

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140647.D
 Acq On : 26 Nov 2024 17:33
 Operator : RC/JU
 Sample : P4938-04MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

Quant Time: Nov 27 00:07:18 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	54214	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	200806	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	102941	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	186502	20.000	ng	0.00
76) Chrysene-d12	14.045	240	120857	20.000	ng	0.00
86) Perylene-d12	15.545	264	106006	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	449351	141.419	ng	0.00
7) Phenol-d6	6.510	99	563855	134.230	ng	0.00
23) Nitrobenzene-d5	7.434	82	374308	95.346	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	162089	147.225	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	691094	100.027	ng	-0.01
79) Terphenyl-d14	12.980	244	617360	79.541	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	53707	40.201	ng	# 82
3) Pyridine	3.475	79	75834	25.799	ng	99
4) n-Nitrosodimethylamine	3.381	42	73023	42.269	ng	92
6) Aniline	6.540	93	35069	11.861	ng	# 79
8) 2-Chlorophenol	6.663	128	163669	47.878	ng	95
9) Benzaldehyde	6.428	77	12447	5.597	ng	99
10) Phenol	6.522	94	198317	46.228	ng	87
11) bis(2-Chloroethyl)ether	6.604	93	151250	46.074	ng	99
12) 1,3-Dichlorobenzene	6.810	146	153693	40.012	ng	98
13) 1,4-Dichlorobenzene	6.887	146	156013	40.113	ng	100
14) 1,2-Dichlorobenzene	7.040	146	152371	41.809	ng	100
15) Benzyl Alcohol	7.016	79	138037	44.311	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	188237	48.537	ng	97
17) 2-Methylphenol	7.128	107	133911	48.936	ng	97
18) Hexachloroethane	7.381	117	55759	38.386	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	118607	47.776	ng	98
20) 3+4-Methylphenols	7.287	107	177288	50.405	ng	# 81
22) Acetophenone	7.275	105	230443	47.072	ng	95
24) Nitrobenzene	7.451	77	177114	43.652	ng	98
25) Isophorone	7.687	82	317704	48.520	ng	99
26) 2-Nitrophenol	7.769	139	86334	48.015	ng	96
27) 2,4-Dimethylphenol	7.804	122	131188m	60.979	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	186482	46.749	ng	99
29) 2,4-Dichlorophenol	8.016	162	141049	49.479	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	137230	42.161	ng	99
31) Naphthalene	8.175	128	480717	46.476	ng	99
32) Benzoic acid	7.922	122	85731	46.124	ng	98
33) 4-Chloroaniline	8.234	127	31501	10.172	ng	97
34) Hexachlorobutadiene	8.287	225	89086	41.322	ng	99
35) Caprolactam	8.581	113	39811	45.127	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	160860	50.399	ng	98
37) 2-Methylnaphthalene	8.863	142	312727	47.602	ng	100
38) 1-Methylnaphthalene	8.963	142	288339	44.776	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	150050	49.791	ng	99
41) Hexachlorocyclopentadiene	9.016	237	66051	95.912	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	100220	52.998	ng	99

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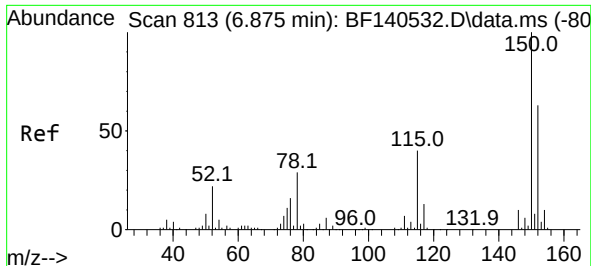
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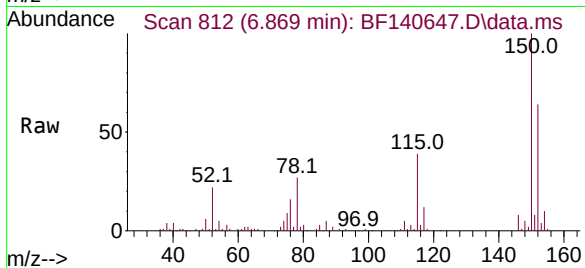
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	108734	52.982	ng	98
46) 1,1'-Biphenyl	9.328	154	393128	51.151	ng	100
47) 2-Chloronaphthalene	9.351	162	291495	50.054	ng	99
48) 2-Nitroaniline	9.451	65	94995	50.820	ng	97
49) Acenaphthylene	9.769	152	482501	54.835	ng	100
50) Dimethylphthalate	9.628	163	358778	52.920	ng	100
51) 2,6-Dinitrotoluene	9.692	165	77189	50.201	ng	91
52) Acenaphthene	9.939	154	294228	52.627	ng	99
53) 3-Nitroaniline	9.863	138	15517	10.318	ng	98
54) 2,4-Dinitrophenol	9.981	184	71327	88.634	ng	92
55) Dibenzofuran	10.116	168	447398	52.463	ng	99
56) 4-Nitrophenol	10.039	139	108078	105.379	ng	89
57) 2,4-Dinitrotoluene	10.098	165	106072	51.907	ng	97
58) Fluorene	10.457	166	348793	50.955	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	90859	57.606	ng	92
60) Diethylphthalate	10.322	149	350884	50.940	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	171943	51.185	ng	97
62) 4-Nitroaniline	10.475	138	53289	33.786	ng	95
63) Azobenzene	10.604	77	322653	49.463	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	47163	49.487	ng	97
66) n-Nitrosodiphenylamine	10.563	169	259146	46.986	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	103046	53.651	ng	97
68) Hexachlorobenzene	11.004	284	111587	50.175	ng	96
69) Atrazine	11.092	200	69820	44.999	ng	100
70) Pentachlorophenol	11.210	266	110931	113.331	ng	99
71) Phenanthrene	11.422	178	474307	52.907	ng	100
72) Anthracene	11.475	178	489342	55.801	ng	100
73) Carbazole	11.633	167	420762	49.875	ng	100
74) Di-n-butylphthalate	11.951	149	524134	53.815	ng	100
75) Fluoranthene	12.616	202	478275	49.136	ng	99
77) Benzidine	12.739	184	50868	14.476	ng	99
78) Pyrene	12.845	202	470932	42.143	ng	99
80) Butylbenzylphthalate	13.457	149	191732	47.628	ng	99
81) Benzo(a)anthracene	14.033	228	442646	55.329	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	27115	11.289	ng	97
83) Chrysene	14.074	228	381278	52.120	ng	99
84) Bis(2-ethylhexyl)phtha...	14.010	149	258236	50.802	ng	99
85) Di-n-octyl phthalate	14.639	149	397686	57.248	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	285038	41.260	ng	98
88) Benzo(b)fluoranthene	15.104	252	371165	55.744	ng	100
89) Benzo(k)fluoranthene	15.133	252	328631	56.401	ng	99
90) Benzo(a)pyrene	15.480	252	305695	56.466	ng	99
91) Dibenzo(a,h)anthracene	17.063	278	236510	41.804	ng	99
92) Benzo(g,h,i)perylene	17.504	276	208004	36.029	ng	98

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BF140647.D
 Acq: 26 Nov 2024 17:33

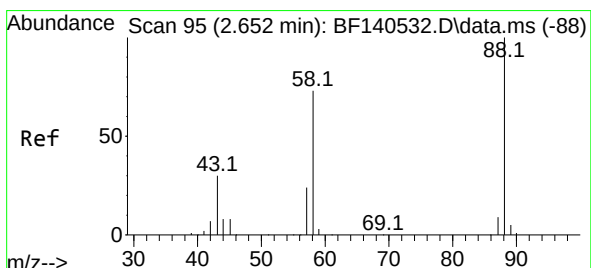
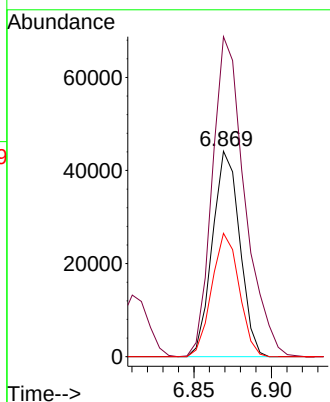
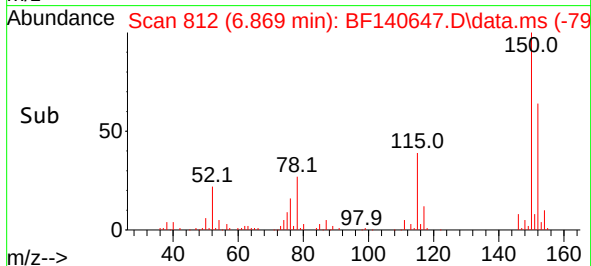
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS



Tgt Ion:152 Resp: 54214
 Ion Ratio Lower Upper
 152 100
 150 155.8 128.5 192.7
 115 60.0 50.2 75.4

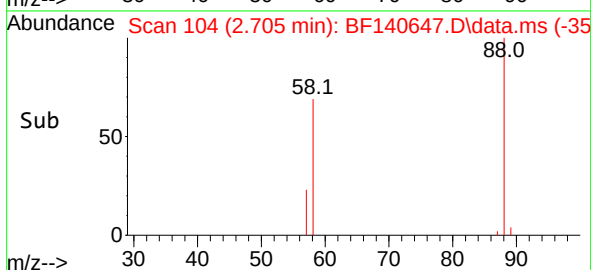
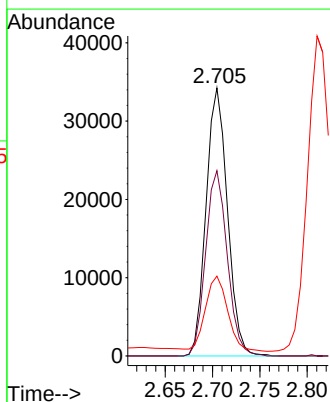
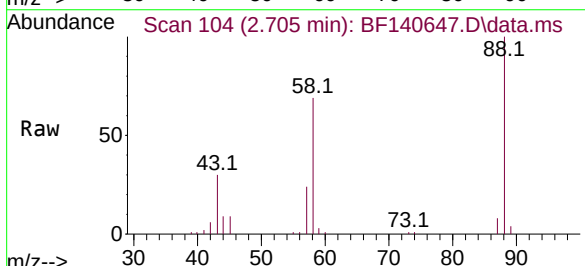
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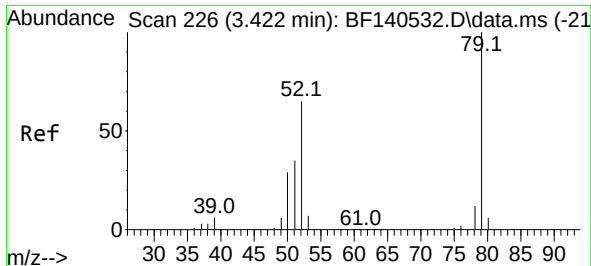
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#2
 1,4-Dioxane
 Concen: 40.201 ng
 RT: 2.705 min Scan# 104
 Delta R.T. 0.053 min
 Lab File: BF140647.D
 Acq: 26 Nov 2024 17:33

Tgt Ion: 88 Resp: 53707
 Ion Ratio Lower Upper
 88 100
 58 69.9 57.4 86.2
 43 0.0 24.3 36.5





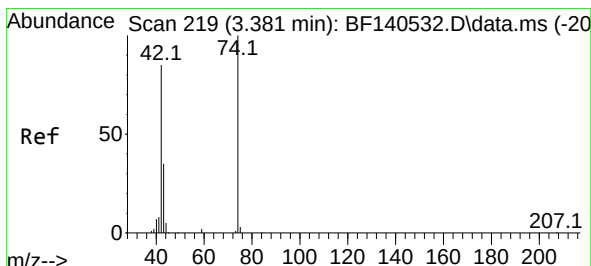
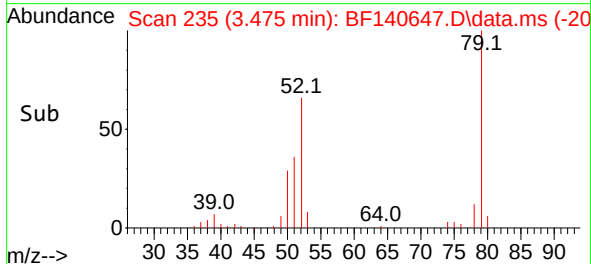
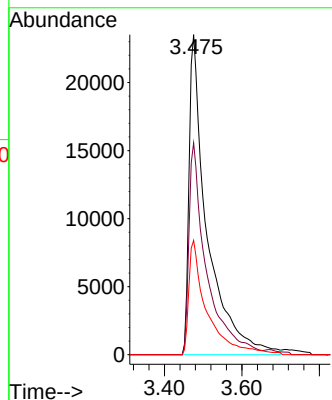
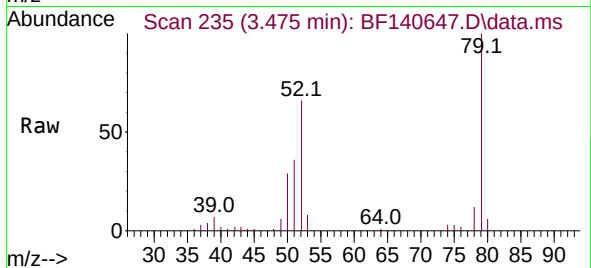
#3
Pyridine
Concen: 25.799 ng
RT: 3.475 min Scan# 219
Delta R.T. 0.053 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 79 Resp: 75834
Ion Ratio Lower Upper
79 100
52 66.2 52.1 78.1
51 35.7 27.8 41.8

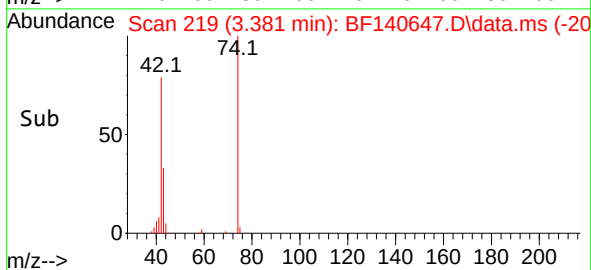
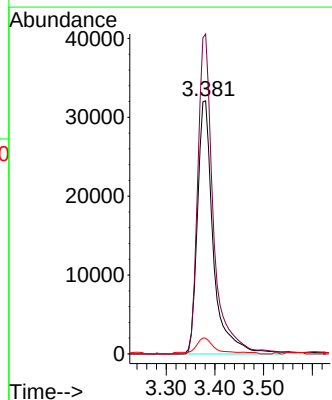
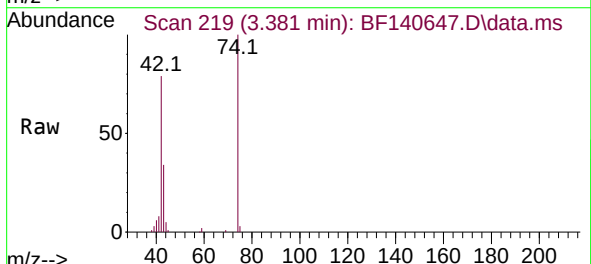
Manual Integrations
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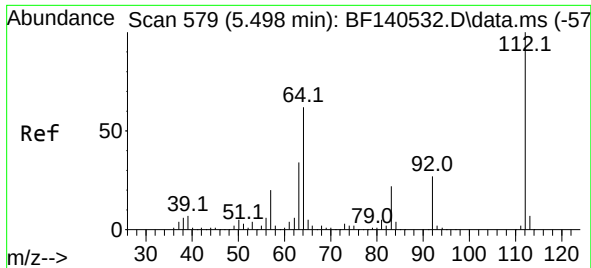
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 42.269 ng
RT: 3.381 min Scan# 219
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion: 42 Resp: 73023
Ion Ratio Lower Upper
42 100
74 126.4 93.8 140.6
44 6.2 4.6 6.8





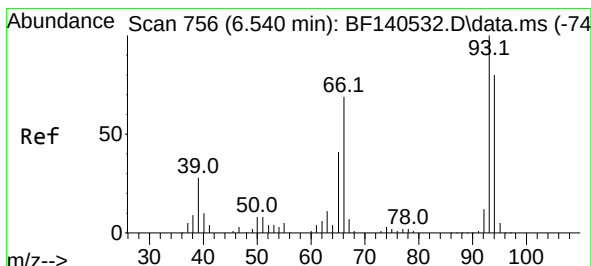
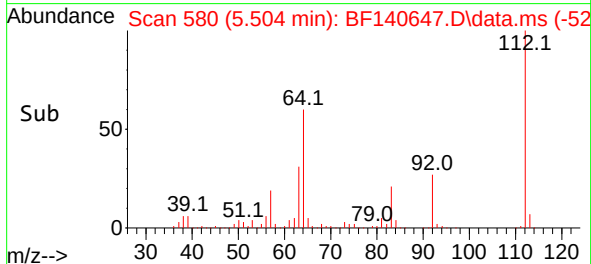
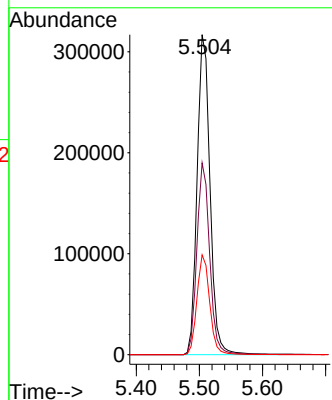
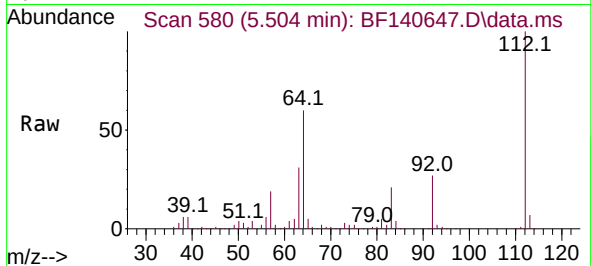
#5
2-Fluorophenol
Concen: 141.419 ng
RT: 5.504 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:112 Resp: 44935
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.2 27.0 40.4

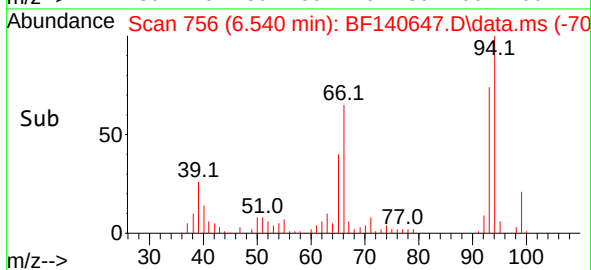
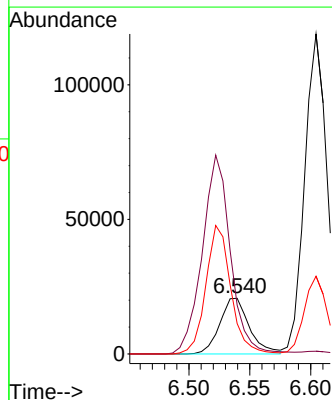
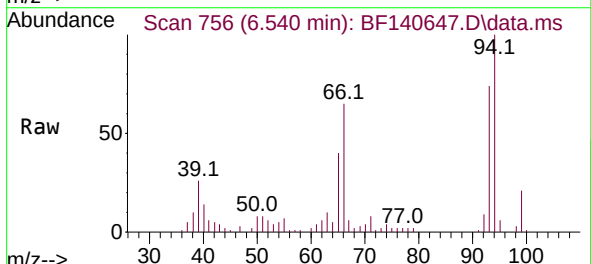
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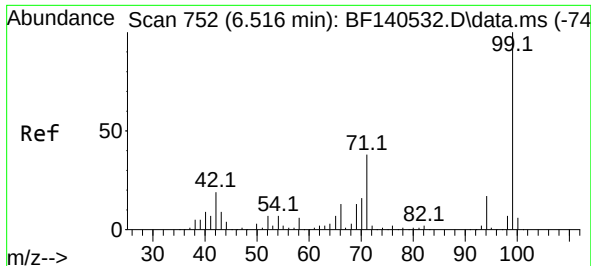
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 11.861 ng
RT: 6.540 min Scan# 756
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

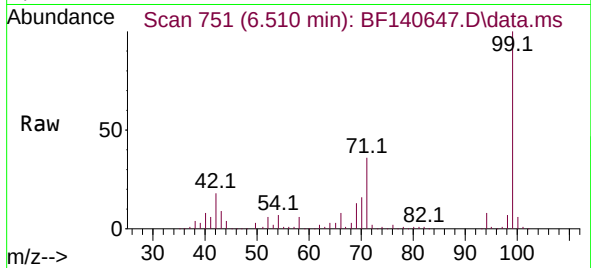
Tgt Ion: 93 Resp: 35069
Ion Ratio Lower Upper
93 100
66 87.8 56.5 84.7#
65 54.5 32.9 49.3#





#7
Phenol-d6
Concen: 134.230 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

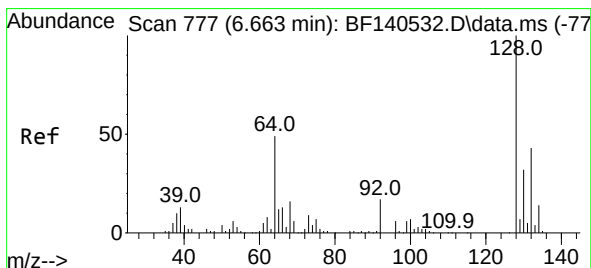
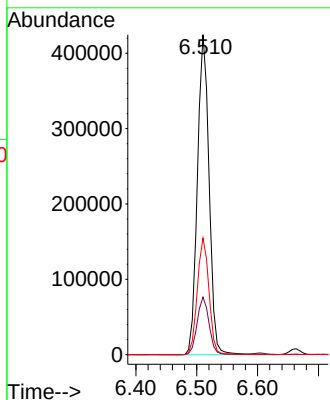
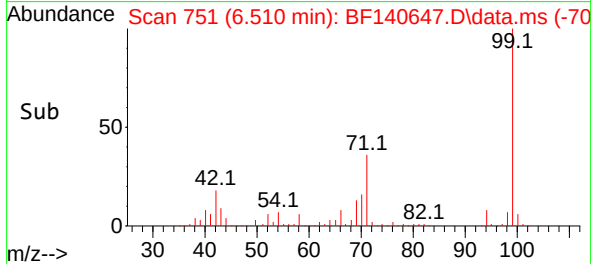
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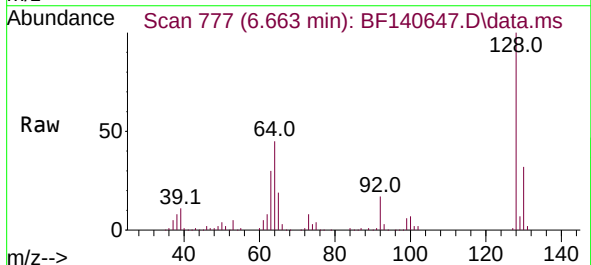
Tgt Ion: 99 Resp: 56385
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.5 30.6 46.0

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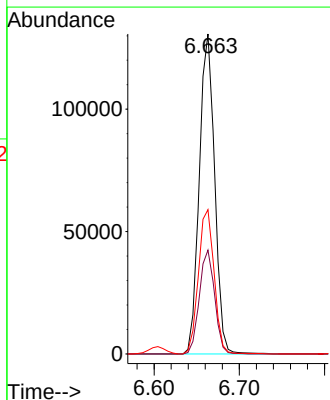
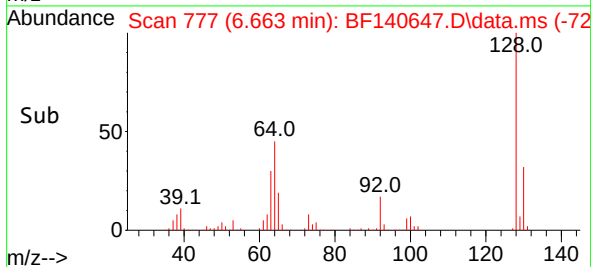
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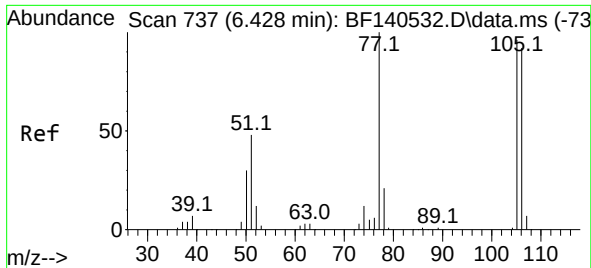


#8
2-Chlorophenol
Concen: 47.878 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:128 Resp: 163669
Ion Ratio Lower Upper
128 100
130 32.5 12.3 52.3
64 45.1 30.2 70.2





#9
Benzaldehyde
Concen: 5.597 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

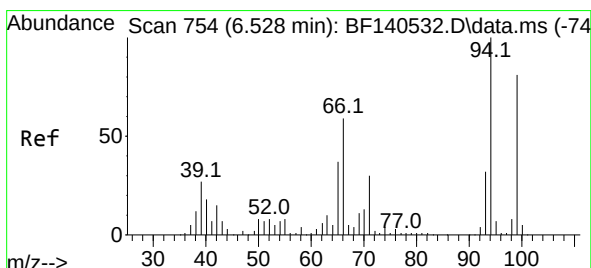
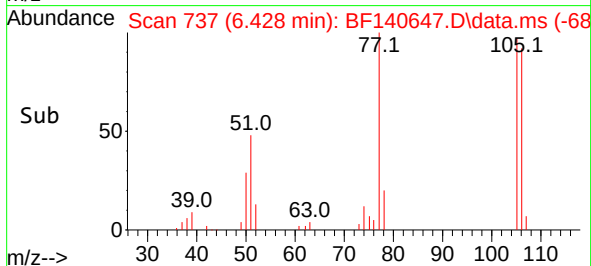
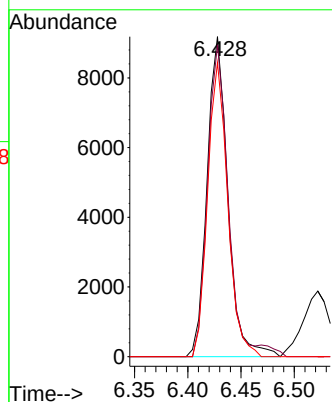
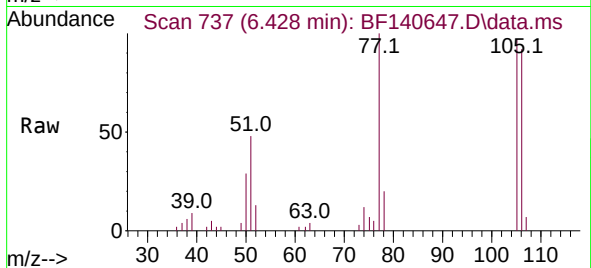
Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 77 Resp: 1244

Ion	Ratio	Lower	Upper
77	100		
105	97.5	75.6	115.6
106	91.9	72.0	112.0

Manual Integrations
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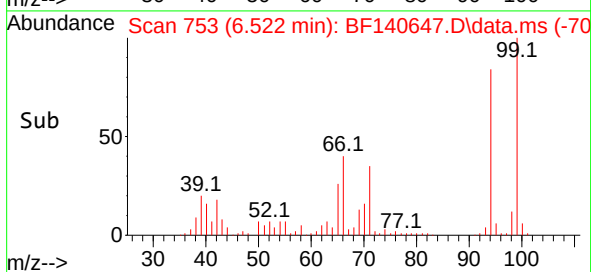
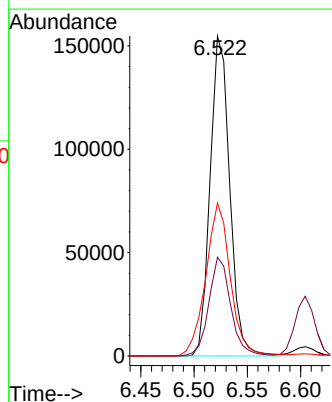
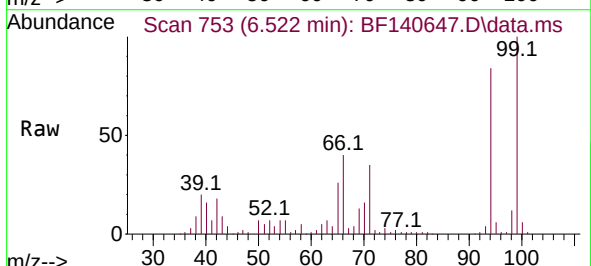
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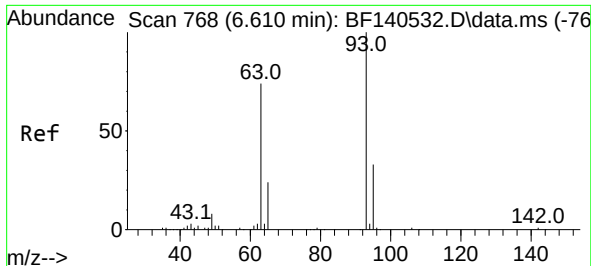


#10
Phenol
Concen: 46.228 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion: 94 Resp: 198317

Ion	Ratio	Lower	Upper
94	100		
65	30.8	17.2	57.2
66	47.7	39.2	79.2





#11

bis(2-Chloroethyl)ether

Concen: 46.074 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 93 Resp: 151250

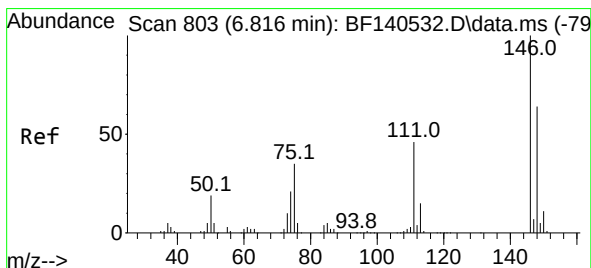
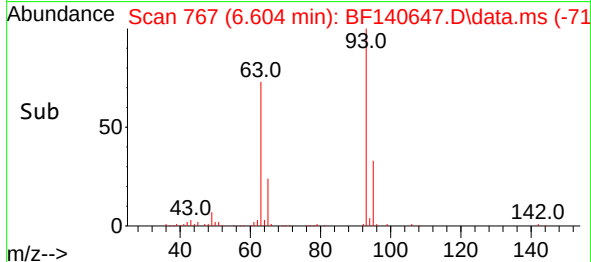
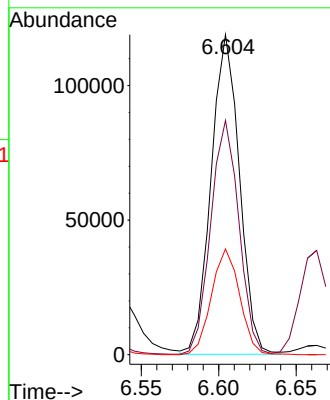
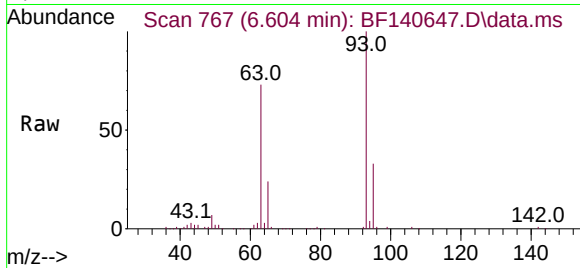
Ion	Ratio	Lower	Upper
93	100		
63	73.2	52.8	92.8
95	33.1	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 40.012 ng

RT: 6.810 min Scan# 802

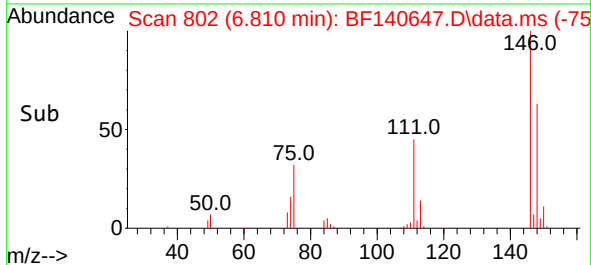
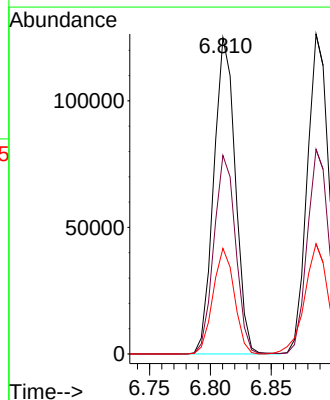
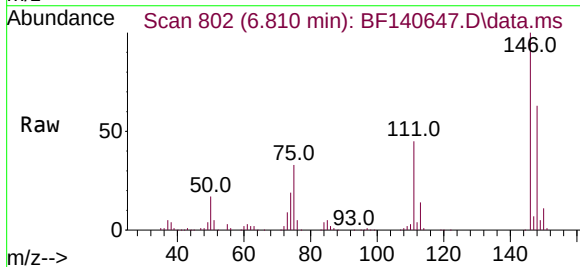
Delta R.T. -0.006 min

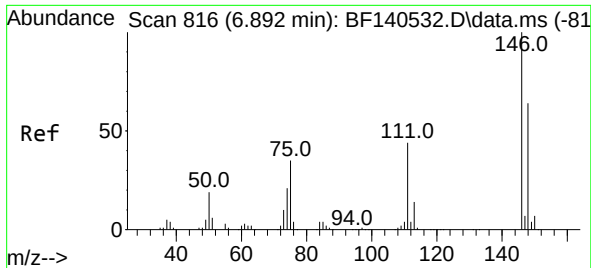
Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Tgt Ion:146 Resp: 153693

Ion	Ratio	Lower	Upper
146	100		
148	62.8	51.3	76.9
75	33.4	28.2	42.2





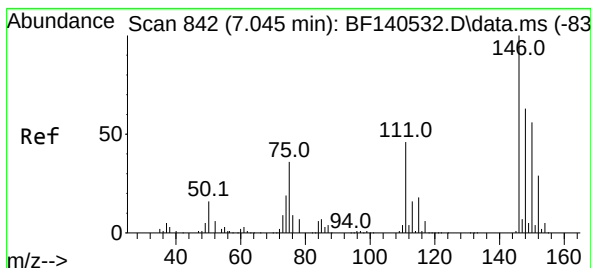
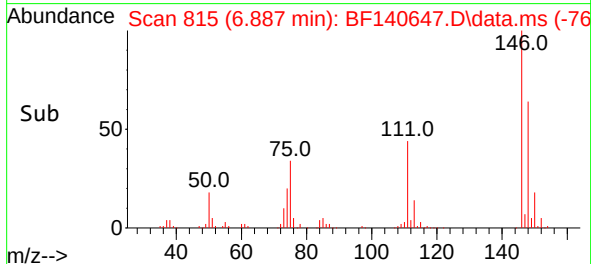
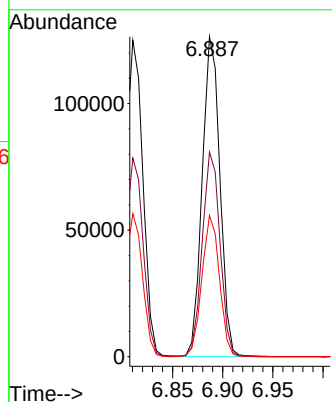
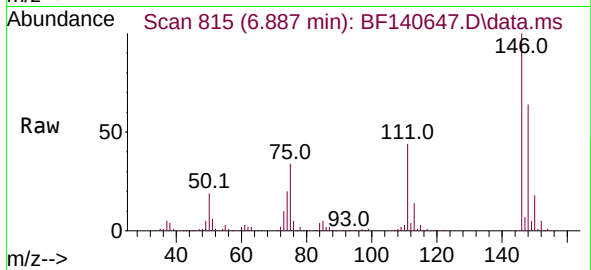
#13
1,4-Dichlorobenzene
Concen: 40.113 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:146 Resp: 15601
Ion Ratio Lower Upper
146 100
148 64.0 51.0 76.6
111 44.2 35.3 52.9

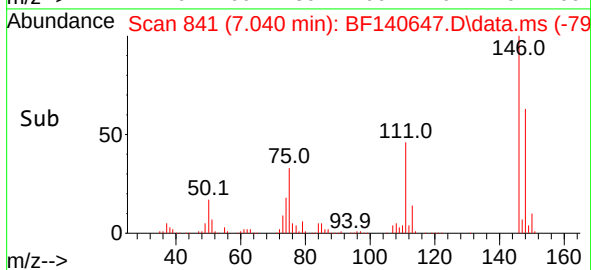
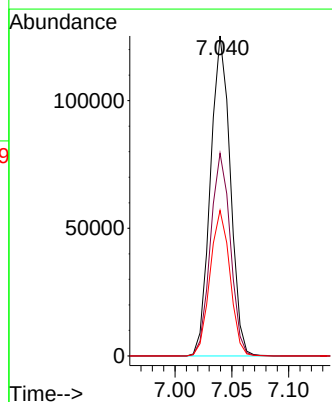
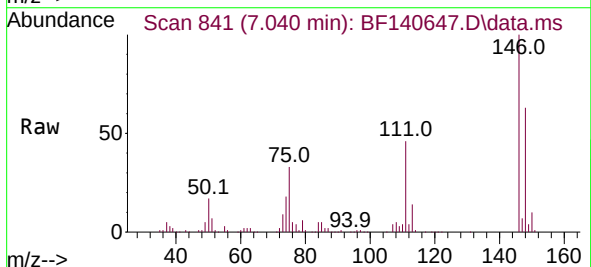
Manual Integrations
APPROVED

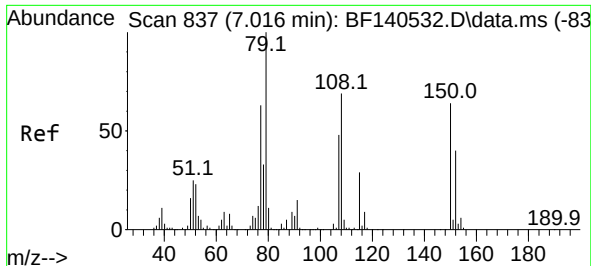
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 41.809 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

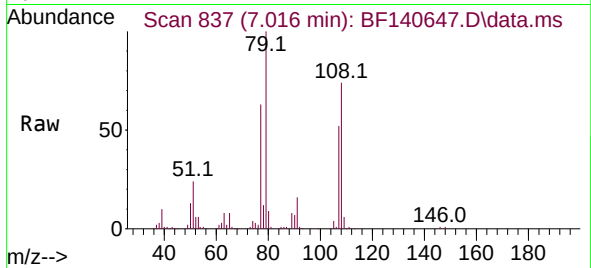
Tgt Ion:146 Resp: 152371
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 45.5 36.7 55.1





#15
Benzyl Alcohol
Concen: 44.311 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

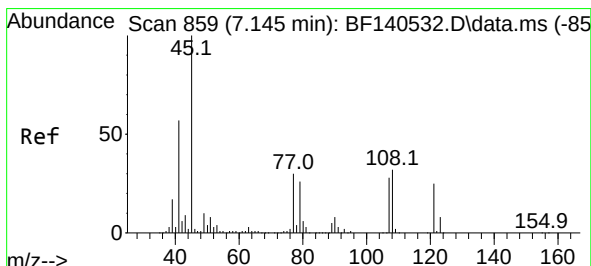
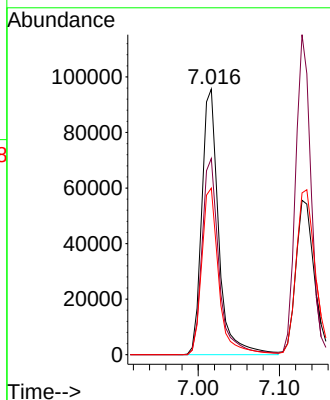
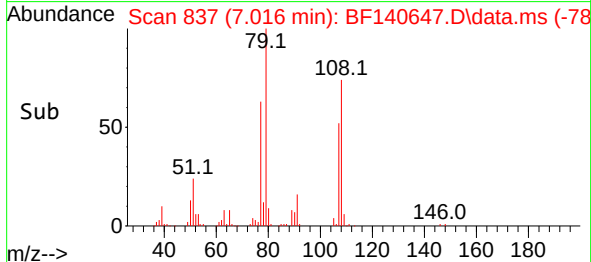
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion: 79 Resp: 13803
Ion Ratio Lower Upper
79 100
108 73.9 55.0 82.6
77 62.7 50.1 75.1

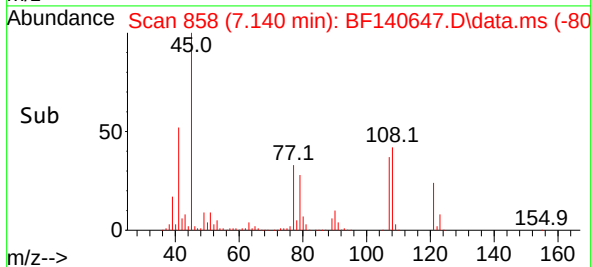
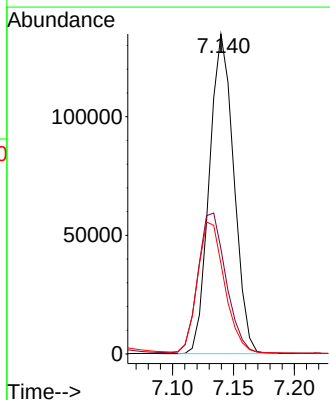
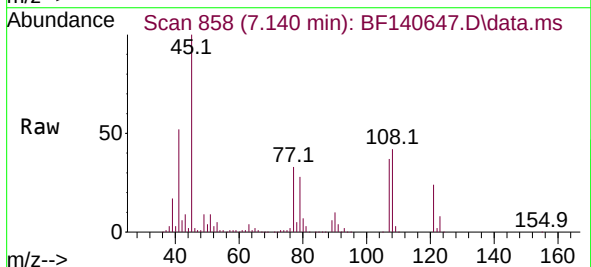
Manual Integrations
APPROVED

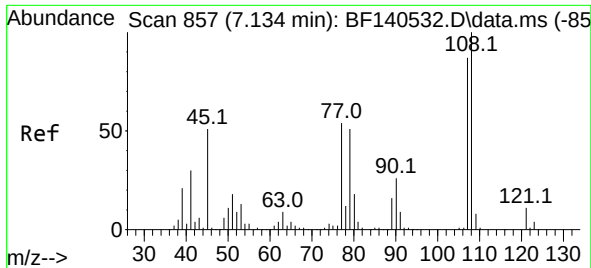
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.537 ng
RT: 7.140 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

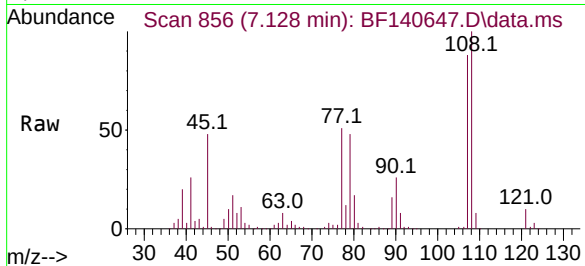
Tgt Ion: 45 Resp: 188237
Ion Ratio Lower Upper
45 100
77 32.9 10.7 50.7
79 28.3 7.0 47.0





#17
2-Methylphenol
Concen: 48.936 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

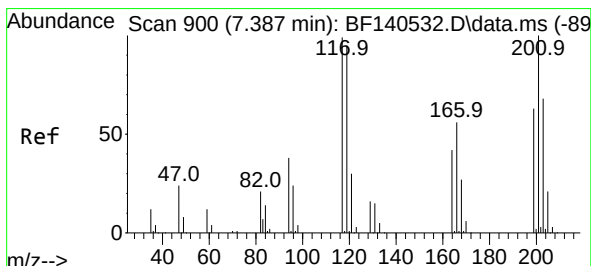
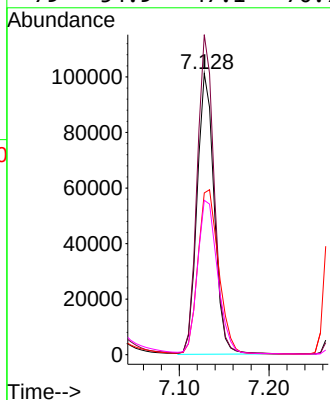
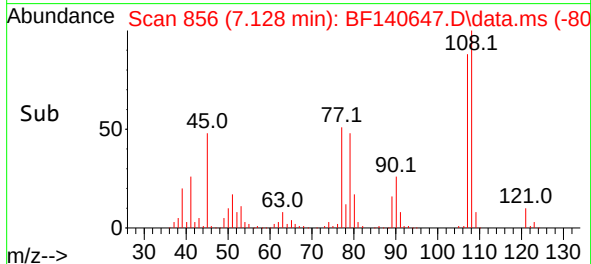
Instrument :
BNA_F
ClientSampleId :
MH-732MS



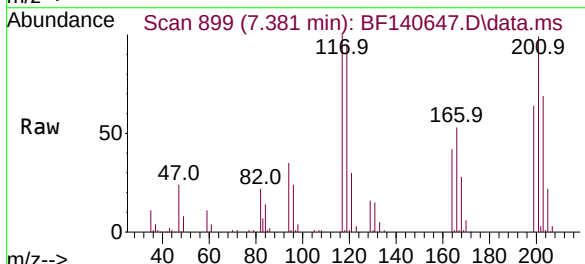
Tgt Ion:107 Resp: 13391
Ion Ratio Lower Upper
107 100
108 113.8 91.7 137.5
77 57.5 49.3 73.9
79 54.9 47.1 70.7

Manual Integrations
APPROVED

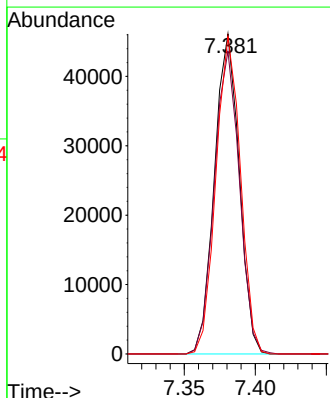
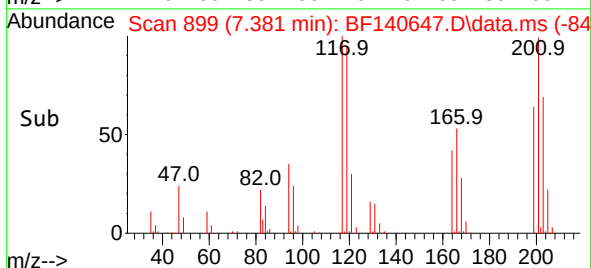
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

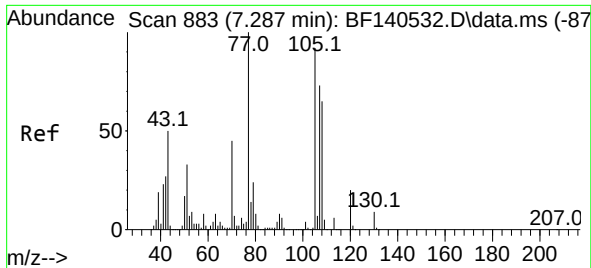


#18
Hexachloroethane
Concen: 38.386 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:117 Resp: 55759
Ion Ratio Lower Upper
117 100
119 94.6 77.1 115.7
201 99.2 81.1 121.7





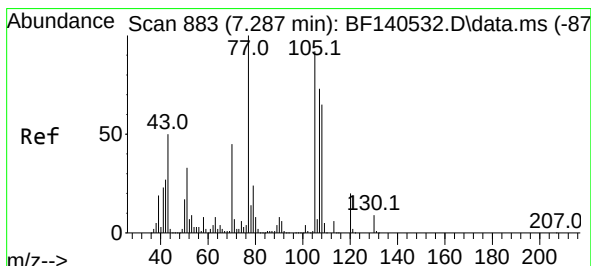
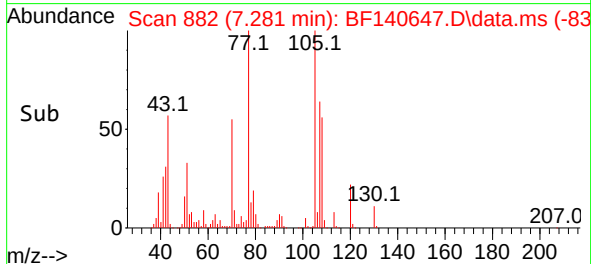
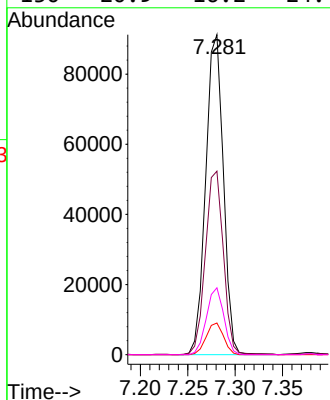
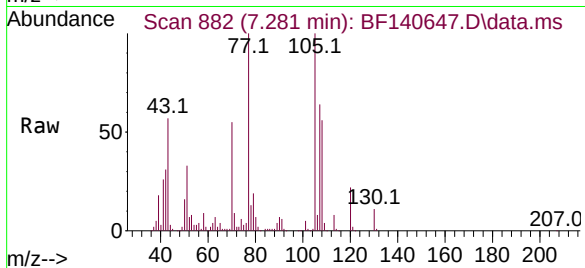
#19
n-Nitroso-di-n-propylamine
Concen: 47.776 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 70 Resp: 11860
Ion Ratio Lower Upper
70 100
42 57.3 47.6 71.4
101 9.9 7.6 11.4
130 20.9 16.2 24.4

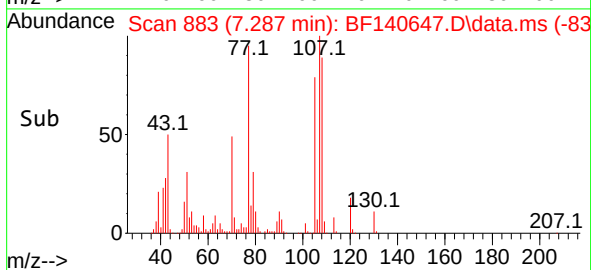
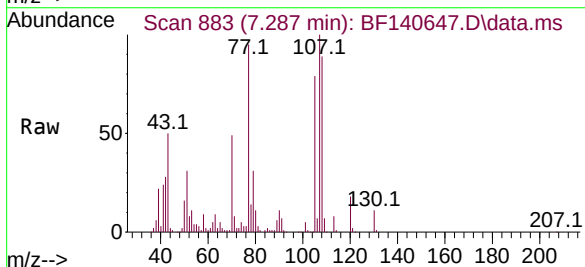
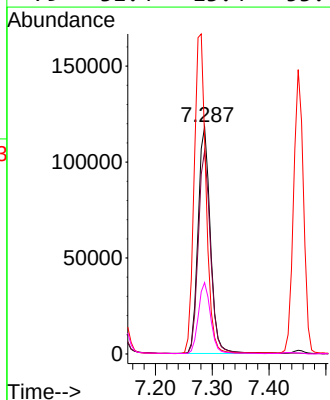
Manual Integrations
APPROVED

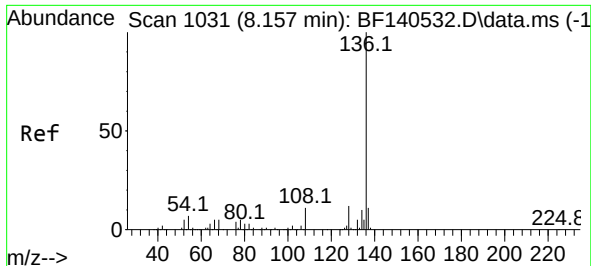
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 50.405 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:107 Resp: 177288
Ion Ratio Lower Upper
107 100
108 89.3 69.9 109.9
77 94.8 117.7 157.7#
79 31.4 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

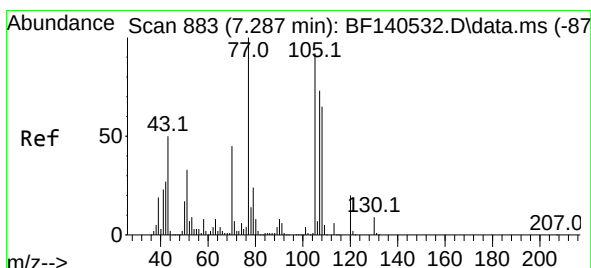
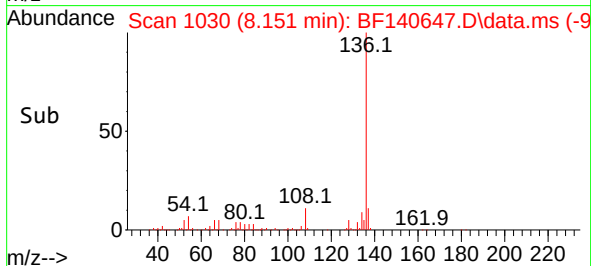
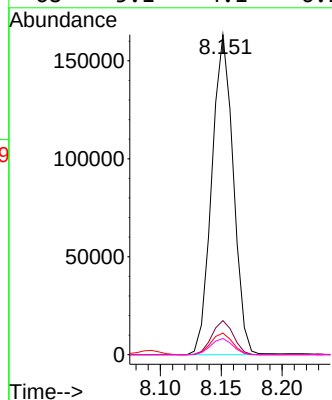
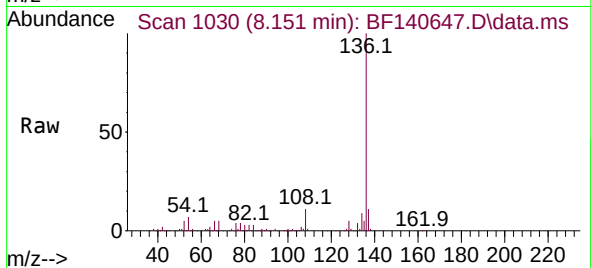
MH-732MS

Tgt Ion:136 Resp: 200800
Ion Ratio Lower Upper
136 100
137 10.6 8.6 13.0
54 6.8 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

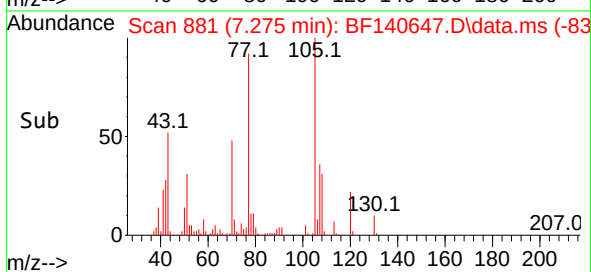
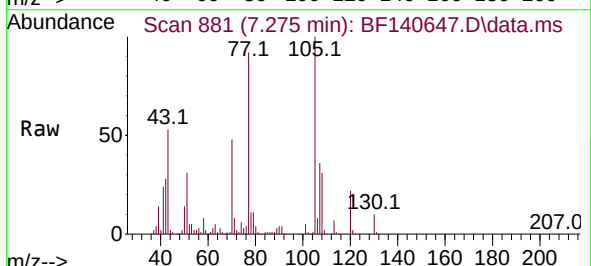
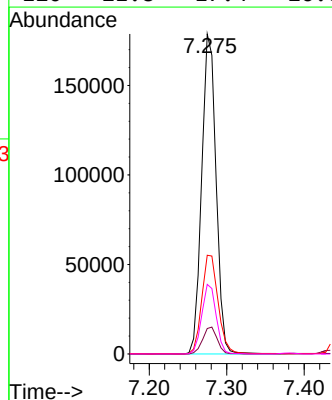
APPROVED

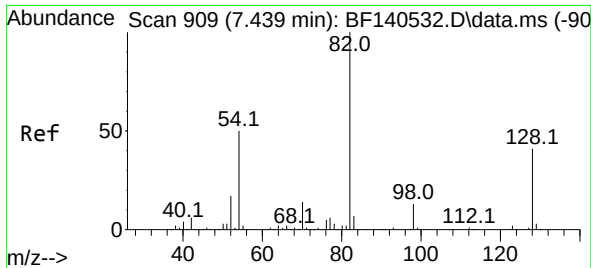
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 47.072 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:105 Resp: 230443
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 30.8 29.0 43.6
120 21.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 95.346 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 82 Resp: 374308

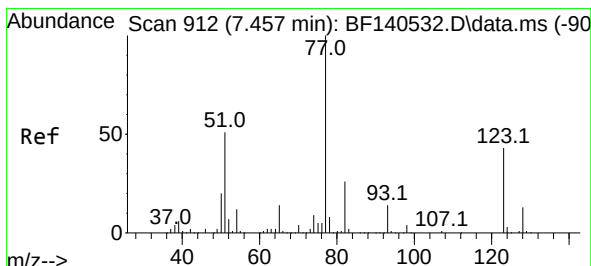
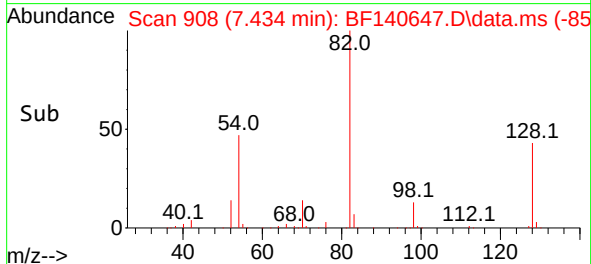
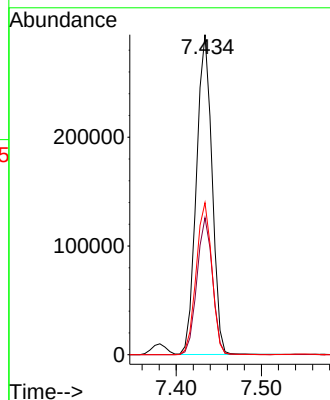
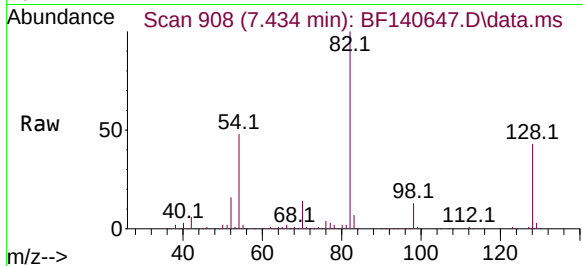
Ion	Ratio	Lower	Upper
82	100		
128	42.8	33.0	49.4
54	47.5	39.5	59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 43.652 ng

RT: 7.451 min Scan# 911

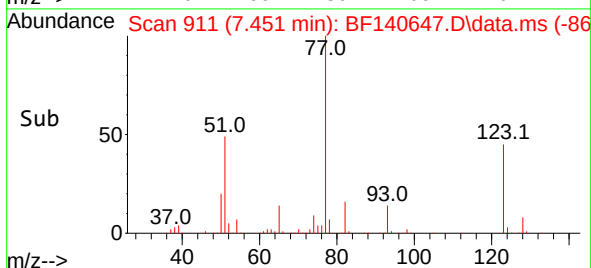
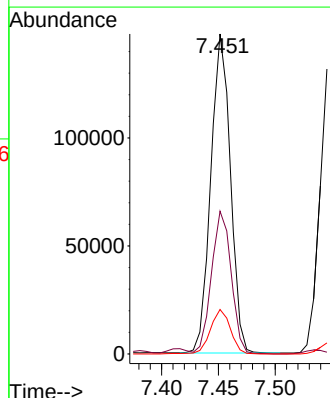
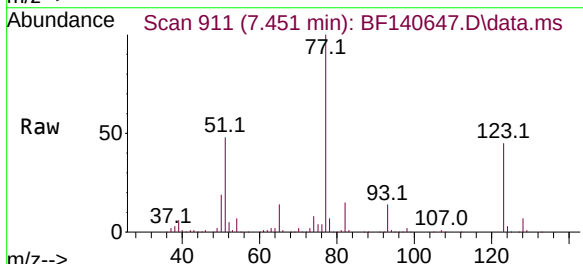
Delta R.T. -0.006 min

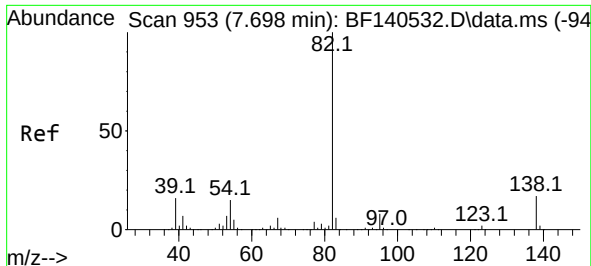
Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Tgt Ion: 77 Resp: 177114

Ion	Ratio	Lower	Upper
77	100		
123	44.6	34.3	51.5
65	13.9	11.2	16.8





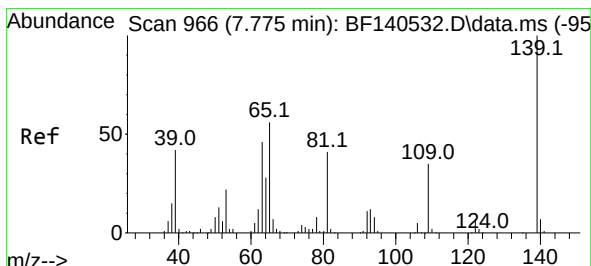
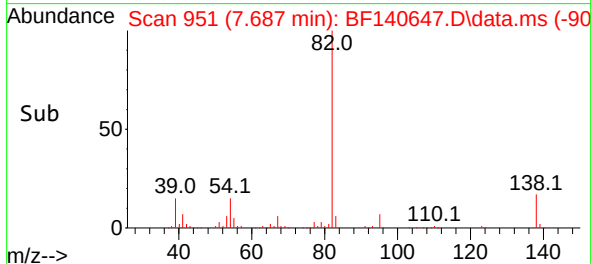
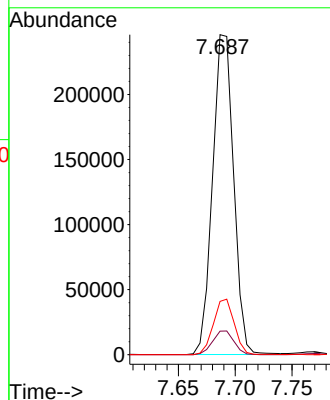
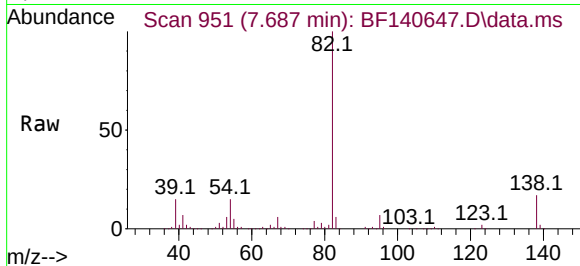
#25
Isophorone
Concen: 48.520 ng
RT: 7.687 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion: 82 Resp: 317704
Ion Ratio Lower Upper
82 100
95 7.3 6.4 9.6
138 16.6 13.8 20.6

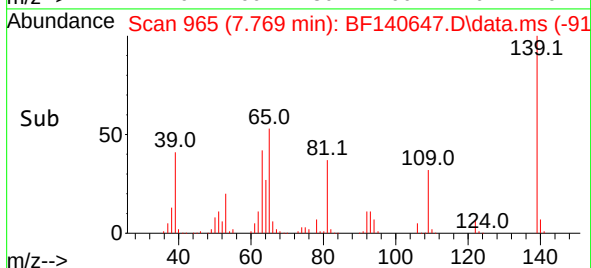
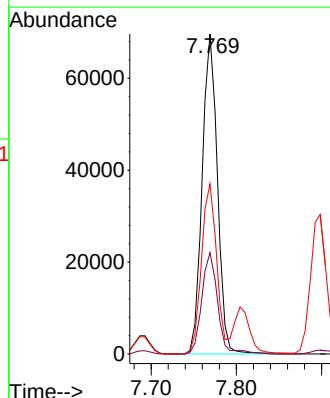
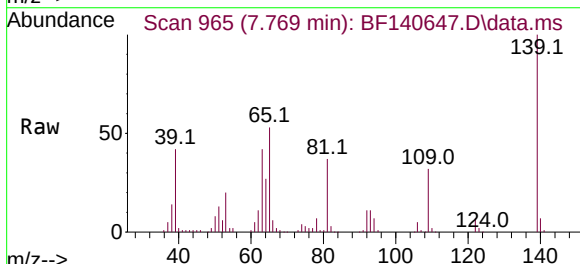
Manual Integrations
APPROVED

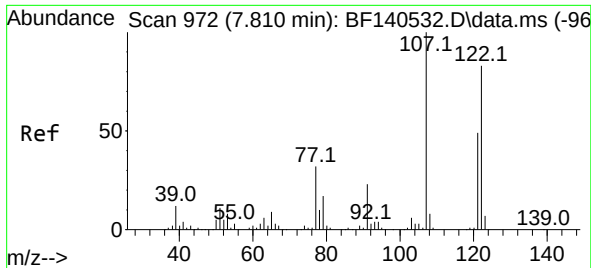
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 48.015 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:139 Resp: 86334
Ion Ratio Lower Upper
139 100
109 31.7 28.0 42.0
65 53.2 44.6 67.0





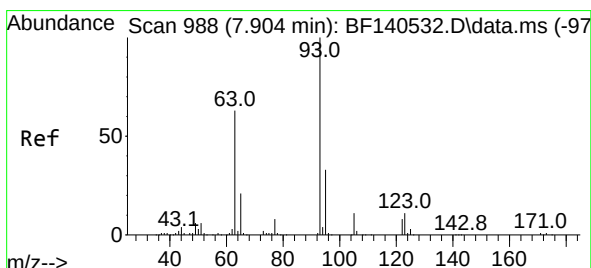
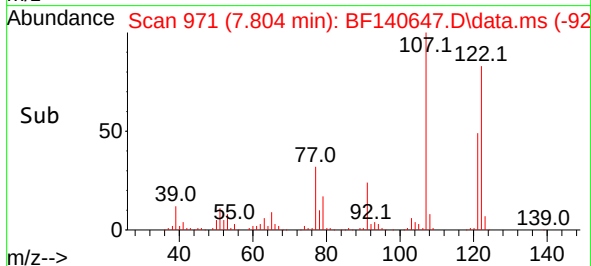
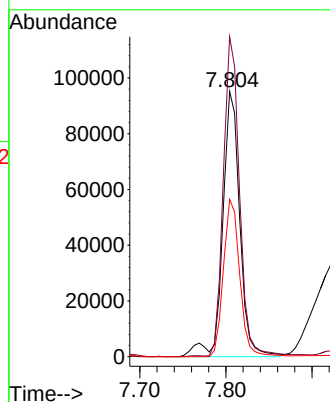
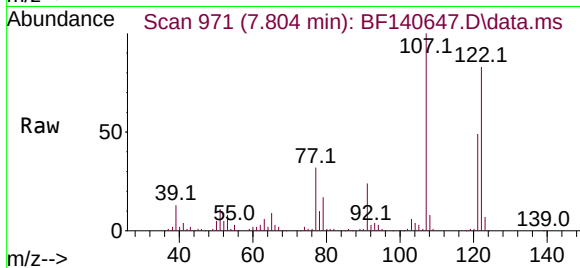
#27
2,4-Dimethylphenol
Concen: 60.979 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:122 Resp: 13118
Ion Ratio Lower Upper
122 100
107 120.7 96.8 145.2
121 59.3 47.4 71.0

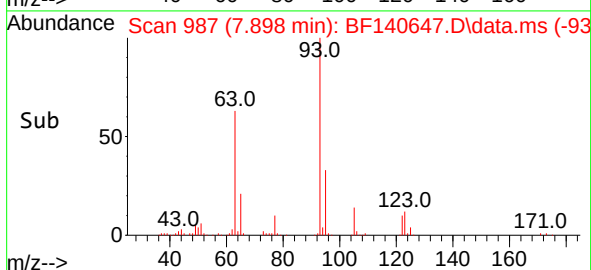
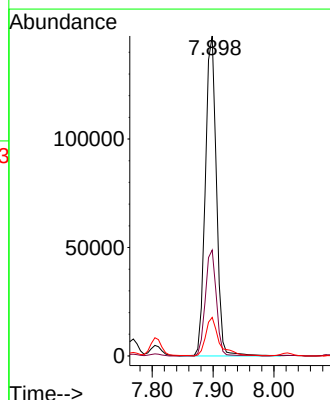
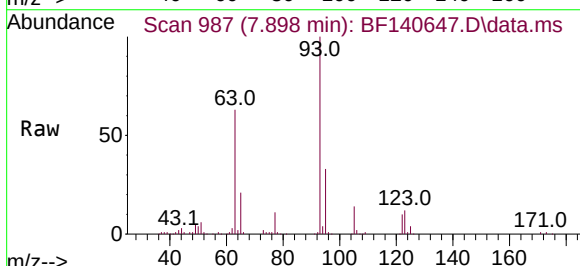
Manual Integrations
APPROVED

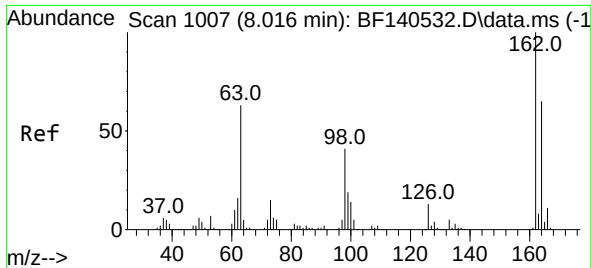
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 46.749 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion: 93 Resp: 186482
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 12.0 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 49.479 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

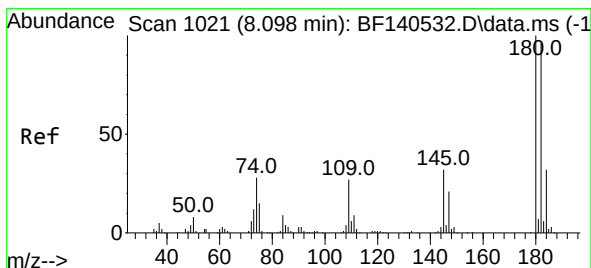
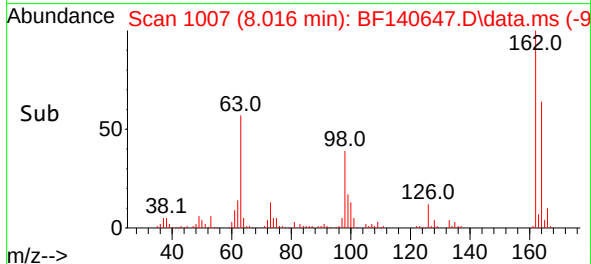
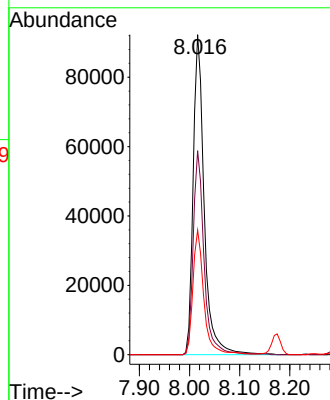
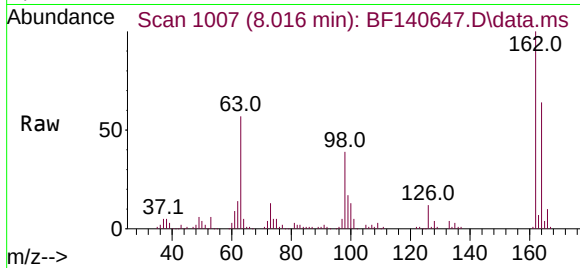
Tgt Ion:	162	Resp:	141049
Ion Ratio	Lower	Upper	
162	100		
164	63.8	44.8	84.8
98	38.9	21.2	61.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 42.161 ng

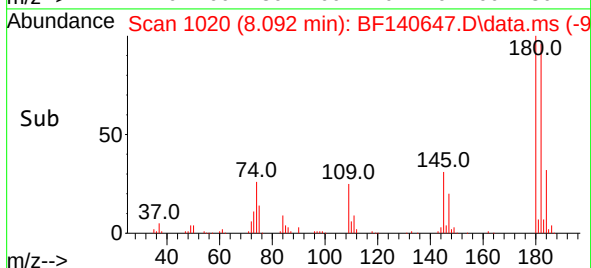
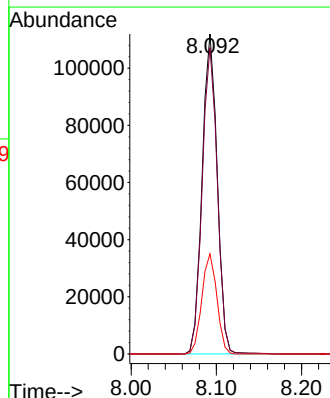
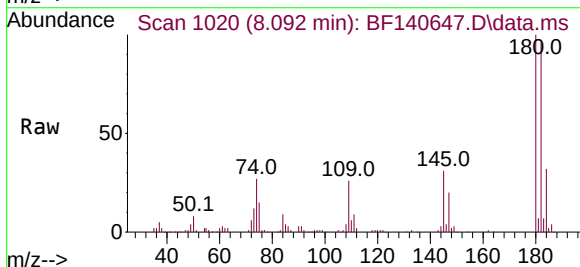
RT: 8.092 min Scan# 1020

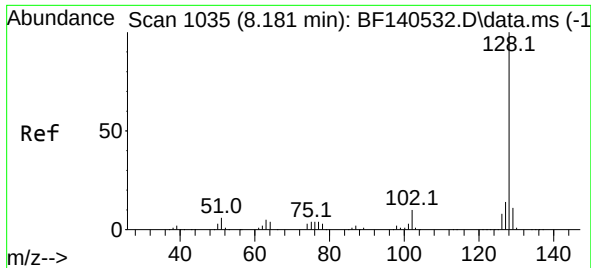
Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Tgt Ion:	180	Resp:	137230
Ion Ratio	Lower	Upper	
180	100		
182	95.8	76.4	114.6
145	31.3	25.9	38.9





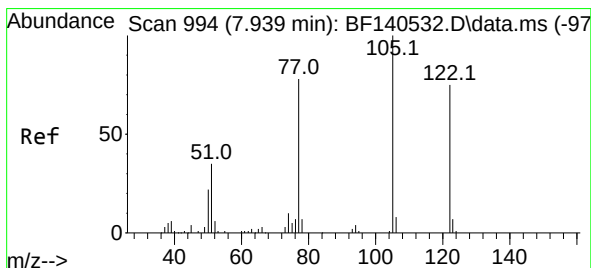
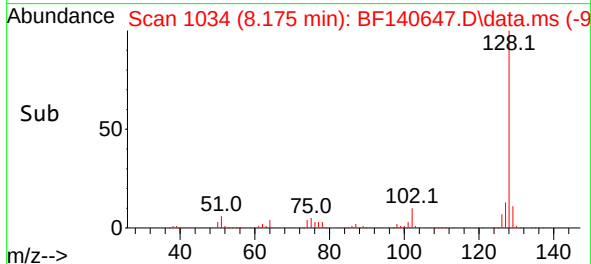
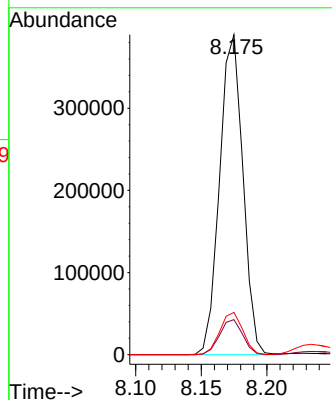
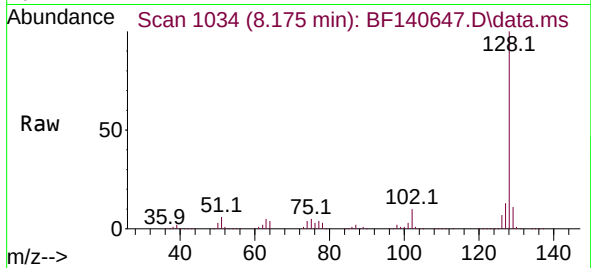
#31
Naphthalene
Concen: 46.476 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:128 Resp: 48071
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2

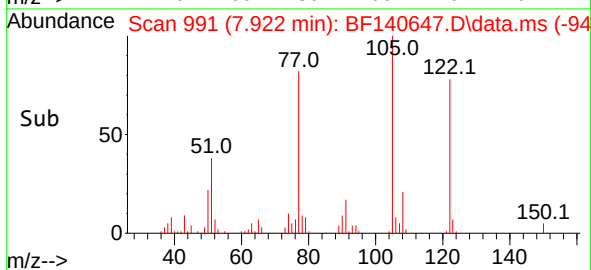
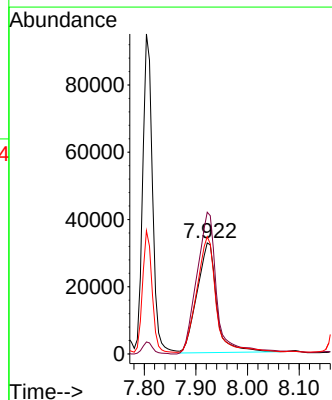
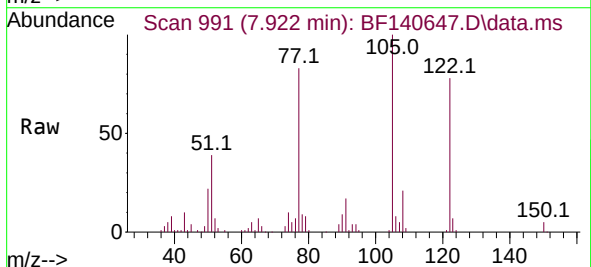
Manual Integrations
APPROVED

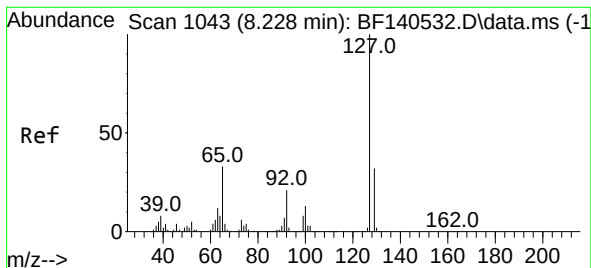
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 46.124 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.017 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:122 Resp: 85731
Ion Ratio Lower Upper
122 100
105 127.6 109.3 149.3
77 105.6 82.3 122.3





#33

4-Chloroaniline

Concen: 10.172 ng

RT: 8.234 min Scan# 1043

Delta R.T. 0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

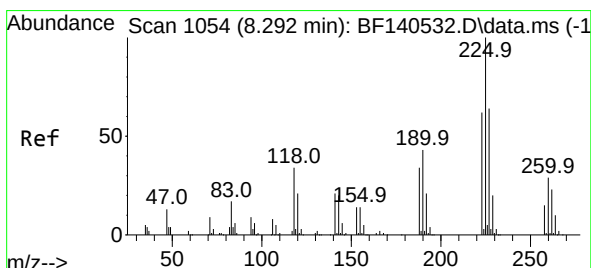
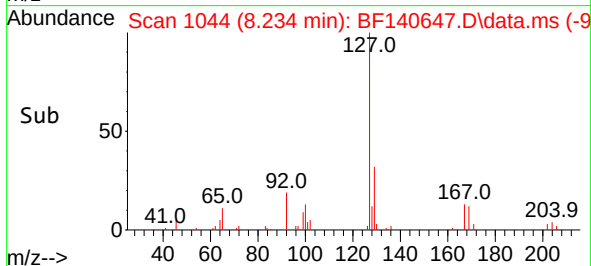
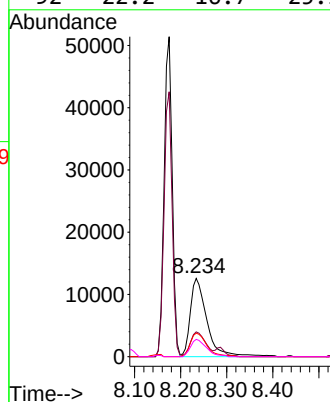
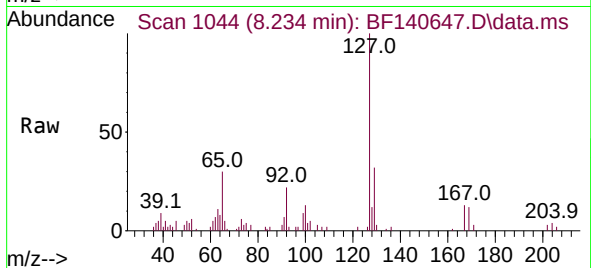
Tgt Ion:	127	Resp:	3150
Ion Ratio	Lower	Upper	
127	100		
129	31.7	26.0	39.0
65	30.1	26.0	39.0
92	22.2	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#34

Hexachlorobutadiene

Concen: 41.322 ng

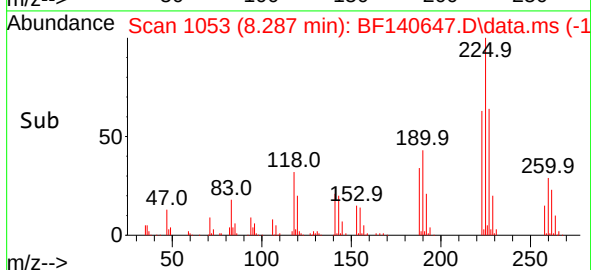
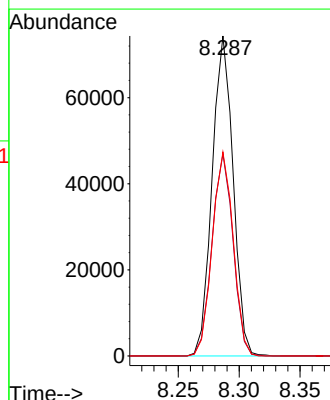
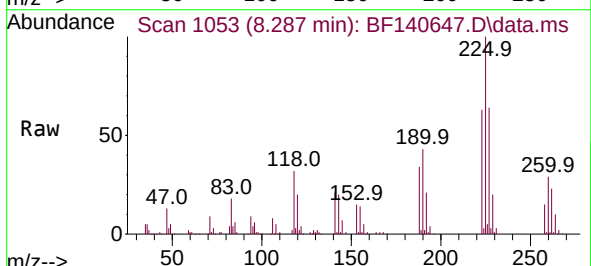
RT: 8.287 min Scan# 1053

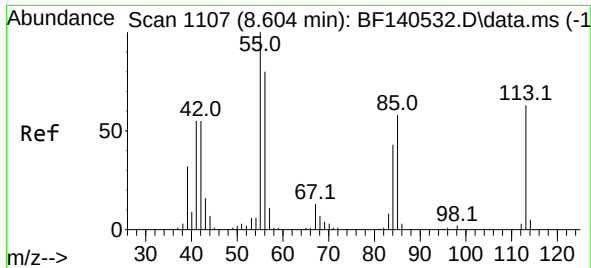
Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Tgt Ion:	225	Resp:	89086
Ion Ratio	Lower	Upper	
225	100		
223	63.1	49.8	74.8
227	63.7	51.3	76.9





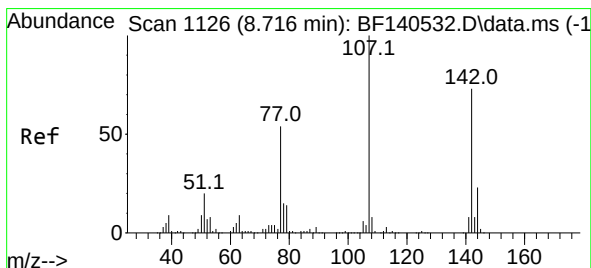
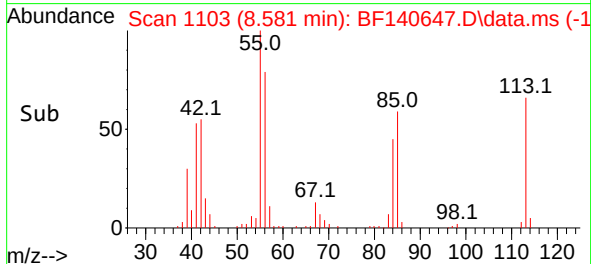
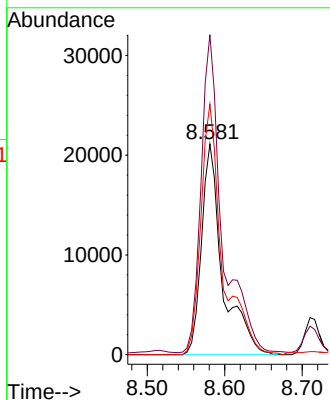
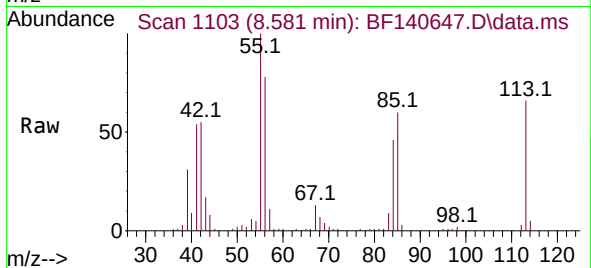
#35
Caprolactam
Concen: 45.127 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.023 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:113 Resp: 3981
Ion Ratio Lower Upper
113 100
55 151.9 137.7 177.7
56 118.9 106.4 146.4

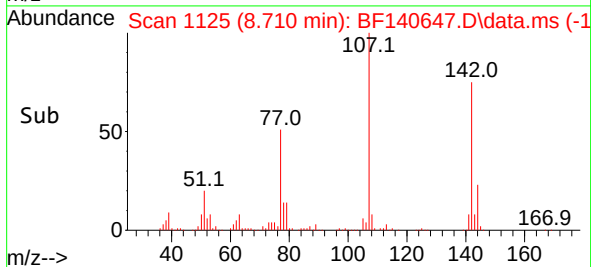
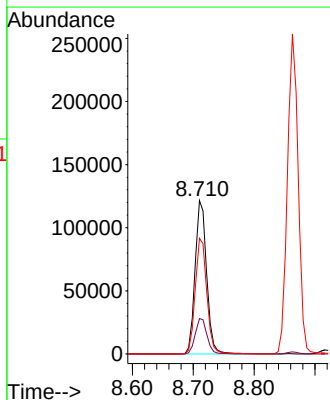
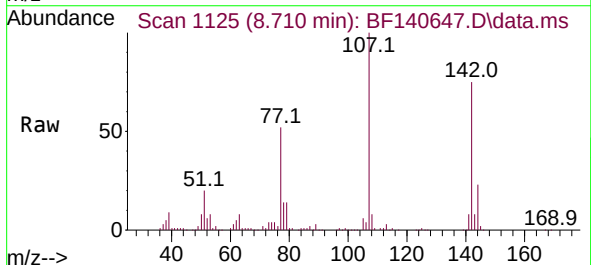
Manual Integrations
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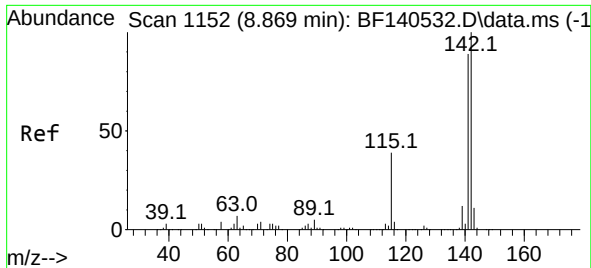
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 50.399 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:107 Resp: 160860
Ion Ratio Lower Upper
107 100
144 23.1 18.7 28.1
142 75.4 58.3 87.5





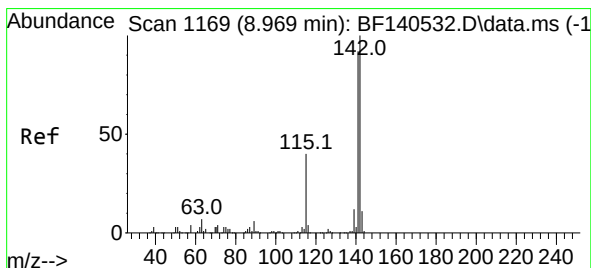
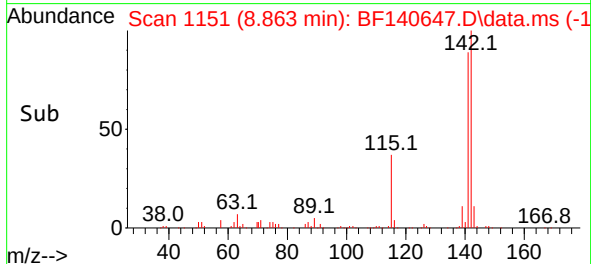
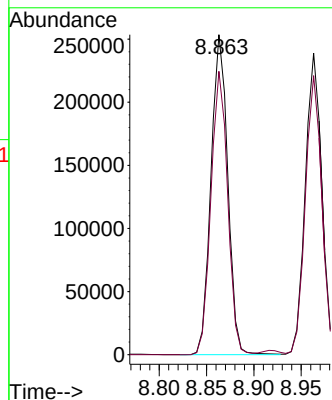
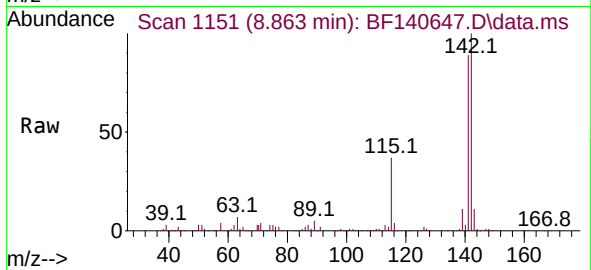
#37
2-Methylnaphthalene
Concen: 47.602 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:142 Resp: 31272
Ion Ratio Lower Upper
142 100
141 88.5 71.0 106.6

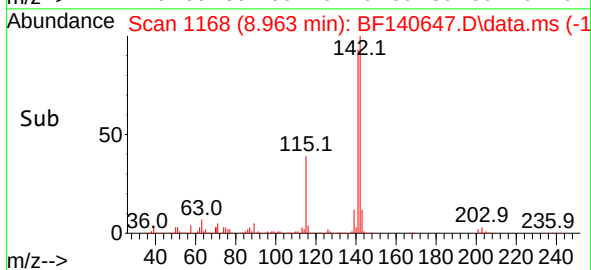
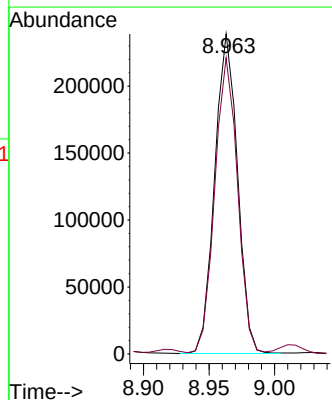
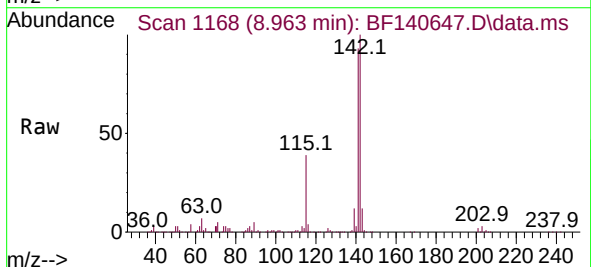
Manual Integrations
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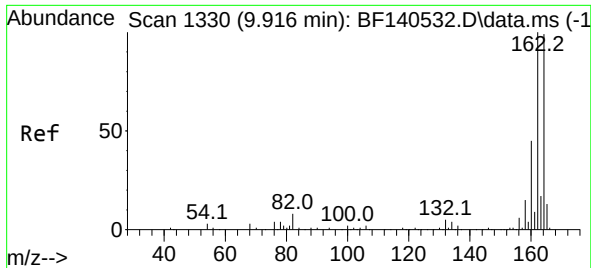
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 44.776 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:142 Resp: 288339
Ion Ratio Lower Upper
142 100
141 92.6 73.3 109.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1178
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

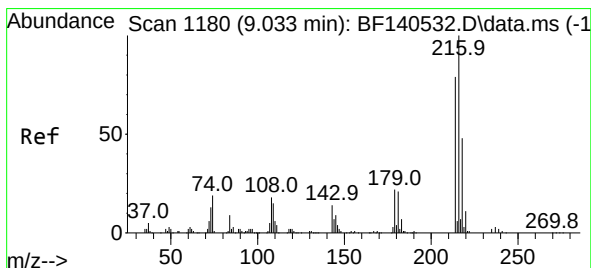
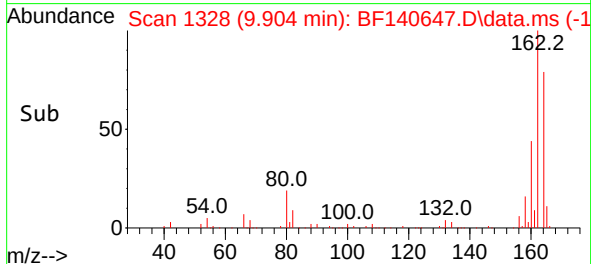
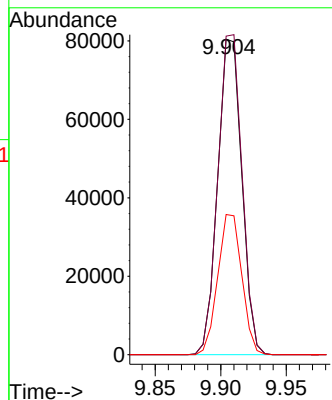
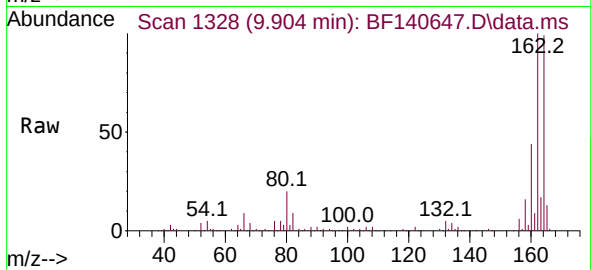
ClientSampleId :

MH-732MS

Tgt Ion:164 Resp: 10294
Ion Ratio Lower Upper
164 100
162 101.0 80.6 120.8
160 44.4 36.2 54.4

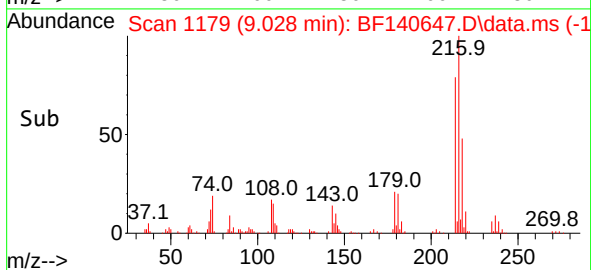
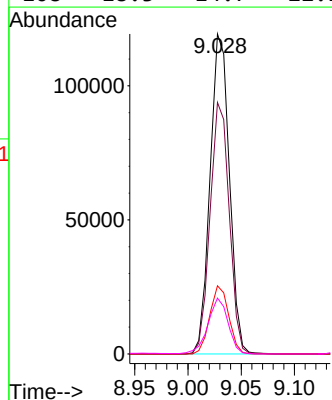
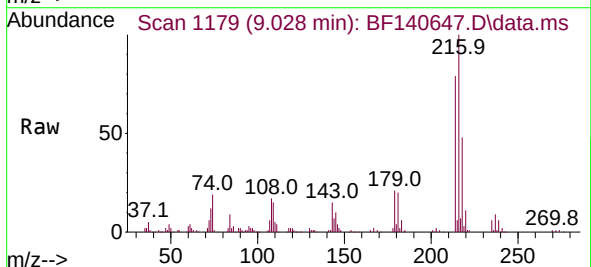
Manual Integrations
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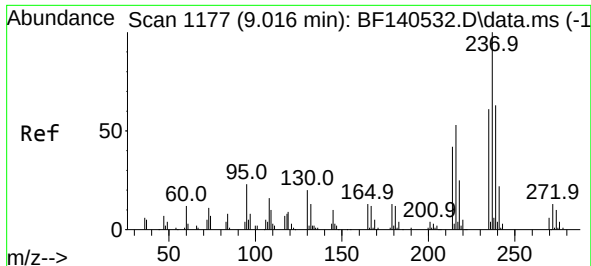
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.791 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

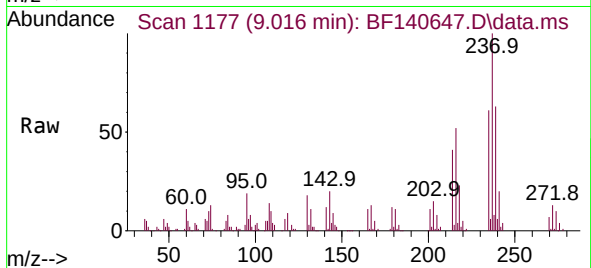
Tgt Ion:216 Resp: 150050
Ion Ratio Lower Upper
216 100
214 78.1 63.0 94.4
179 20.9 17.5 26.3
108 18.3 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 95.912 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

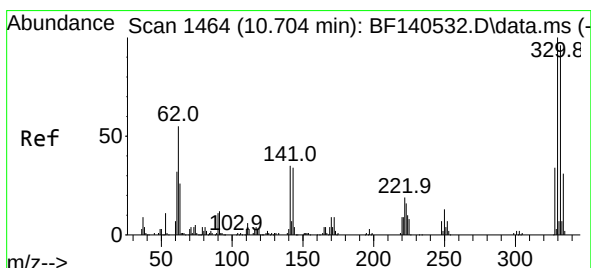
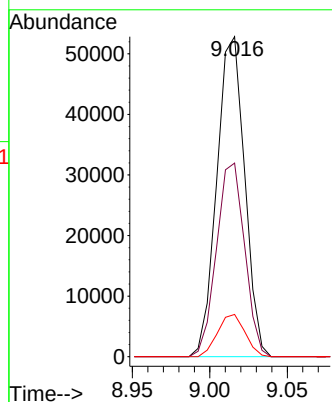
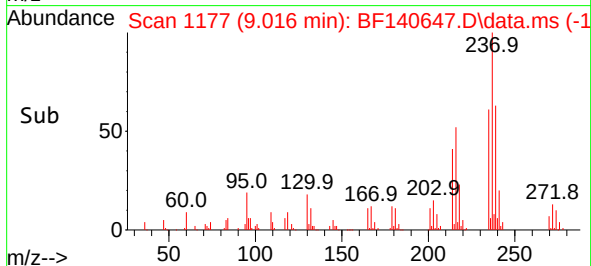
Instrument :
BNA_F
ClientSampleId :
MH-732MS



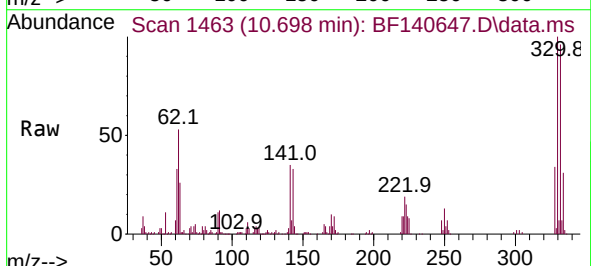
Tgt Ion:237 Resp: 6605
Ion Ratio Lower Upper
237 100
235 60.5 41.1 81.1
272 13.2 0.0 32.6

Manual Integrations
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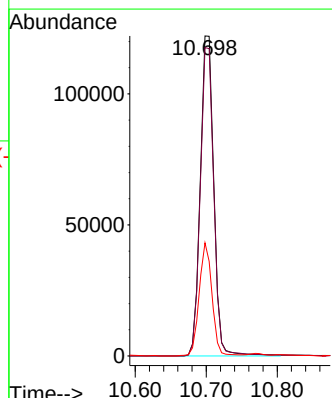
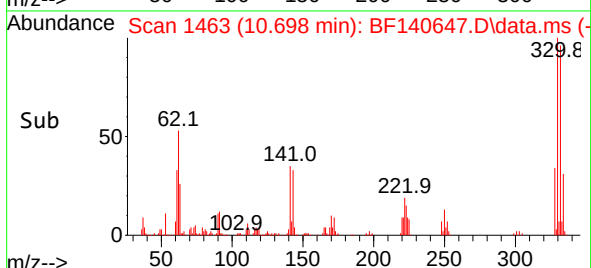
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

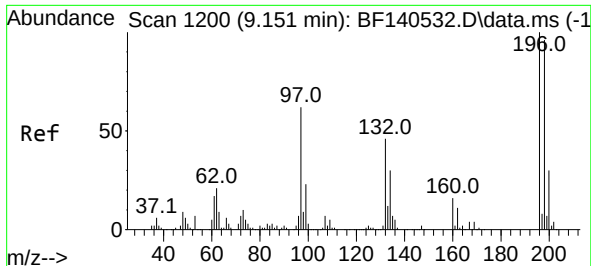


#42
2,4,6-Tribromophenol
Concen: 147.225 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:330 Resp: 162089
Ion Ratio Lower Upper
330 100
332 97.0 76.9 115.3
141 33.5 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 52.998 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion:196 Resp: 100220

Ion Ratio Lower Upper

196 100

198 95.5 76.8 115.2

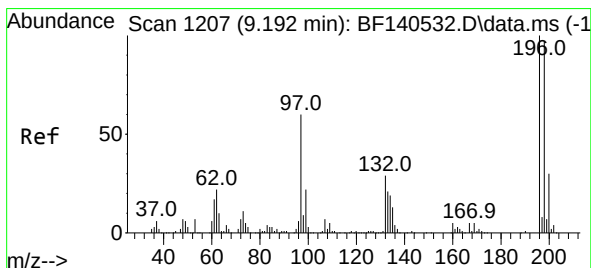
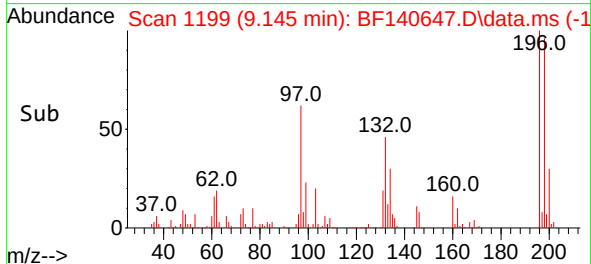
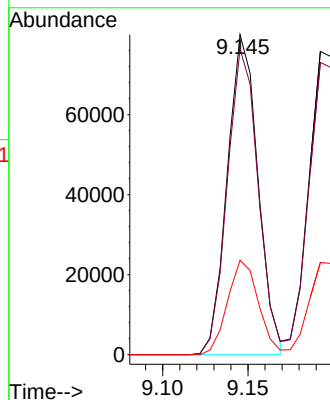
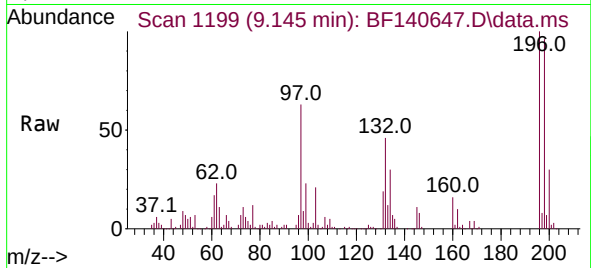
200 29.5 24.3 36.5

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 52.982 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Tgt Ion:196 Resp: 108734

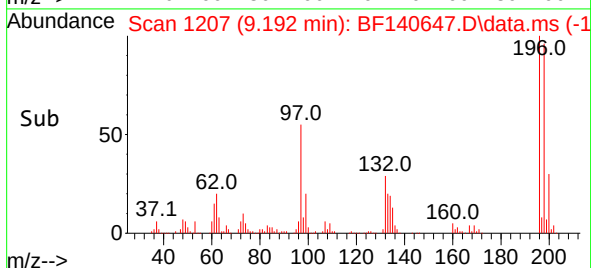
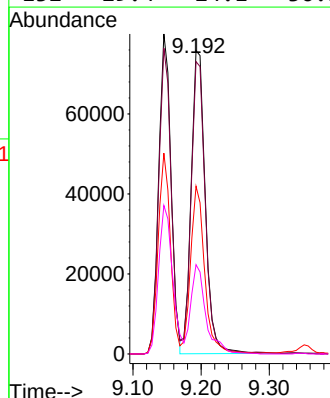
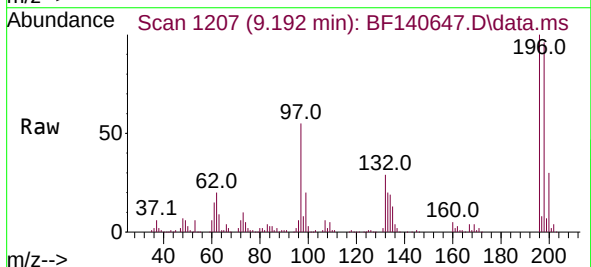
Ion Ratio Lower Upper

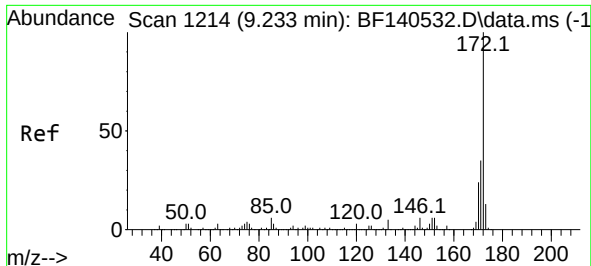
196 100

198 96.4 77.2 115.8

97 55.3 47.1 70.7

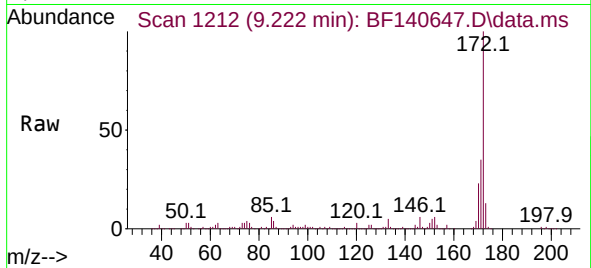
132 29.4 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 100.027 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

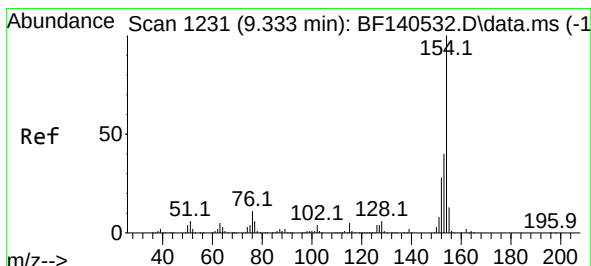
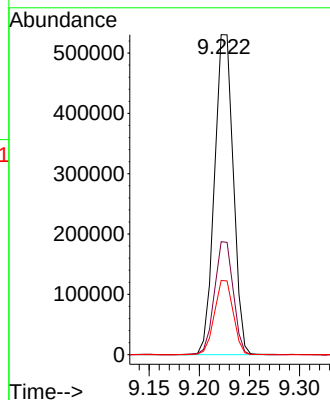
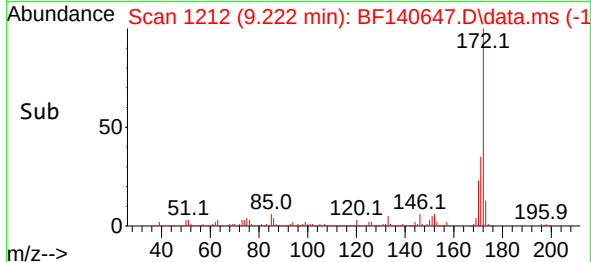
Instrument :
BNA_F
ClientSampleId :
MH-732MS



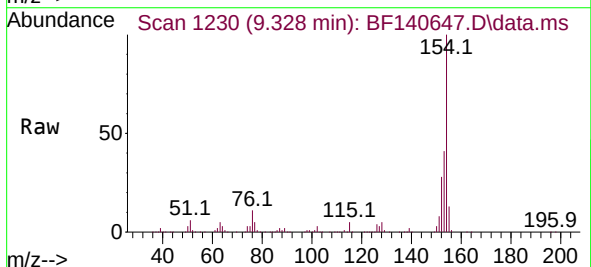
Tgt Ion:172 Resp: 691094
Ion Ratio Lower Upper
172 100
171 35.3 28.4 42.6
170 23.2 19.0 28.6

Manual Integrations
APPROVED

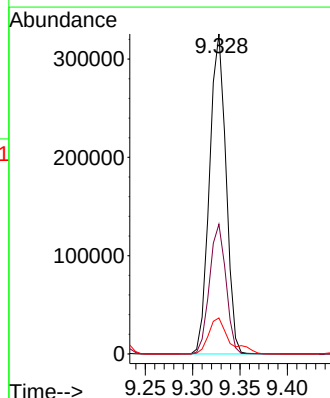
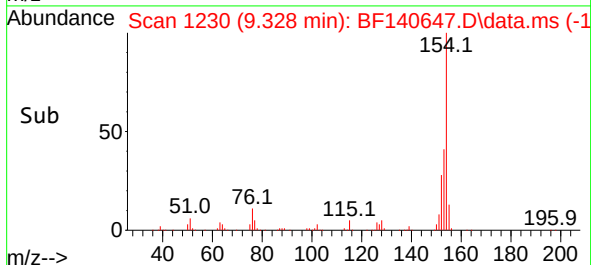
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

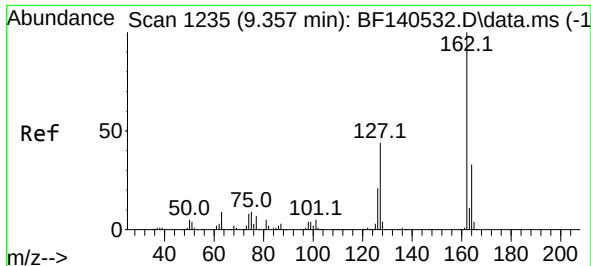


#46
1,1'-Biphenyl
Concen: 51.151 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:154 Resp: 393128
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 50.054 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

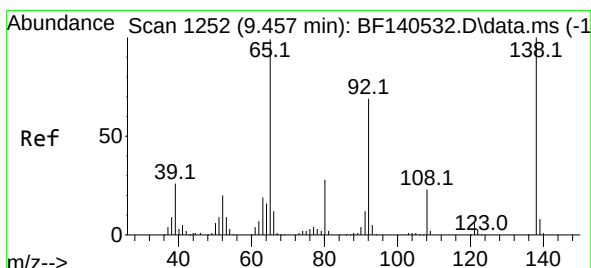
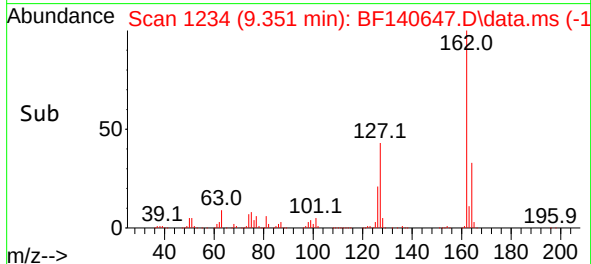
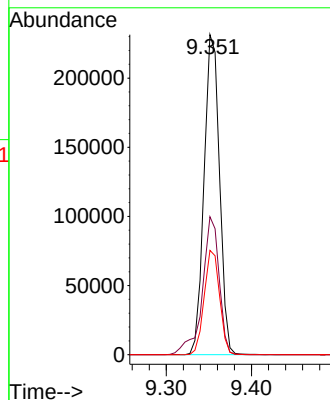
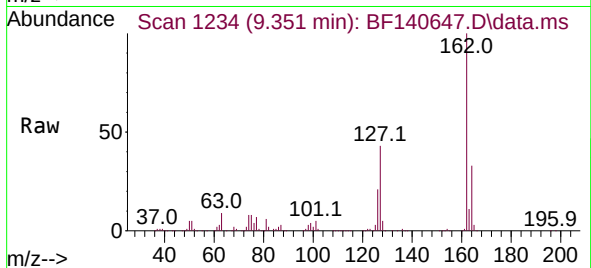
Tgt Ion:162 Resp: 291495
 Ion Ratio Lower Upper
 162 100
 127 43.1 35.7 53.5
 164 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 50.820 ng

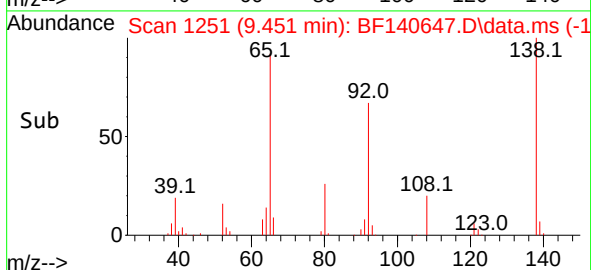
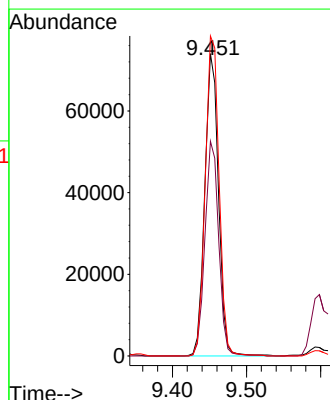
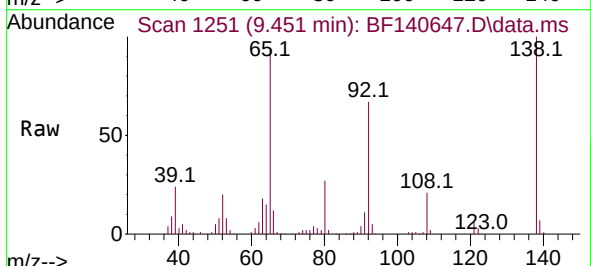
RT: 9.451 min Scan# 1251

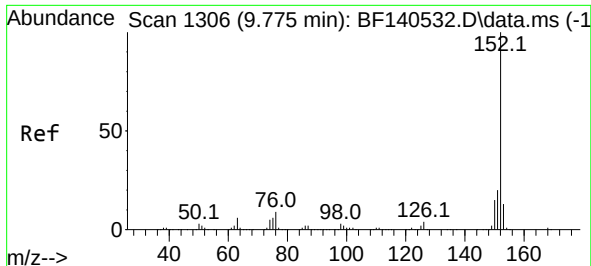
Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Tgt Ion: 65 Resp: 94995
 Ion Ratio Lower Upper
 65 100
 92 71.0 56.1 84.1
 138 105.9 81.0 121.6





#49
Acenaphthylene
Concen: 54.835 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

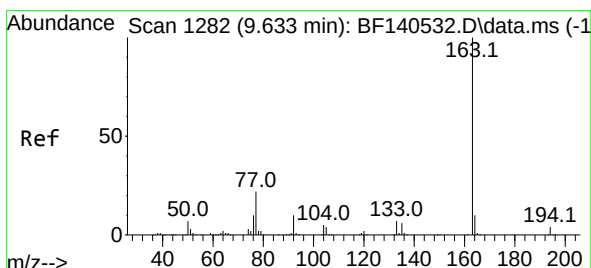
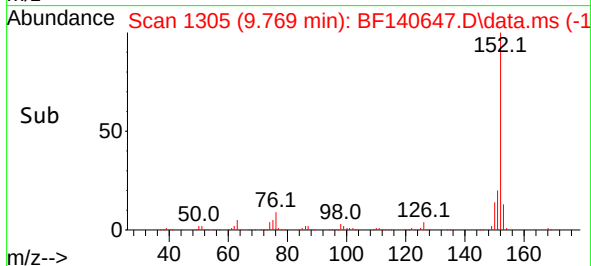
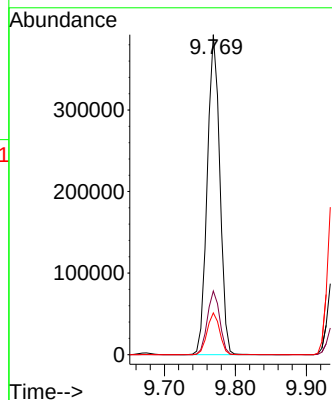
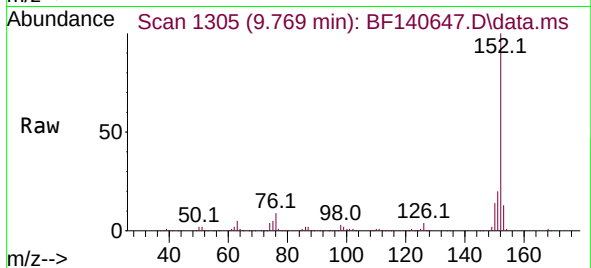
MH-732MS

Tgt Ion:152 Resp: 48250
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.1 10.6 16.0

Manual Integrations

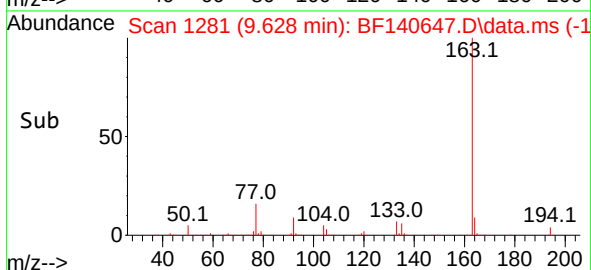
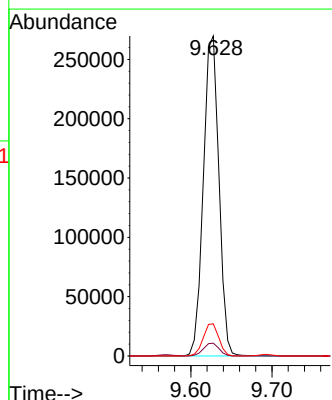
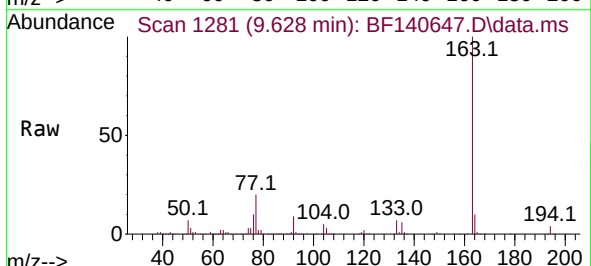
APPROVED

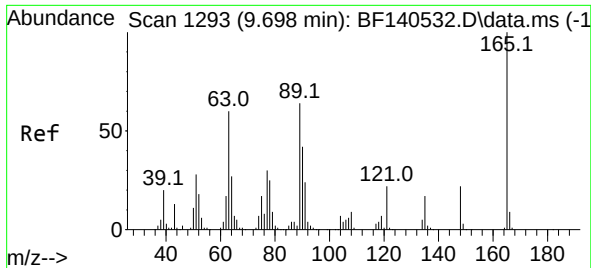
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 52.920 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:163 Resp: 358778
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 50.201 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

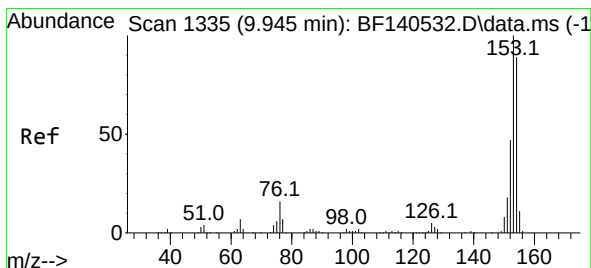
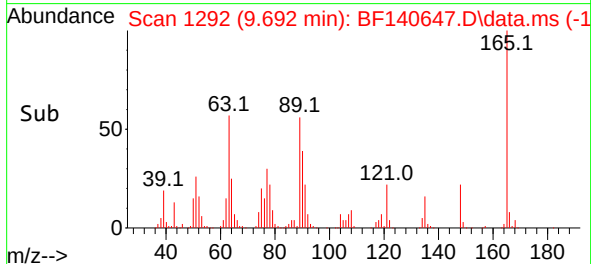
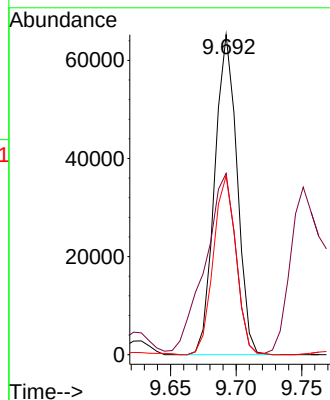
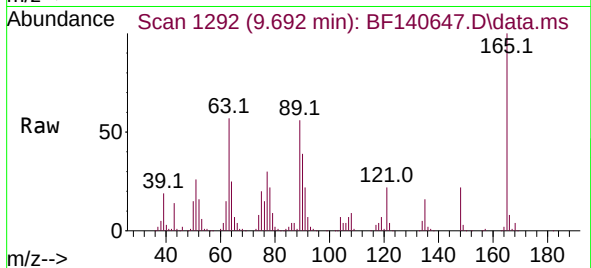
Tgt Ion:165 Resp: 77189
Ion Ratio Lower Upper
165 100
63 56.6 49.9 74.9
89 55.8 50.9 76.3

Manual Integrations

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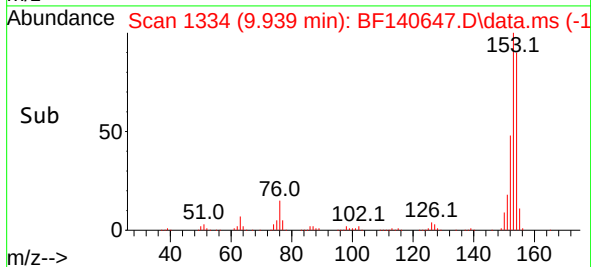
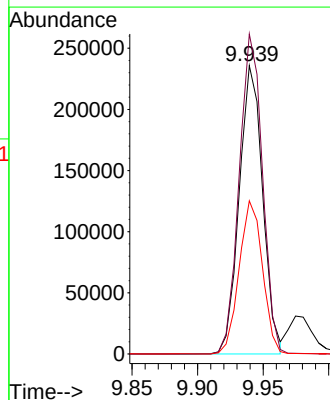
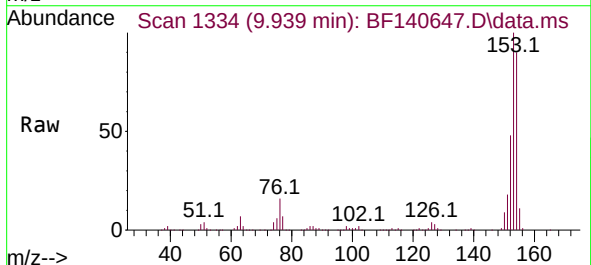
Reviewed By :Yogesh Patel 11/27/2024

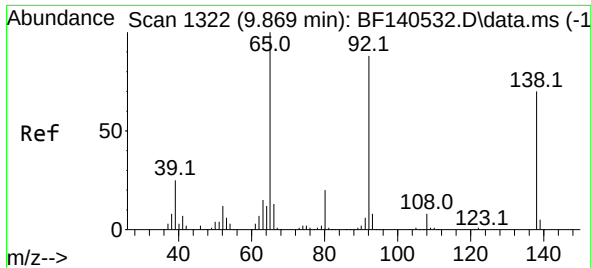
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 52.627 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:154 Resp: 294228
Ion Ratio Lower Upper
154 100
153 111.0 89.7 134.5
152 53.1 42.5 63.7





#53
3-Nitroaniline
Concen: 10.318 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

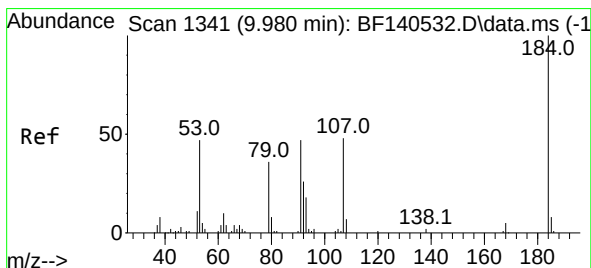
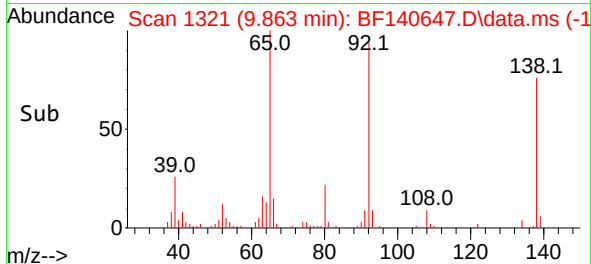
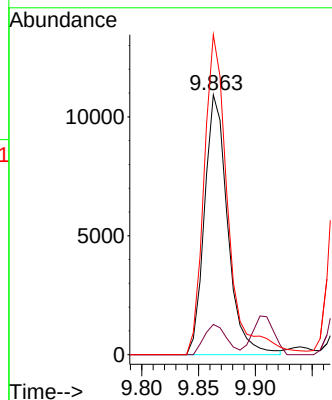
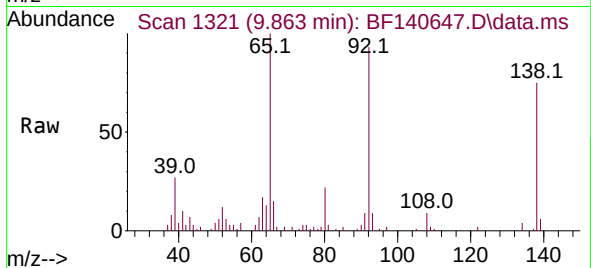
MH-732MS

Tgt Ion:138 Resp: 1551
Ion Ratio Lower Upper
138 100
108 11.6 9.2 13.8
92 123.1 100.6 150.8

Manual Integrations

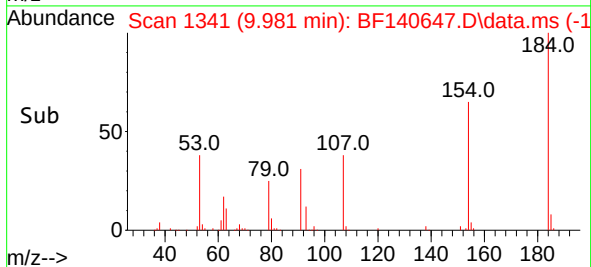
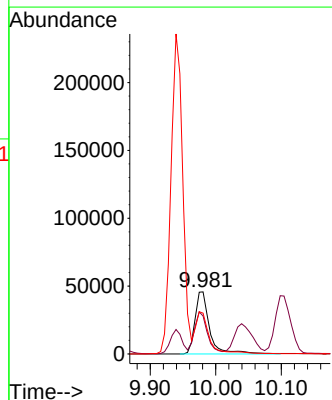
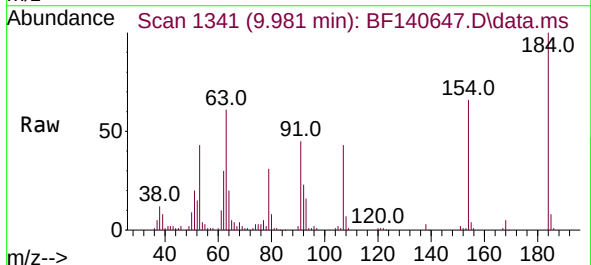
APPROVED

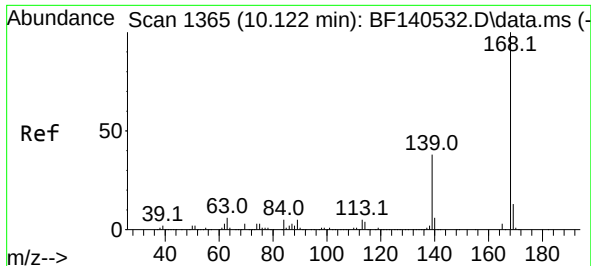
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 88.634 ng
RT: 9.981 min Scan# 1341
Delta R.T. 0.001 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:184 Resp: 71327
Ion Ratio Lower Upper
184 100
63 61.1 54.1 81.1
154 65.8 57.4 86.0





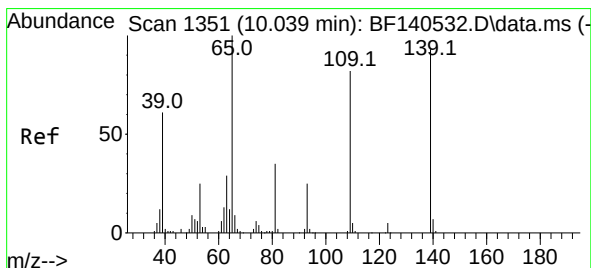
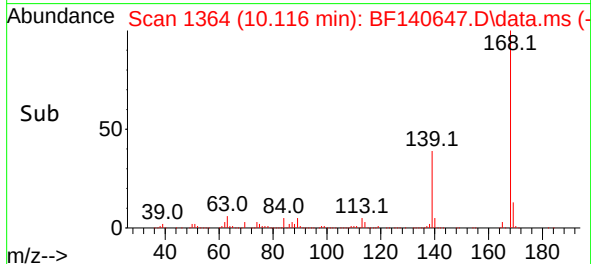
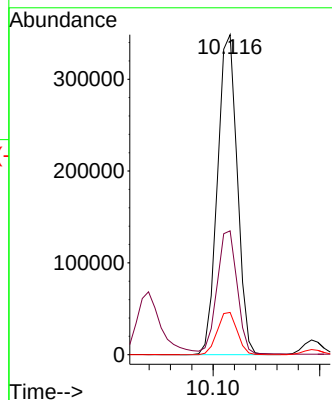
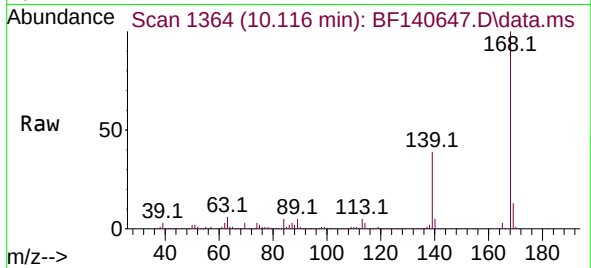
#55
Dibenzenofuran
Concen: 52.463 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:168 Resp: 447398
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.2 10.5 15.7

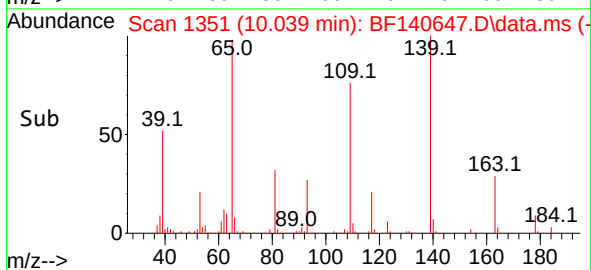
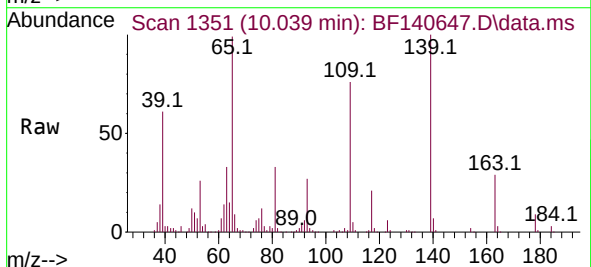
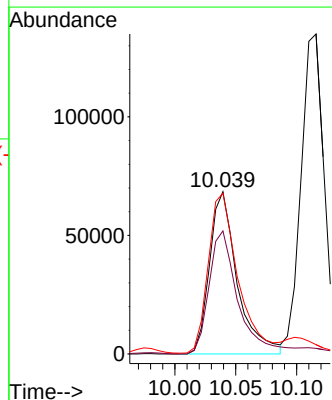
Manual Integrations
APPROVED

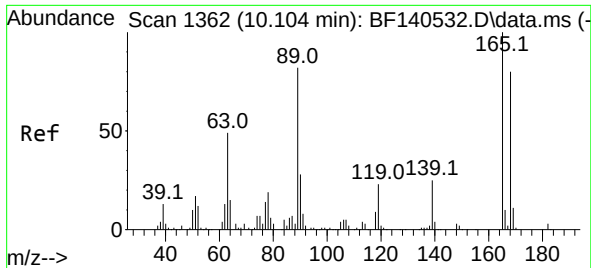
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 105.379 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:139 Resp: 108078
Ion Ratio Lower Upper
139 100
109 75.9 68.4 108.4
65 99.1 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 51.907 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

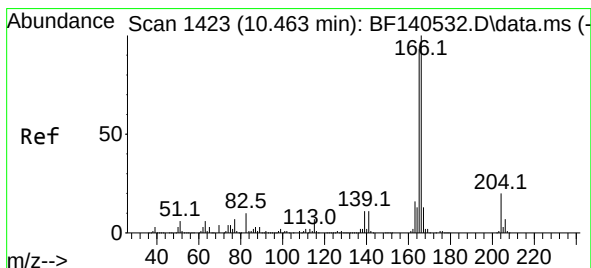
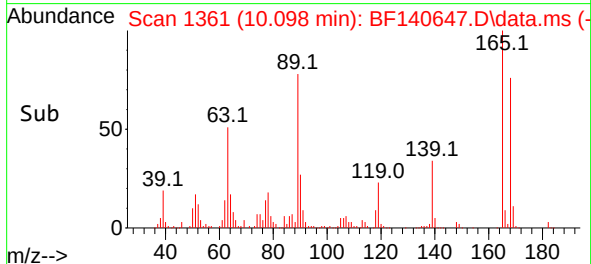
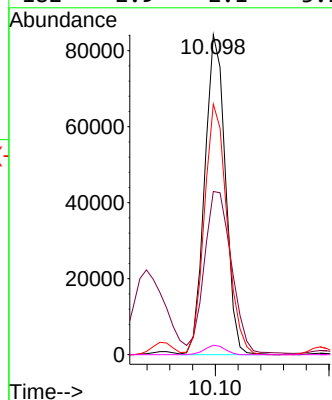
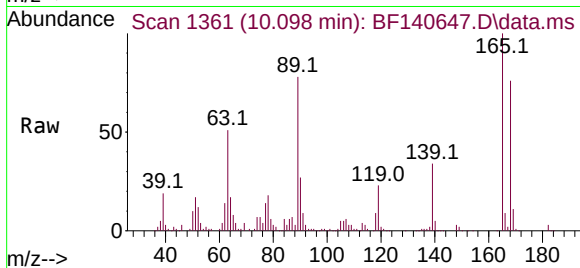
MH-732MS

Tgt Ion:165 Resp: 106072
Ion Ratio Lower Upper
165 100
63 51.0 41.7 62.5
89 78.3 65.8 98.8
182 2.9 2.1 3.1

Manual Integrations

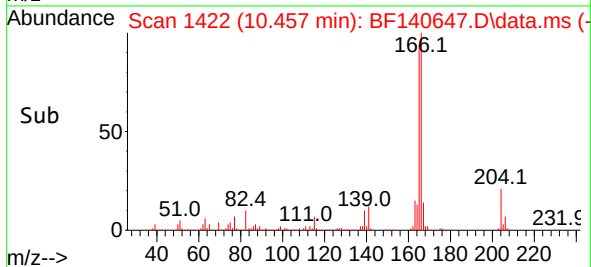
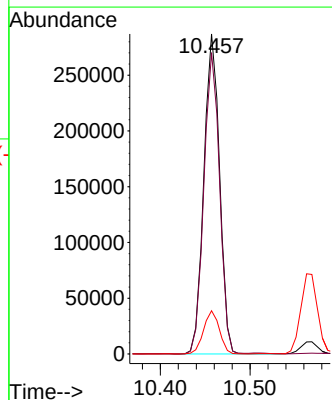
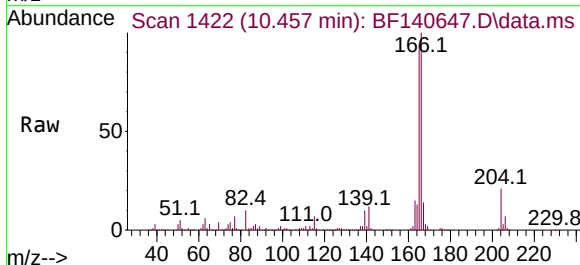
APPROVED

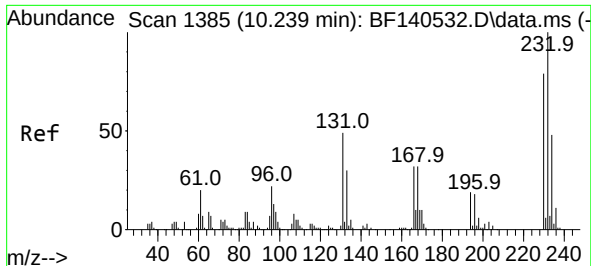
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 50.955 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

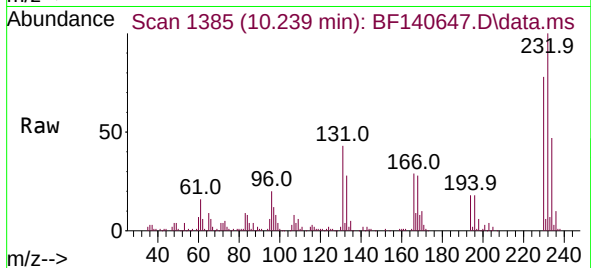
Tgt Ion:166 Resp: 348793
Ion Ratio Lower Upper
166 100
165 94.1 74.6 111.8
167 13.5 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 57.606 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

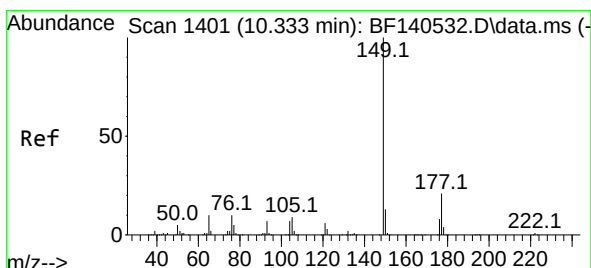
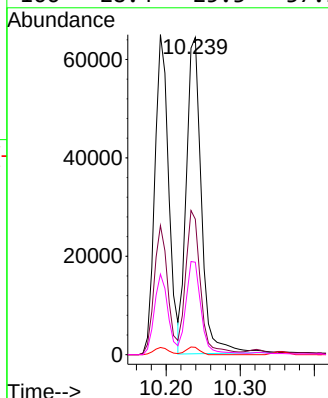
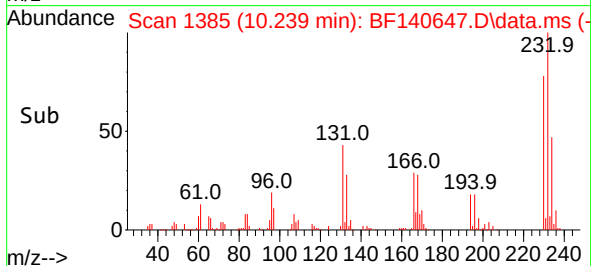
Instrument :
BNA_F
ClientSampleId :
MH-732MS



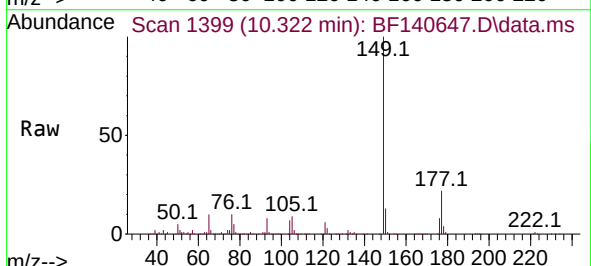
Tgt Ion:232 Resp: 90859
Ion Ratio Lower Upper
232 100
131 42.9 39.6 59.4
130 2.2 1.9 2.9
166 28.4 25.3 37.9

Manual Integrations
APPROVED

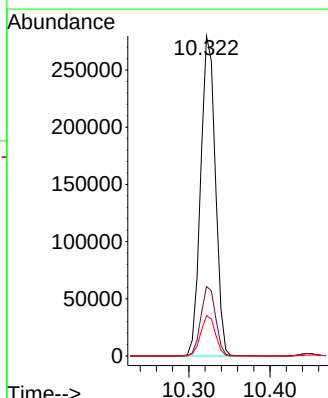
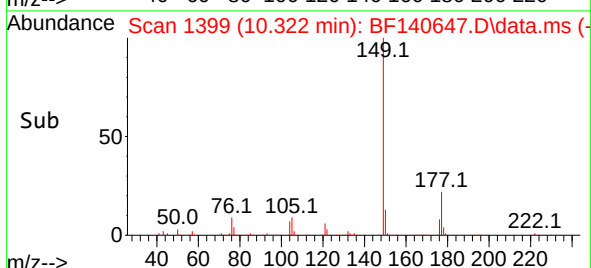
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

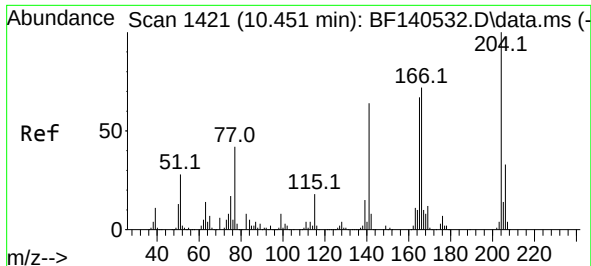


#60
Diethylphthalate
Concen: 50.940 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:149 Resp: 350884
Ion Ratio Lower Upper
149 100
177 21.7 17.1 25.7
150 12.6 10.1 15.1





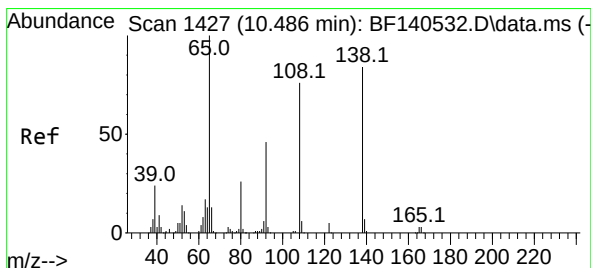
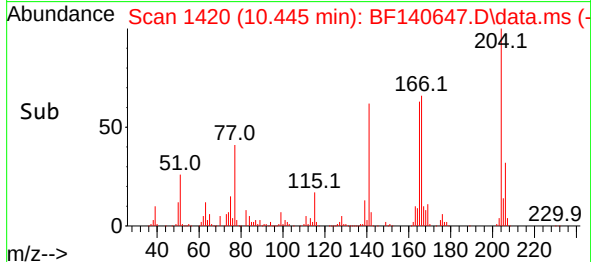
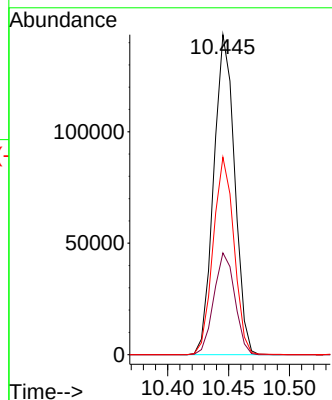
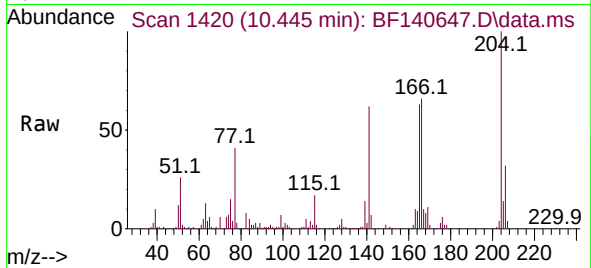
#61
4-Chlorophenyl-phenylether
Concen: 51.185 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:204 Resp: 17194
Ion Ratio Lower Upper
204 100
206 31.8 26.6 40.0
141 61.7 51.1 76.7

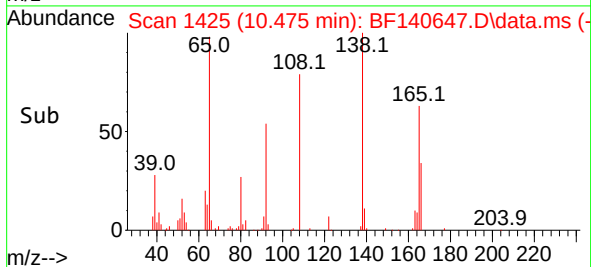
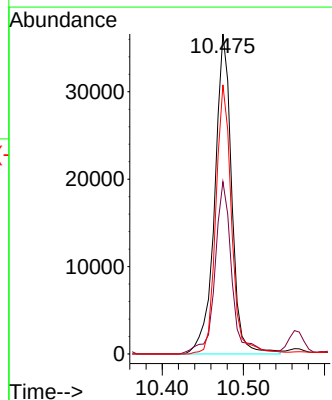
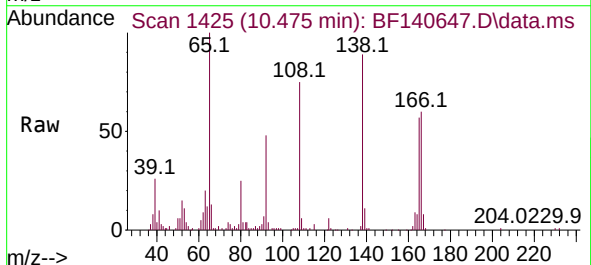
Manual Integrations
APPROVED

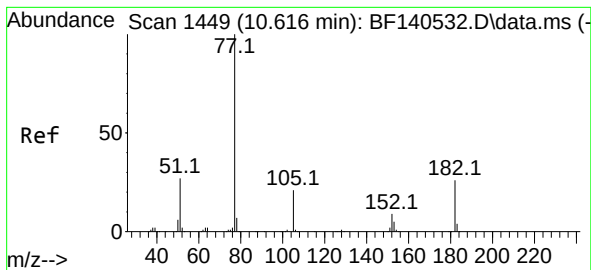
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 33.786 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:138 Resp: 53289
Ion Ratio Lower Upper
138 100
92 53.8 34.5 74.5
108 84.1 70.6 110.6





#63

Azobenzene

Concen: 49.463 ng

RT: 10.604 min Scan# 1449

Delta R.T. -0.012 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

Tgt Ion: 77 Resp: 32265

Ion Ratio Lower Upper

77 100

182 23.6 5.3 45.3

105 20.4 0.3 40.3

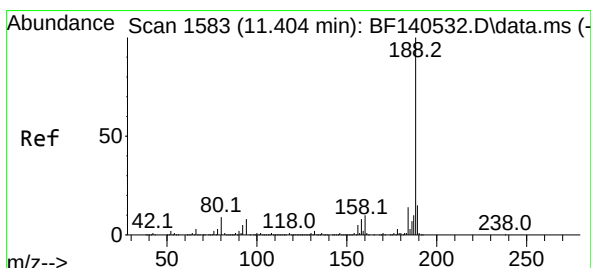
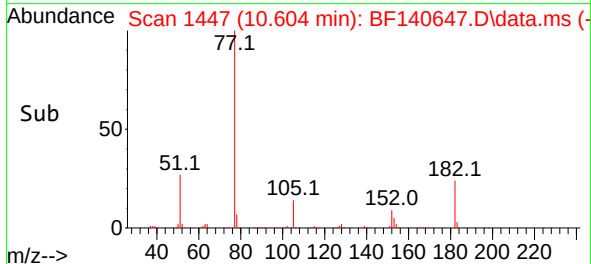
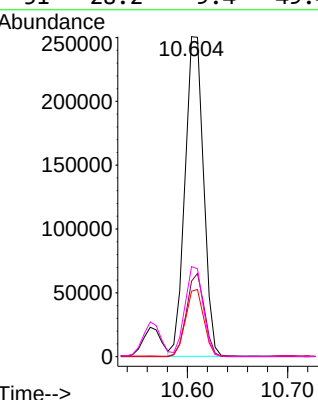
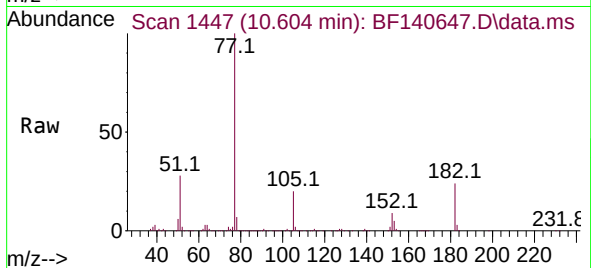
51 28.2 9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

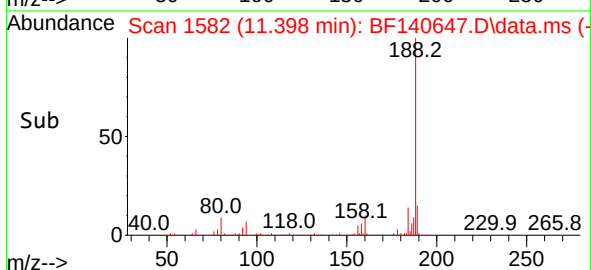
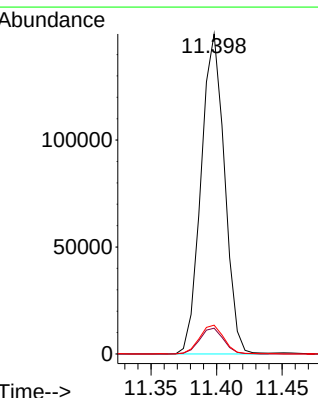
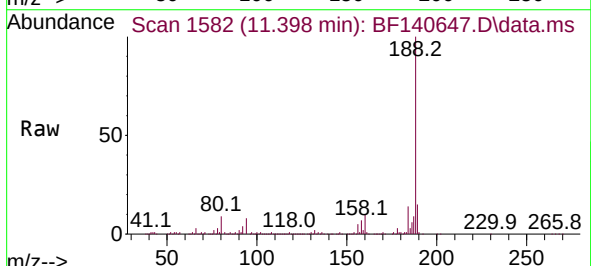
Tgt Ion:188 Resp: 186502

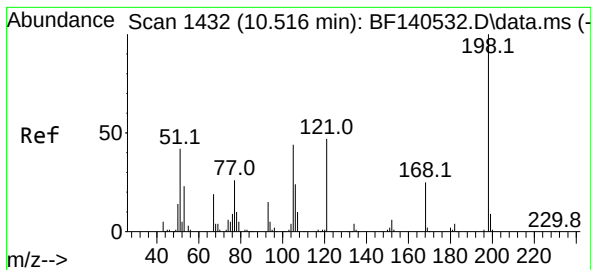
Ion Ratio Lower Upper

188 100

94 8.0 6.4 9.6

80 9.0 6.9 10.3





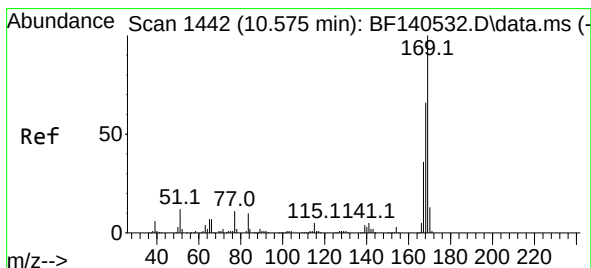
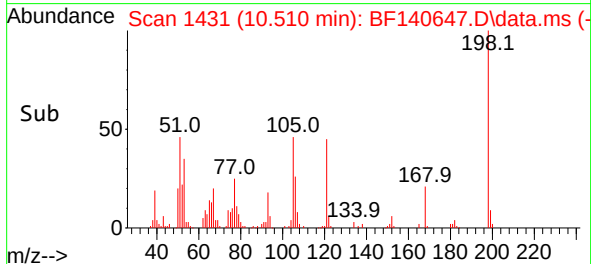
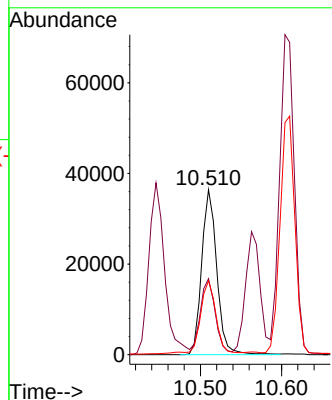
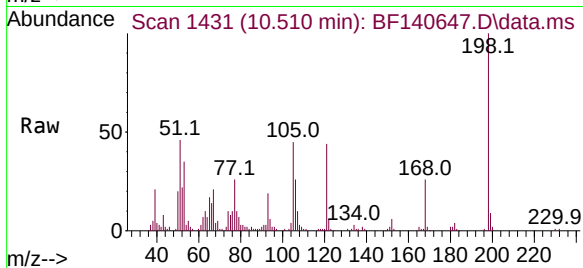
#65
4,6-Dinitro-2-methylphenol
Concen: 49.487 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:198 Resp: 4716
Ion Ratio Lower Upper
198 100
51 46.1 29.4 69.4
105 45.0 25.4 65.4

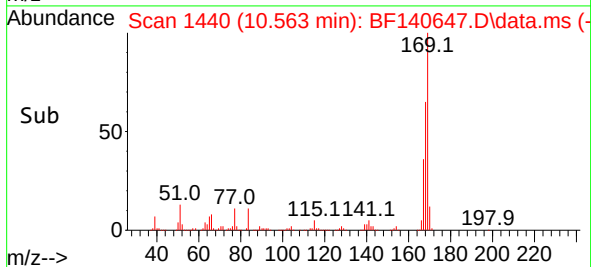
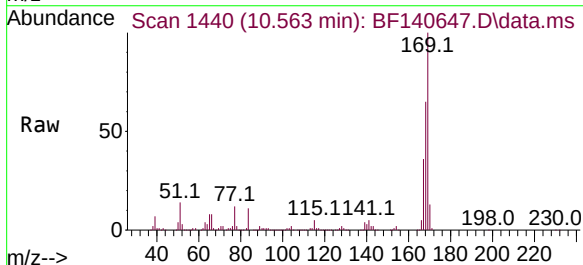
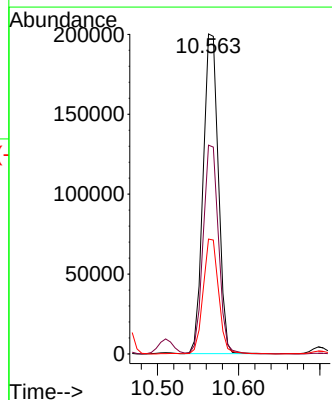
Manual Integrations
APPROVED

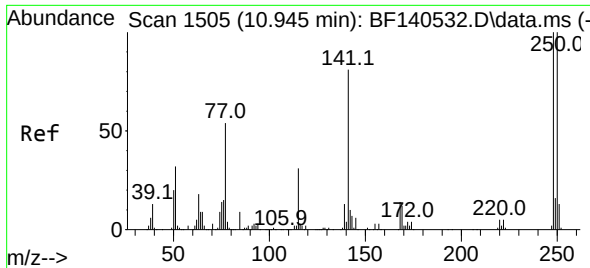
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 46.986 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

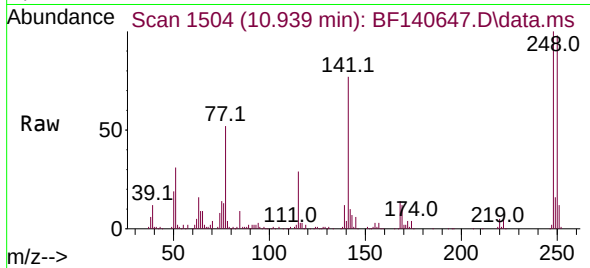
Tgt Ion:169 Resp: 259146
Ion Ratio Lower Upper
169 100
168 65.2 53.2 79.8
167 35.9 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.651 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

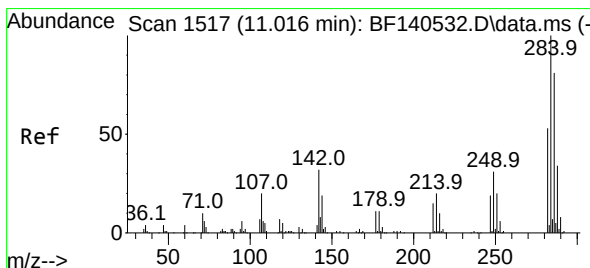
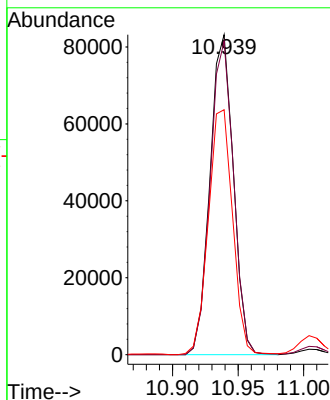
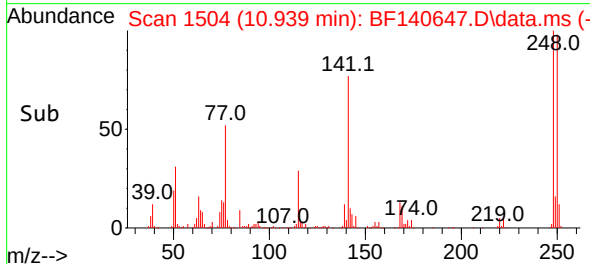
Instrument :
BNA_F
ClientSampleId :
MH-732MS



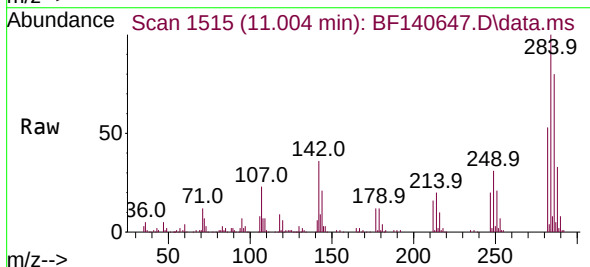
Tgt Ion:248 Resp: 103040
Ion Ratio Lower Upper
248 100
250 98.0 79.8 119.8
141 76.5 64.7 97.1

Manual Integrations
APPROVED

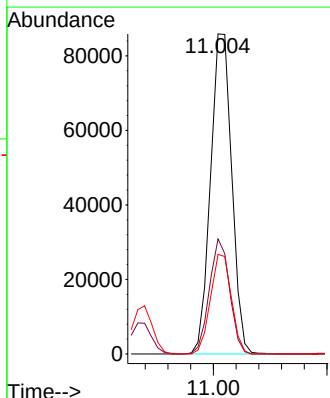
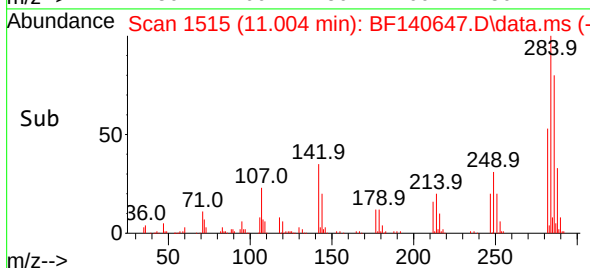
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

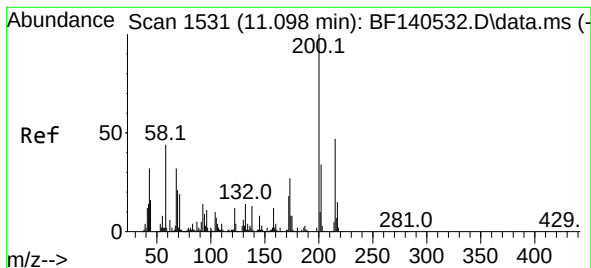


#68
Hexachlorobenzene
Concen: 50.175 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:284 Resp: 111587
Ion Ratio Lower Upper
284 100
142 35.9 25.3 37.9
249 31.1 24.8 37.2





#69

Atrazine

Concen: 44.999 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

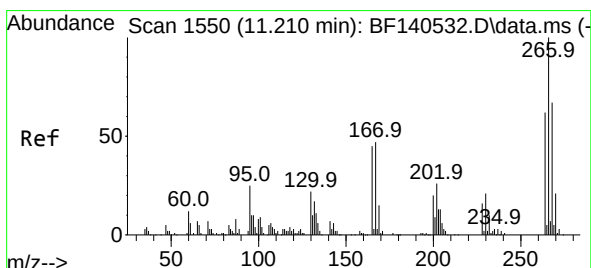
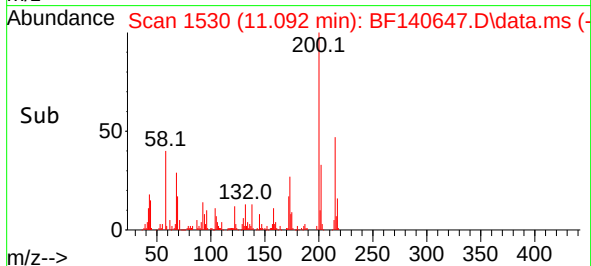
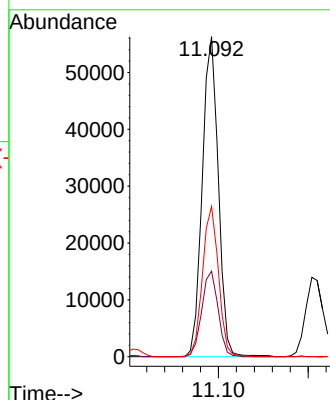
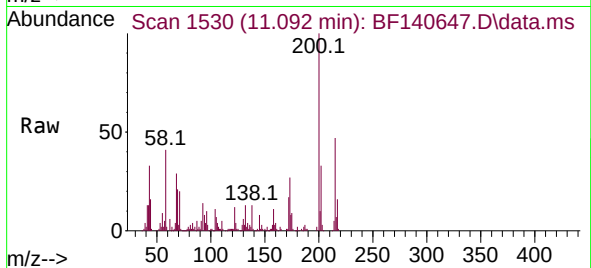
Tgt Ion:200	Resp:	69820
Ion Ratio	Lower	Upper
200	100	
173	26.8	7.0 47.0
215	46.9	26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 113.331 ng

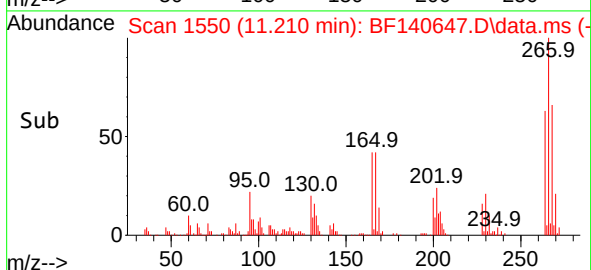
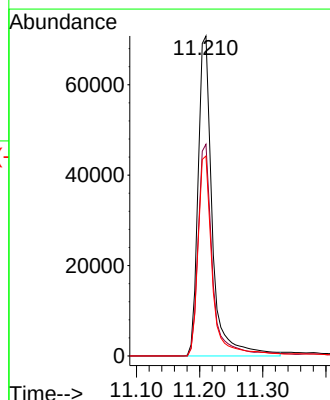
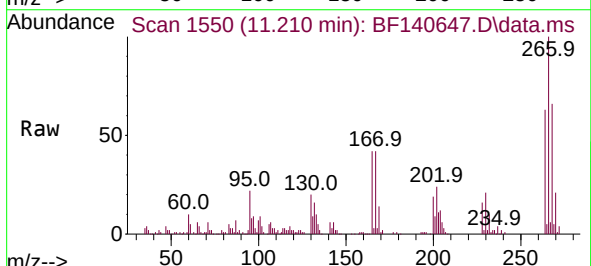
RT: 11.210 min Scan# 1550

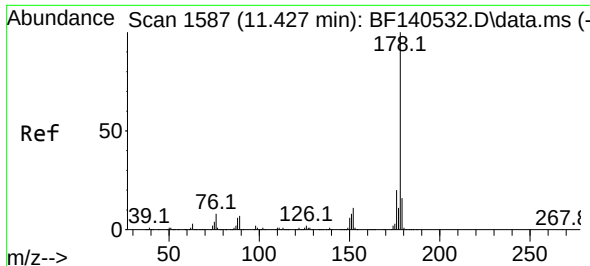
Delta R.T. -0.000 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

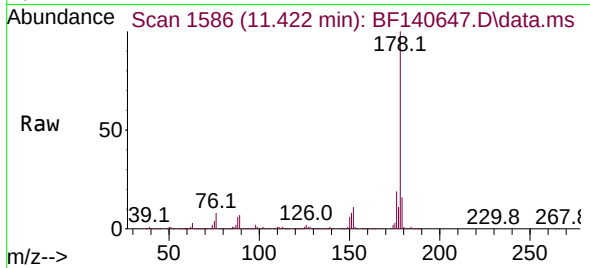
Tgt Ion:266	Resp:	110931
Ion Ratio	Lower	Upper
266	100	
268	66.1	53.7 80.5
264	62.5	49.8 74.8





#71
Phenanthrene
Concen: 52.907 ng
RT: 11.422 min Scan# 1587
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

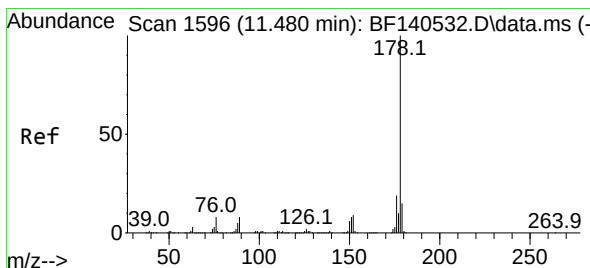
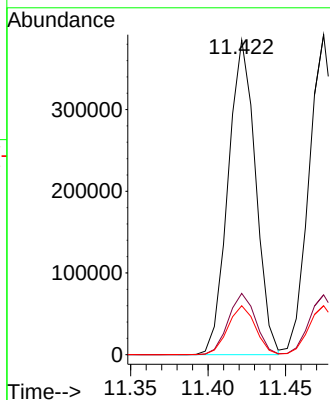
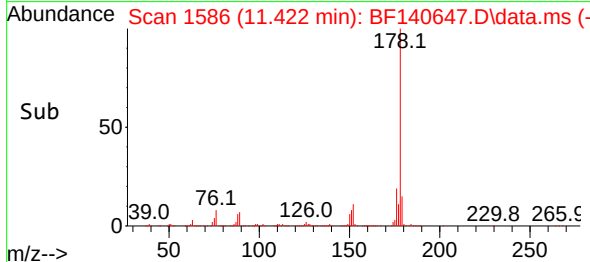
Instrument :
BNA_F
ClientSampleId :
MH-732MS



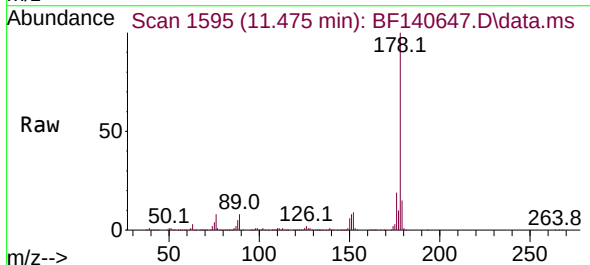
Tgt Ion:178 Resp: 47430
Ion Ratio Lower Upper
178 100
176 19.5 15.8 23.6
179 15.6 12.4 18.6

Manual Integrations
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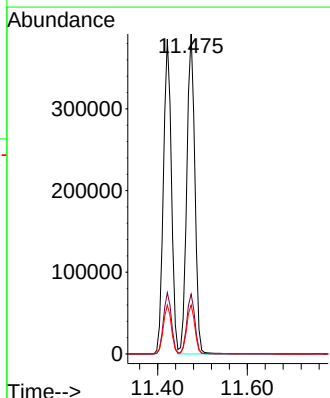
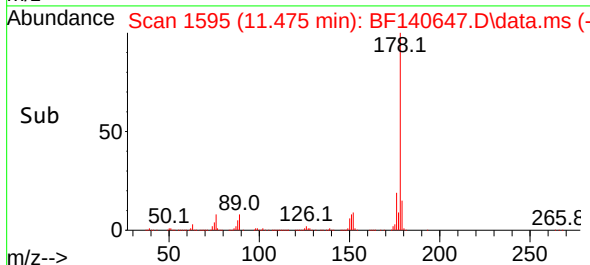
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

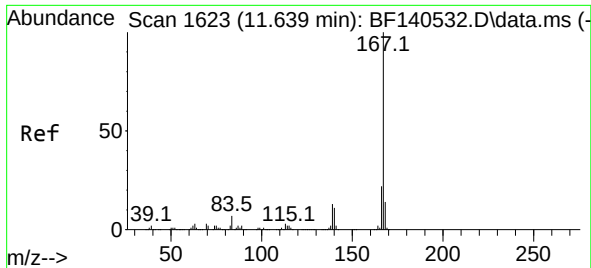


#72
Anthracene
Concen: 55.801 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33



Tgt Ion:178 Resp: 489342
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





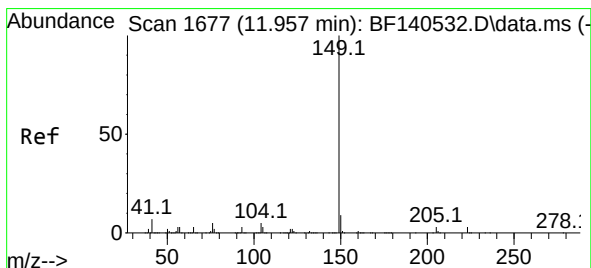
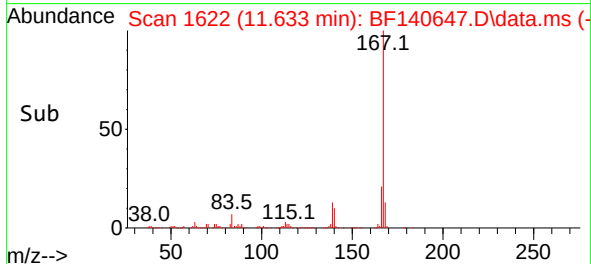
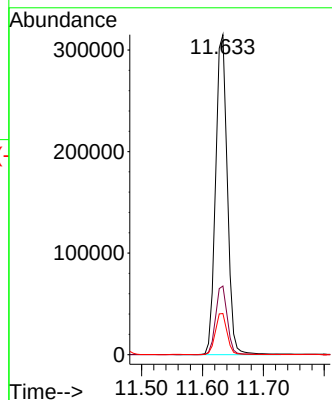
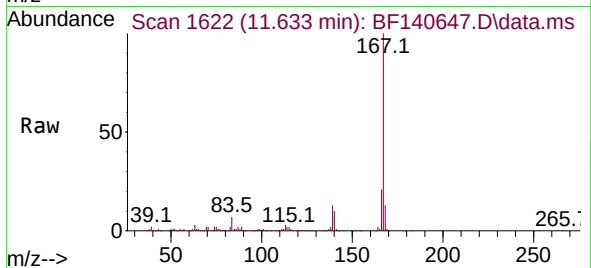
#73
Carbazole
Concen: 49.875 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:167 Resp: 420762
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.9 10.6 15.8

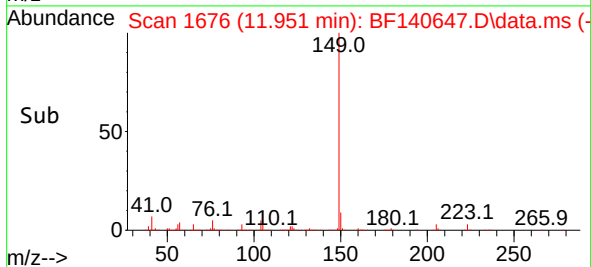
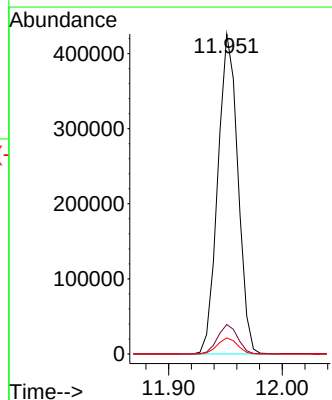
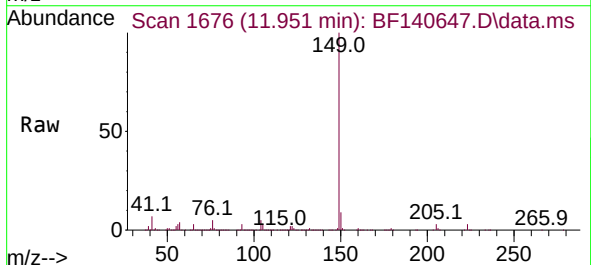
Manual Integrations
APPROVED

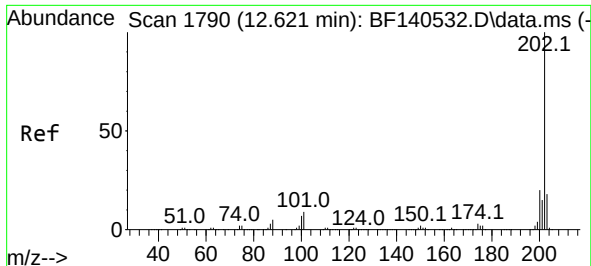
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#74
Di-n-butylphthalate
Concen: 53.815 ng
RT: 11.951 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

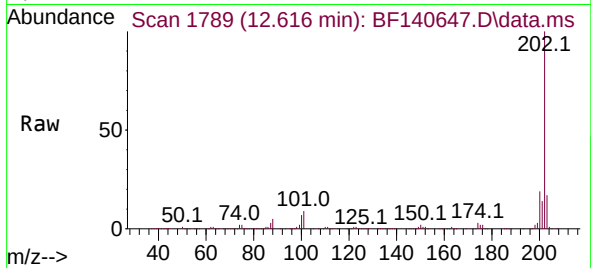
Tgt Ion:149 Resp: 524134
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 49.136 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

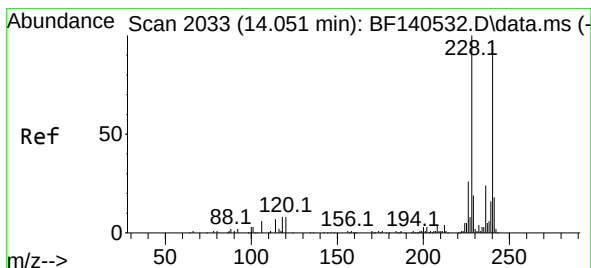
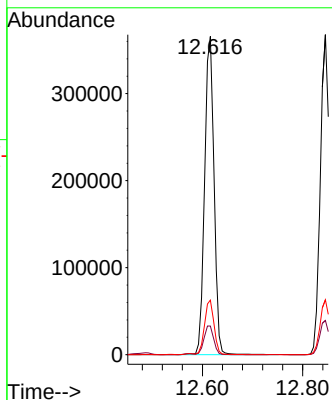
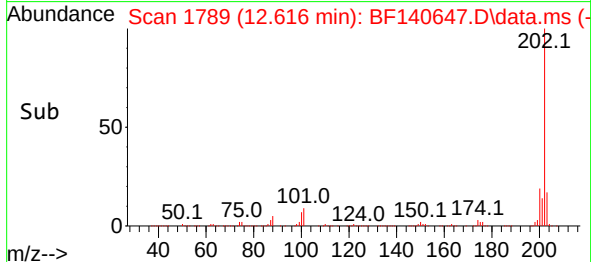
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:202 Resp: 478275
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.1 0.0 37.6

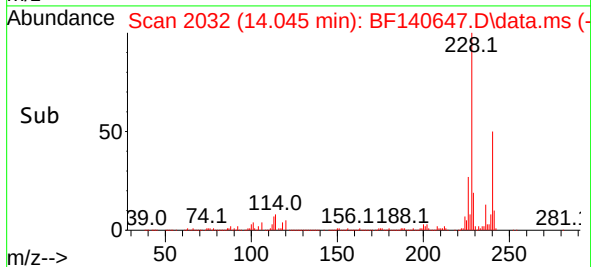
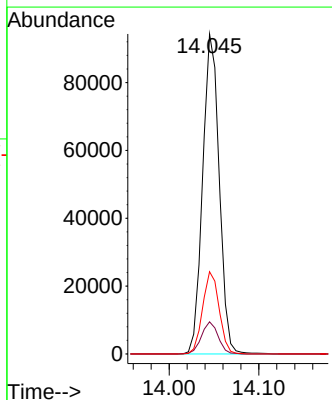
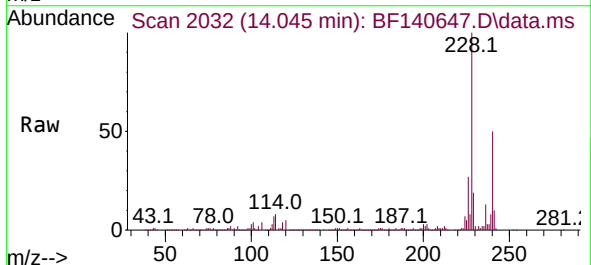
Manual Integrations
APPROVED

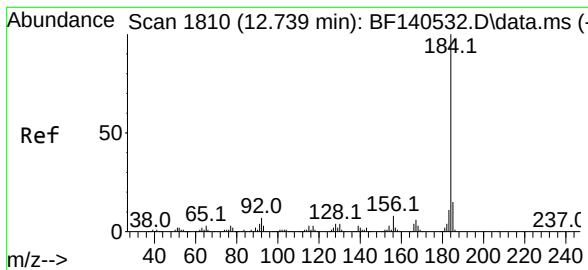
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

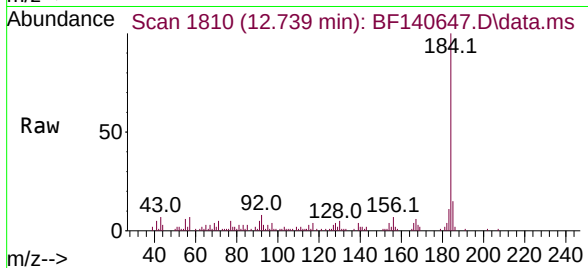
Tgt Ion:240 Resp: 120857
Ion Ratio Lower Upper
240 100
120 10.1 7.3 10.9
236 25.7 20.6 31.0





#77
Benzidine
Concen: 14.476 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

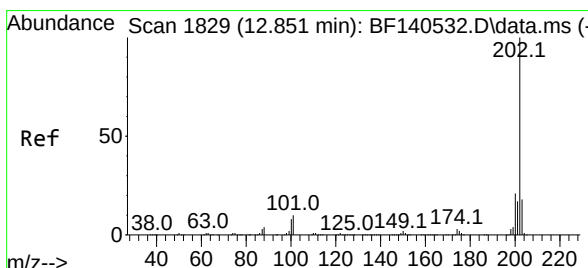
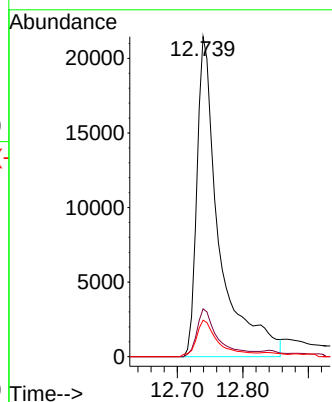
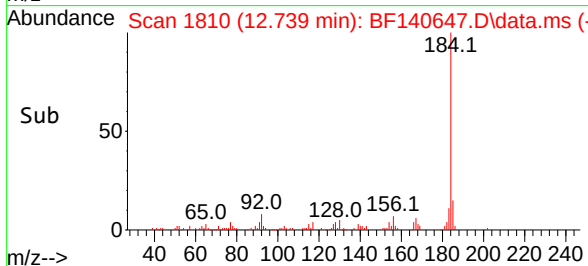
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:184 Resp: 5086
Ion Ratio Lower Upper
184 100
185 15.0 11.7 17.5
183 11.4 8.8 13.2

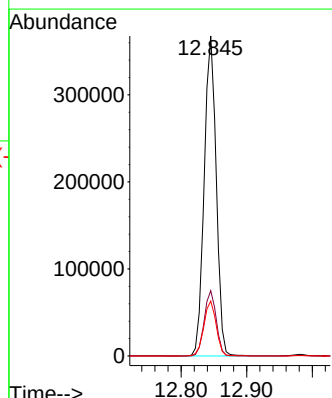
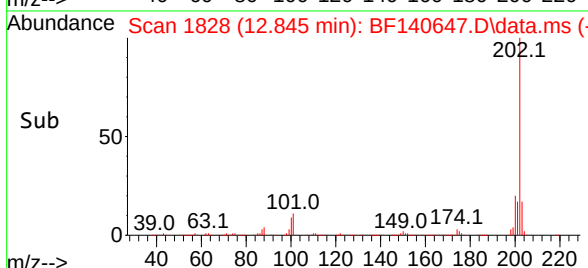
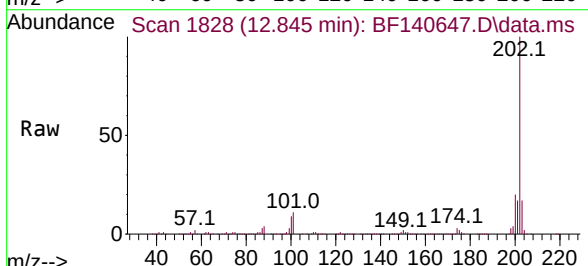
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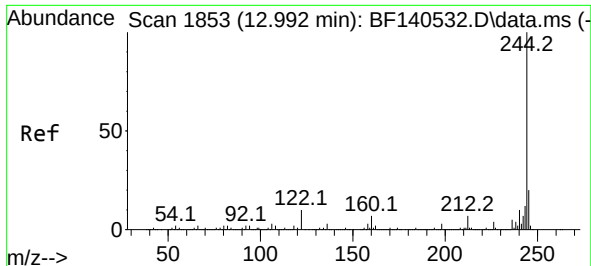
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#78
Pyrene
Concen: 42.143 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

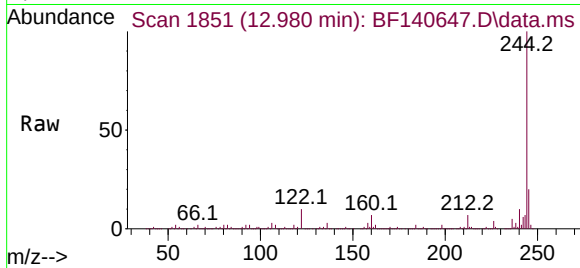
Tgt Ion:202 Resp: 470932
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.1 14.2 21.4





#79
 Terphenyl-d14
 Concen: 79.541 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140647.D
 Acq: 26 Nov 2024 17:33

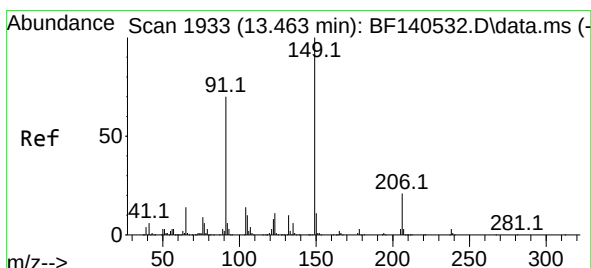
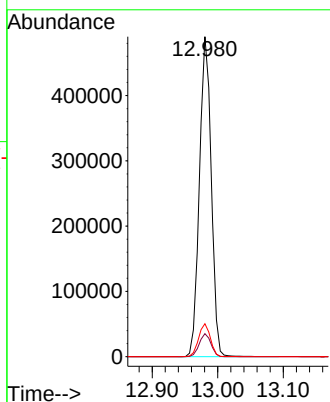
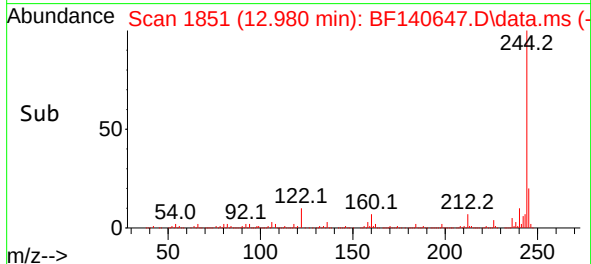
Instrument :
 BNA_F
 ClientSampleId :
 MH-732MS



Tgt Ion:244 Resp: 617360
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.3 8.0 12.0

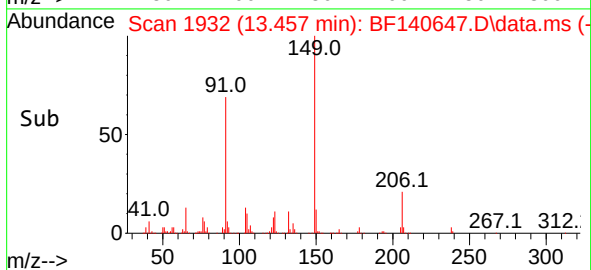
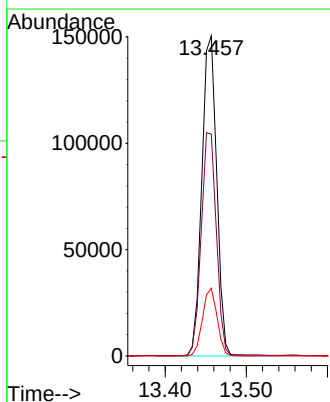
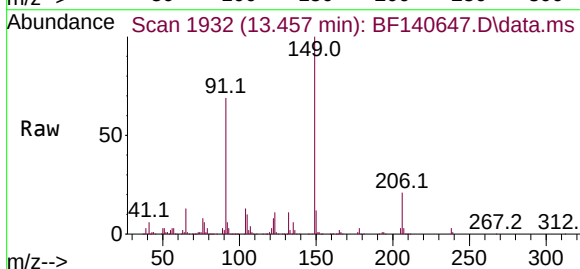
Manual Integrations
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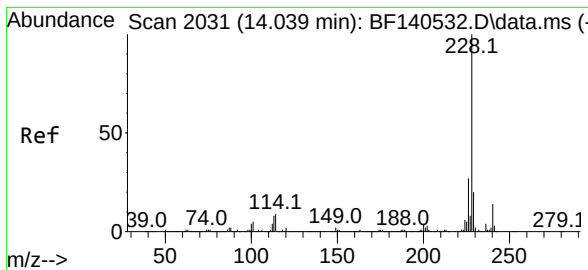
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 47.628 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140647.D
 Acq: 26 Nov 2024 17:33

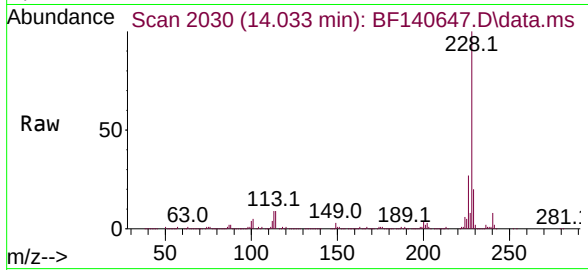
Tgt Ion:149 Resp: 191732
 Ion Ratio Lower Upper
 149 100
 91 69.3 56.2 84.2
 206 21.2 16.4 24.6





#81
Benzo(a)anthracene
Concen: 55.329 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

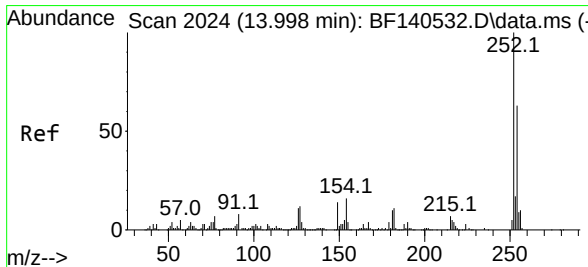
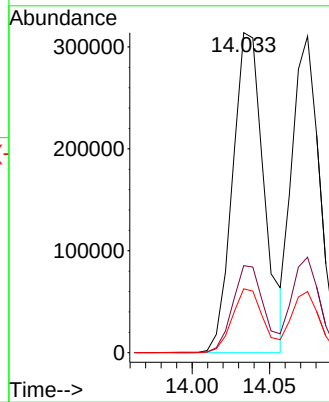
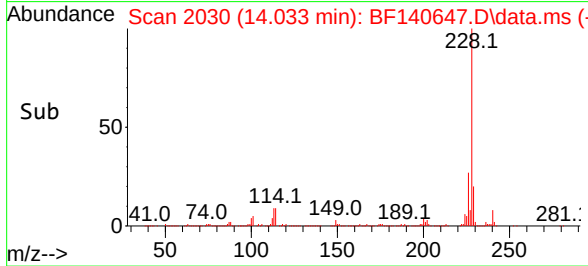
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:228 Resp: 442640
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.0 15.8 23.6

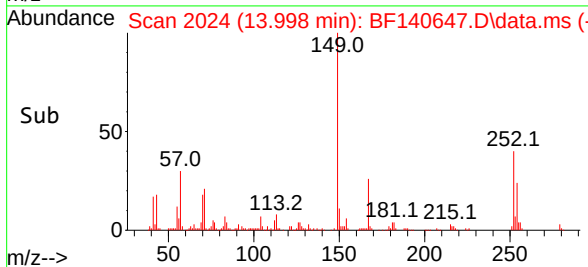
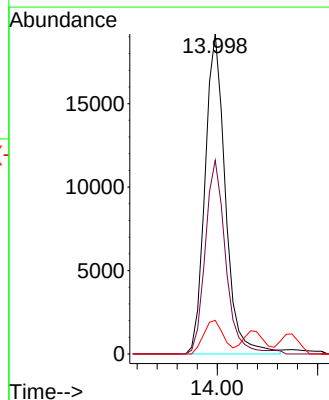
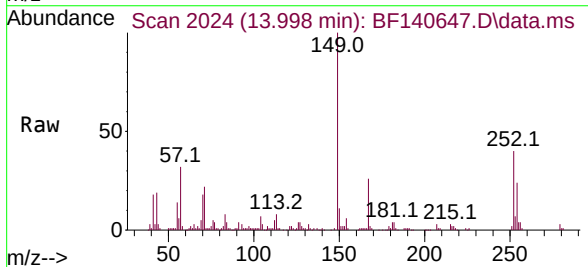
Manual Integrations
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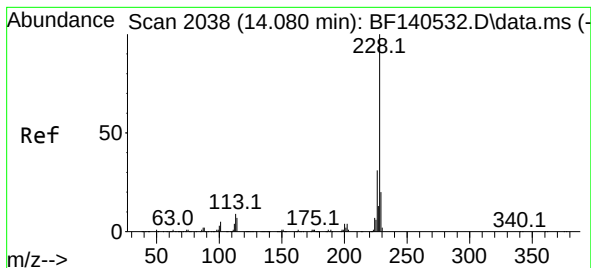
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 11.289 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:252 Resp: 27115
Ion Ratio Lower Upper
252 100
254 60.5 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 52.120 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS

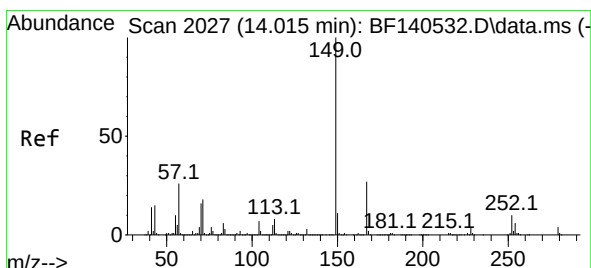
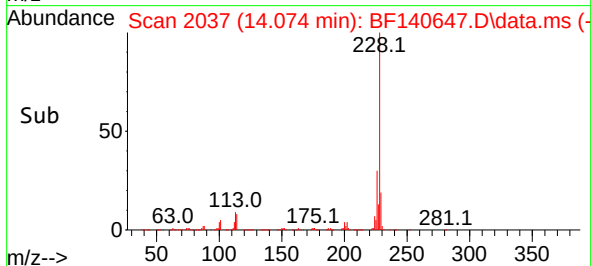
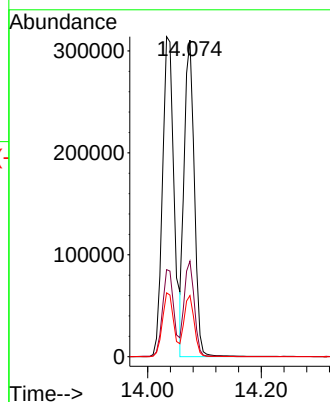
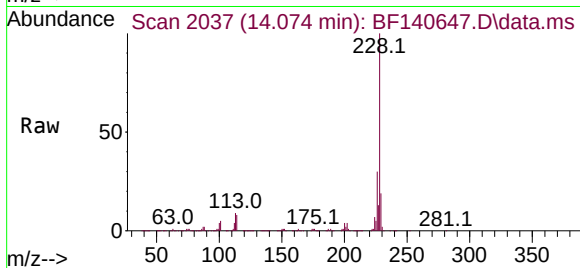
Tgt Ion:228 Resp: 381278
 Ion Ratio Lower Upper
 228 100
 226 30.2 24.4 36.6
 229 19.3 15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.802 ng

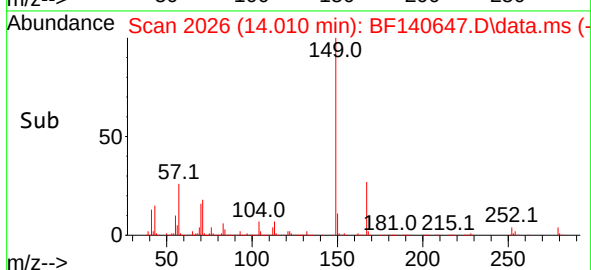
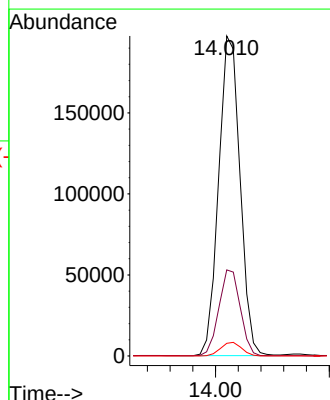
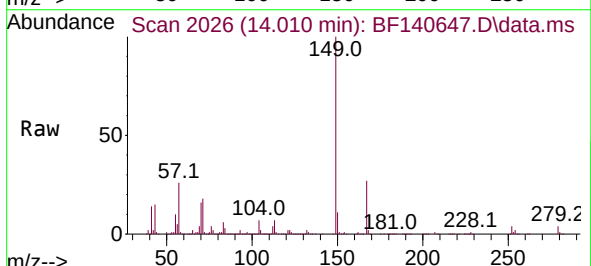
RT: 14.010 min Scan# 2026

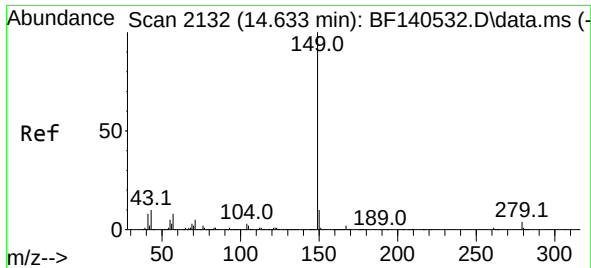
Delta R.T. -0.006 min

Lab File: BF140647.D

Acq: 26 Nov 2024 17:33

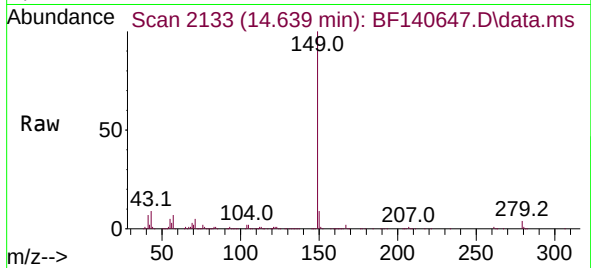
Tgt Ion:149 Resp: 258236
 Ion Ratio Lower Upper
 149 100
 167 26.9 21.2 31.8
 279 4.0 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 57.248 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

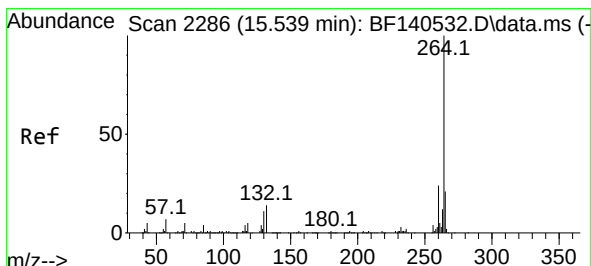
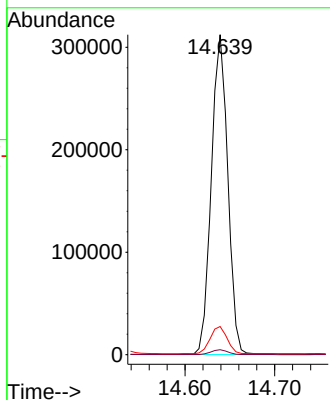
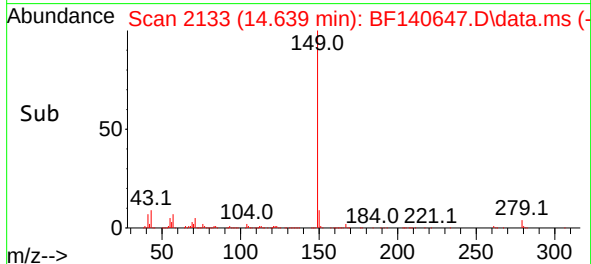
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:149 Resp: 397680
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 8.8 7.7 11.5

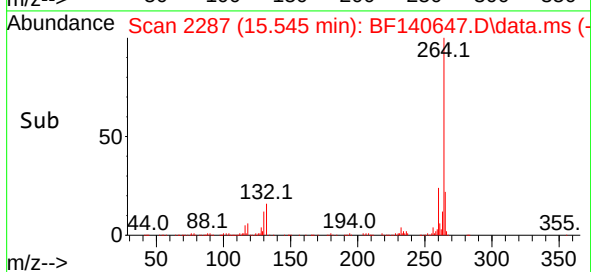
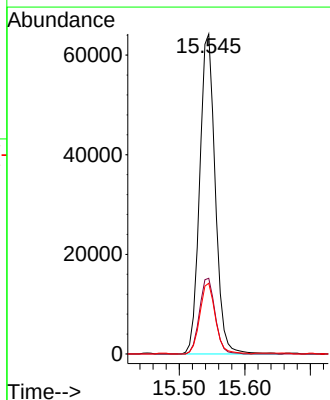
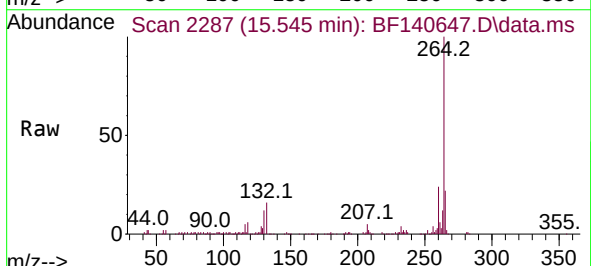
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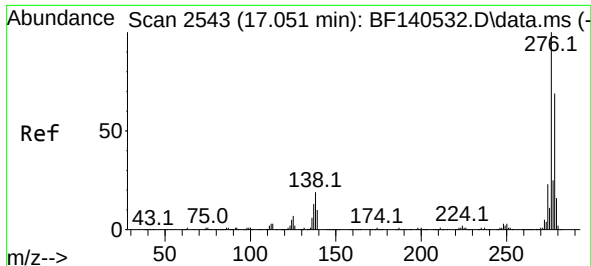
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:264 Resp: 106006
Ion Ratio Lower Upper
264 100
260 23.7 19.0 28.6
265 22.1 16.6 25.0





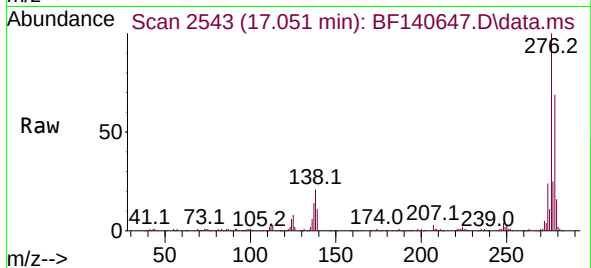
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.260 ng
 RT: 17.051 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140647.D
 Acq: 26 Nov 2024 17:33

Instrument :

BNA_F

ClientSampleId :

MH-732MS



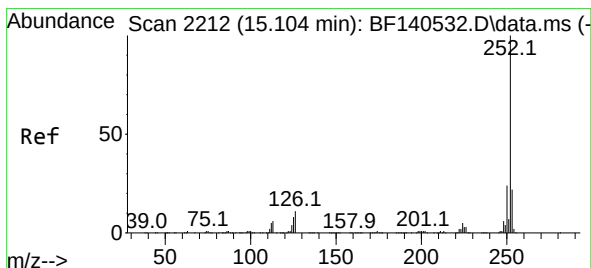
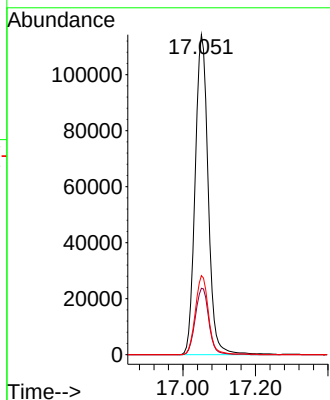
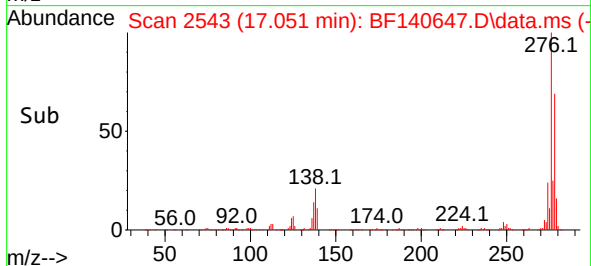
Tgt Ion:276 Resp: 285038
 Ion Ratio Lower Upper
 276 100
 138 21.4 15.5 23.3
 277 24.9 20.1 30.1

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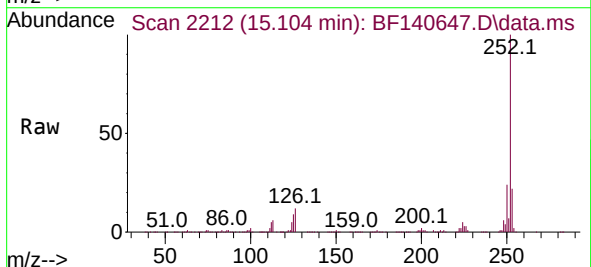
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

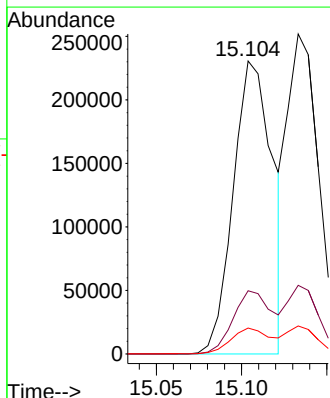
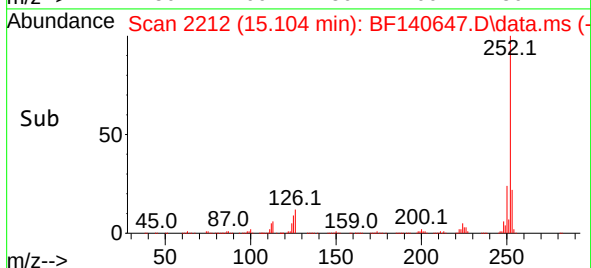
Supervised By :mohammad ahmed 11/27/2024

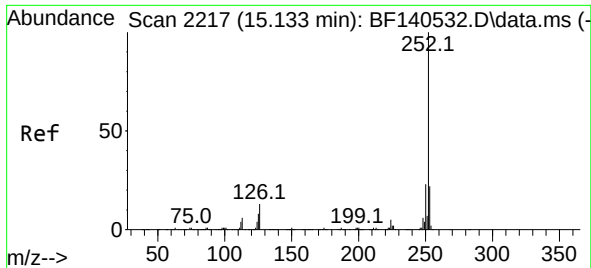


#88
 Benzo(b)fluoranthene
 Concen: 55.744 ng
 RT: 15.104 min Scan# 2212
 Delta R.T. 0.000 min
 Lab File: BF140647.D
 Acq: 26 Nov 2024 17:33



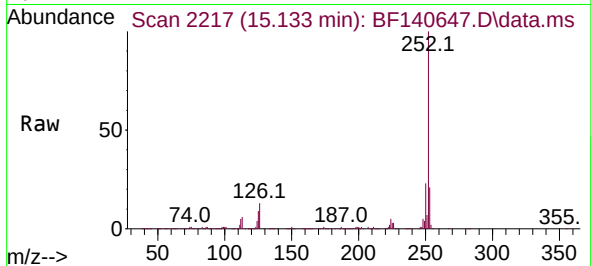
Tgt Ion:252 Resp: 371165
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.2 25.8
 125 8.9 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 56.401 ng
RT: 15.133 min Scan# 2217
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

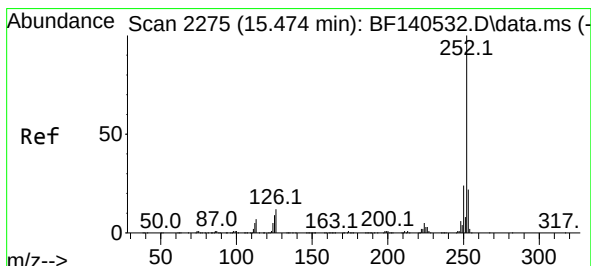
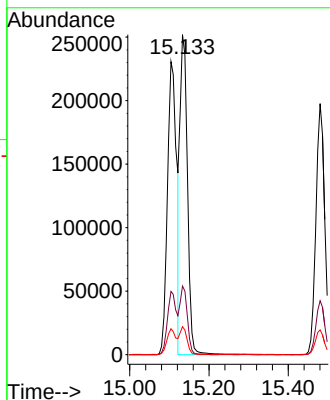
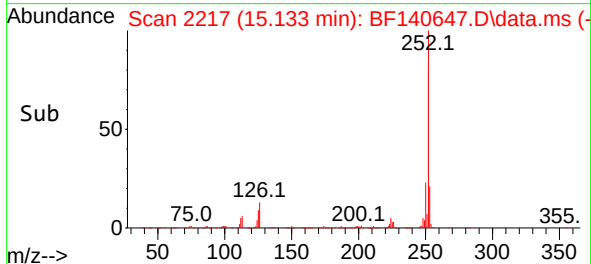
Instrument :
BNA_F
ClientSampleId :
MH-732MS



Tgt Ion:252 Resp: 32863
Ion Ratio Lower Upper
252 100
253 21.4 17.5 26.3
125 8.8 6.5 9.7

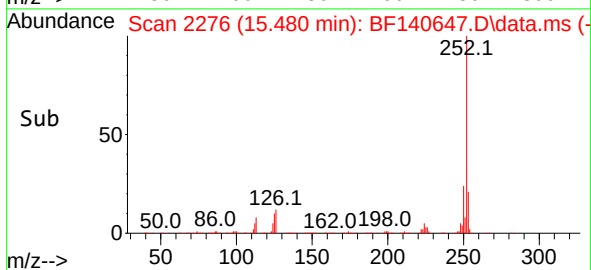
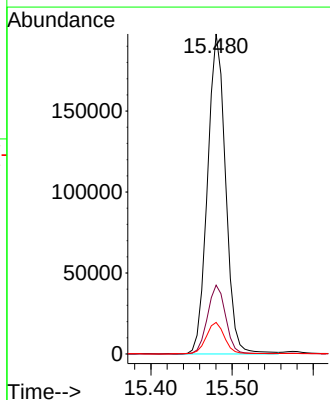
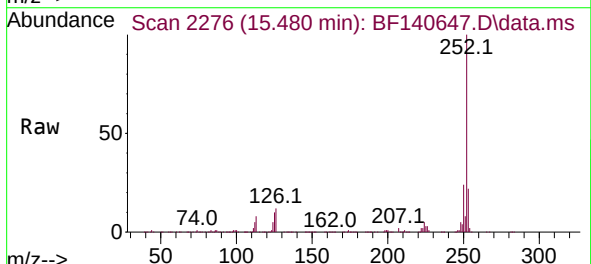
Manual Integrations
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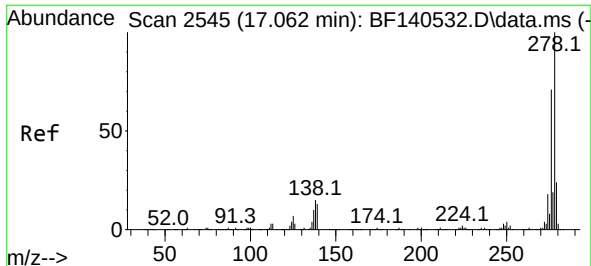
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 56.466 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:252 Resp: 305695
Ion Ratio Lower Upper
252 100
253 21.5 17.3 25.9
125 9.9 7.0 10.6





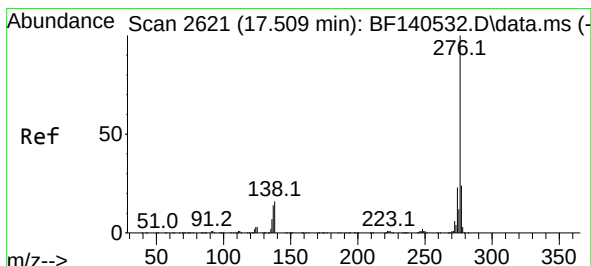
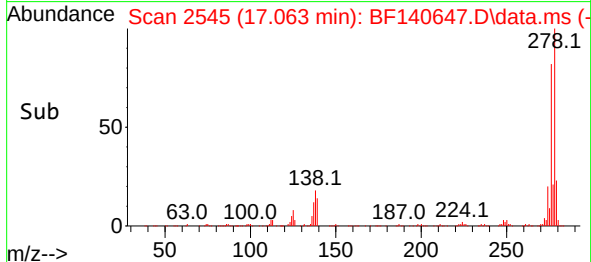
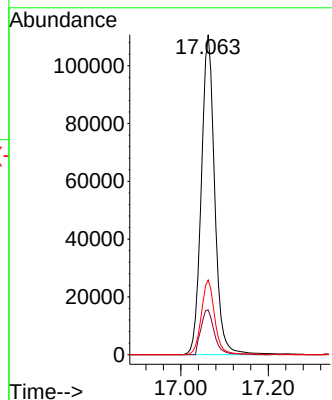
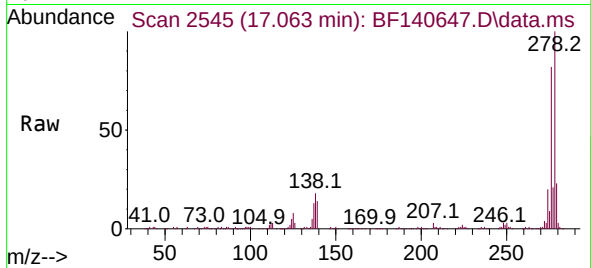
#91
Dibenzo(a,h)anthracene
Concen: 41.804 ng
RT: 17.063 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Instrument :
BNA_F
ClientSampleId :
MH-732MS

Tgt Ion:278 Resp: 236510
Ion Ratio Lower Upper
278 100
139 14.0 10.2 15.4
279 23.4 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 36.029 ng
RT: 17.504 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140647.D
Acq: 26 Nov 2024 17:33

Tgt Ion:276 Resp: 208004
Ion Ratio Lower Upper
276 100
277 23.0 18.9 28.3
138 18.4 13.2 19.8

