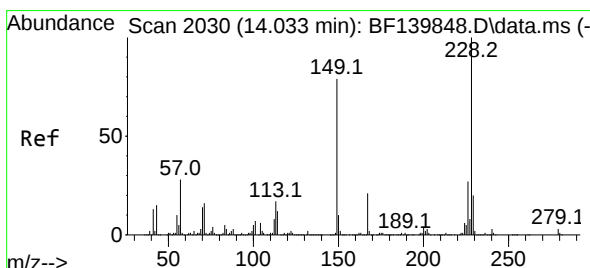
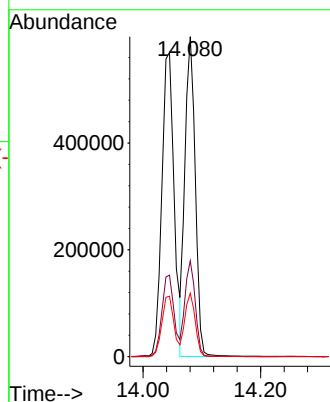
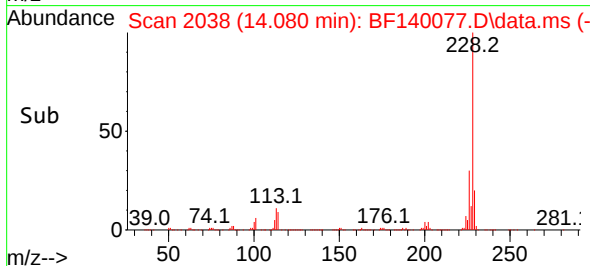
Tgt Ion:	228	Resp:	734278
Ion Ratio	Lower	Upper	
228	100		
226	29.9	24.1	36.1
229	19.8	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/29/2024

Supervised By :mohammad ahmed 10/30/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.091 ng

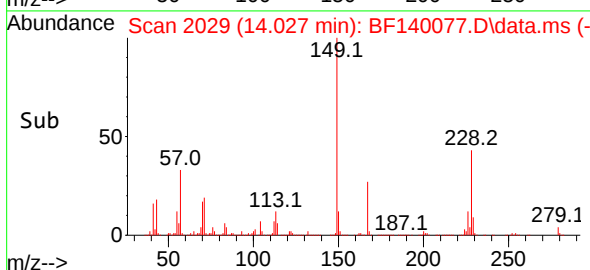
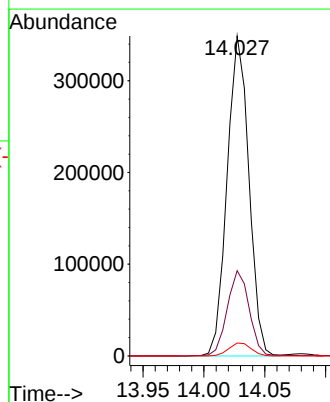
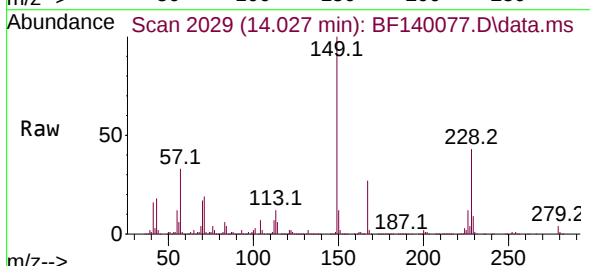
RT: 14.027 min Scan# 2029

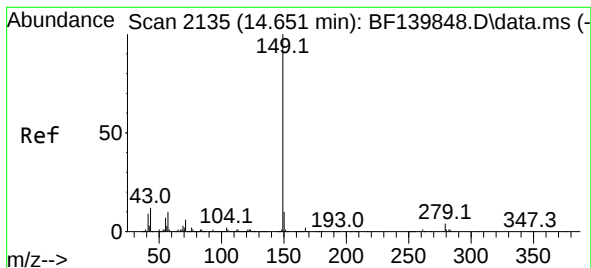
Delta R.T. -0.006 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion:	149	Resp:	433668
Ion Ratio	Lower	Upper	
149	100		
167	26.6	21.4	32.0
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 49.743 ng

RT: 14.639 min Scan# 2133

Delta R.T. -0.012 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

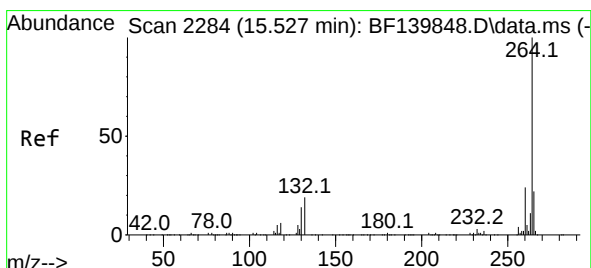
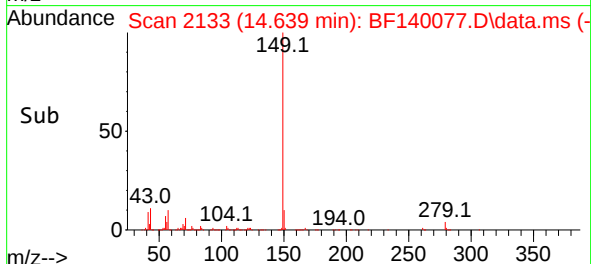
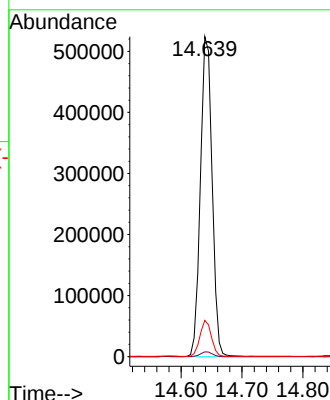
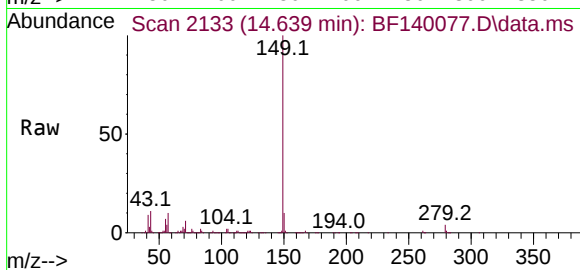
ClientSampleId :

PB164444BS

Tgt Ion:	149	Resp:	69952
Ion Ratio	Lower	Upper	
149	100		
167	1.5	1.2	1.8
43	11.0	9.8	14.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#86

Perylene-d12

Concen: 20.000 ng

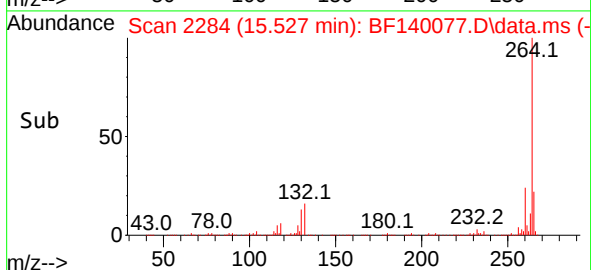
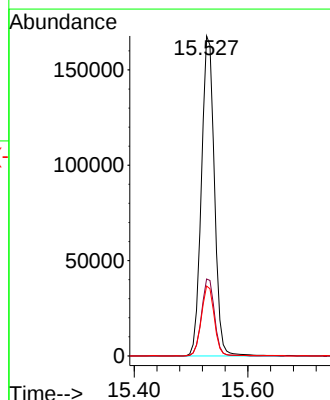
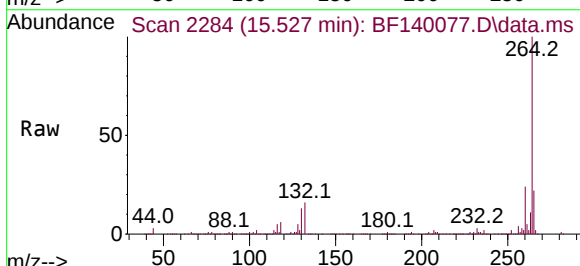
RT: 15.527 min Scan# 2284

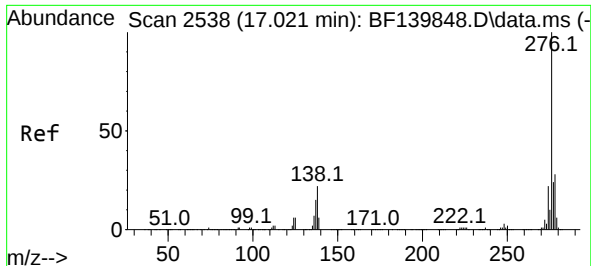
Delta R.T. 0.000 min

Lab File: BF140077.D

Acq: 28 Oct 2024 10:29

Tgt Ion:	264	Resp:	265684
Ion Ratio	Lower	Upper	
264	100		
260	24.0	19.4	29.2
265	21.8	17.4	26.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 49.096 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

Instrument :

BNA_F

ClientSampleId :

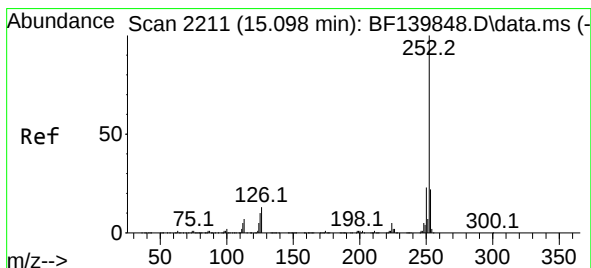
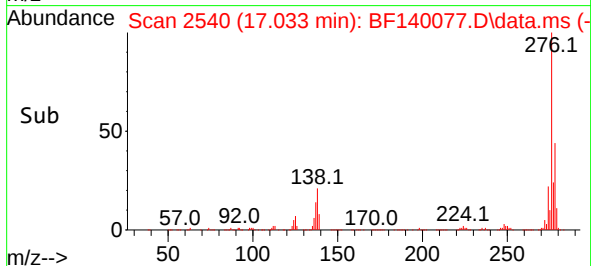
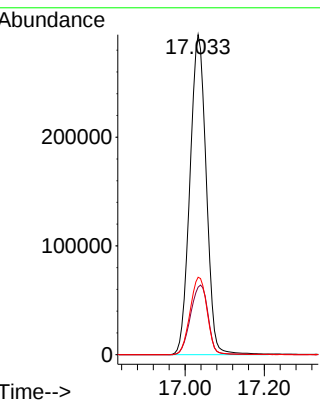
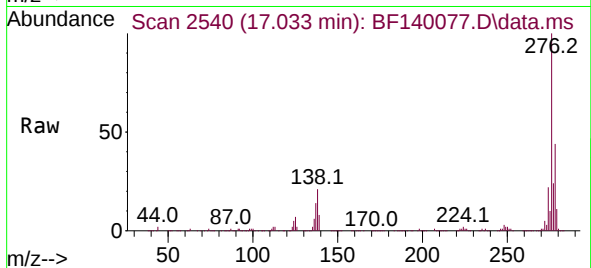
PB164444BS

Tgt Ion:276 Resp: 839150
Ion Ratio Lower Upper
276 100
138 23.3 20.4 30.6
277 25.3 20.2 30.4

Manual Integrations

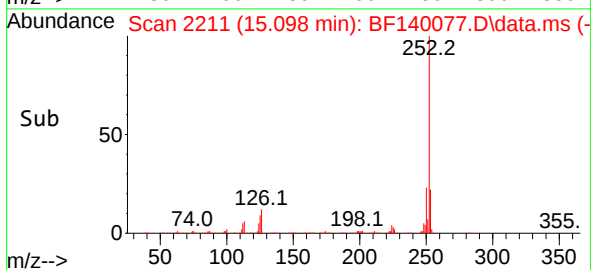
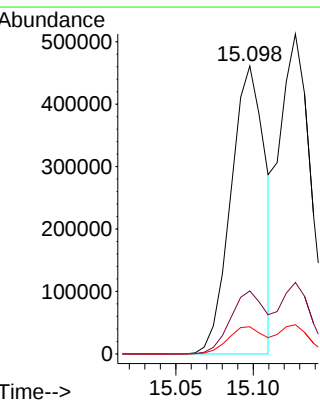
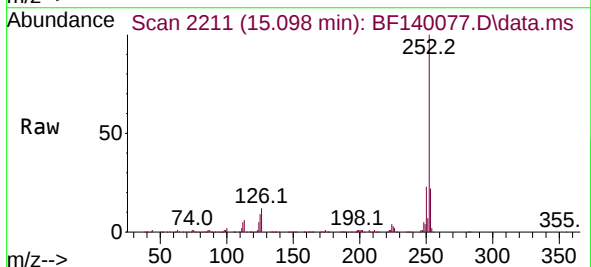
APPROVED

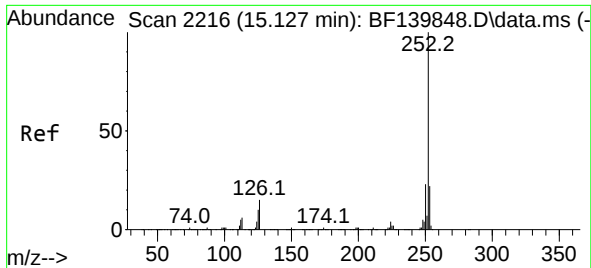
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#88
Benzo(b)fluoranthene
Concen: 43.570 ng
RT: 15.098 min Scan# 2211
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

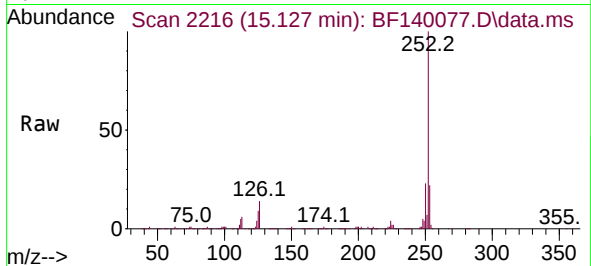
Tgt Ion:252 Resp: 705155
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.4 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 50.999 ng
RT: 15.127 min Scan# 2216
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

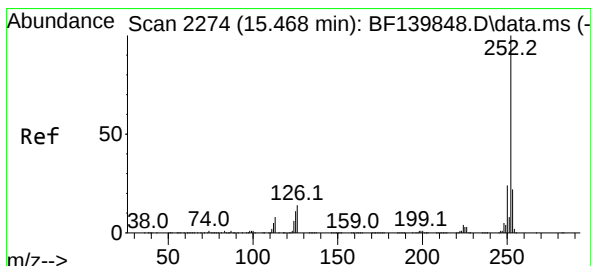
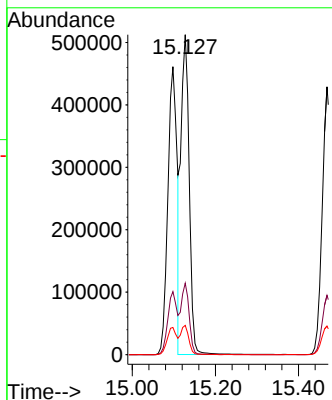
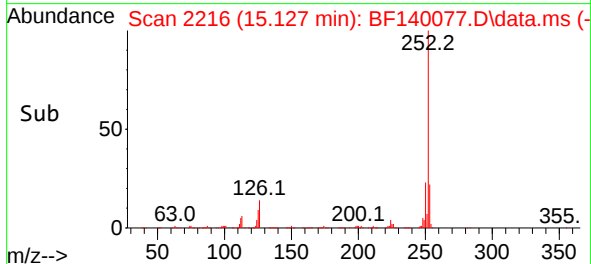
Instrument :
BNA_F
ClientSampleId :
PB164444BS



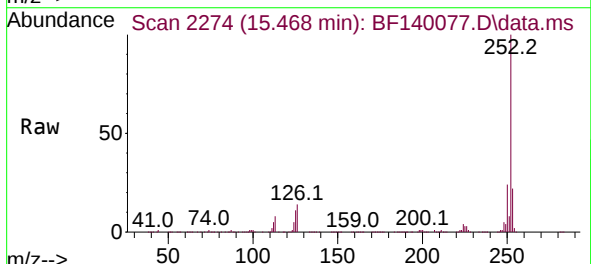
Tgt Ion:252 Resp: 711830
Ion Ratio Lower Upper
252 100
253 22.3 17.6 26.4
125 9.1 7.9 11.9

Manual Integrations
APPROVED

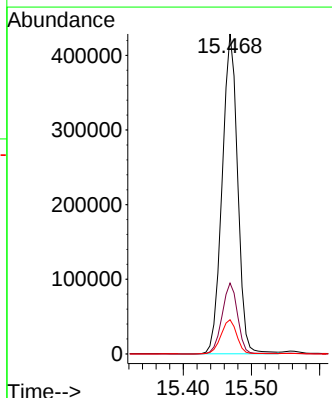
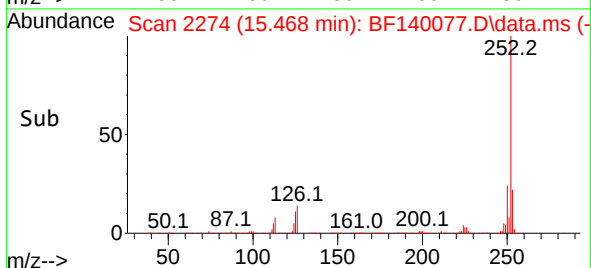
Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024

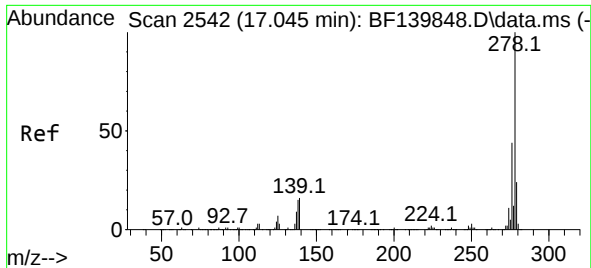


#90
Benzo(a)pyrene
Concen: 50.645 ng
RT: 15.468 min Scan# 2274
Delta R.T. 0.000 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



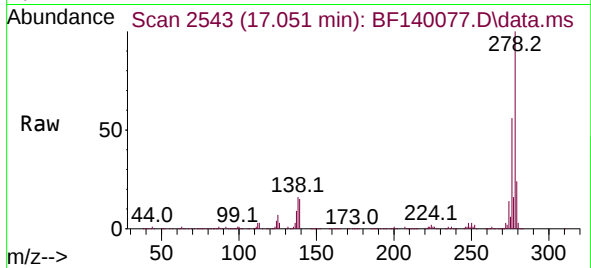
Tgt Ion:252 Resp: 674445
Ion Ratio Lower Upper
252 100
253 22.1 17.3 25.9
125 10.7 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 47.676 ng
RT: 17.051 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29

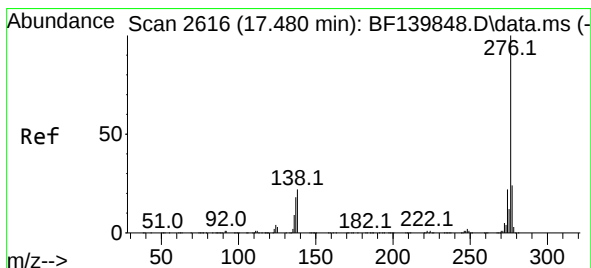
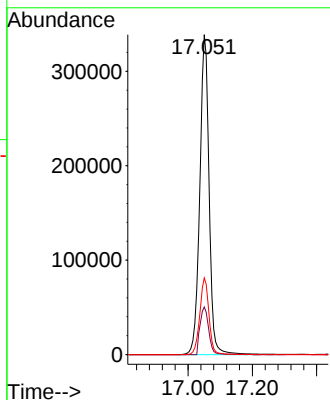
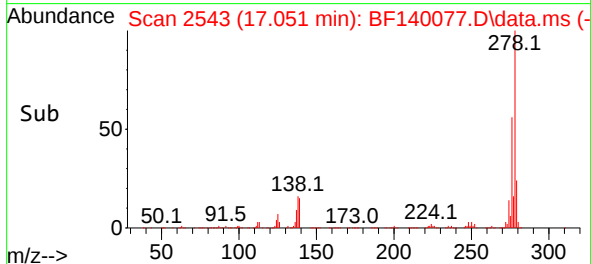
Instrument :
BNA_F
ClientSampleId :
PB164444BS



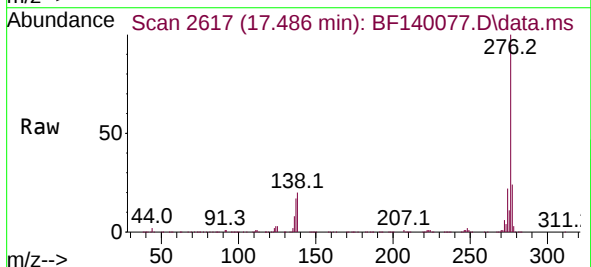
Tgt Ion:278 Resp: 679796
Ion Ratio Lower Upper
278 100
139 14.9 13.1 19.7
279 24.0 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/29/2024
Supervised By :mohammad ahmed 10/30/2024



#92
Benzo(g,h,i)perylene
Concen: 45.246 ng
RT: 17.486 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF140077.D
Acq: 28 Oct 2024 10:29



Tgt Ion:276 Resp: 644416
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 20.0 17.4 26.0

