

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140644.D
 Acq On : 26 Nov 2024 16:14
 Operator : RC/JU
 Sample : P4985-01MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMS

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 16:43:20 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	52874	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	194368	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	102202	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	183562	20.000	ng	0.00
76) Chrysene-d12	14.045	240	117051	20.000	ng	0.00
86) Perylene-d12	15.539	264	97925	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	308000	99.390	ng	0.00
7) Phenol-d6	6.510	99	393611	96.077	ng	0.00
23) Nitrobenzene-d5	7.433	82	249539	65.669	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	108787	99.525	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	456248	66.514	ng	-0.01
79) Terphenyl-d14	12.980	244	411853	54.789	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	55427	42.540	ng	99
3) Pyridine	3.393	79	137828	48.078	ng	99
4) n-Nitrosodimethylamine	3.334	42	75333	44.711	ng	97
6) Aniline	6.534	93	114676	39.769	ng	89
8) 2-Chlorophenol	6.657	128	162219	48.657	ng	96
9) Benzaldehyde	6.422	77	65406	30.158	ng	98
10) Phenol	6.522	94	207097	49.499	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	148091	46.255	ng	100
12) 1,3-Dichlorobenzene	6.810	146	169153	45.153	ng	99
13) 1,4-Dichlorobenzene	6.886	146	173493	45.738	ng	100
14) 1,2-Dichlorobenzene	7.039	146	165537	46.573	ng	99
15) Benzyl Alcohol	7.010	79	144439	47.541	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	183633	48.550	ng	96
17) 2-Methylphenol	7.128	107	123198	46.162	ng	97
18) Hexachloroethane	7.381	117	61823	43.639	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	110515	45.644	ng	96
20) 3+4-Methylphenols	7.281	107	163175	47.568	ng	95
22) Acetophenone	7.275	105	220865	46.610	ng	96
24) Nitrobenzene	7.451	77	173110	44.078	ng	98
25) Isophorone	7.686	82	292783	46.195	ng	99
26) 2-Nitrophenol	7.769	139	81721	46.955	ng	99
27) 2,4-Dimethylphenol	7.804	122	122687m	58.917	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	176441	45.697	ng	99
29) 2,4-Dichlorophenol	8.016	162	130556	47.315	ng	97
30) 1,2,4-Trichlorobenzene	8.092	180	136264	43.251	ng	99
31) Naphthalene	8.175	128	455287	45.476	ng	99
32) Benzoic acid	7.922	122	66695	38.482	ng	95
33) 4-Chloroaniline	8.228	127	52911	17.651	ng	99
34) Hexachlorobutadiene	8.286	225	90685	43.457	ng	99
35) Caprolactam	8.586	113	41661	48.788	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	142266	46.050	ng	98
37) 2-Methylnaphthalene	8.863	142	297370	46.764	ng	99
38) 1-Methylnaphthalene	8.963	142	276044	44.287	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	143738	48.041	ng	99
41) Hexachlorocyclopentadiene	9.016	237	47625	71.652	ng	97
43) 2,4,6-Trichlorophenol	9.145	196	91734	48.862	ng	99

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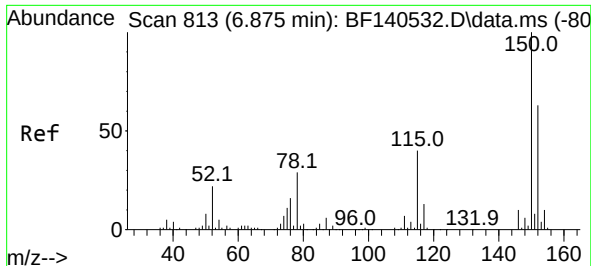
Manual Integrations
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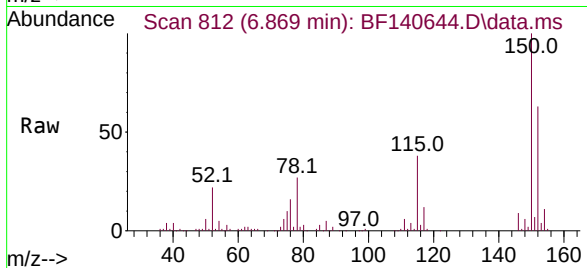
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	98979	48.578	ng	96
46) 1,1'-Biphenyl	9.327	154	365797	47.939	ng	99
47) 2-Chloronaphthalene	9.351	162	273329	47.274	ng	99
48) 2-Nitroaniline	9.451	65	90867	48.963	ng	98
49) Acenaphthylene	9.769	152	450864	51.611	ng	99
50) Dimethylphthalate	9.627	163	327695	48.685	ng	100
51) 2,6-Dinitrotoluene	9.692	165	71262	46.682	ng	94
52) Acenaphthene	9.939	154	269616m	48.573	ng	
53) 3-Nitroaniline	9.863	138	46632	31.233	ng	97
54) 2,4-Dinitrophenol	9.980	184	49134	63.893	ng	94
55) Dibenzofuran	10.116	168	414915	49.006	ng	99
56) 4-Nitrophenol	10.039	139	104253	102.385	ng	95
57) 2,4-Dinitrotoluene	10.098	165	98731	48.664	ng	95
58) Fluorene	10.457	166	325055	47.831	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	77722	49.633	ng	96
60) Diethylphthalate	10.327	149	328664	48.059	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	156648	46.969	ng	99
62) 4-Nitroaniline	10.480	138	66215	42.285	ng	96
63) Azobenzene	10.610	77	338246	52.228	ng	95
65) 4,6-Dinitro-2-methylph...	10.510	198	38352	40.887	ng	99
66) n-Nitrosodiphenylamine	10.569	169	281459	51.849	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	93467	49.443	ng	98
68) Hexachlorobenzene	11.010	284	104923	47.934	ng	99
69) Atrazine	11.092	200	92693	60.698	ng	99
70) Pentachlorophenol	11.210	266	96600	100.271	ng	99
71) Phenanthrene	11.421	178	448107	50.785	ng	99
72) Anthracene	11.474	178	454458	52.653	ng	100
73) Carbazole	11.633	167	420159	50.602	ng	99
74) Di-n-butylphthalate	11.951	149	494966	51.634	ng	99
75) Fluoranthene	12.616	202	438297	45.750	ng	100
77) Benzidine	12.739	184	169168	49.709	ng	99
78) Pyrene	12.845	202	449356	41.519	ng	98
80) Butylbenzylphthalate	13.457	149	172865	44.338	ng	99
81) Benzo(a)anthracene	14.039	228	396440	51.165	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	104033	44.720	ng	98
83) Chrysene	14.074	228	347470	49.043	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	224344	45.570	ng	98
85) Di-n-octyl phthalate	14.639	149	359753	53.471	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	238927	37.440	ng	99
88) Benzo(b)fluoranthene	15.104	252	331999	53.976	ng	99
89) Benzo(k)fluoranthene	15.133	252	277836	51.618	ng	99
90) Benzo(a)pyrene	15.480	252	264919	52.972	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	196852	37.665	ng	99
92) Benzo(g,h,i)perylene	17.503	276	176713	33.135	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: BF140644.D
Acq: 26 Nov 2024 16:14

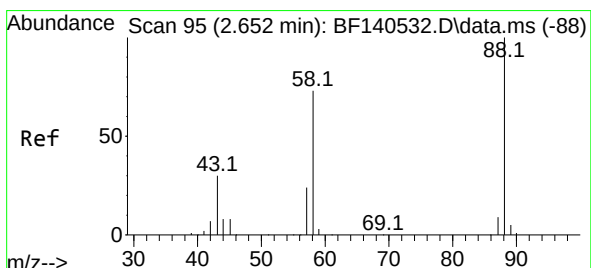
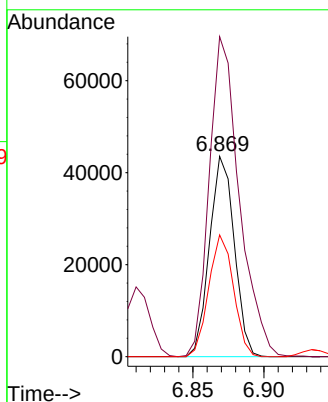
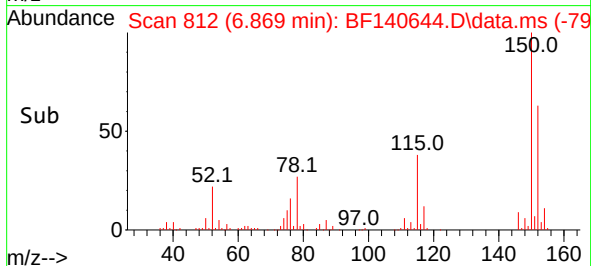
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:152 Resp: 52874
Ion Ratio Lower Upper
152 100
150 159.7 128.5 192.7
115 60.8 50.2 75.4

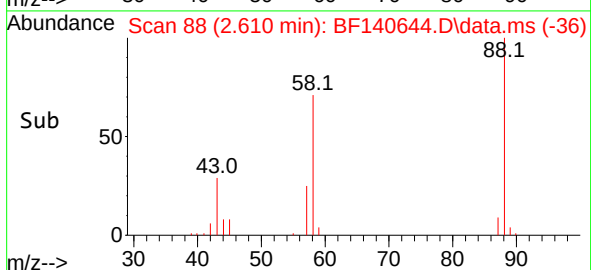
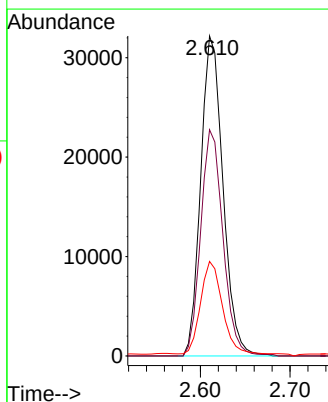
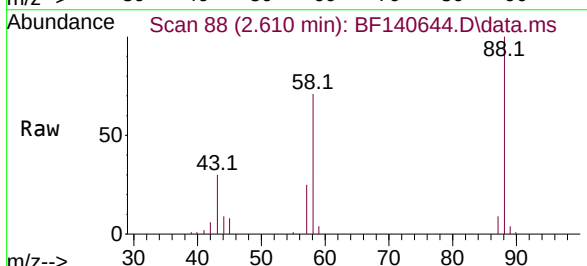
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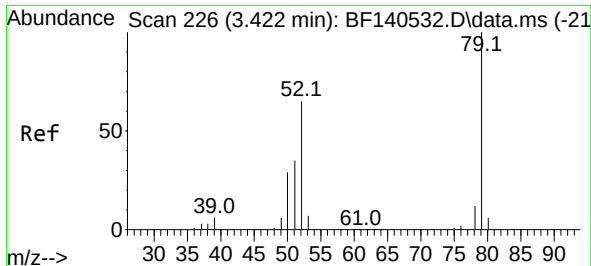
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 42.540 ng
RT: 2.610 min Scan# 88
Delta R.T. -0.041 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion: 88 Resp: 55427
Ion Ratio Lower Upper
88 100
58 70.6 57.4 86.2
43 30.8 24.3 36.5





#3

Pyridine

Concen: 48.078 ng

RT: 3.393 min Scan# 211

Delta R.T. -0.030 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion: 79 Resp: 137828

Ion Ratio Lower Upper

79 100

52 64.5 52.1 78.1

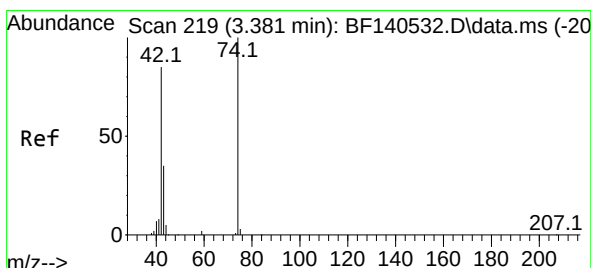
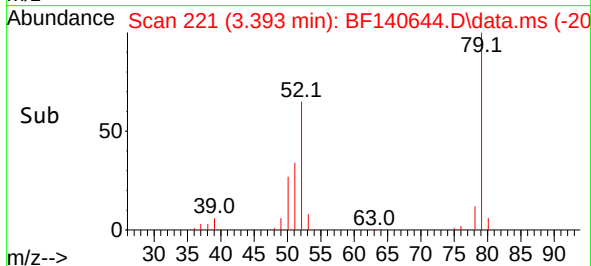
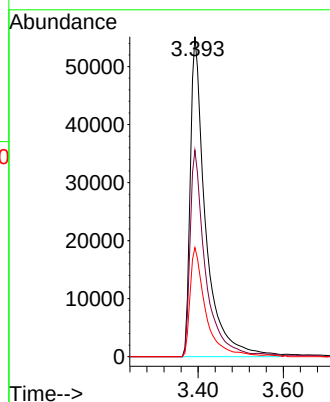
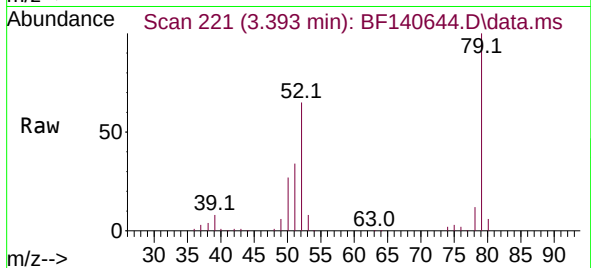
51 34.1 27.8 41.8

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#4

n-Nitrosodimethylamine

Concen: 44.711 ng

RT: 3.334 min Scan# 211

Delta R.T. -0.047 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

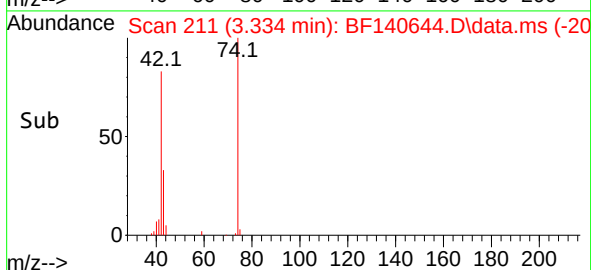
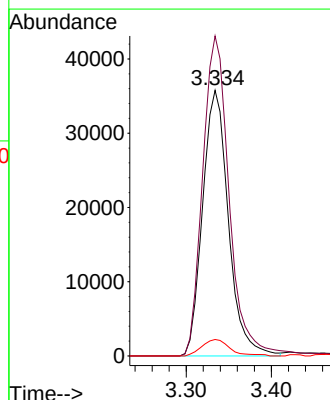
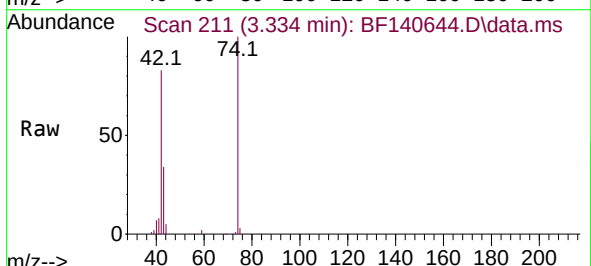
Tgt Ion: 42 Resp: 75333

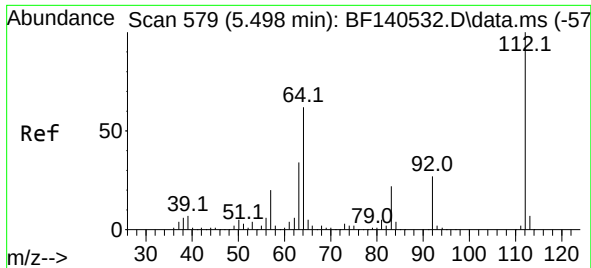
Ion Ratio Lower Upper

42 100

74 120.5 93.8 140.6

44 6.2 4.6 6.8





#5
2-Fluorophenol
Concen: 99.390 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

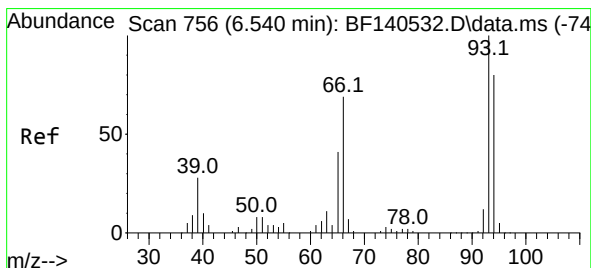
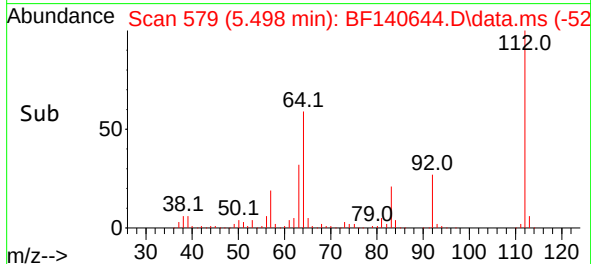
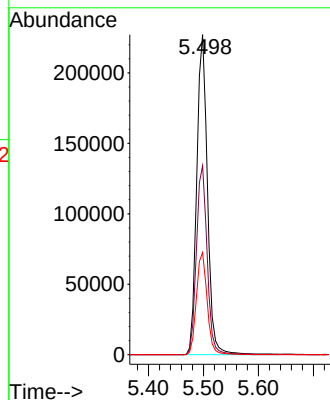
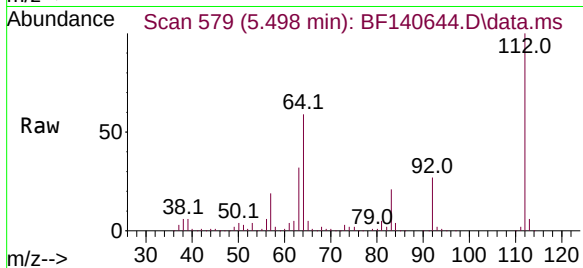
Tgt Ion:112 Resp: 308000
Ion Ratio Lower Upper
112 100
64 59.1 49.2 73.8
63 31.9 27.0 40.4

Manual Integrations

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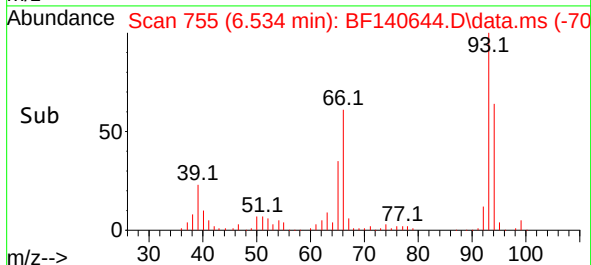
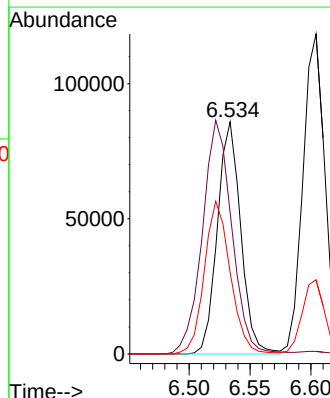
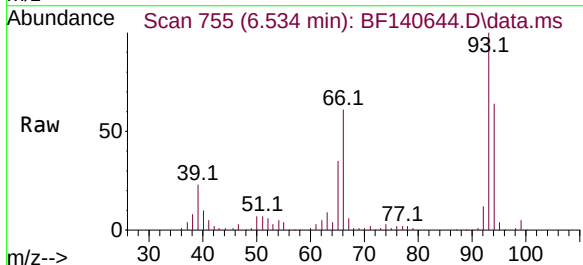
Reviewed By :Yogesh Patel 11/27/2024

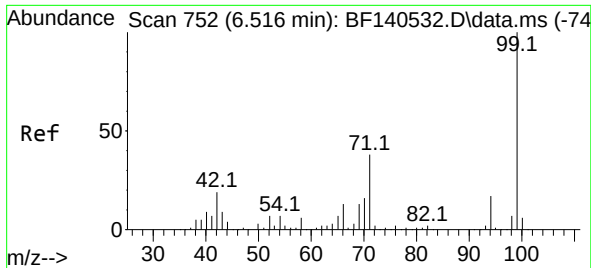
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 39.769 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

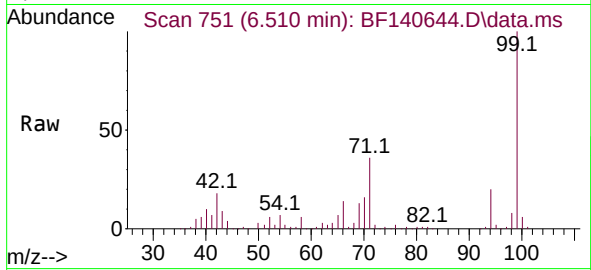
Tgt Ion: 93 Resp: 114676
Ion Ratio Lower Upper
93 100
66 61.0 56.5 84.7
65 35.1 32.9 49.3





#7
Phenol-d6
Concen: 96.077 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

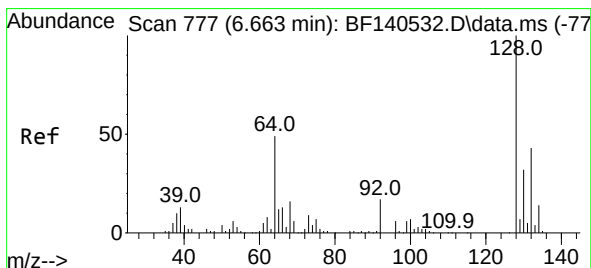
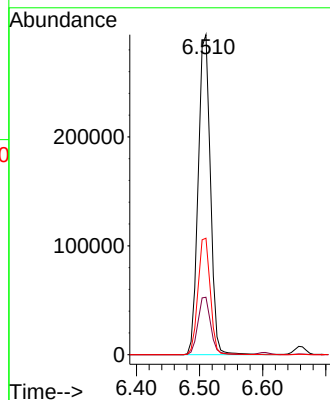
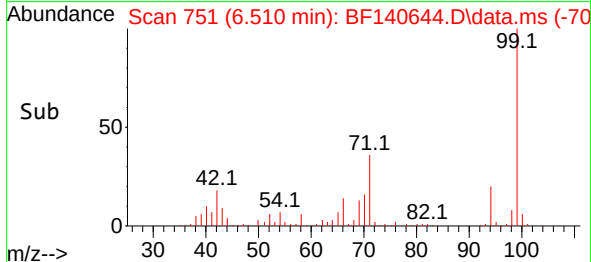
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion: 99 Resp: 39361
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.4 30.6 46.0

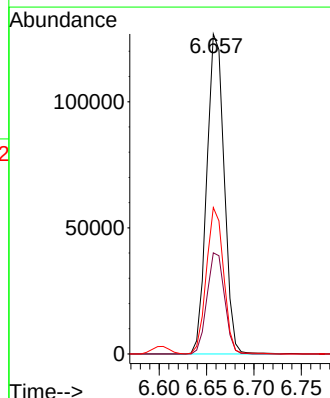
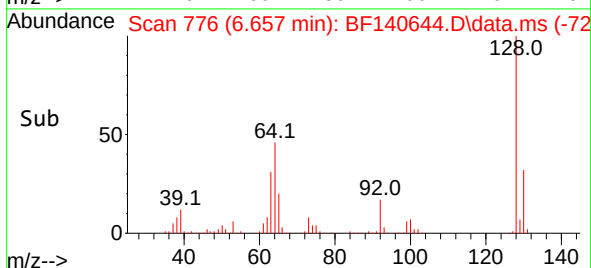
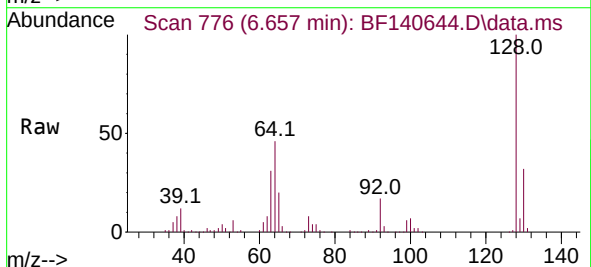
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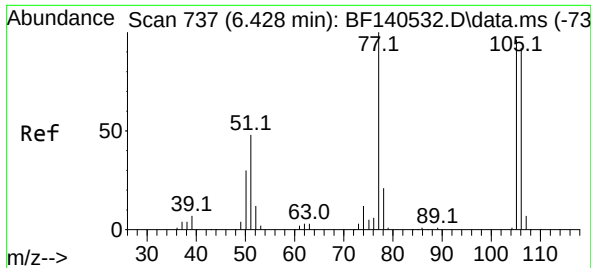
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#8
2-Chlorophenol
Concen: 48.657 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:128 Resp: 162219
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 45.7 30.2 70.2





#9

Benzaldehyde

Concen: 30.158 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion: 77 Resp: 65400

Ion Ratio Lower Upper

77 100

105 98.0 75.6 115.6

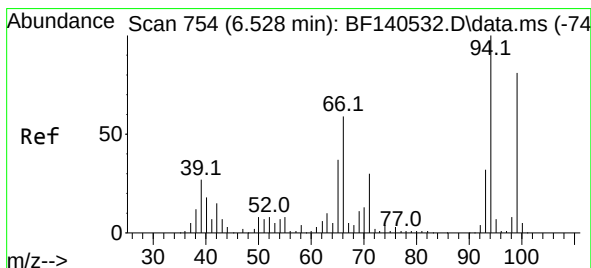
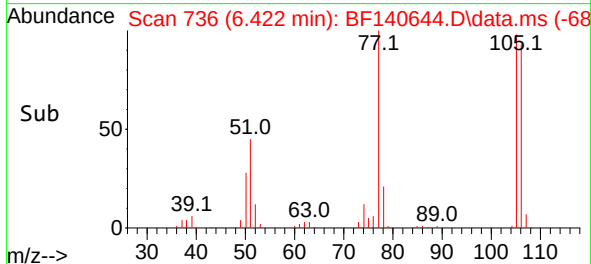
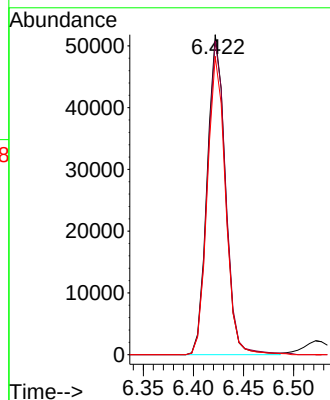
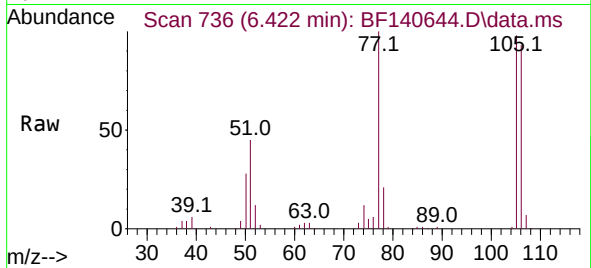
106 93.2 72.0 112.0

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 49.499 ng

RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

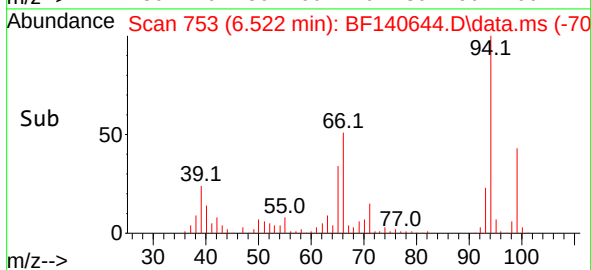
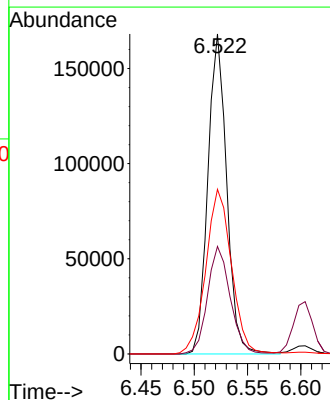
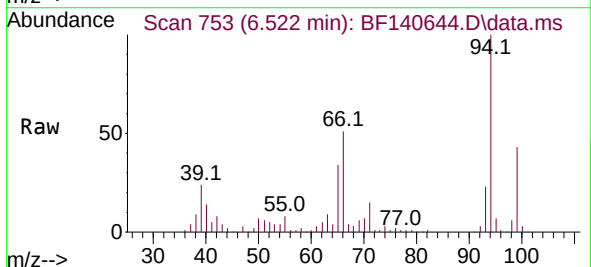
Tgt Ion: 94 Resp: 207097

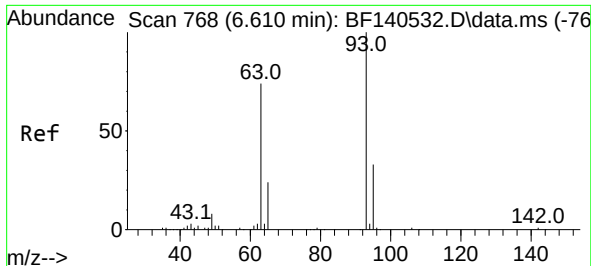
Ion Ratio Lower Upper

94 100

65 33.6 17.2 57.2

66 51.4 39.2 79.2





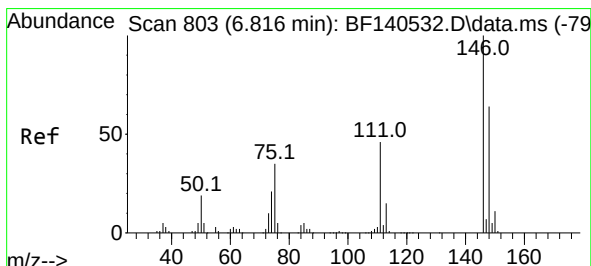
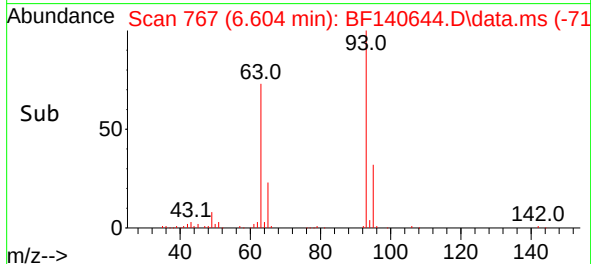
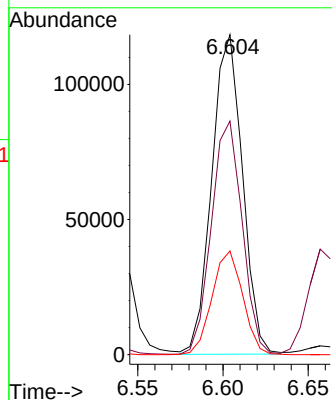
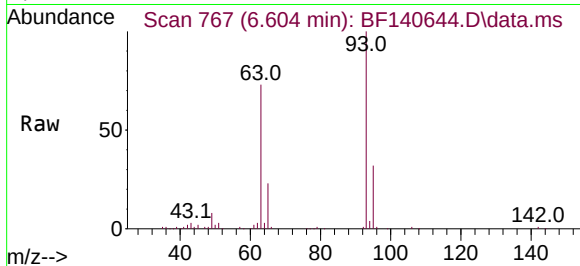
#11
bis(2-Chloroethyl)ether
Concen: 46.255 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 93 Resp: 14809
Ion Ratio Lower Upper
93 100
63 73.0 52.8 92.8
95 32.4 12.3 52.3

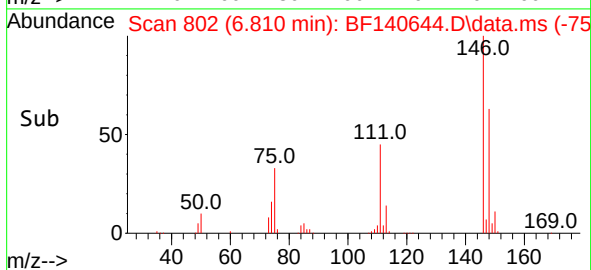
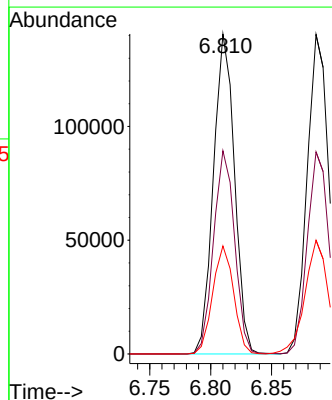
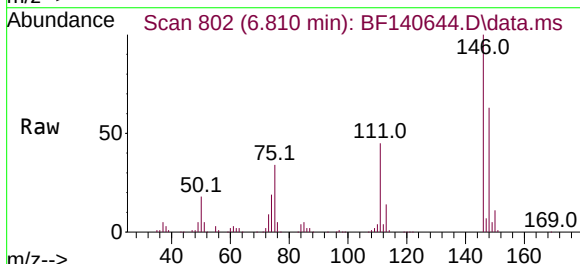
Manual Integrations
APPROVED

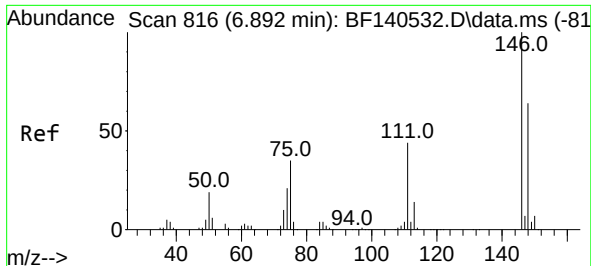
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 45.153 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:146 Resp: 169153
Ion Ratio Lower Upper
146 100
148 63.5 51.3 76.9
75 33.8 28.2 42.2





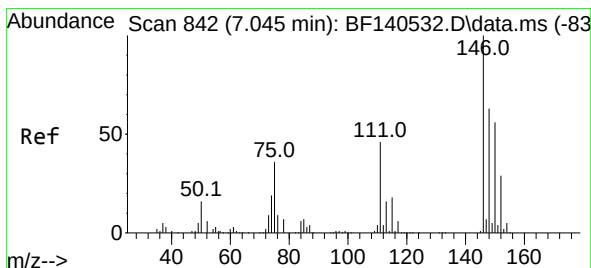
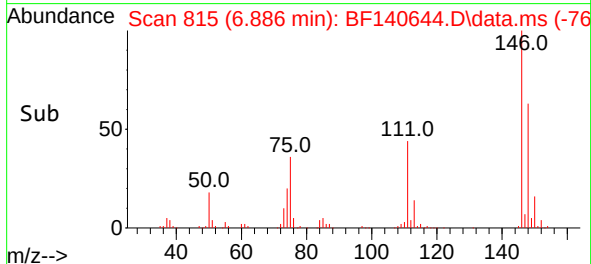
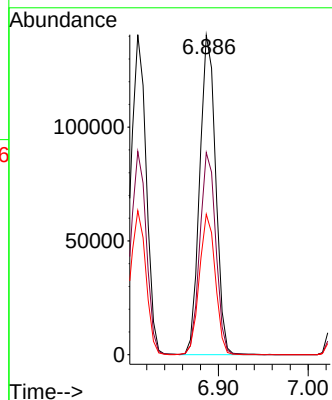
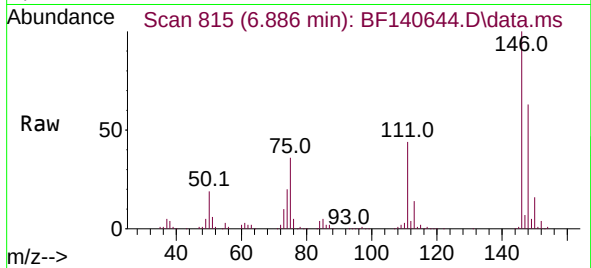
#13
1,4-Dichlorobenzene
Concen: 45.738 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:146 Resp: 17349
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 44.0 35.3 52.9

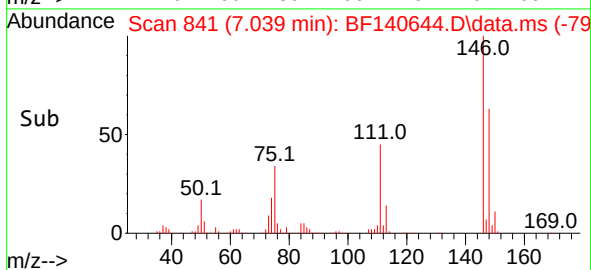
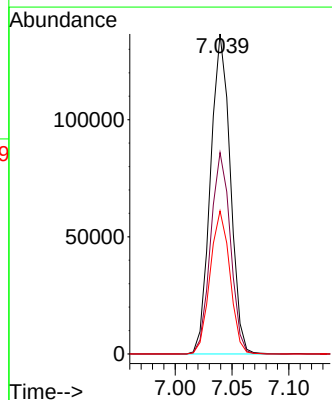
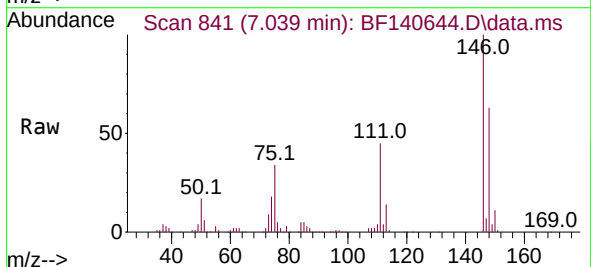
Manual Integrations
APPROVED

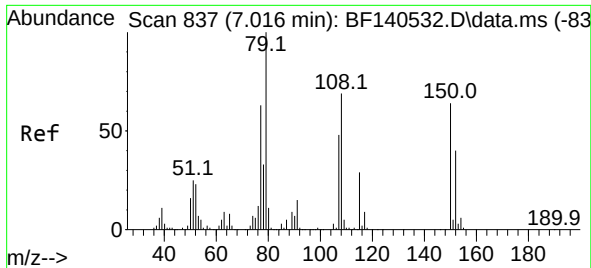
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#14
1,2-Dichlorobenzene
Concen: 46.573 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:146 Resp: 165537
Ion Ratio Lower Upper
146 100
148 62.9 50.5 75.7
111 44.7 36.7 55.1





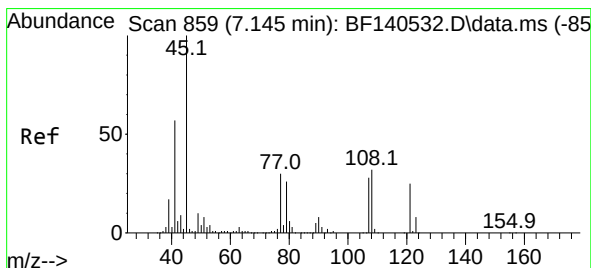
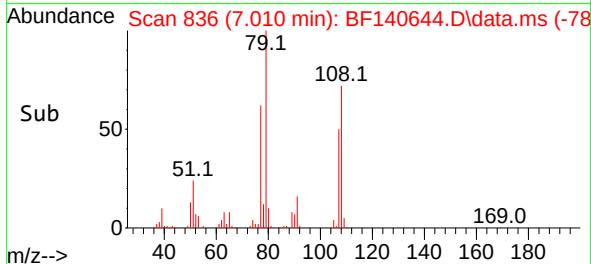
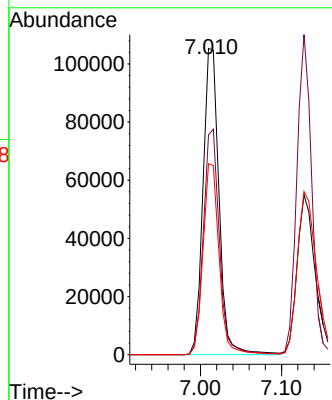
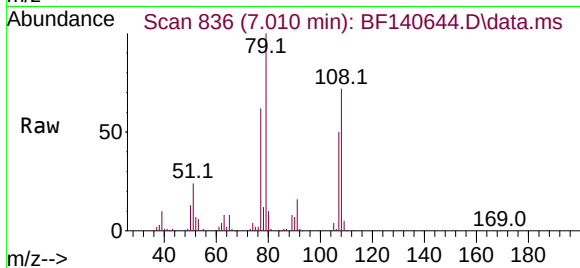
#15
Benzyl Alcohol
Concen: 47.541 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 79 Resp: 144439
Ion Ratio Lower Upper
79 100
108 71.8 55.0 82.6
77 62.3 50.1 75.1

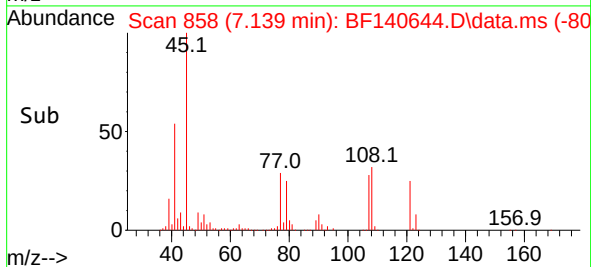
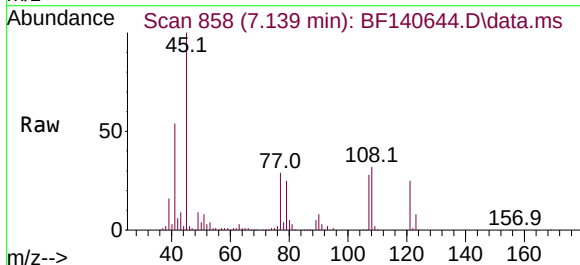
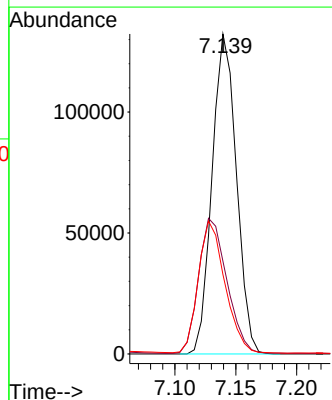
Manual Integrations
APPROVED

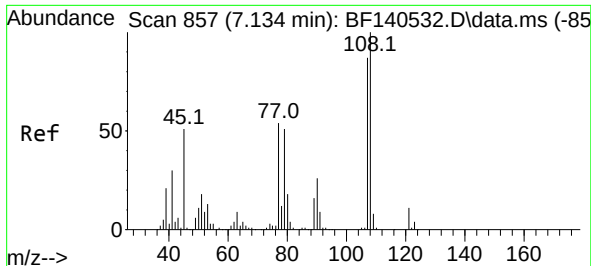
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.550 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

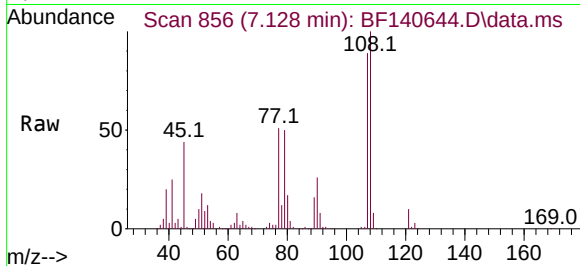
Tgt Ion: 45 Resp: 183633
Ion Ratio Lower Upper
45 100
77 29.0 10.7 50.7
79 24.8 7.0 47.0





#17
2-Methylphenol
Concen: 46.162 ng
RT: 7.128 min Scan# 857
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

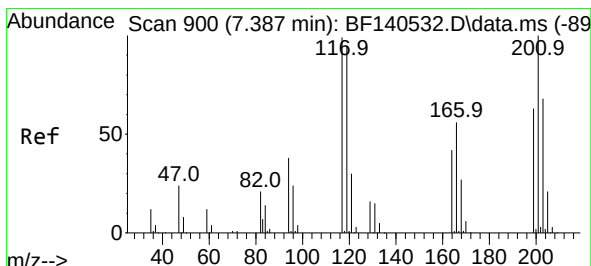
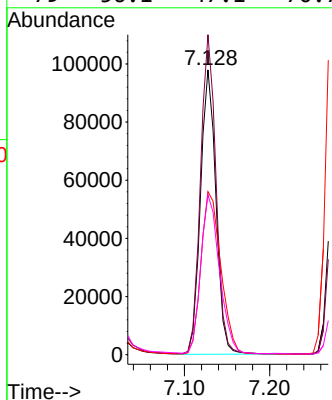
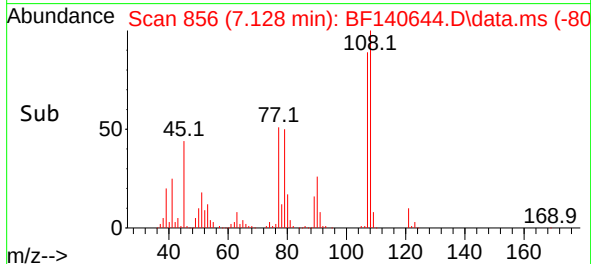
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:107 Resp: 123198
Ion Ratio Lower Upper
107 100
108 112.3 91.7 137.5
77 57.2 49.3 73.9
79 56.1 47.1 70.7

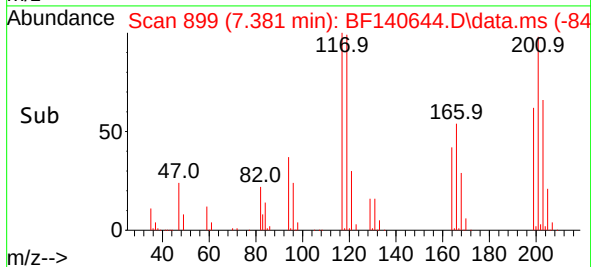
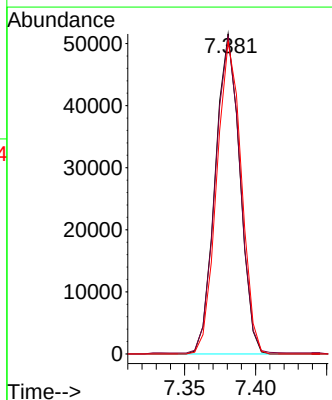
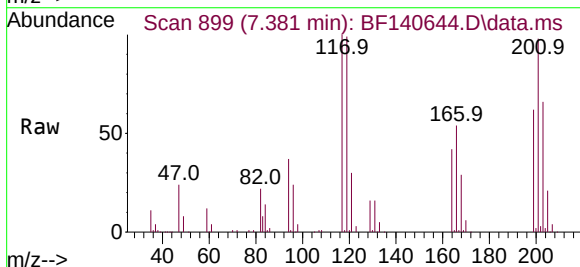
Manual Integrations
APPROVED

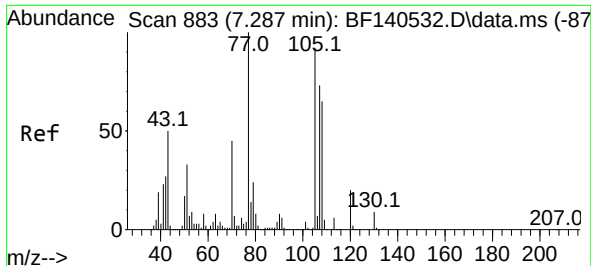
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 43.639 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

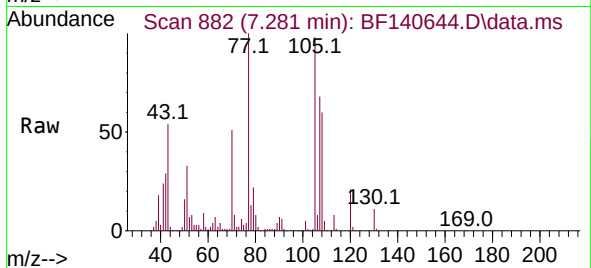
Tgt Ion:117 Resp: 61823
Ion Ratio Lower Upper
117 100
119 99.1 77.1 115.7
201 97.5 81.1 121.7





#19
n-Nitroso-di-n-propylamine
Concen: 45.644 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

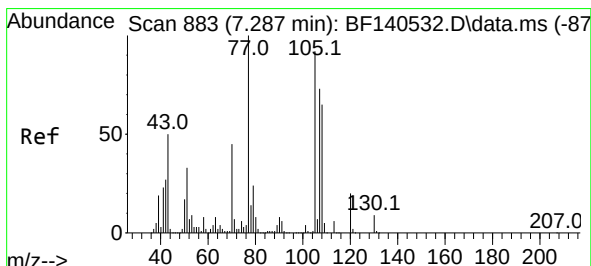
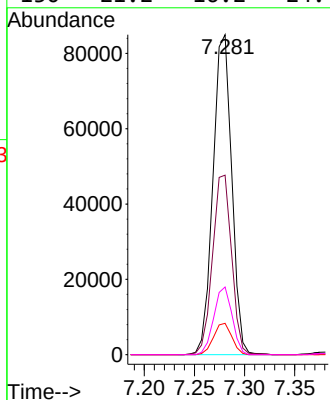
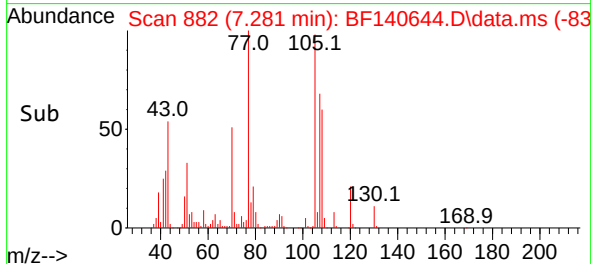
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion: 70 Resp: 11051
Ion Ratio Lower Upper
70 100
42 56.1 47.6 71.4
101 9.8 7.6 11.4
130 21.2 16.2 24.4

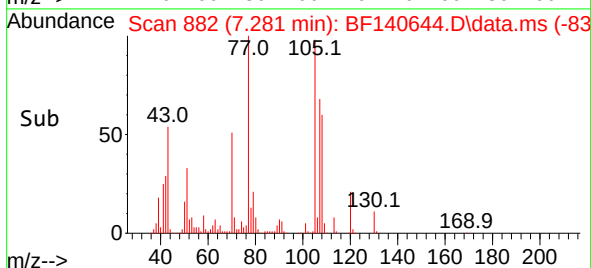
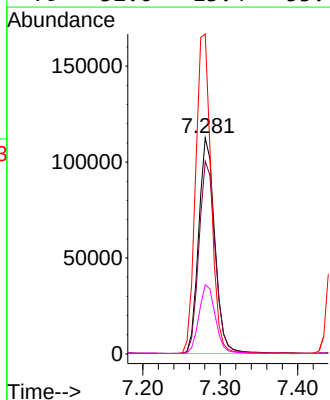
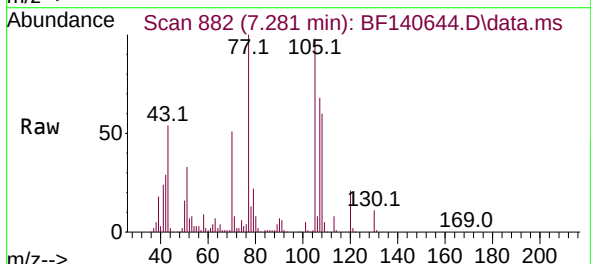
Manual Integrations
APPROVED

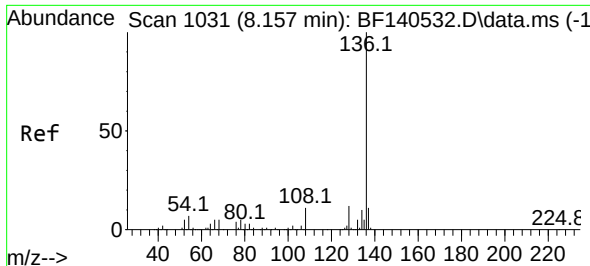
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 47.568 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:107 Resp: 163175
Ion Ratio Lower Upper
107 100
108 89.2 69.9 109.9
77 148.0 117.7 157.7
79 32.0 13.4 53.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

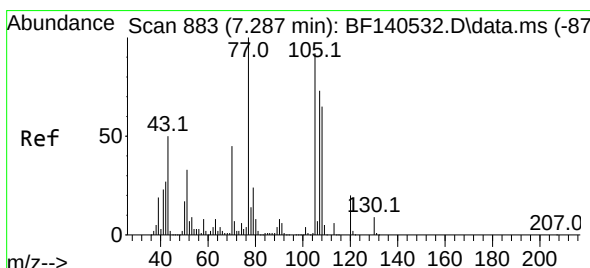
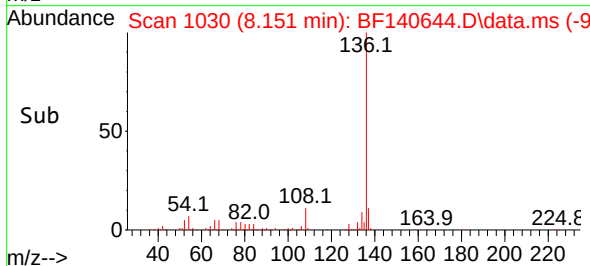
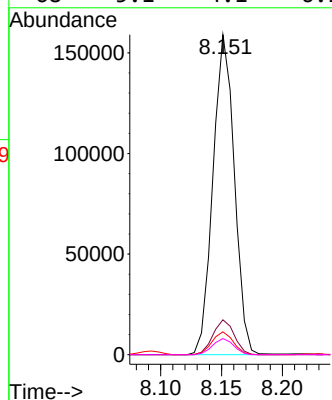
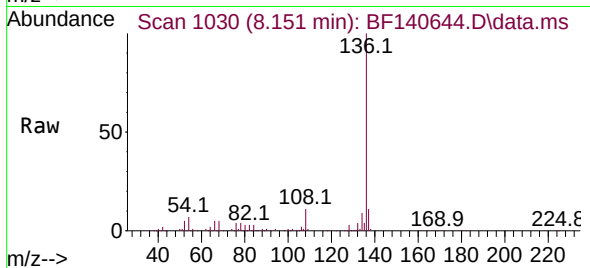
MH-756-WCMS

Tgt Ion:136 Resp: 19436
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.8 8.8
68 5.1 4.1 6.1

Manual Integrations

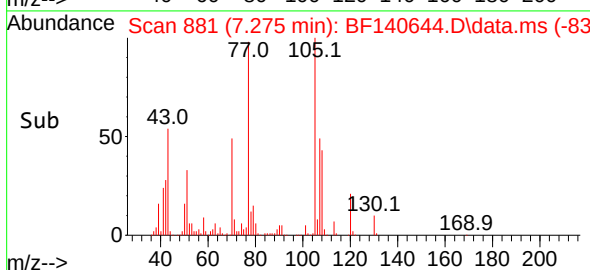
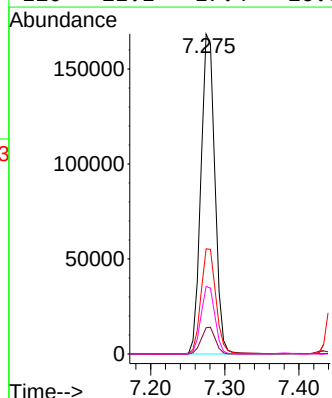
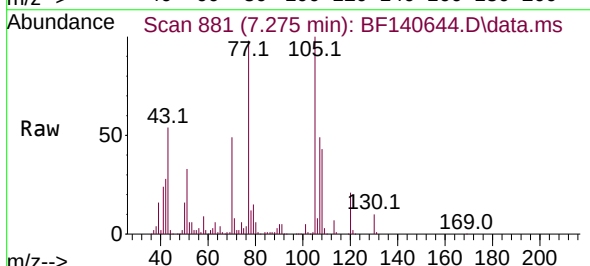
APPROVED

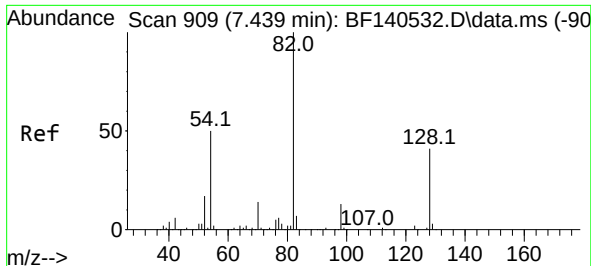
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 46.610 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:105 Resp: 220865
Ion Ratio Lower Upper
105 100
71 8.2 6.2 9.2
51 32.9 29.0 43.6
120 21.1 17.4 26.0





#23

Nitrobenzene-d5

Concen: 65.669 ng

RT: 7.433 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

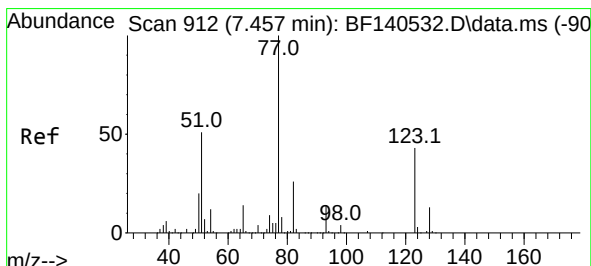
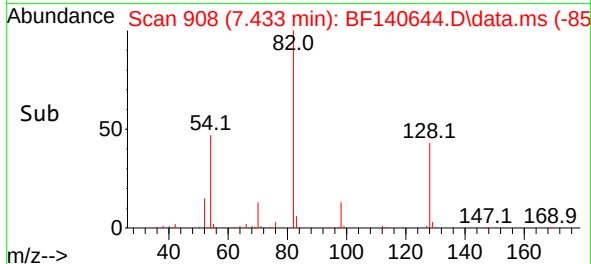
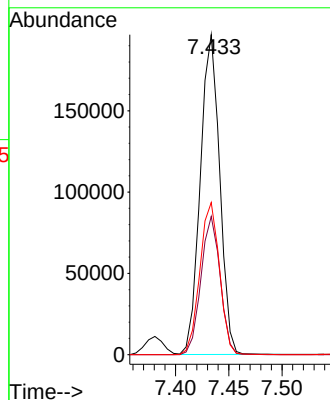
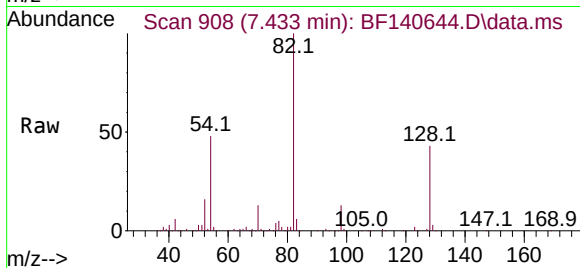
Tgt Ion: 82 Resp: 249539
 Ion Ratio Lower Upper
 82 100
 128 43.2 33.0 49.4
 54 47.6 39.5 59.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#24

Nitrobenzene

Concen: 44.078 ng

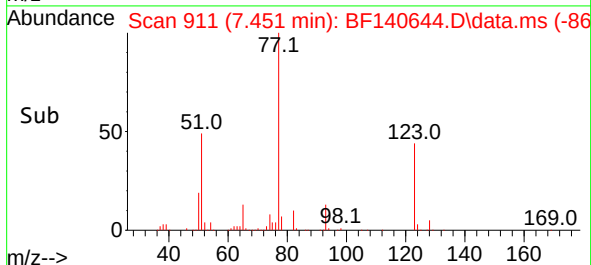
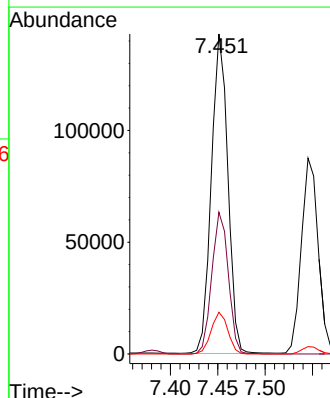
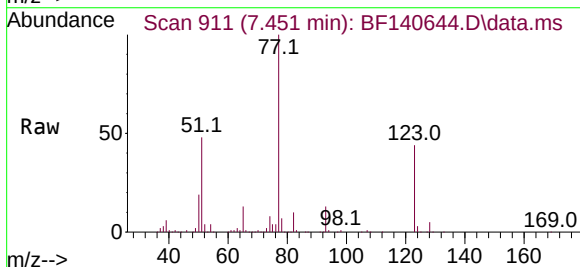
RT: 7.451 min Scan# 911

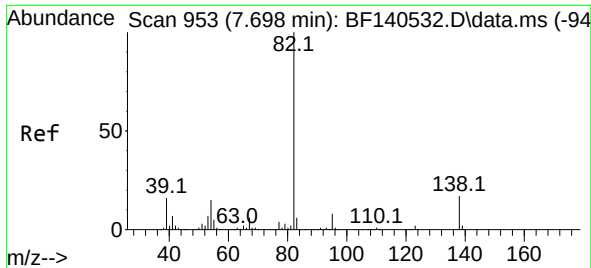
Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Tgt Ion: 77 Resp: 173110
 Ion Ratio Lower Upper
 77 100
 123 44.3 34.3 51.5
 65 13.0 11.2 16.8





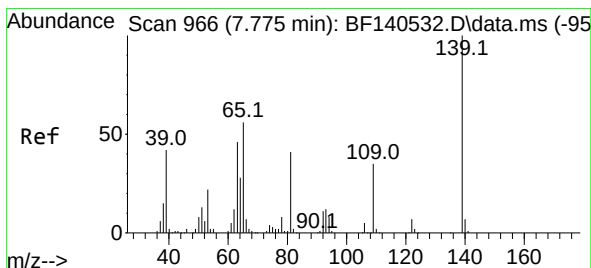
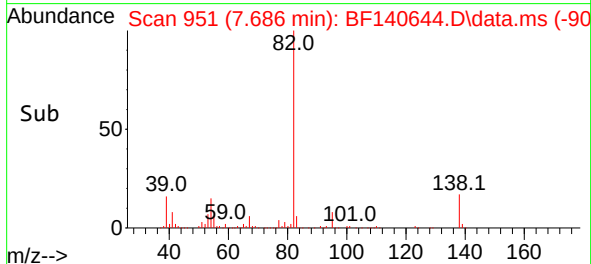
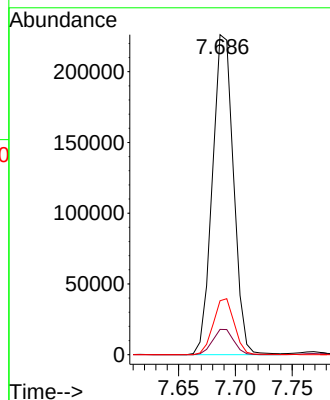
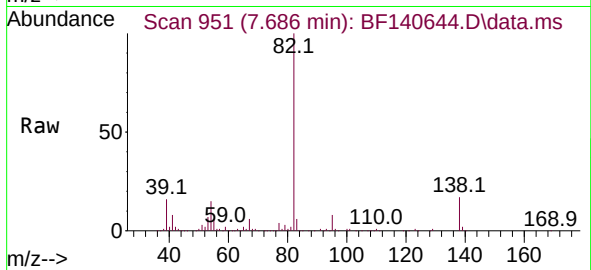
#25
Isophorone
Concen: 46.195 ng
RT: 7.686 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 82 Resp: 29278
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.9 13.8 20.6

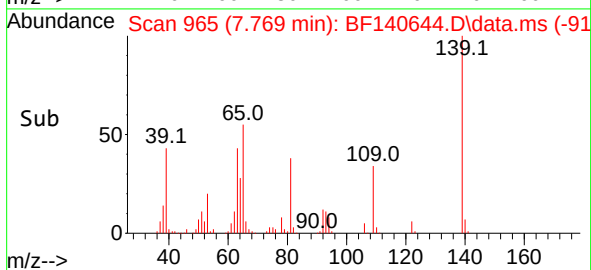
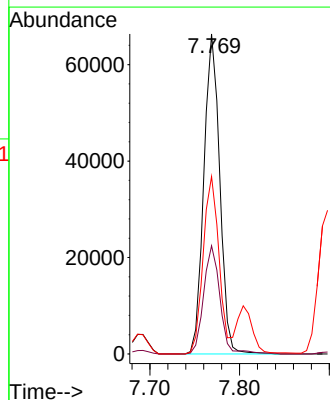
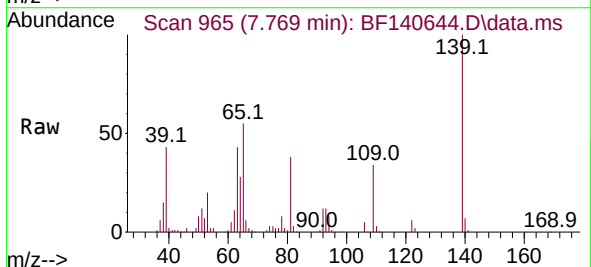
Manual Integrations
APPROVED

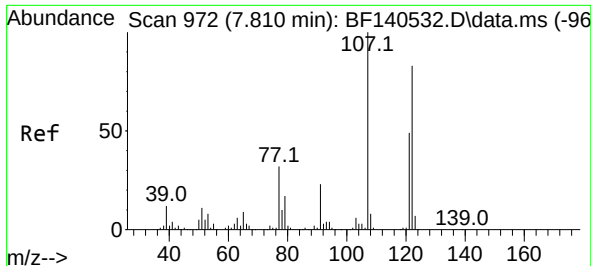
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 46.955 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

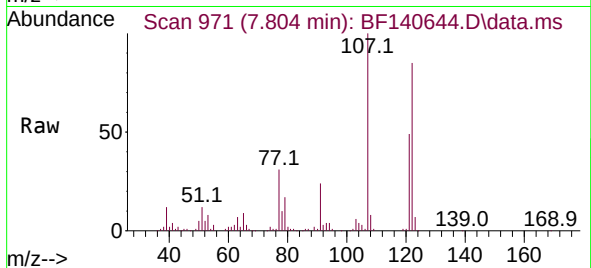
Tgt Ion:139 Resp: 81721
Ion Ratio Lower Upper
139 100
109 33.8 28.0 42.0
65 55.5 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 58.917 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

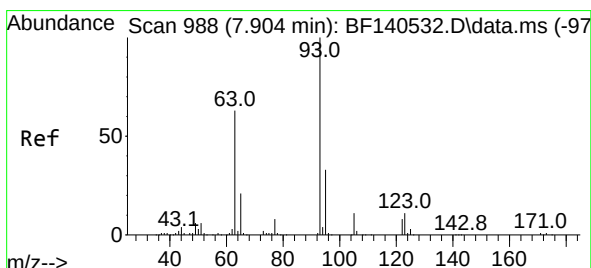
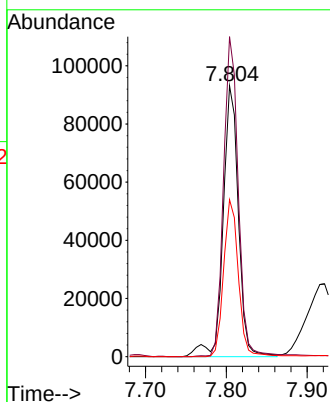
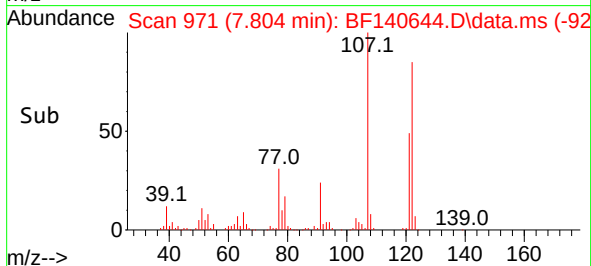
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:122 Resp: 12268
Ion Ratio Lower Upper
122 100
107 118.1 96.8 145.2
121 58.0 47.4 71.0

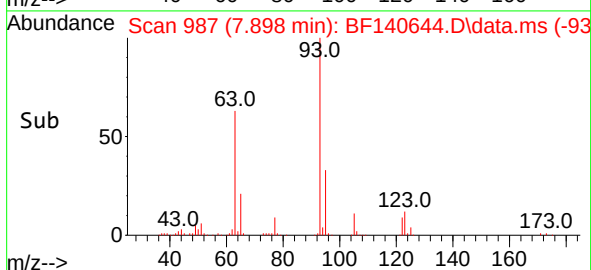
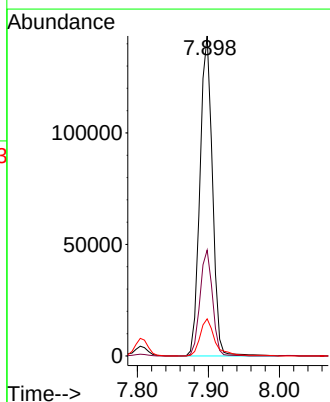
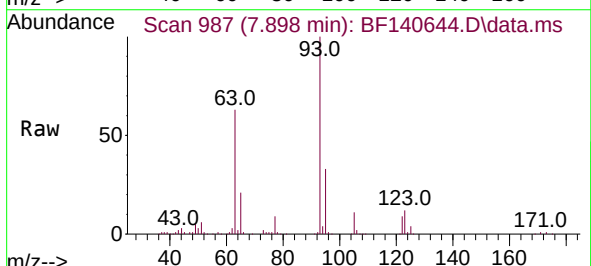
Manual Integrations
APPROVED

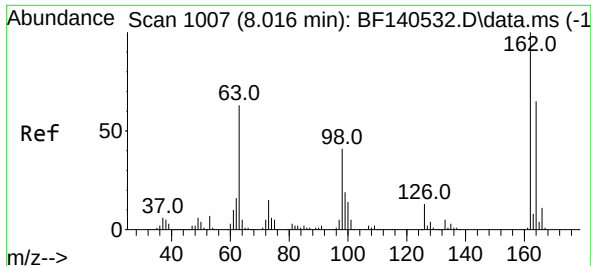
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 45.697 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion: 93 Resp: 176441
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 47.315 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

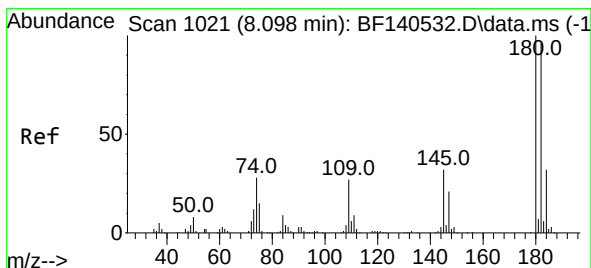
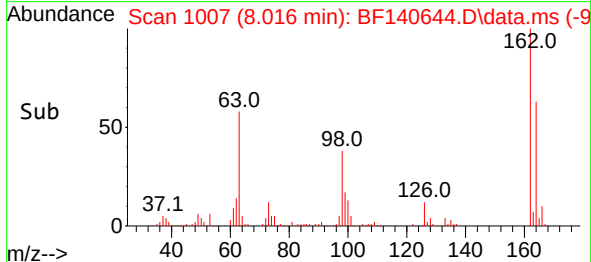
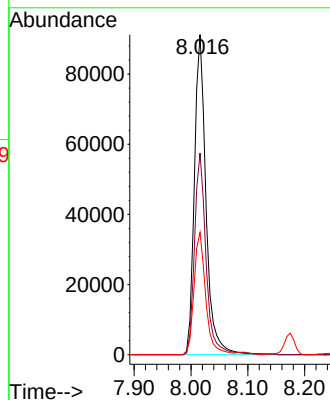
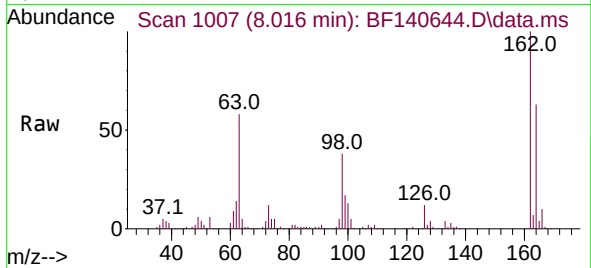
Tgt Ion:162 Resp: 130550
 Ion Ratio Lower Upper
 162 100
 164 63.0 44.8 84.8
 98 38.2 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 43.251 ng

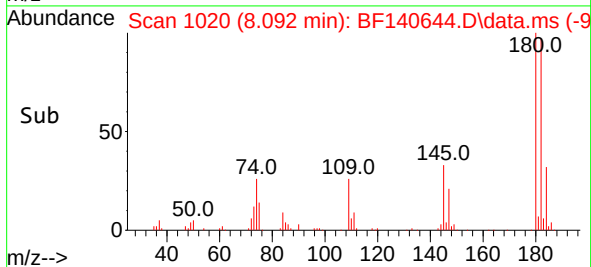
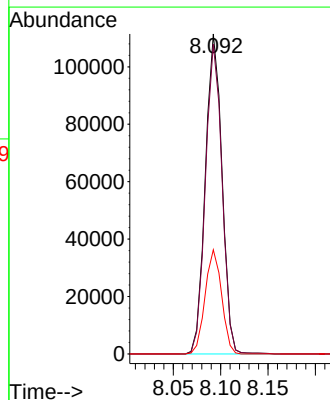
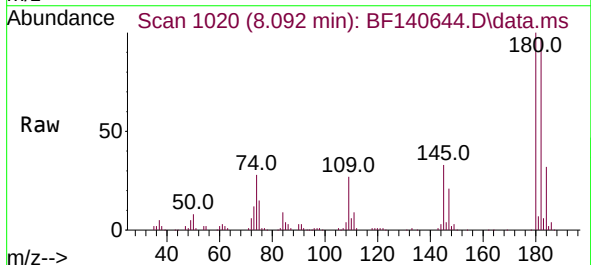
RT: 8.092 min Scan# 1020

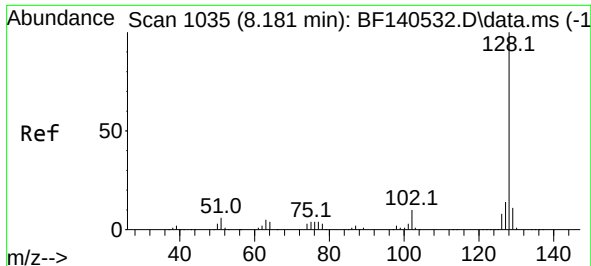
Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Tgt Ion:180 Resp: 136264
 Ion Ratio Lower Upper
 180 100
 182 96.8 76.4 114.6
 145 32.6 25.9 38.9





#31
Naphthalene
Concen: 45.476 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

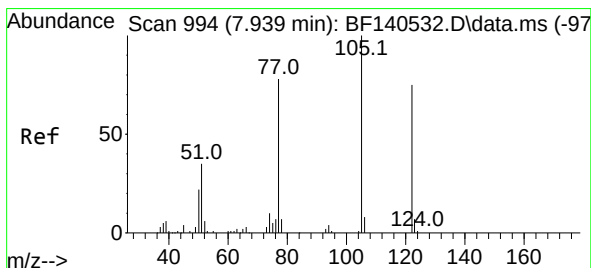
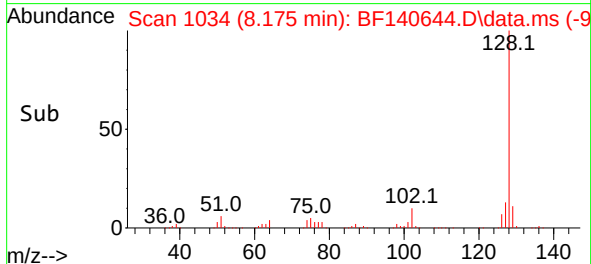
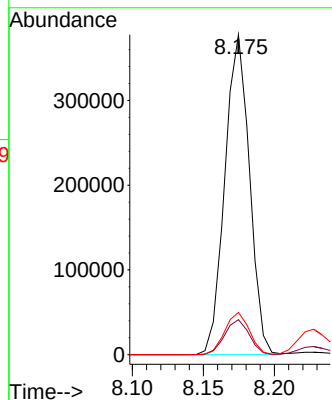
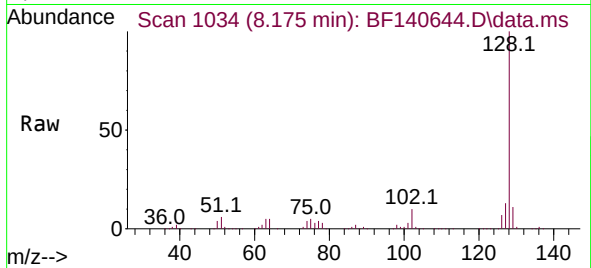
ClientSampleId :

MH-756-WCMS

Tgt Ion:128 Resp: 45528
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.2 10.8 16.2

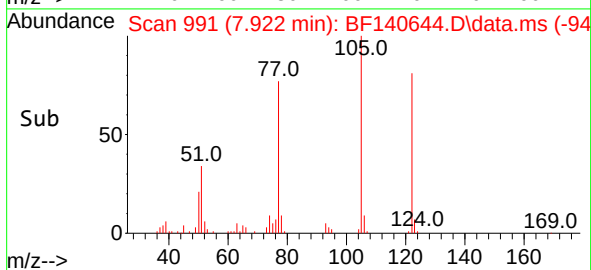
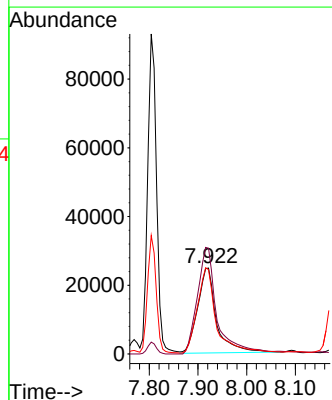
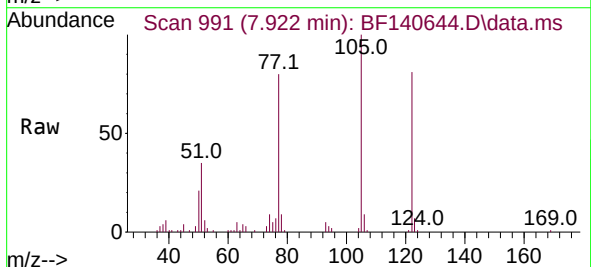
Manual Integrations
APPROVED

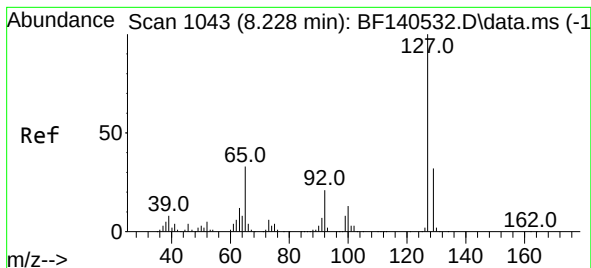
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 38.482 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.017 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:122 Resp: 66695
Ion Ratio Lower Upper
122 100
105 123.1 109.3 149.3
77 98.0 82.3 122.3





#33

4-Chloroaniline

Concen: 17.651 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

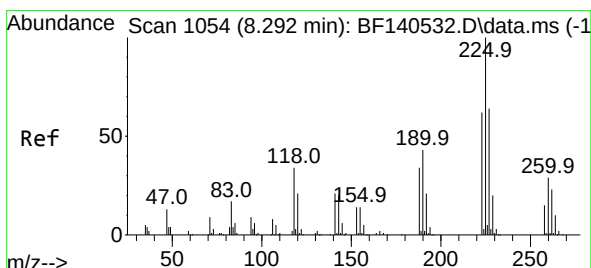
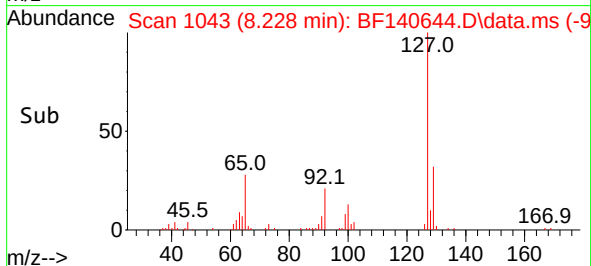
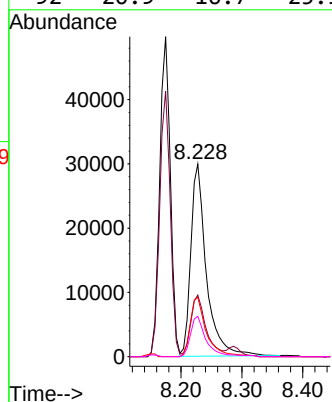
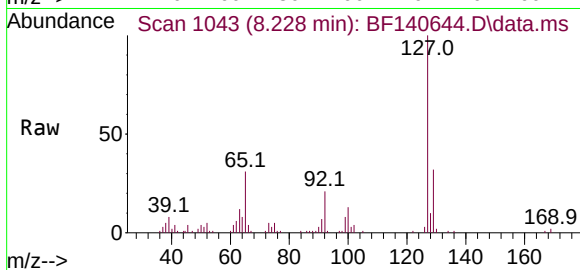
MH-756-WCMS

Tgt Ion:	127	Resp:	5291
Ion Ratio	Lower	Upper	
127	100		
129	32.0	26.0	39.0
65	30.8	26.0	39.0
92	20.9	16.7	25.1

Manual Integrations

APPROVED

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



#34

Hexachlorobutadiene

Concen: 43.457 ng

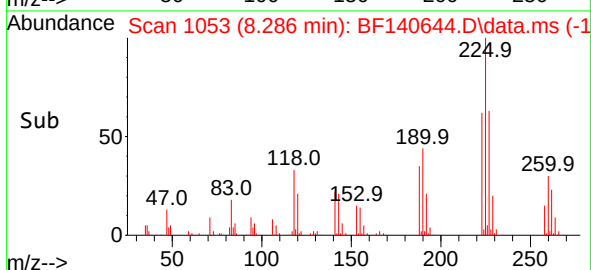
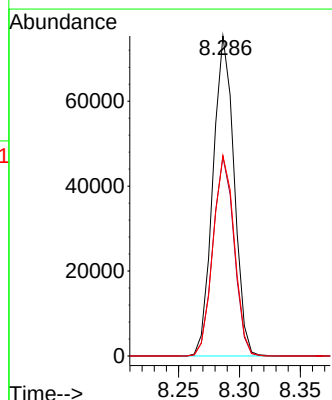
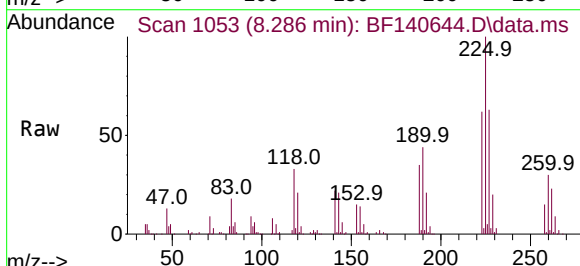
RT: 8.286 min Scan# 1053

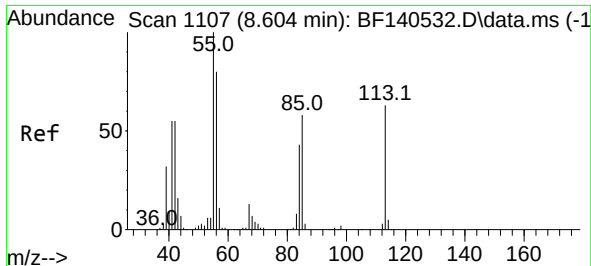
Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

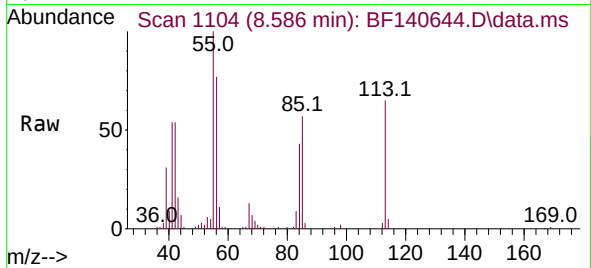
Tgt Ion:	225	Resp:	90685
Ion Ratio	Lower	Upper	
225	100		
223	62.3	49.8	74.8
227	62.6	51.3	76.9





#35
Caprolactam
Concen: 48.788 ng
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

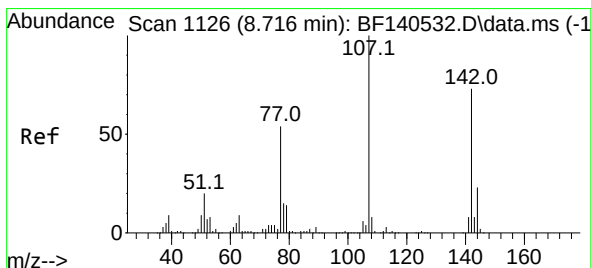
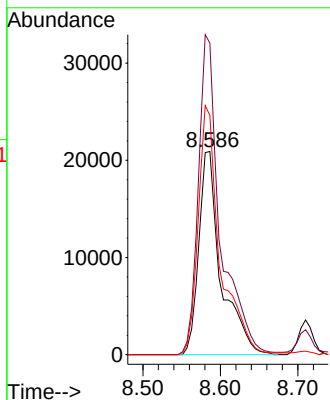
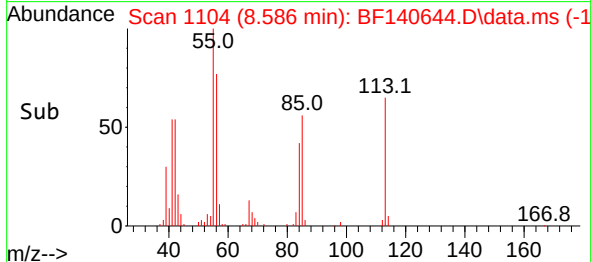
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:113 Resp: 4166
Ion Ratio Lower Upper
113 100
55 153.4 137.7 177.7
56 117.8 106.4 146.4

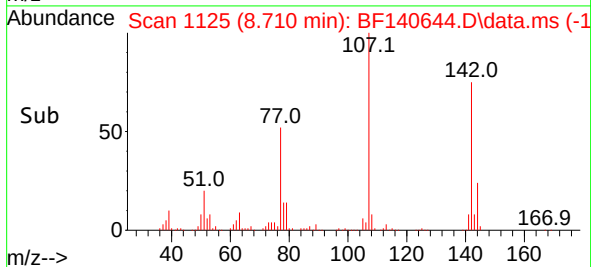
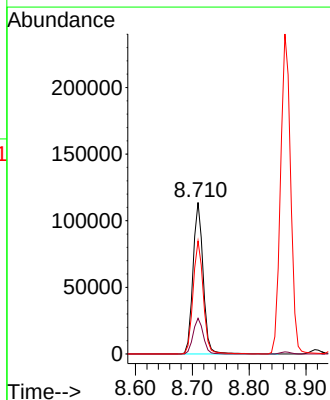
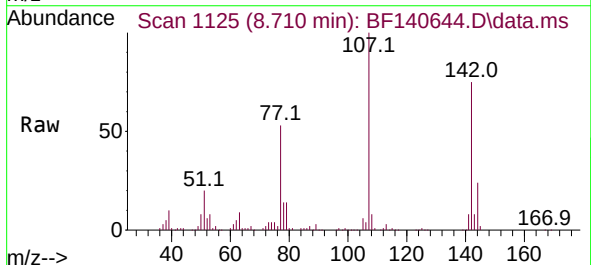
Manual Integrations
APPROVED

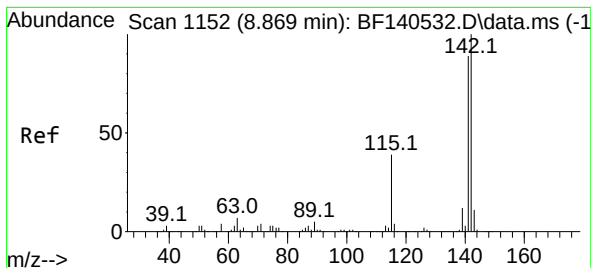
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 46.050 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:107 Resp: 142266
Ion Ratio Lower Upper
107 100
144 23.6 18.7 28.1
142 74.5 58.3 87.5





#37

2-Methylnaphthalene

Concen: 46.764 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:142 Resp: 297370

Ion Ratio Lower Upper

142 100

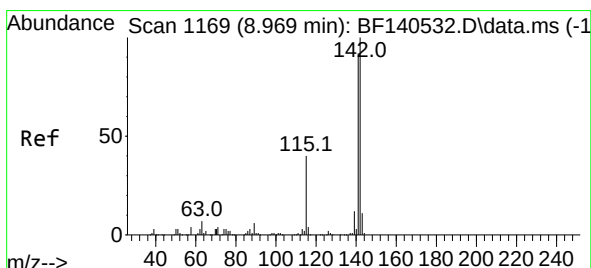
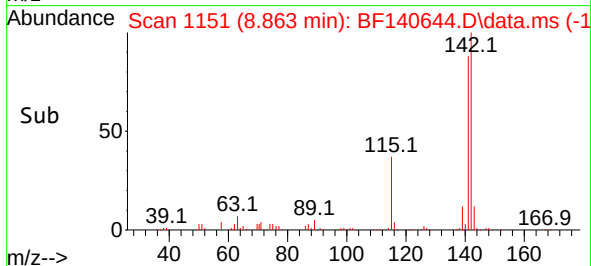
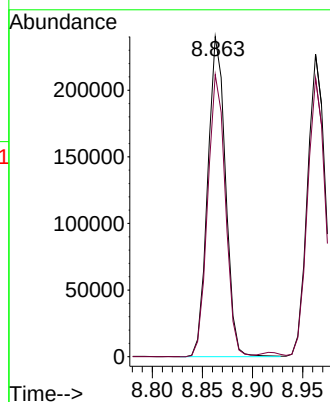
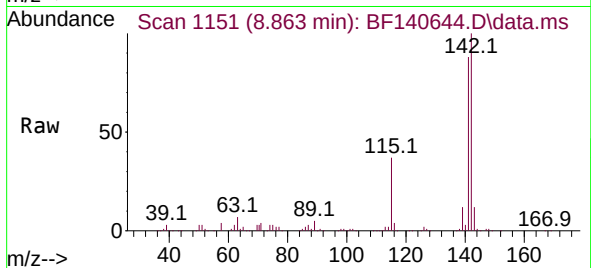
141 88.1 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#38

1-Methylnaphthalene

Concen: 44.287 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140644.D

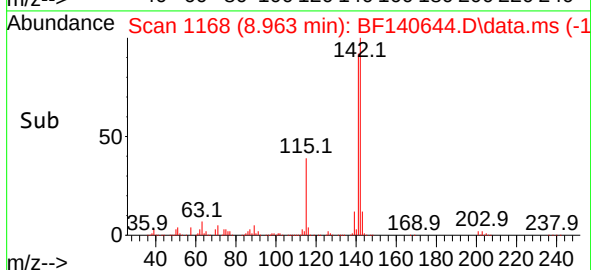
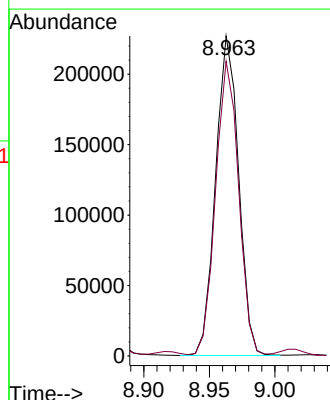
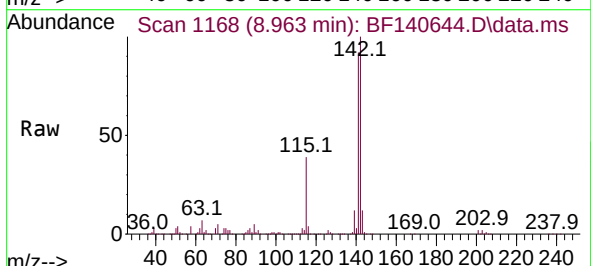
Acq: 26 Nov 2024 16:14

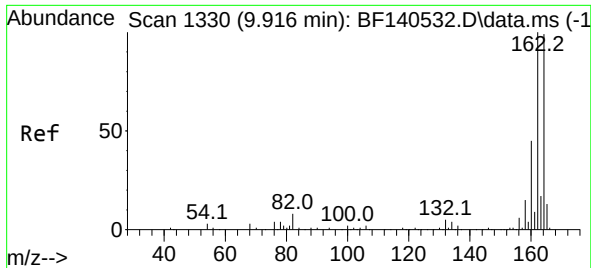
Tgt Ion:142 Resp: 276044

Ion Ratio Lower Upper

142 100

141 92.1 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:164 Resp: 10220

Ion Ratio Lower Upper

164 100

162 99.9 80.6 120.8

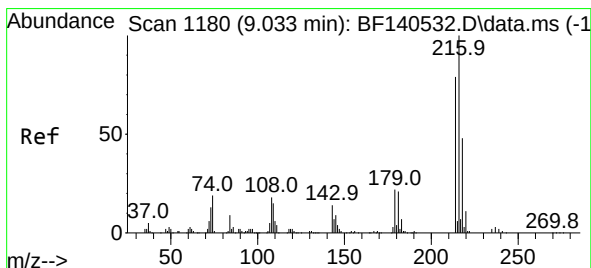
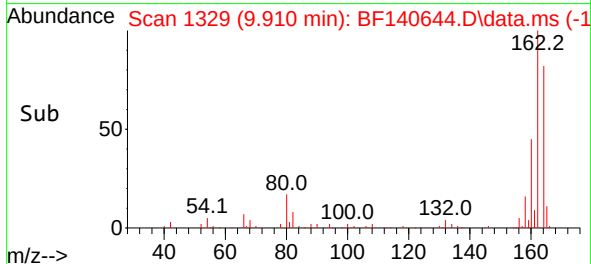
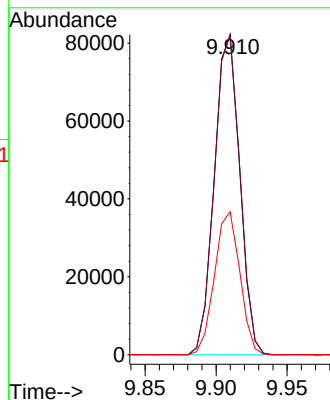
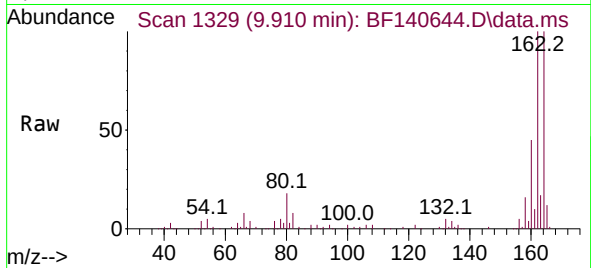
160 44.7 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.041 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Tgt Ion:216 Resp: 143738

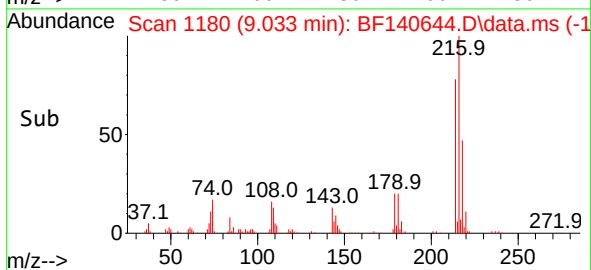
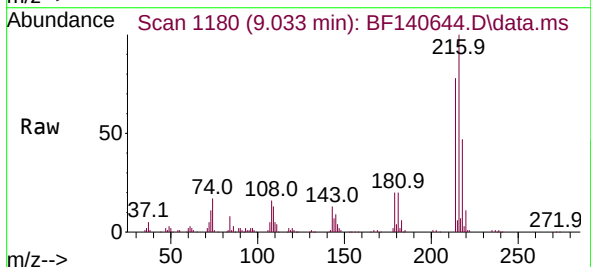
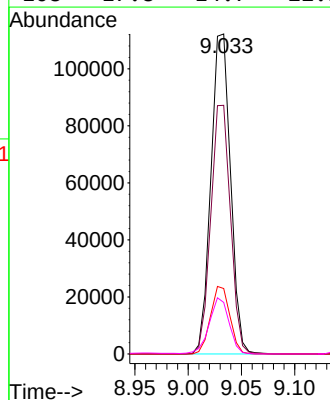
Ion Ratio Lower Upper

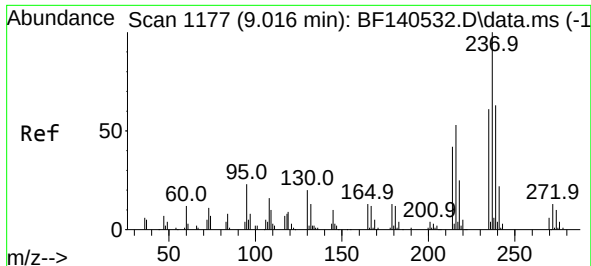
216 100

214 77.8 63.0 94.4

179 20.8 17.5 26.3

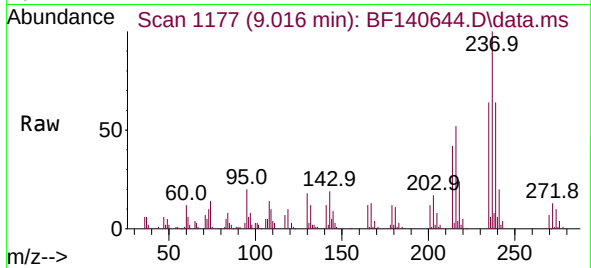
108 17.8 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 71.652 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

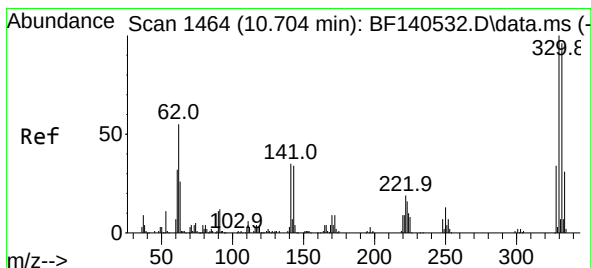
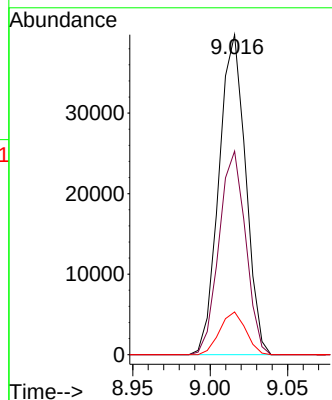
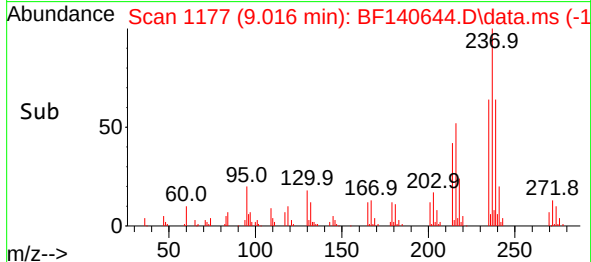
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



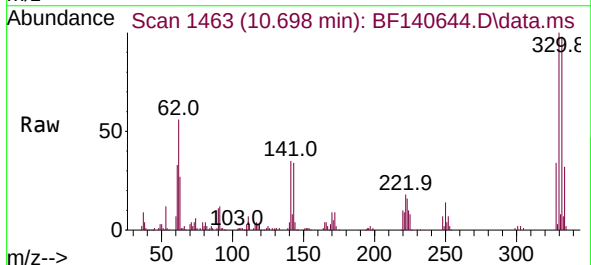
Tgt Ion:237 Resp: 47629
Ion Ratio Lower Upper
237 100
235 63.6 41.1 81.1
272 13.3 0.0 32.6

Manual Integrations
APPROVED

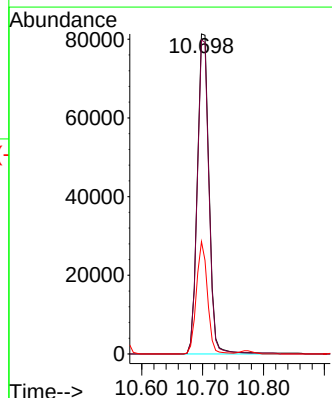
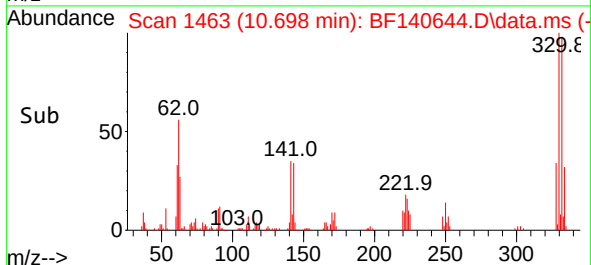
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

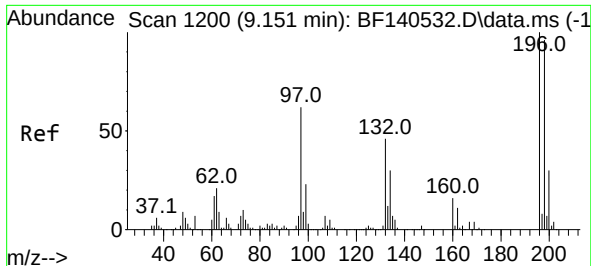


#42
2,4,6-Tribromophenol
Concen: 99.525 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14



Tgt Ion:330 Resp: 108787
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 33.1 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 48.862 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

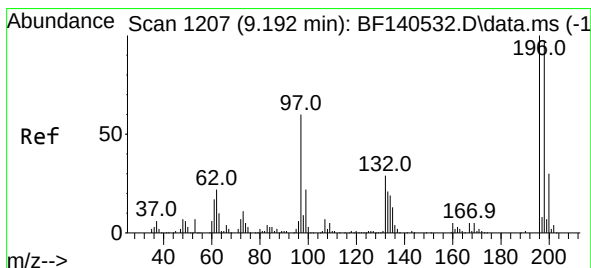
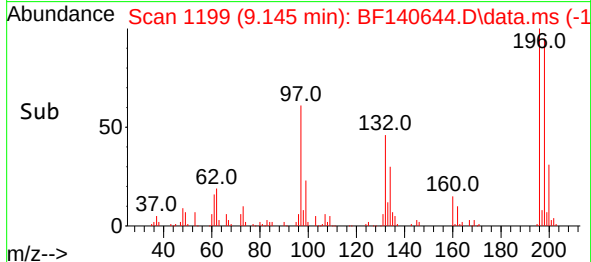
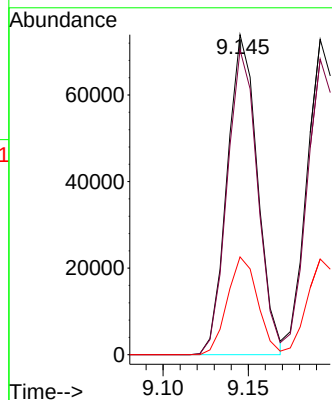
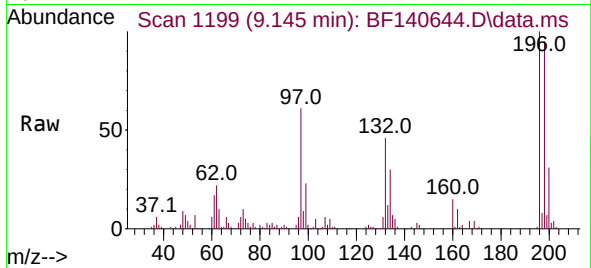
Tgt Ion:196 Resp: 91734
 Ion Ratio Lower Upper
 196 100
 198 95.3 76.8 115.2
 200 30.5 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 48.578 ng

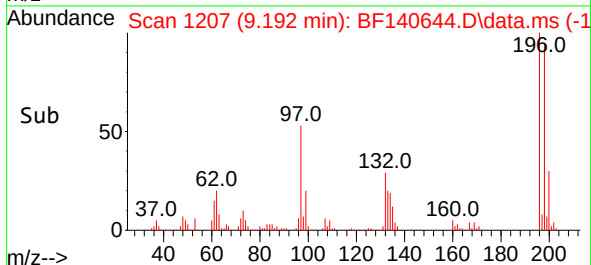
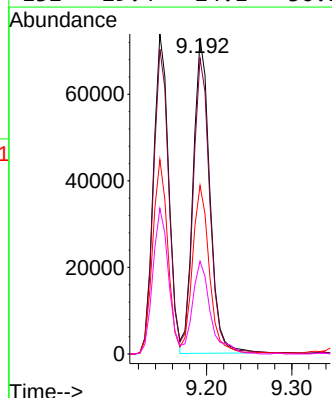
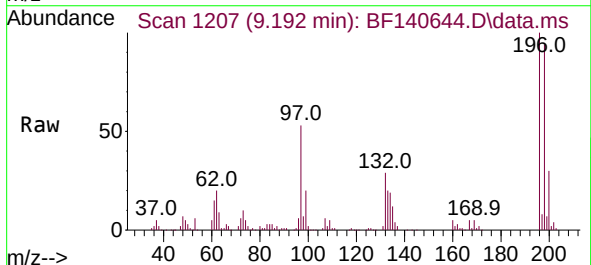
RT: 9.192 min Scan# 1207

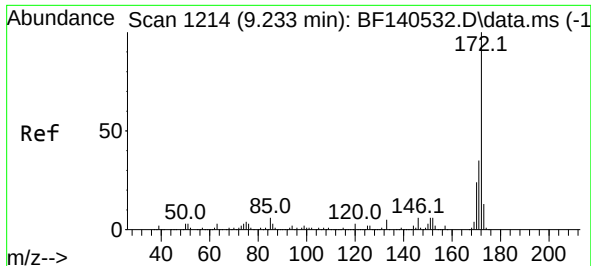
Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

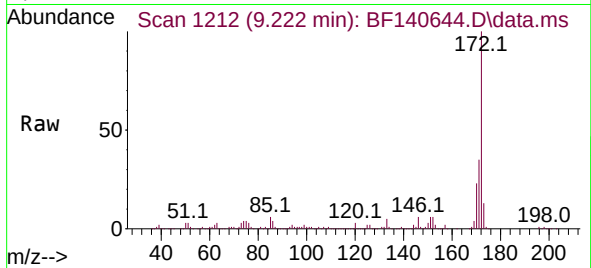
Tgt Ion:196 Resp: 98979
 Ion Ratio Lower Upper
 196 100
 198 93.8 77.2 115.8
 97 53.4 47.1 70.7
 132 29.4 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 66.514 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

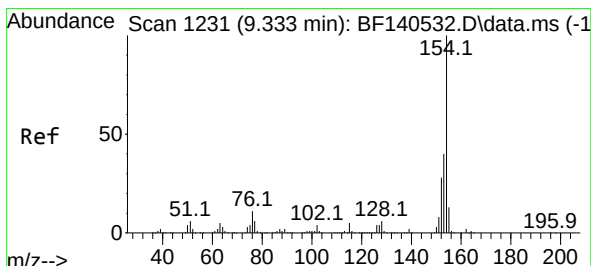
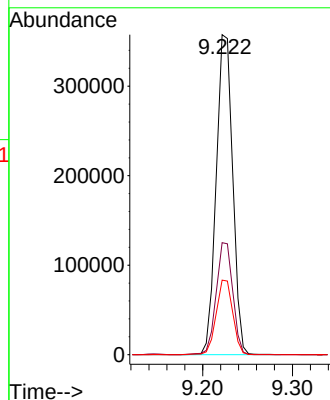
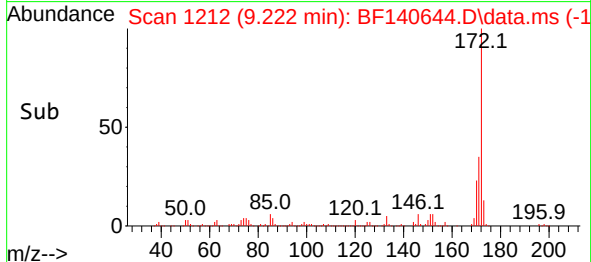
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



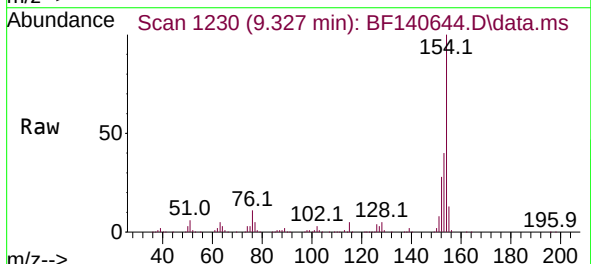
Tgt Ion:172 Resp: 456248
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.3 19.0 28.6

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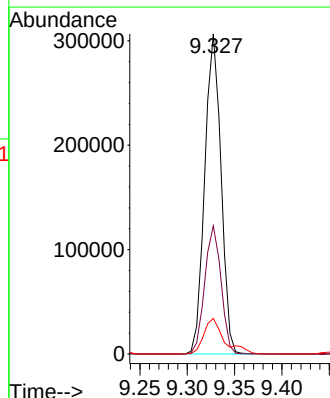
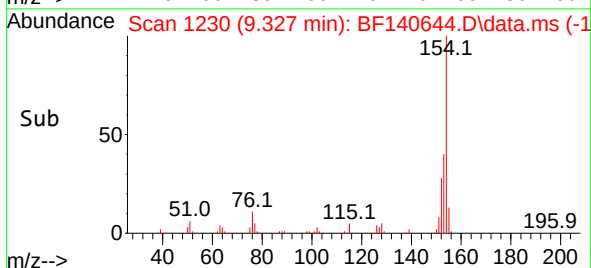
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

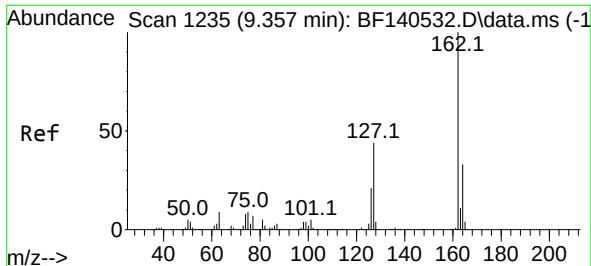


#46
1,1'-Biphenyl
Concen: 47.939 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14



Tgt Ion:154 Resp: 365797
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 11.1 0.0 31.2





#47
2-Chloronaphthalene
Concen: 47.274 ng
RT: 9.351 min Scan# 1235
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

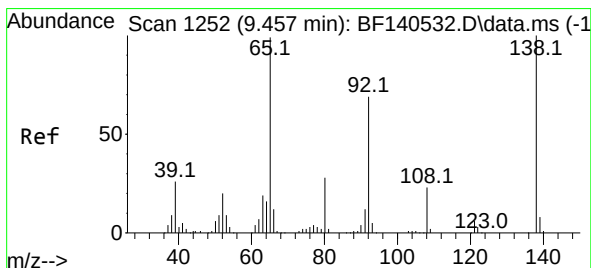
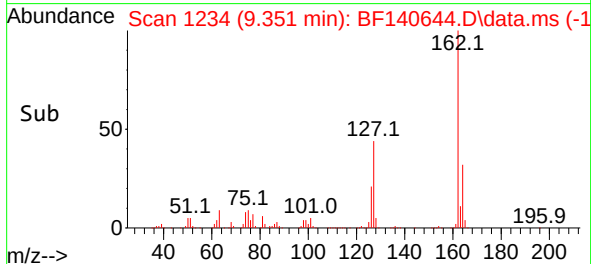
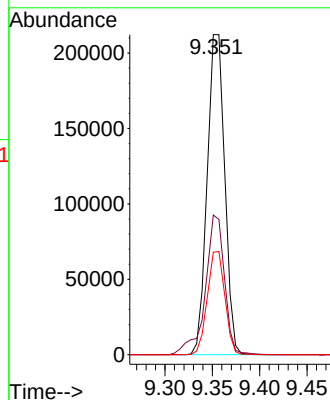
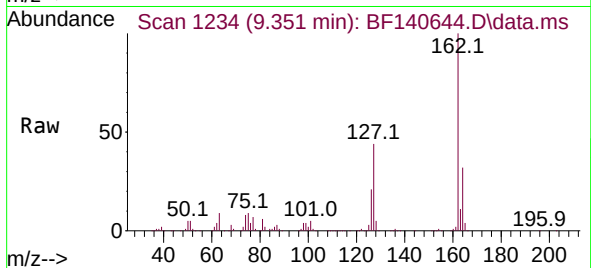
Tgt Ion:162 Resp: 273329
Ion Ratio Lower Upper
162 100
127 43.6 35.7 53.5
164 32.0 26.1 39.1

Manual Integrations

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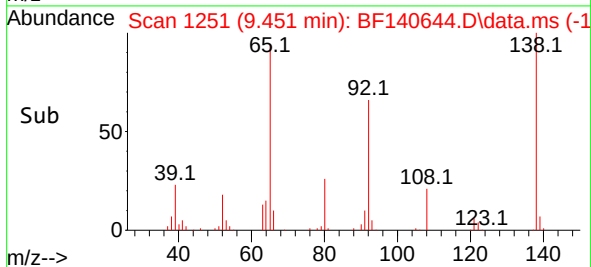
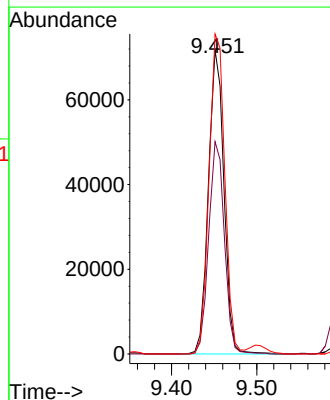
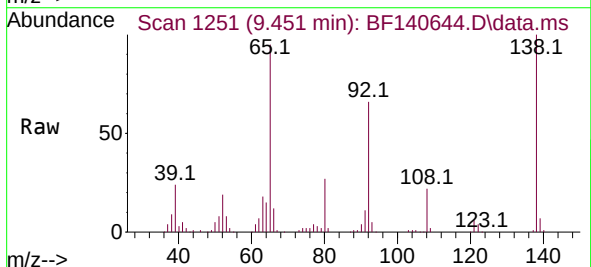
Reviewed By :Yogesh Patel 11/27/2024

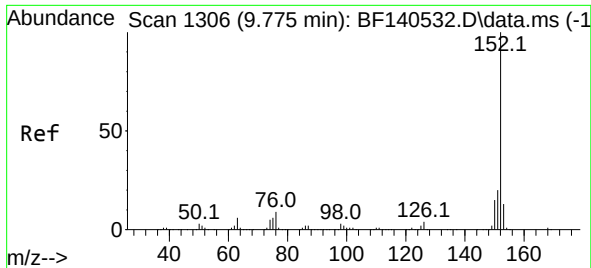
Supervised By :mohammad ahmed 11/27/2024



#48
2-Nitroaniline
Concen: 48.963 ng
RT: 9.451 min Scan# 1251
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion: 65 Resp: 90867
Ion Ratio Lower Upper
65 100
92 69.9 56.1 84.1
138 105.3 81.0 121.6





#49

Acenaphthylene

Concen: 51.611 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

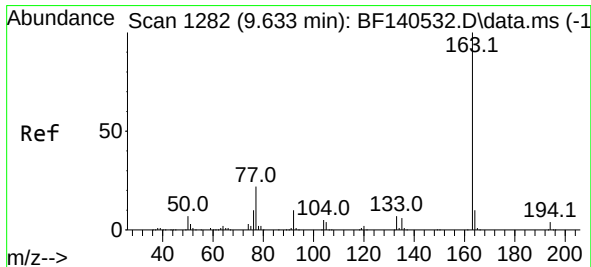
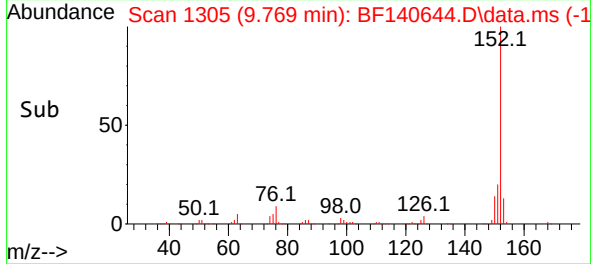
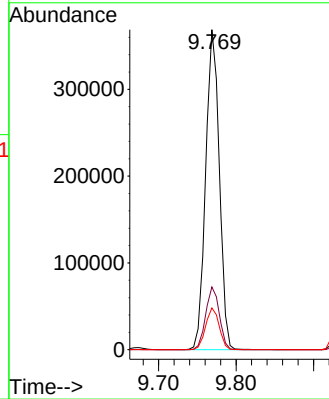
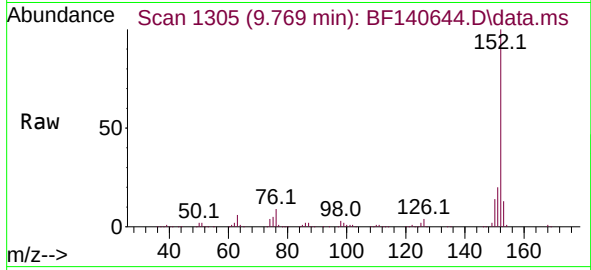
Tgt Ion:152	Resp: 450864
Ion Ratio	Lower Upper
152	100
151	19.6 15.9 23.9
153	13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#50

Dimethylphthalate

Concen: 48.685 ng

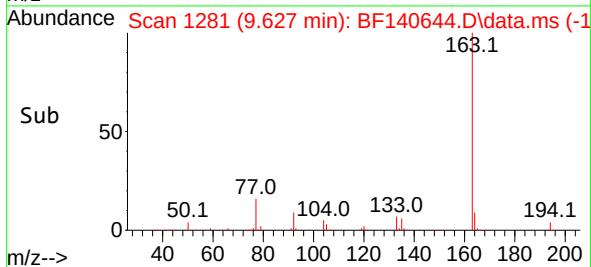
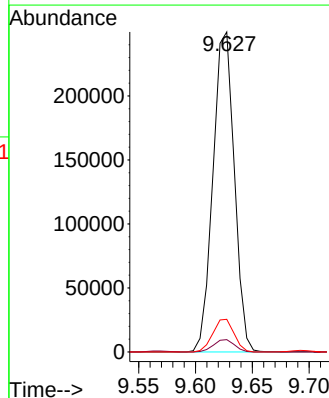
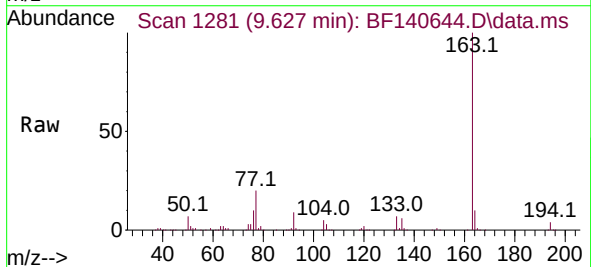
RT: 9.627 min Scan# 1281

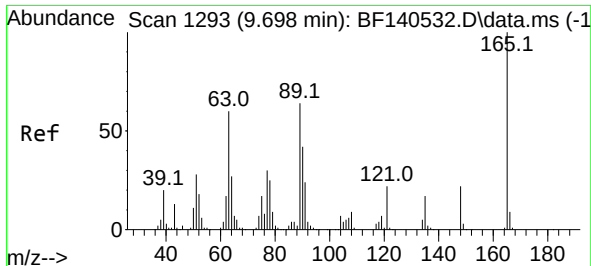
Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Tgt Ion:163	Resp: 327695
Ion Ratio	Lower Upper
163	100
194	3.9 3.1 4.7
164	10.2 8.2 12.2





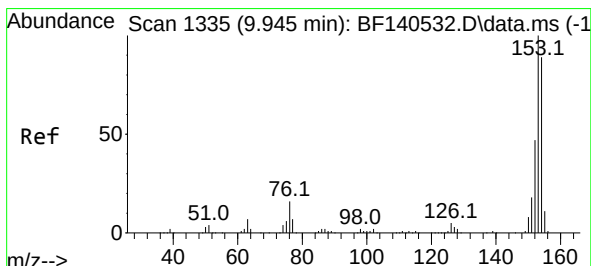
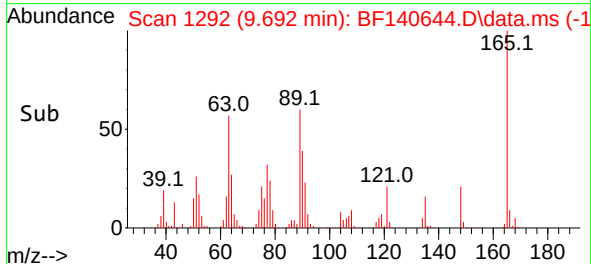
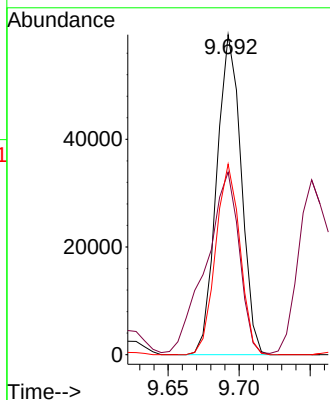
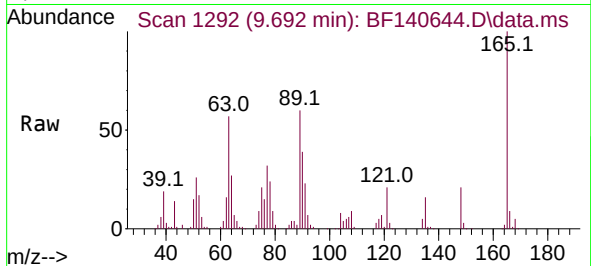
#51
2,6-Dinitrotoluene
Concen: 46.682 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:165 Resp: 71262
Ion Ratio Lower Upper
165 100
63 57.0 49.9 74.9
89 59.6 50.9 76.3

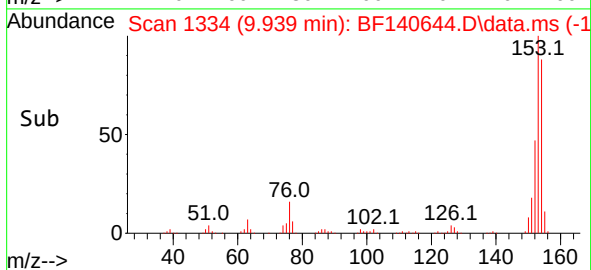
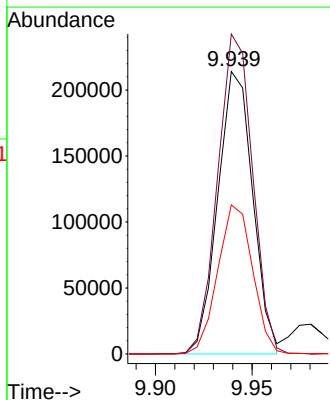
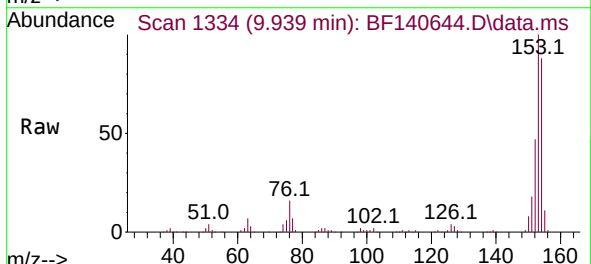
Manual Integrations
APPROVED

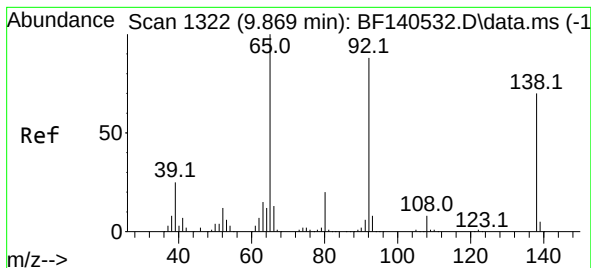
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 48.573 ng m
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:154 Resp: 269616
Ion Ratio Lower Upper
154 100
153 113.2 89.7 134.5
152 52.8 42.5 63.7





#53
3-Nitroaniline
Concen: 31.233 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

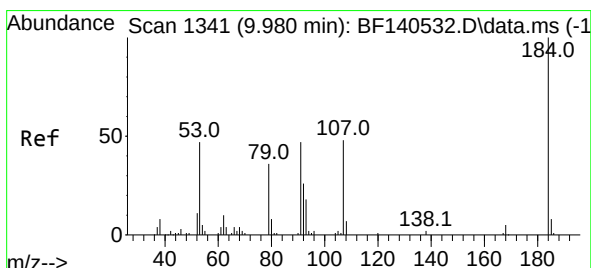
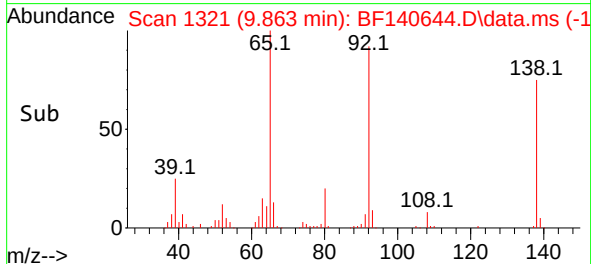
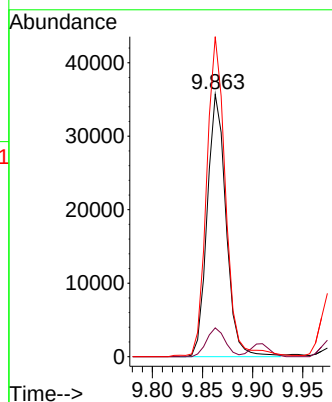
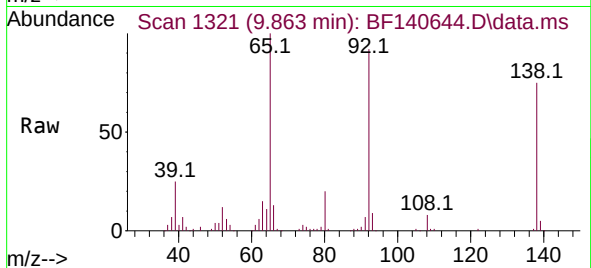
MH-756-WCMS

Tgt Ion:138 Resp: 4663
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 122.0 100.6 150.8

Manual Integrations

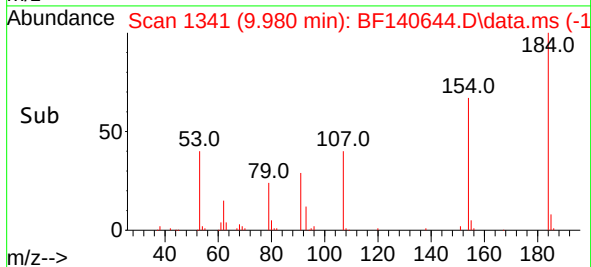
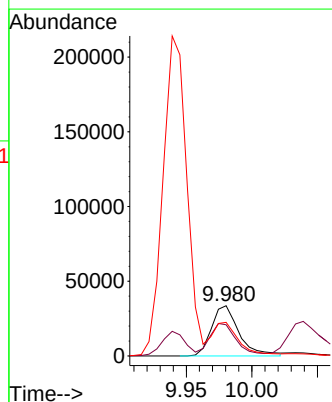
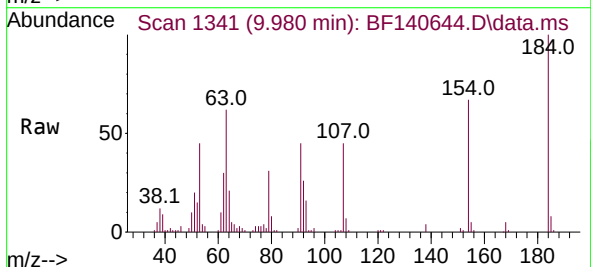
APPROVED

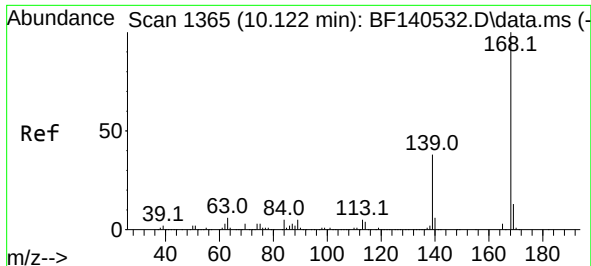
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 63.893 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

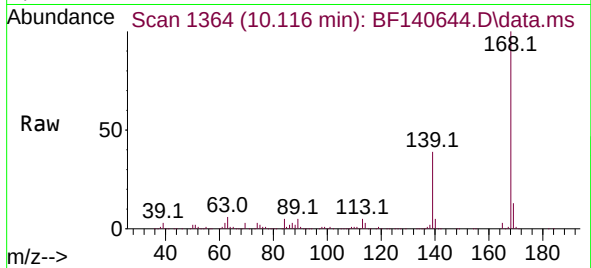
Tgt Ion:184 Resp: 49134
Ion Ratio Lower Upper
184 100
63 62.1 54.1 81.1
154 67.0 57.4 86.0





#55
Dibenzenofuran
Concen: 49.006 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

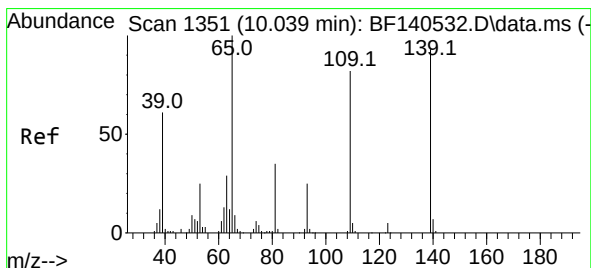
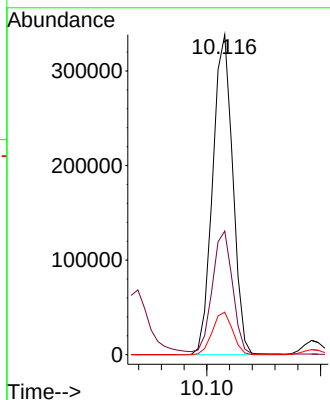
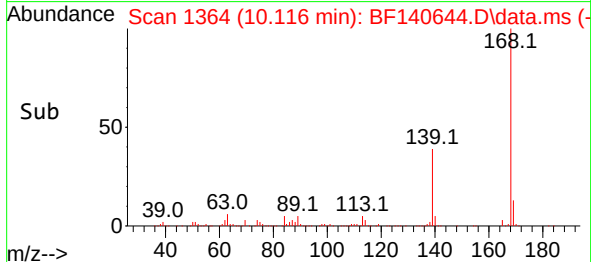
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:168 Resp: 414915
Ion Ratio Lower Upper
168 100
139 38.6 31.3 46.9
169 13.3 10.5 15.7

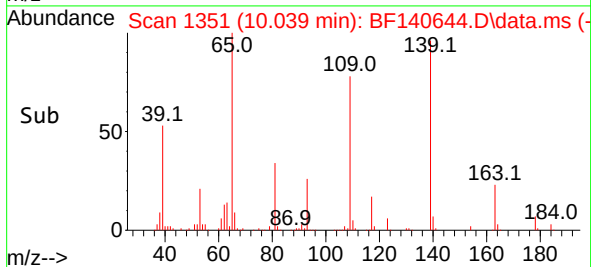
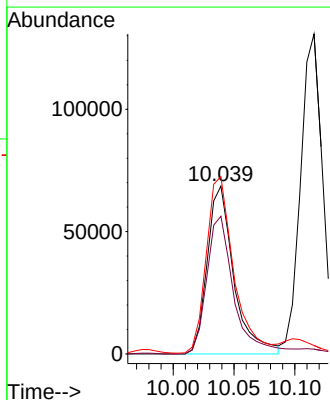
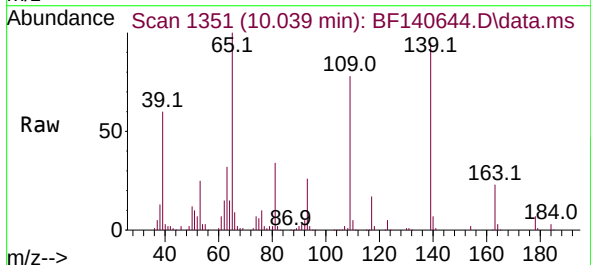
Manual Integrations
APPROVED

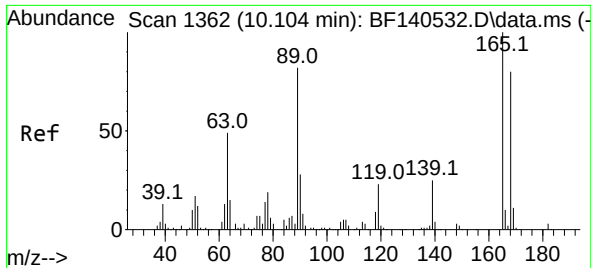
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 102.385 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:139 Resp: 104253
Ion Ratio Lower Upper
139 100
109 82.1 68.4 108.4
65 105.6 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 48.664 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

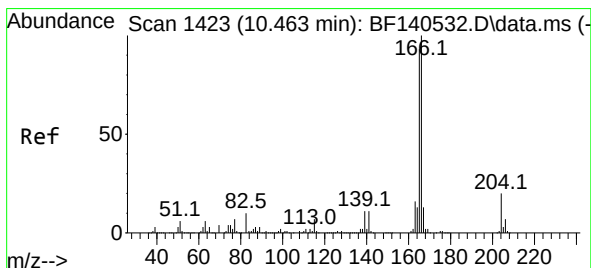
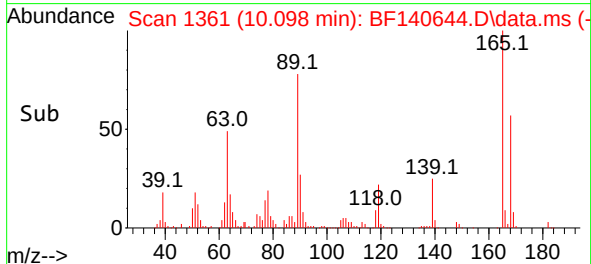
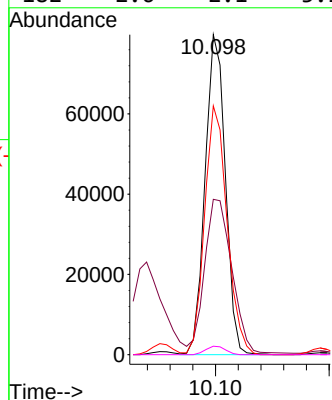
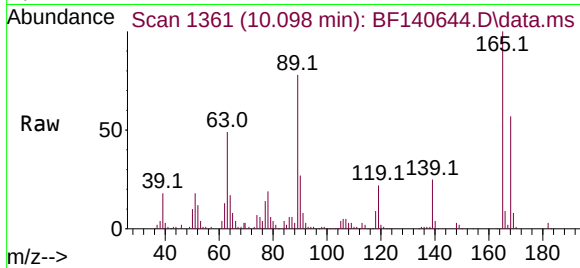
Tgt Ion:165 Resp: 9873
Ion Ratio Lower Upper
165 100
63 48.6 41.7 62.5
89 77.7 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations

APPROVED

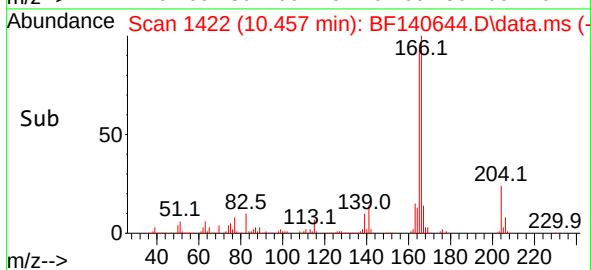
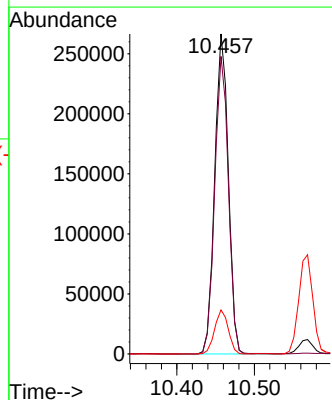
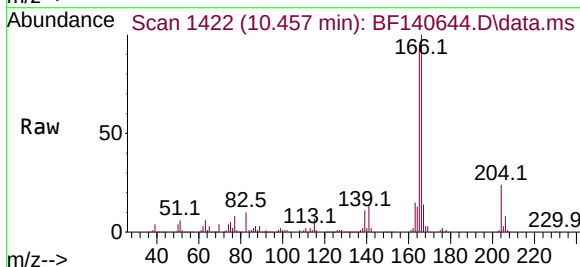
Reviewed By :Yogesh Patel 11/27/2024

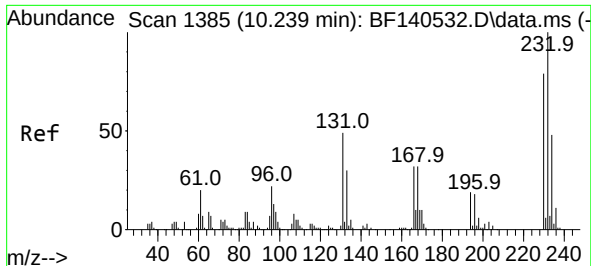
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 47.831 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

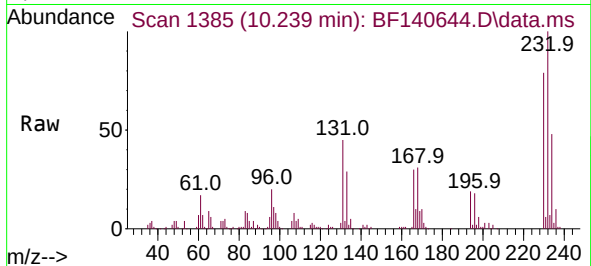
Tgt Ion:166 Resp: 325055
Ion Ratio Lower Upper
166 100
165 93.0 74.6 111.8
167 13.7 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.633 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

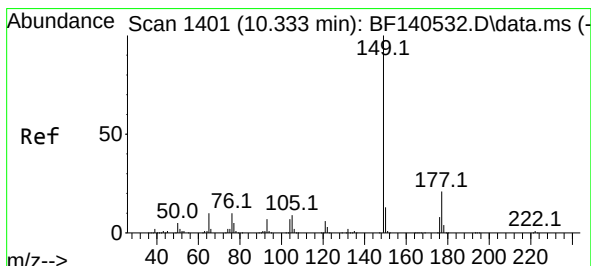
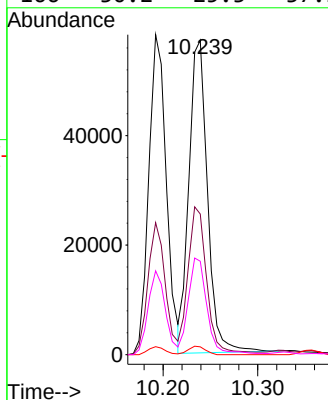
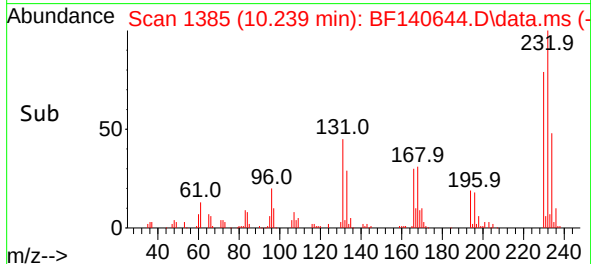
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:232 Resp: 7772
Ion Ratio Lower Upper
232 100
131 46.0 39.6 59.4
130 2.5 1.9 2.9
166 30.2 25.3 37.9

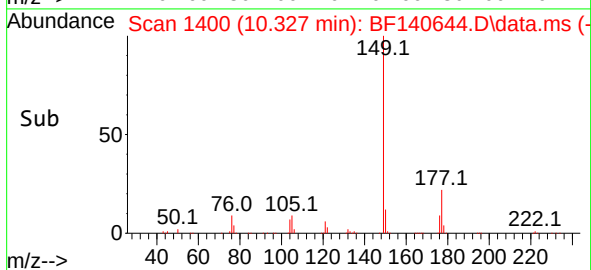
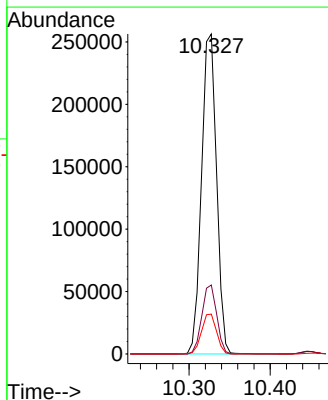
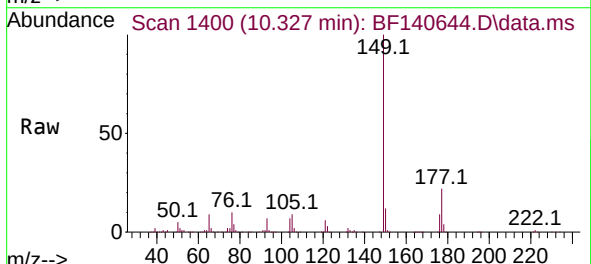
Manual Integrations
APPROVED

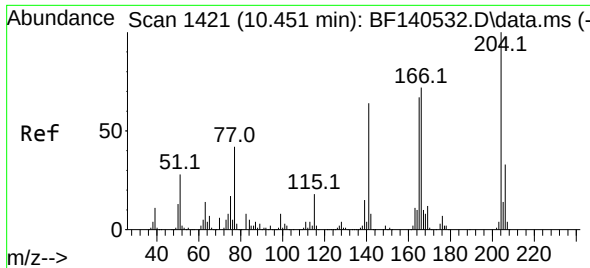
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 48.059 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

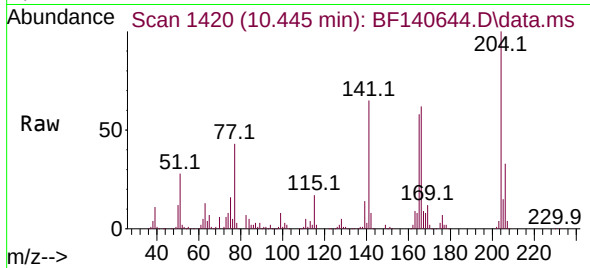
Tgt Ion:149 Resp: 328664
Ion Ratio Lower Upper
149 100
177 21.6 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 46.969 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

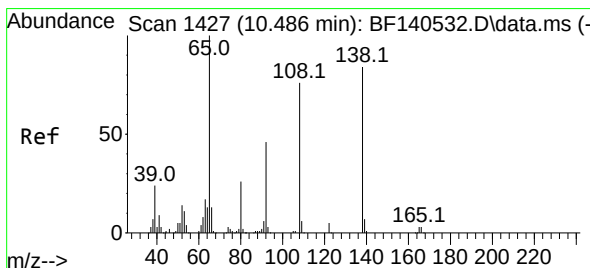
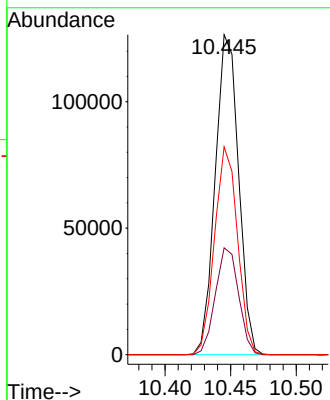
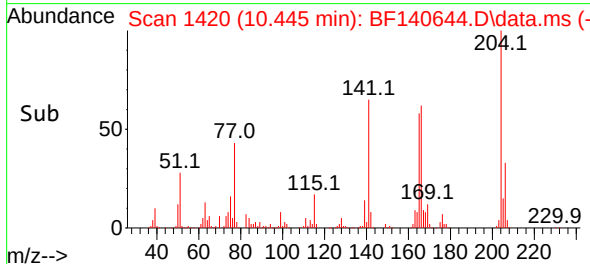
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:204 Resp: 156648
Ion Ratio Lower Upper
204 100
206 33.4 26.6 40.0
141 64.9 51.1 76.7

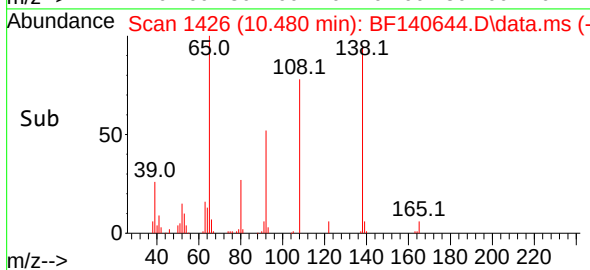
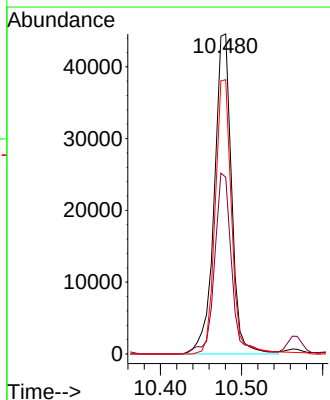
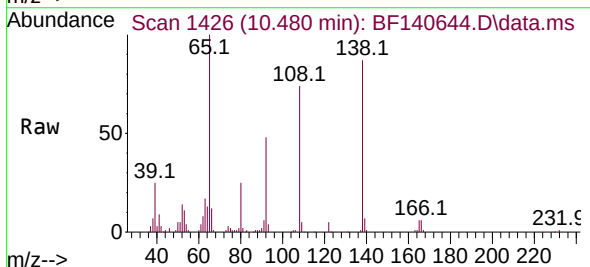
Manual Integrations
APPROVED

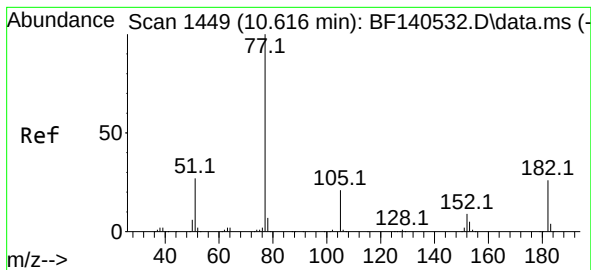
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 42.285 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:138 Resp: 66215
Ion Ratio Lower Upper
138 100
92 55.3 34.5 74.5
108 85.7 70.6 110.6





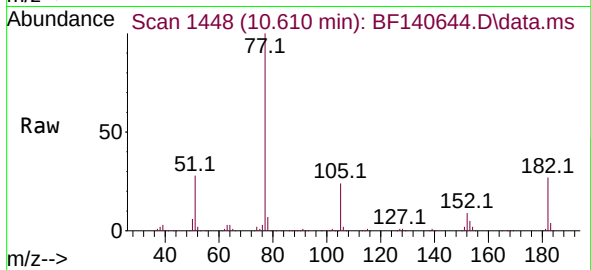
#63
Azobenzene
Concen: 52.228 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



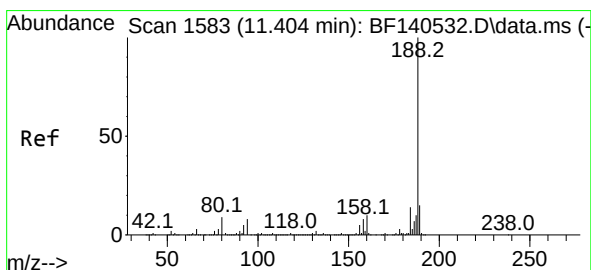
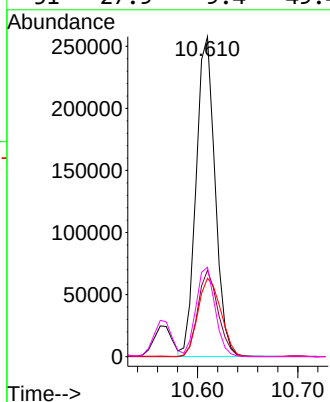
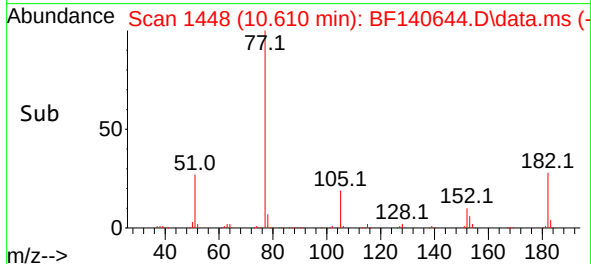
Tgt Ion: 77 Resp: 338240
Ion Ratio Lower Upper
77 100
182 27.0 5.3 45.3
105 24.5 0.3 40.3
51 27.9 9.4 49.4

Manual Integrations

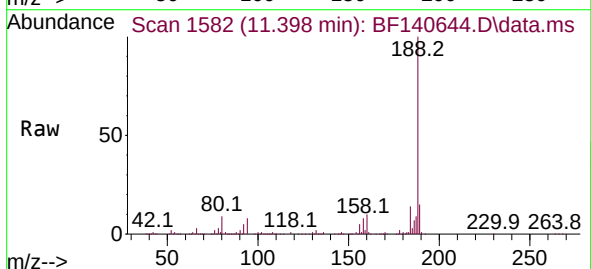
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

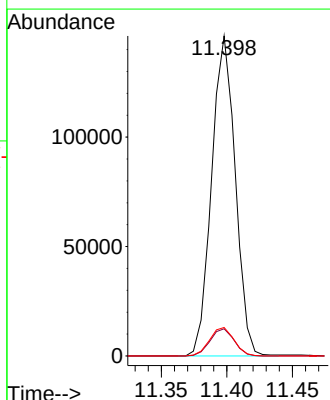
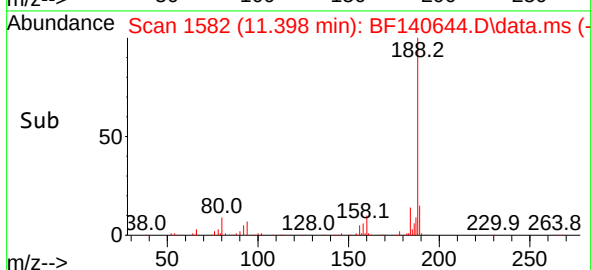
Supervised By :mohammad ahmed 11/27/2024

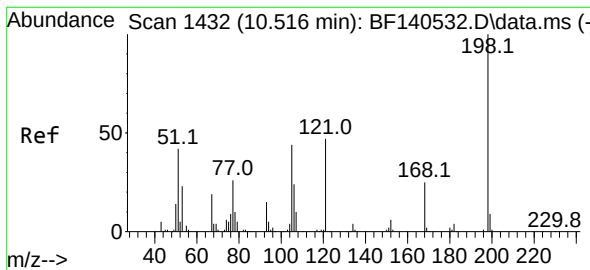


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14



Tgt Ion:188 Resp: 183562
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 8.9 6.9 10.3





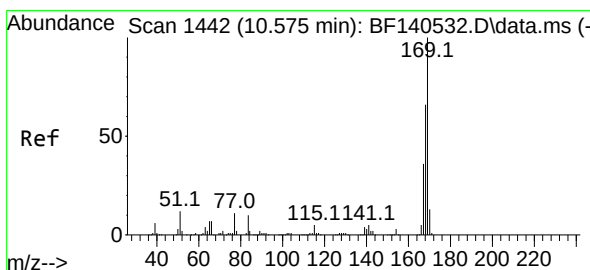
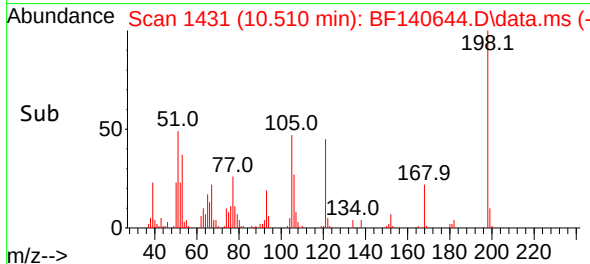
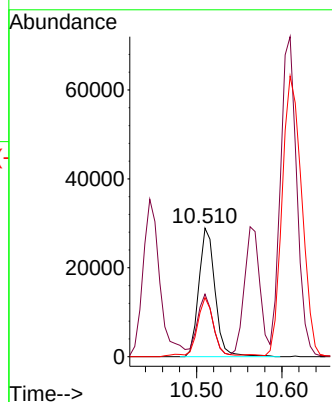
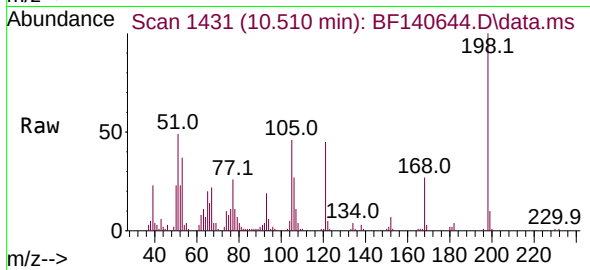
#65
4,6-Dinitro-2-methylphenol
Concen: 40.887 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:198 Resp: 38352
Ion Ratio Lower Upper
198 100
51 48.6 29.4 69.4
105 46.0 25.4 65.4

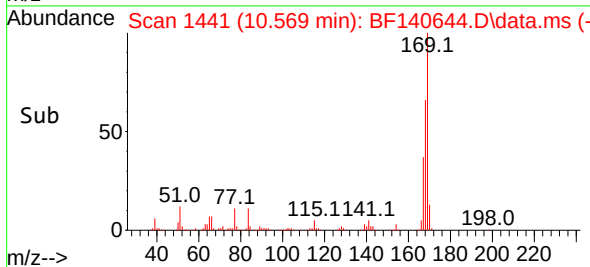
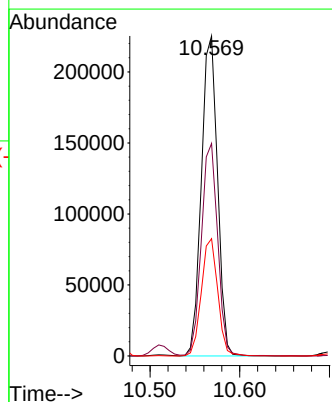
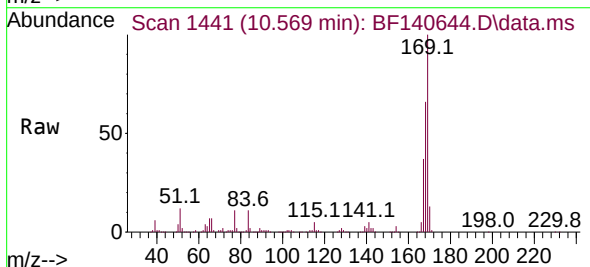
Manual Integrations
APPROVED

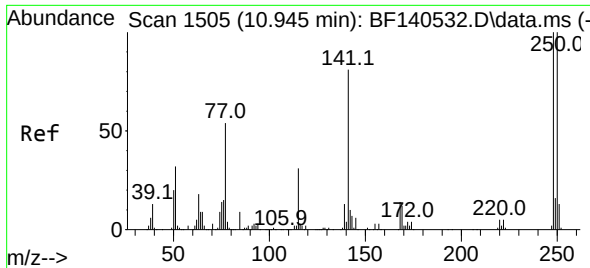
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 51.849 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

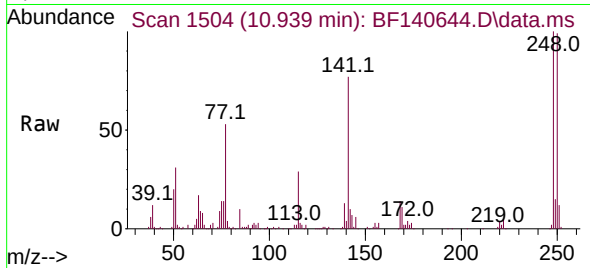
Tgt Ion:169 Resp: 281459
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.7 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 49.443 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

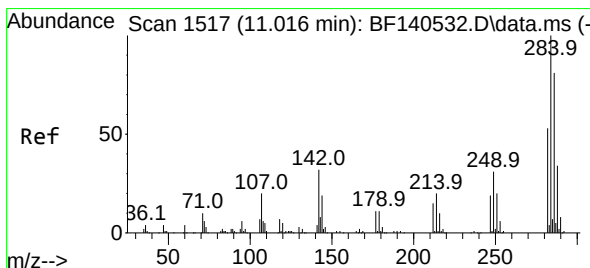
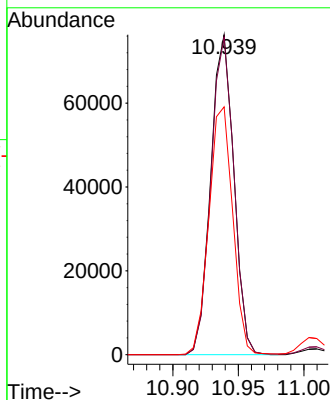
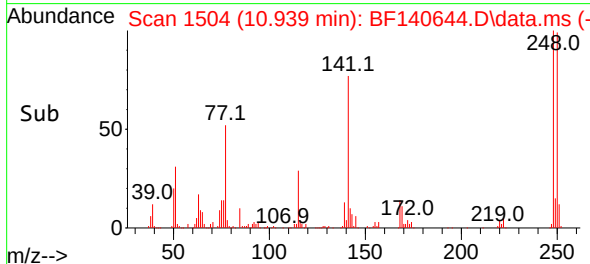
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



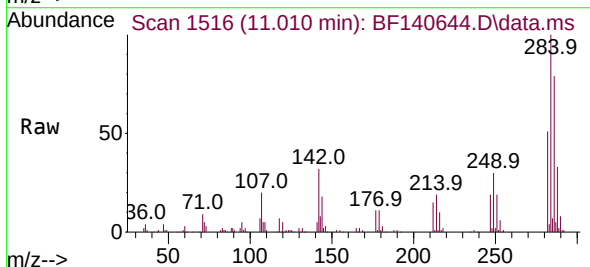
Tgt Ion:248 Resp: 9346
Ion Ratio Lower Upper
248 100
250 99.2 79.8 119.8
141 77.4 64.7 97.1

Manual Integrations
APPROVED

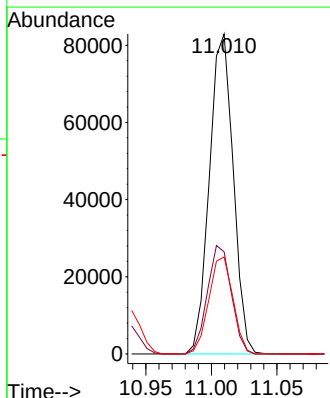
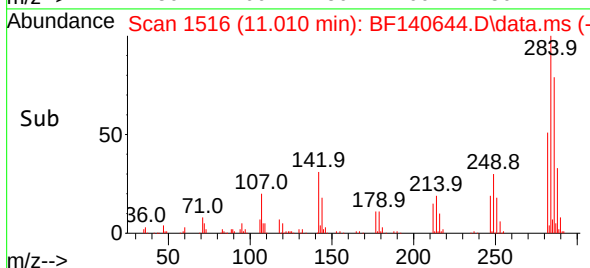
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

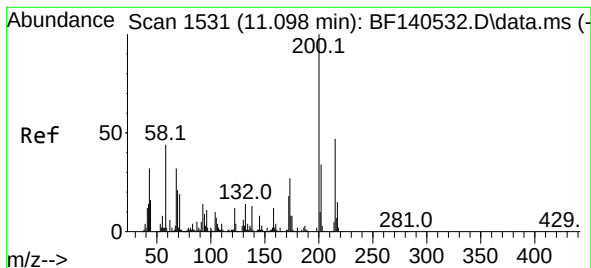


#68
Hexachlorobenzene
Concen: 47.934 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14



Tgt Ion:284 Resp: 104923
Ion Ratio Lower Upper
284 100
142 31.9 25.3 37.9
249 30.3 24.8 37.2





#69

Atrazine

Concen: 60.698 ng

RT: 11.092 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

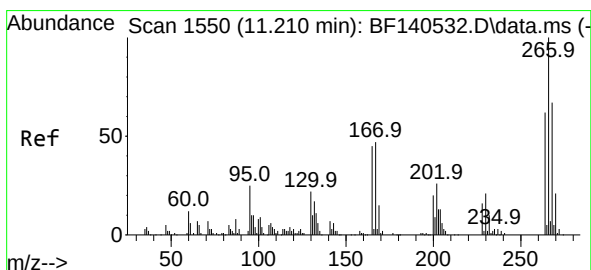
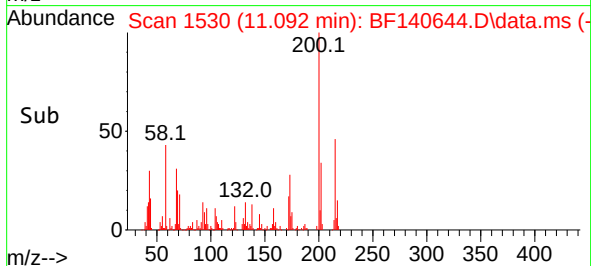
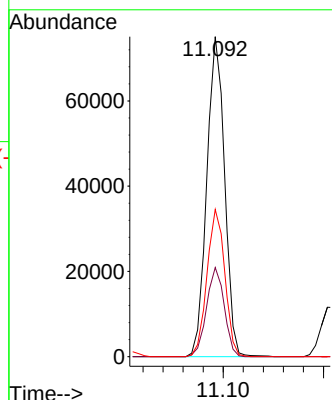
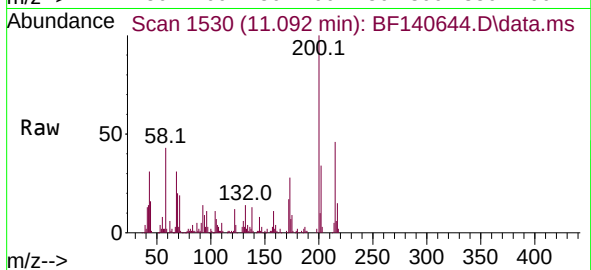
MH-756-WCMS

Tgt Ion:200 Resp: 92693
 Ion Ratio Lower Upper
 200 100
 173 27.9 7.0 47.0
 215 46.0 26.7 66.7

Manual Integrations

APPROVED

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



#70

Pentachlorophenol

Concen: 100.271 ng

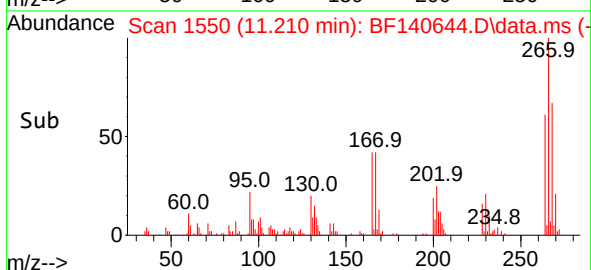
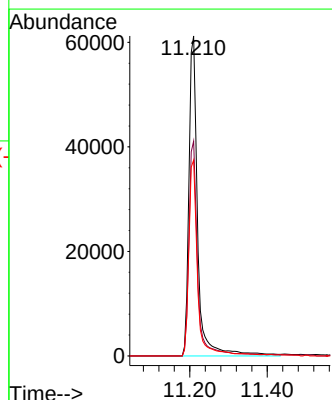
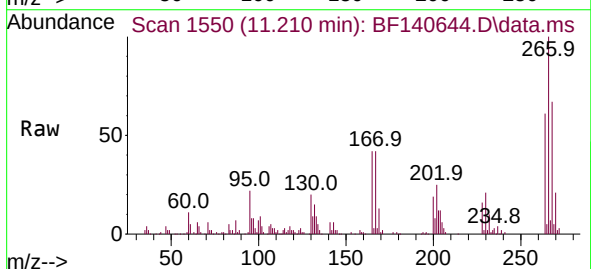
RT: 11.210 min Scan# 1550

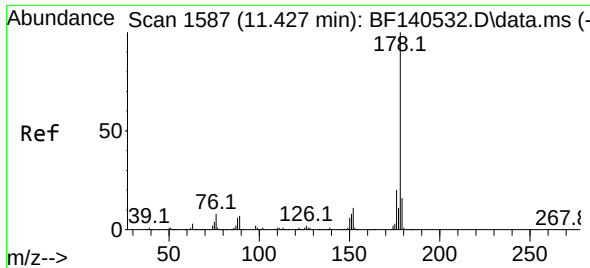
Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Tgt Ion:266 Resp: 96600
 Ion Ratio Lower Upper
 266 100
 268 67.2 53.7 80.5
 264 61.2 49.8 74.8





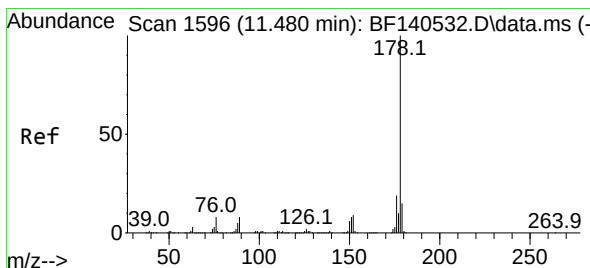
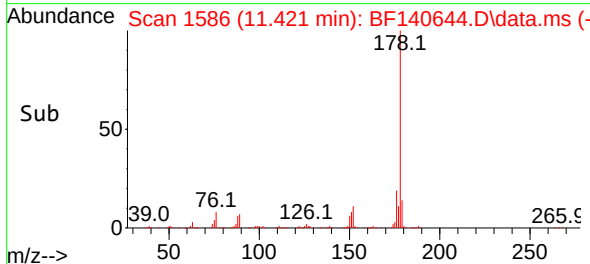
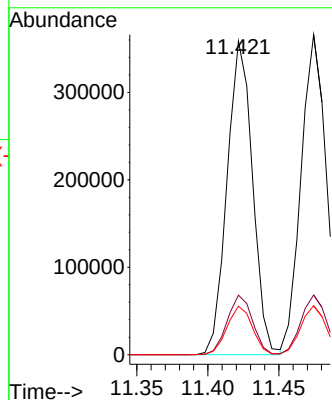
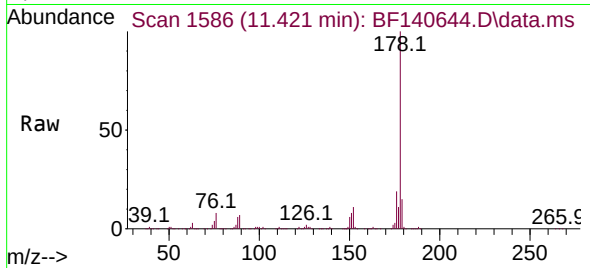
#71
Phenanthrene
Concen: 50.785 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:178 Resp: 44810
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.6
179 15.5 12.4 18.6

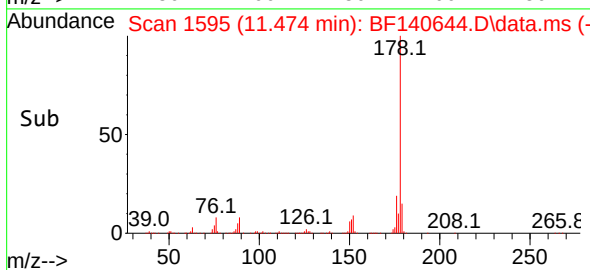
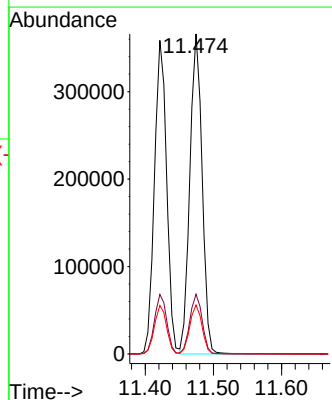
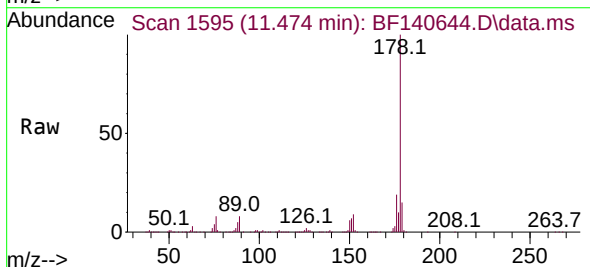
Manual Integrations
APPROVED

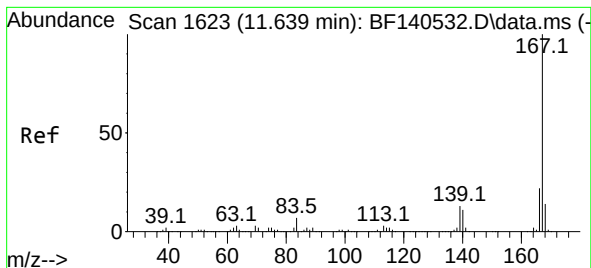
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 52.653 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:178 Resp: 454458
Ion Ratio Lower Upper
178 100
176 18.7 15.0 22.4
179 15.3 12.2 18.4





#73

Carbazole

Concen: 50.602 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140644.D

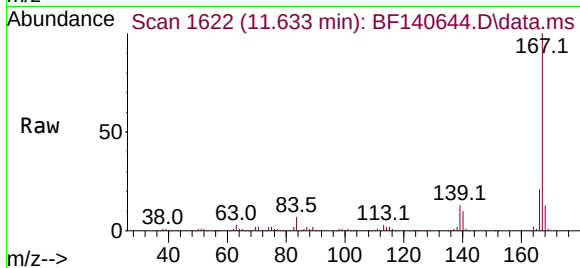
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



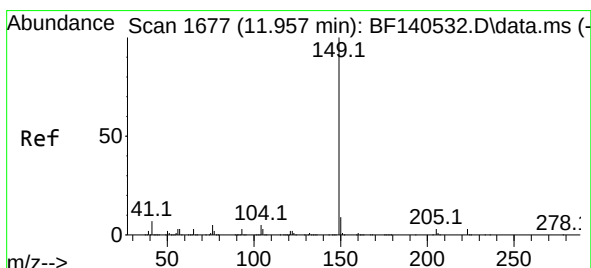
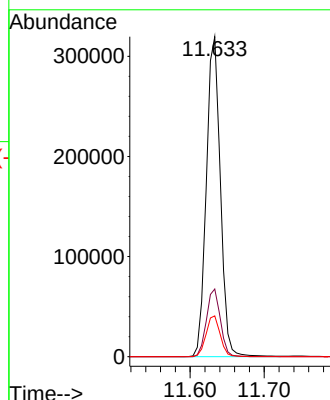
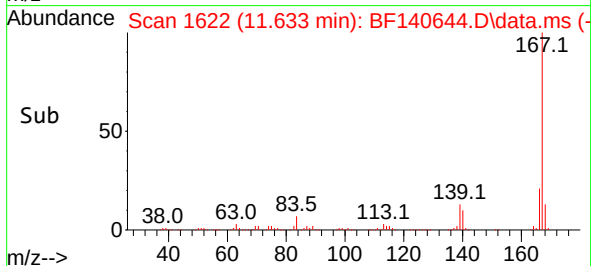
Tgt Ion:	167	Resp:	420159
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.2	25.8
139	12.7	10.6	15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#74

Di-n-butylphthalate

Concen: 51.634 ng

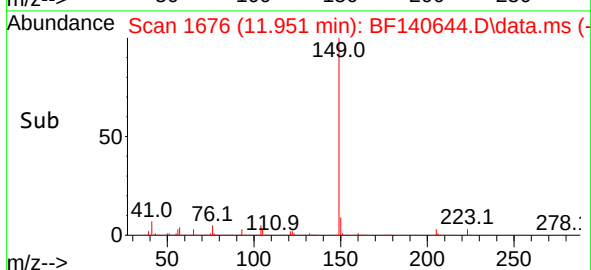
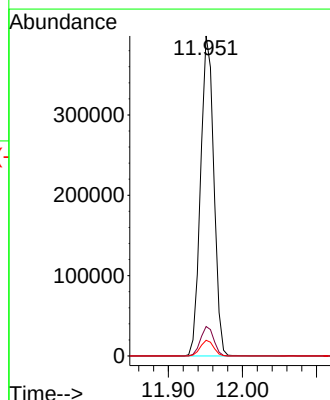
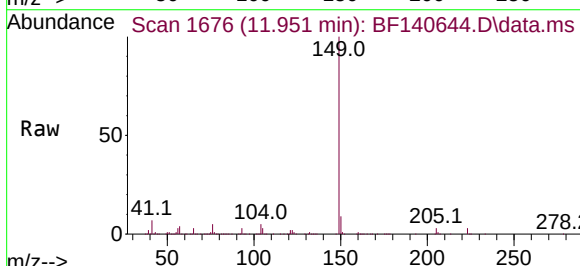
RT: 11.951 min Scan# 1676

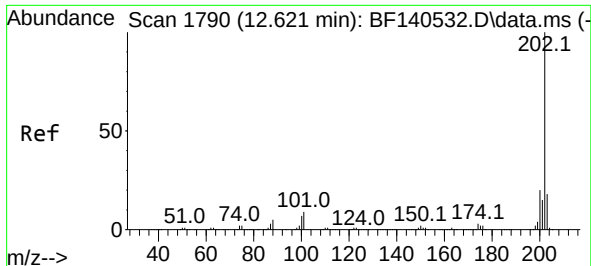
Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

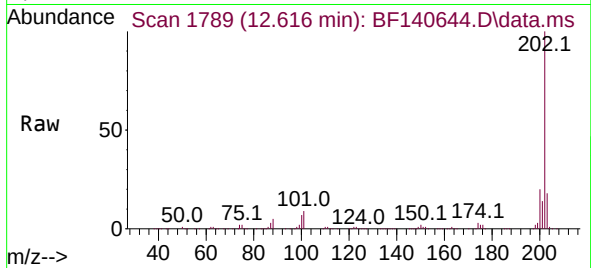
Tgt Ion:	149	Resp:	494966
Ion Ratio	Lower	Upper	
149	100		
150	9.2	7.5	11.3
104	4.9	4.1	6.1





#75
Fluoranthene
Concen: 45.750 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

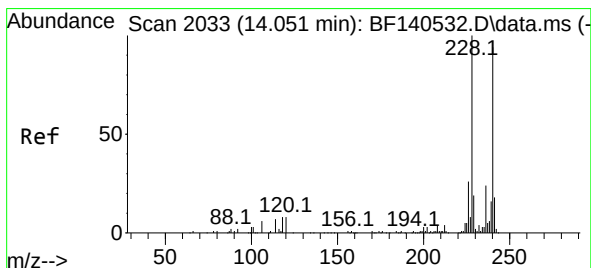
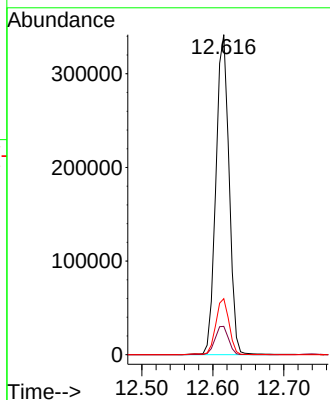
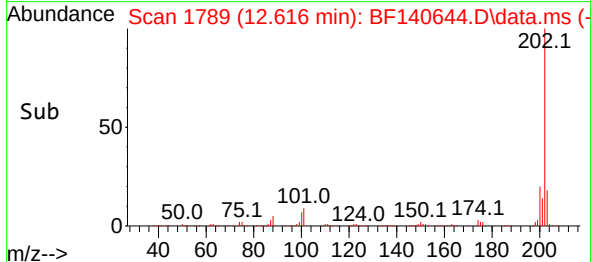
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:202 Resp: 438297
Ion Ratio Lower Upper
202 100
101 8.9 0.0 28.9
203 17.5 0.0 37.6

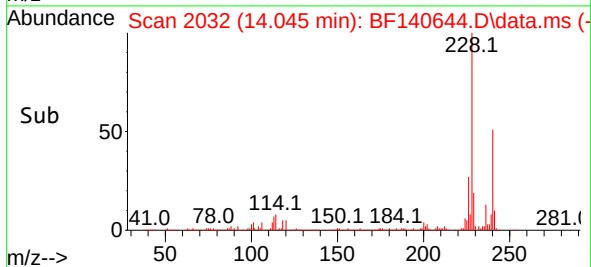
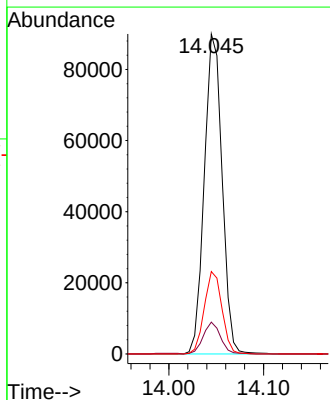
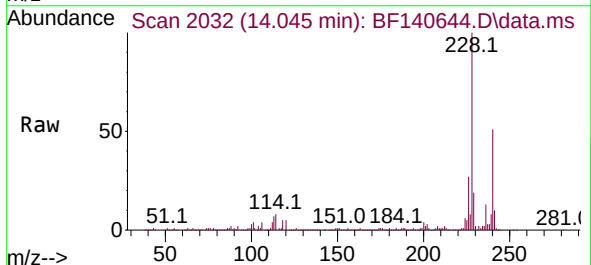
Manual Integrations
APPROVED

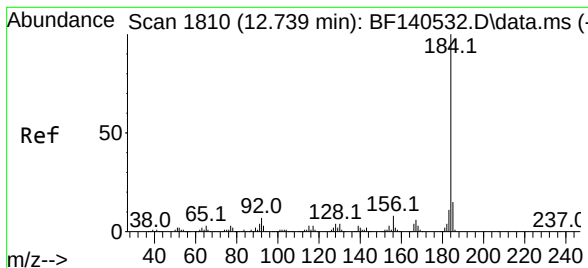
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:240 Resp: 117051
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 25.8 20.6 31.0





#77

Benzidine

Concen: 49.709 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:184 Resp: 16916

Ion Ratio Lower Upper

184 100

185 14.0 11.7 17.5

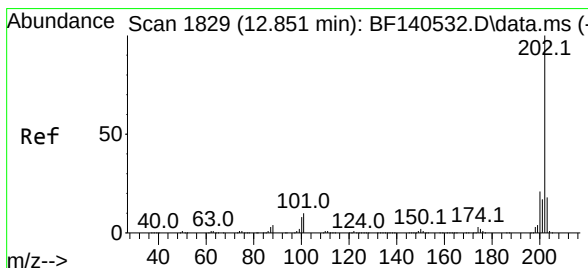
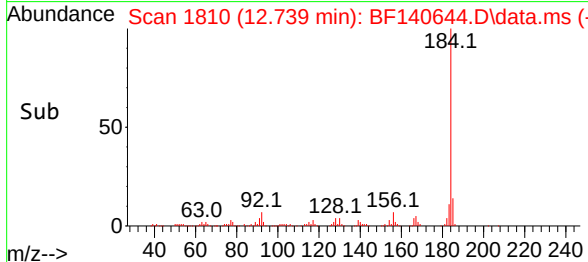
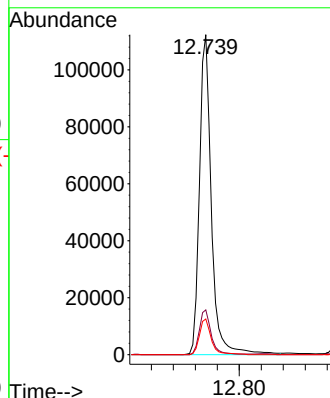
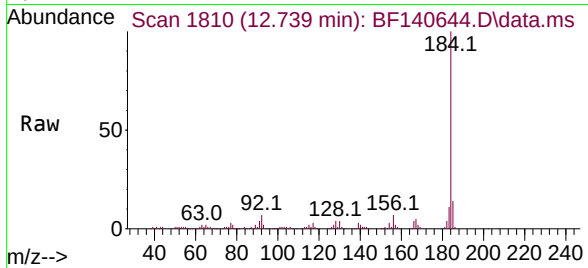
183 11.2 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Pyrene

Concen: 41.519 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

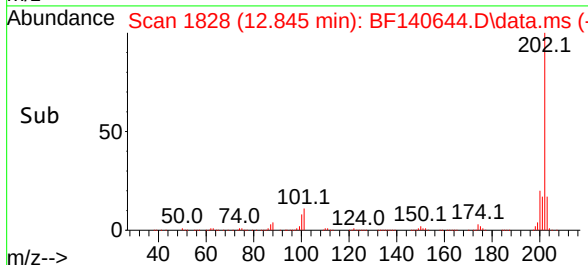
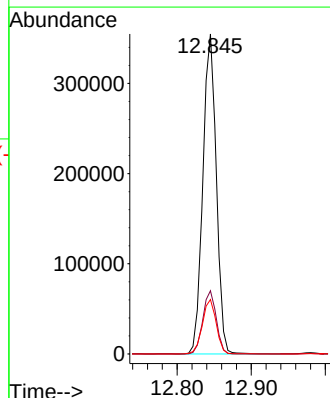
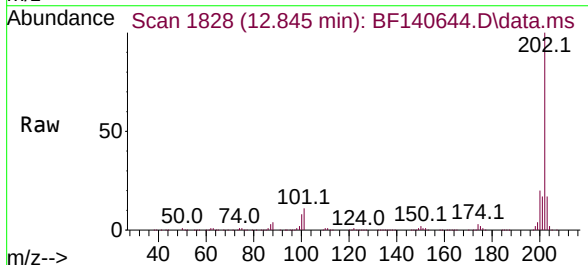
Tgt Ion:202 Resp: 449356

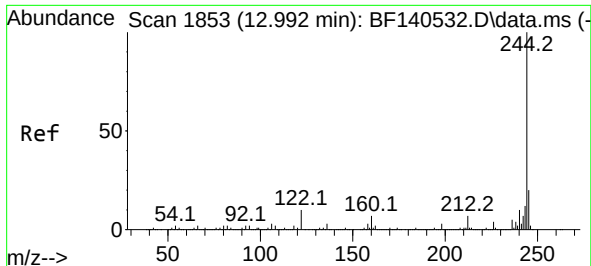
Ion Ratio Lower Upper

202 100

200 19.8 16.5 24.7

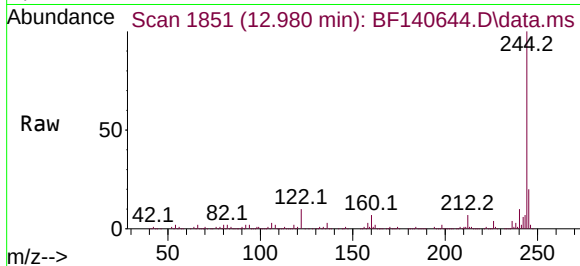
203 17.0 14.2 21.4





#79
 Terphenyl-d14
 Concen: 54.789 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140644.D
 Acq: 26 Nov 2024 16:14

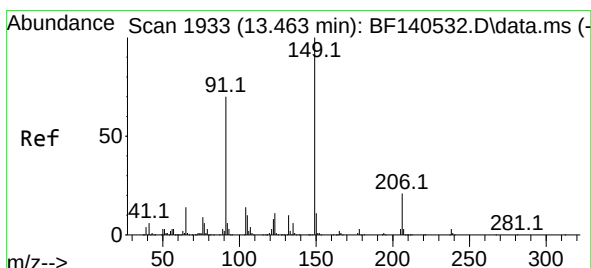
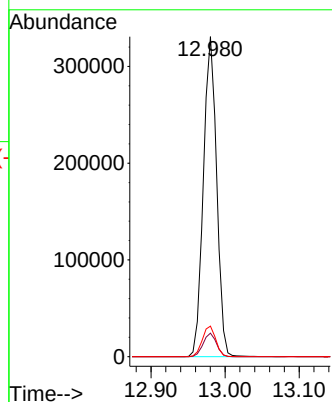
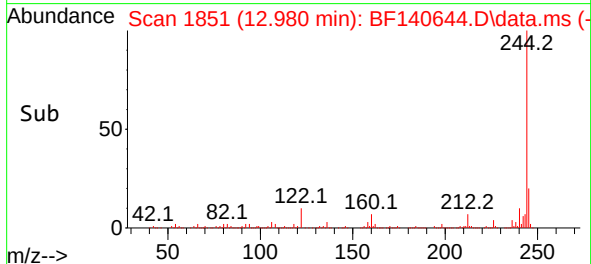
Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMS



Tgt Ion:244 Resp: 41185
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 9.6 8.0 12.0

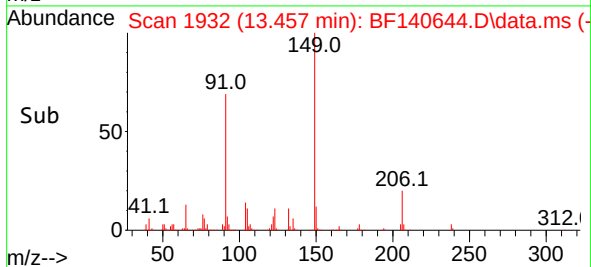
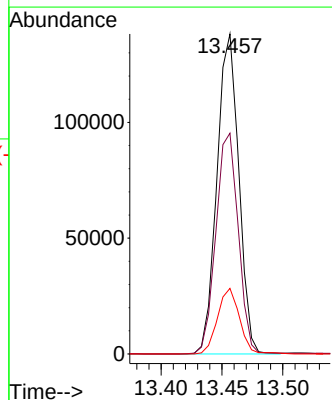
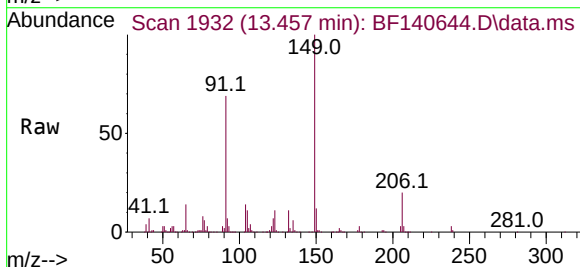
Manual Integrations
 APPROVED

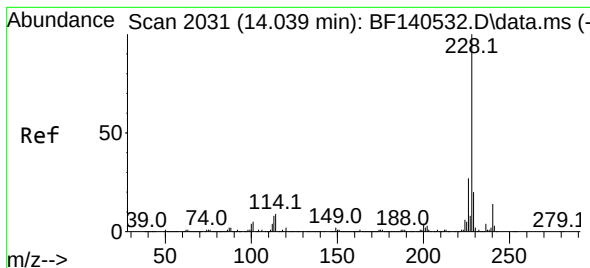
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 44.338 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140644.D
 Acq: 26 Nov 2024 16:14

Tgt Ion:149 Resp: 172865
 Ion Ratio Lower Upper
 149 100
 91 69.0 56.2 84.2
 206 20.5 16.4 24.6





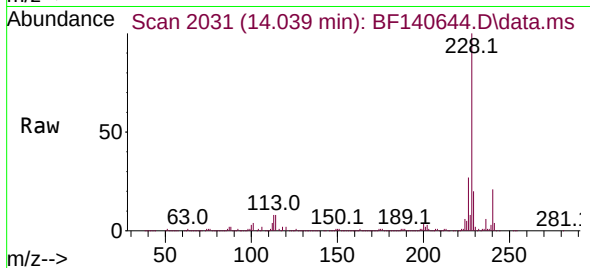
#81
Benzo(a)anthracene
Concen: 51.165 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



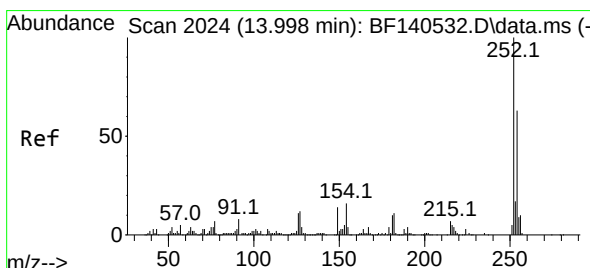
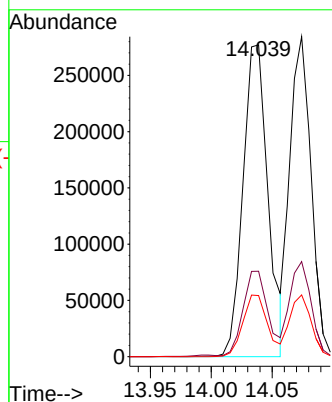
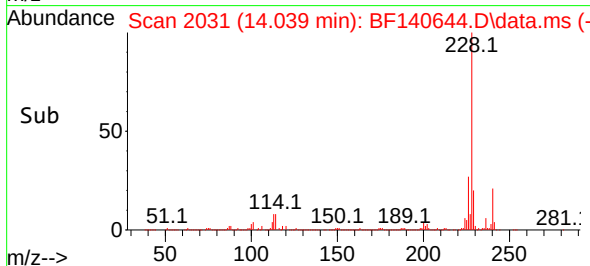
Tgt Ion:228 Resp: 396440
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations

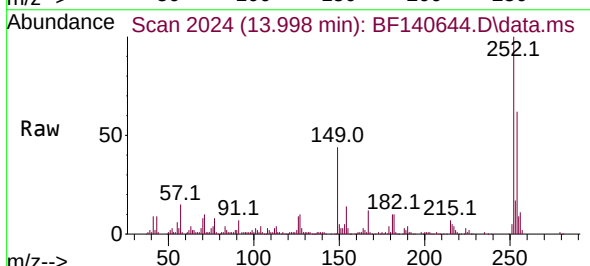
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

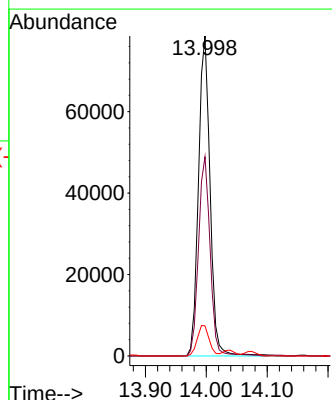
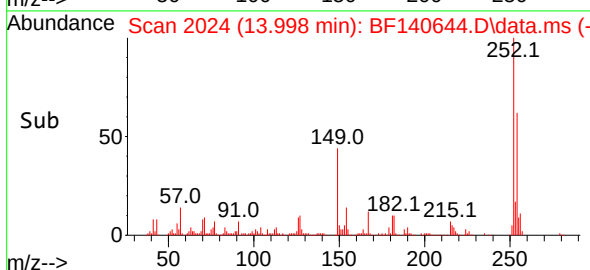
Supervised By :mohammad ahmed 11/27/2024

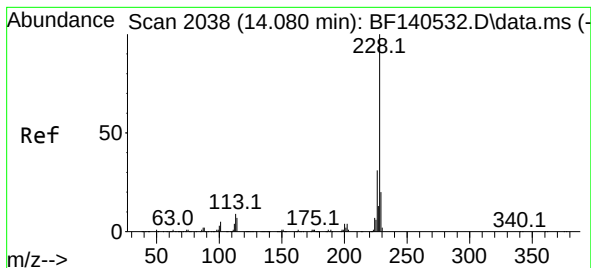


#82
3,3'-Dichlorobenzidine
Concen: 44.720 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14



Tgt Ion:252 Resp: 104033
Ion Ratio Lower Upper
252 100
254 62.3 50.8 76.2
126 9.4 8.6 13.0





#83

Chrysene

Concen: 49.043 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

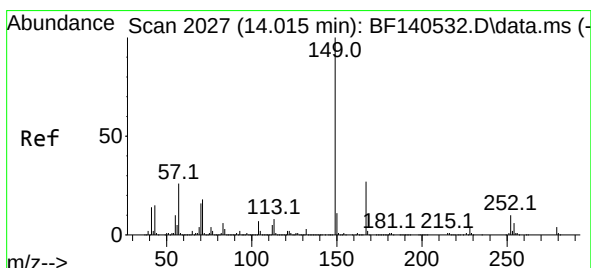
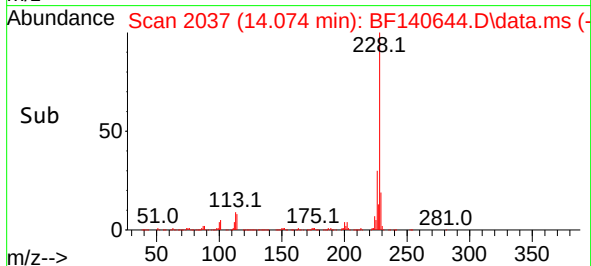
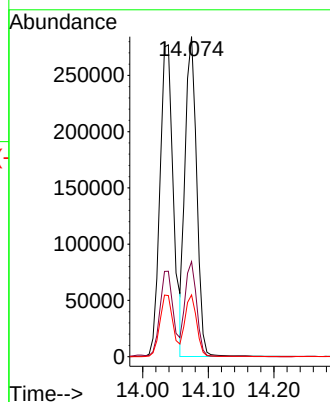
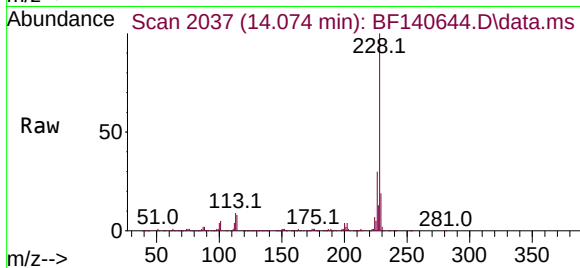
Tgt Ion:	228	Resp:	347470
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.4	36.6
229	19.3	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.570 ng

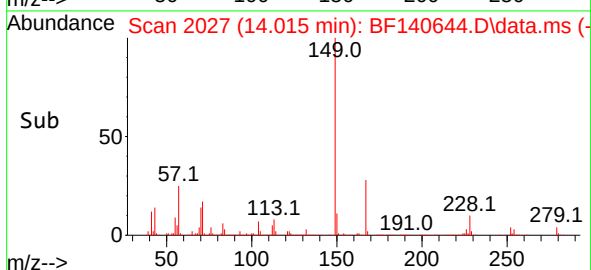
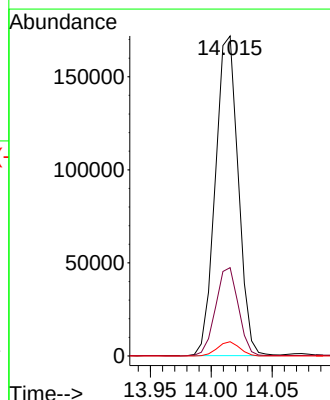
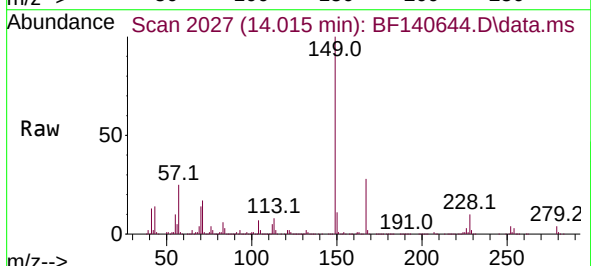
RT: 14.015 min Scan# 2027

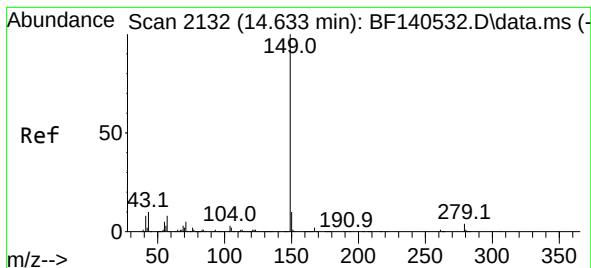
Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Tgt Ion:	149	Resp:	224344
Ion Ratio	Lower	Upper	
149	100		
167	27.6	21.2	31.8
279	4.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 53.471 ng

RT: 14.639 min Scan# 2132

Delta R.T. 0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:149 Resp: 35975

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

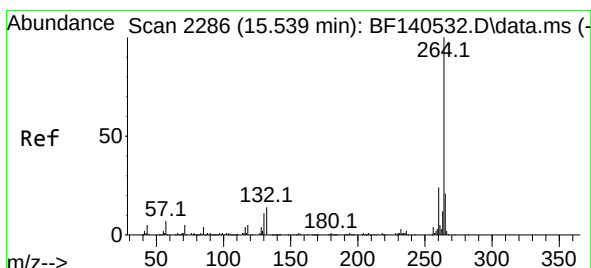
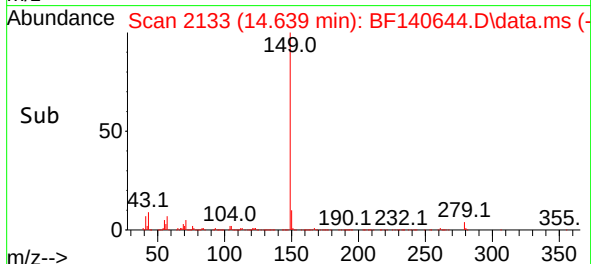
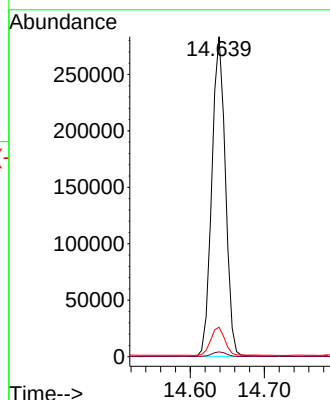
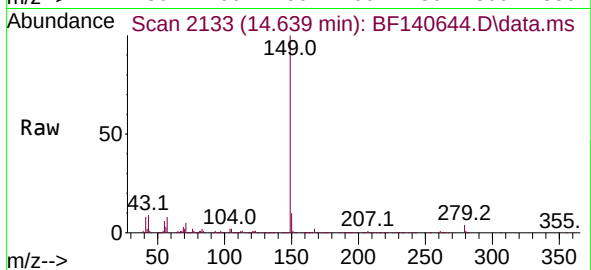
43 9.0 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2286

Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

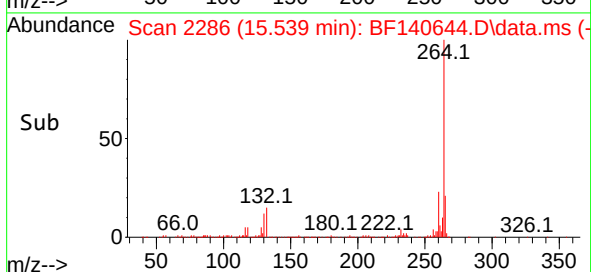
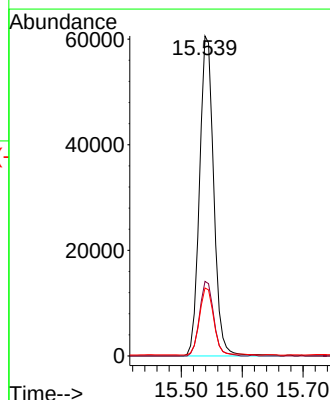
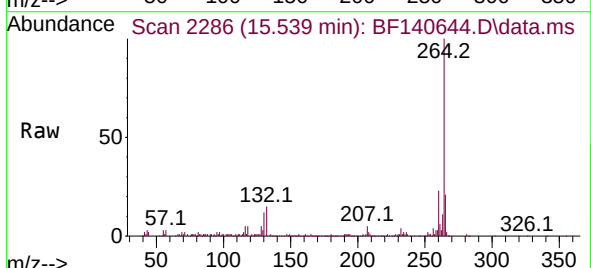
Tgt Ion:264 Resp: 97925

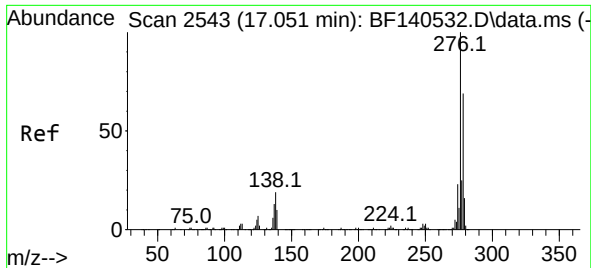
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.3 16.6 25.0





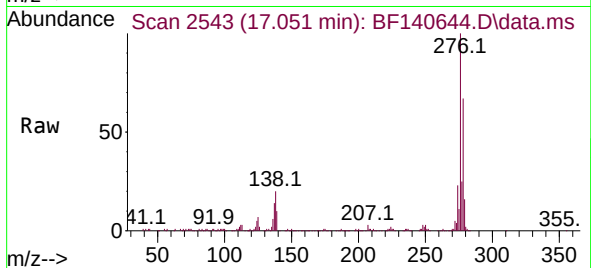
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.440 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

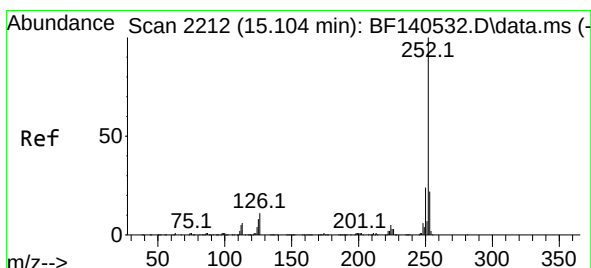
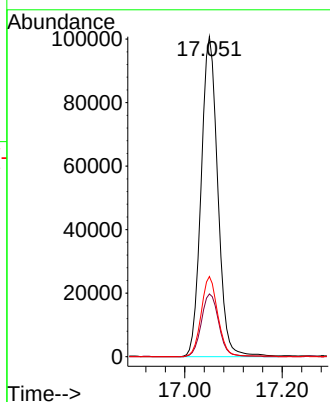
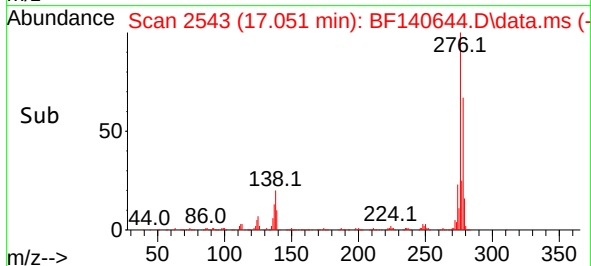


Tgt Ion:276 Resp: 23892
Ion Ratio Lower Upper
276 100
138 20.6 15.5 23.3
277 25.1 20.1 30.1

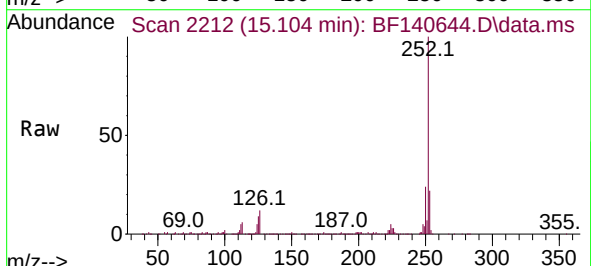
Manual Integrations

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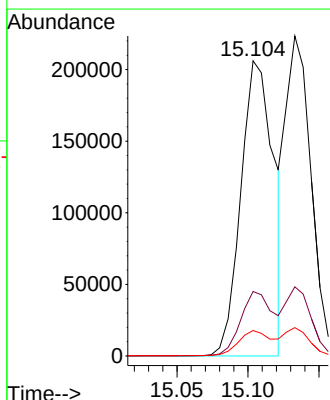
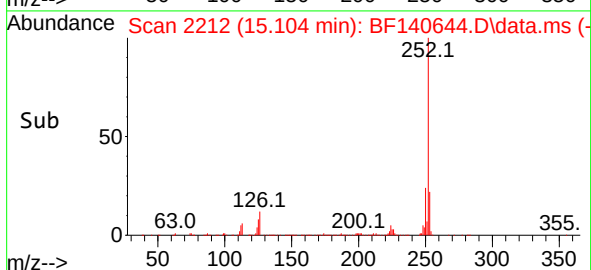
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

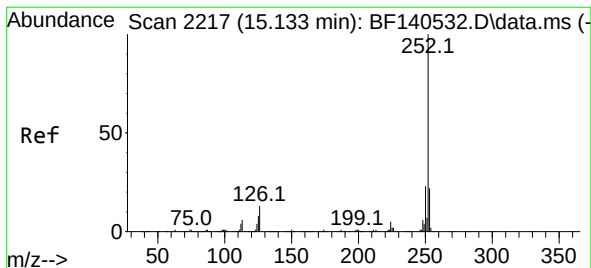


#88
Benzo(b)fluoranthene
Concen: 53.976 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14



Tgt Ion:252 Resp: 331999
Ion Ratio Lower Upper
252 100
253 21.8 17.2 25.8
125 8.6 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 51.618 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:252 Resp: 277830

Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

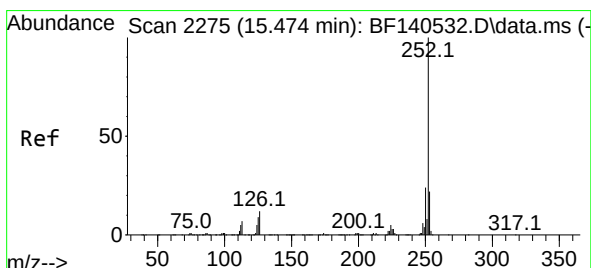
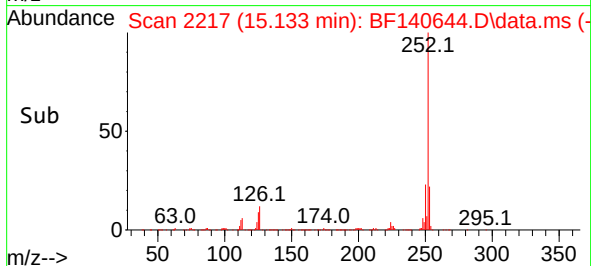
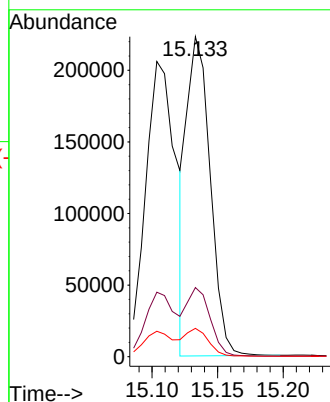
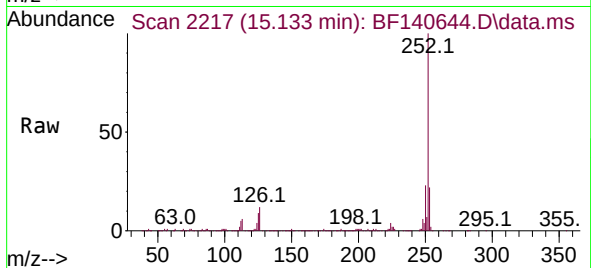
125 8.9 6.5 9.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#90

Benzo(a)pyrene

Concen: 52.972 ng

RT: 15.480 min Scan# 2276

Delta R.T. 0.006 min

Lab File: BF140644.D

Acq: 26 Nov 2024 16:14

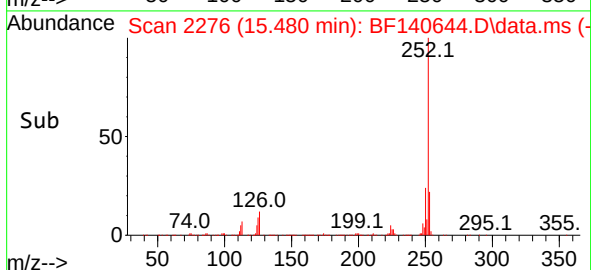
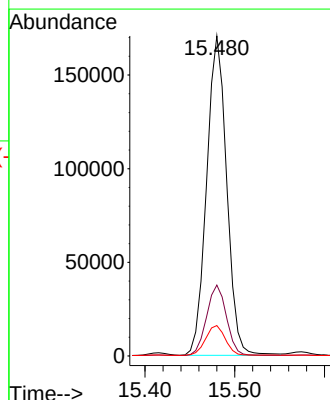
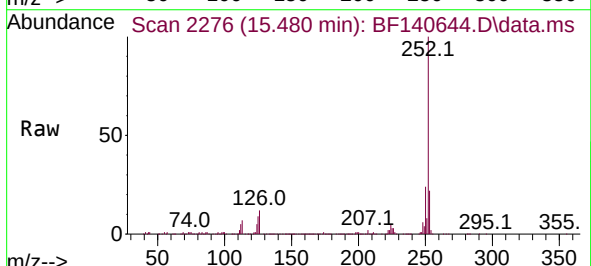
Tgt Ion:252 Resp: 264919

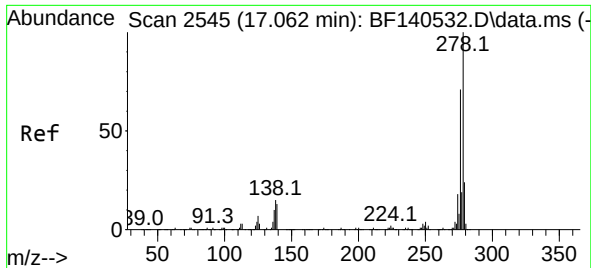
Ion Ratio Lower Upper

252 100

253 22.2 17.3 25.9

125 9.5 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 37.665 ng
RT: 17.062 min Scan# 2545
Delta R.T. -0.000 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Instrument :

BNA_F

ClientSampleId :

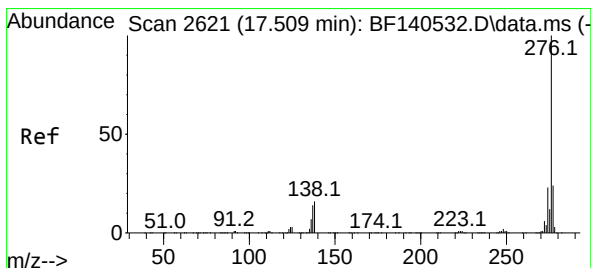
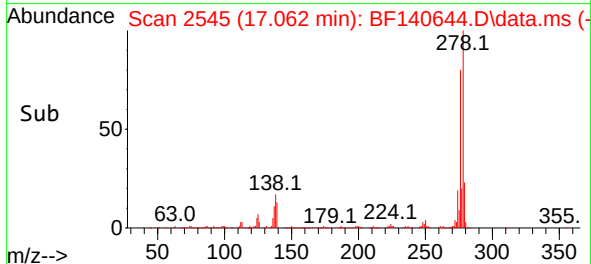
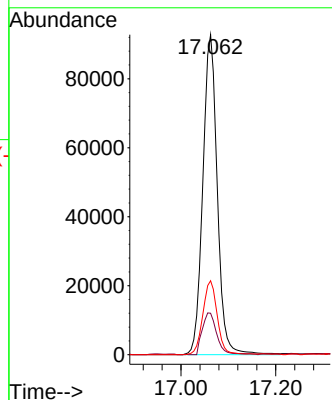
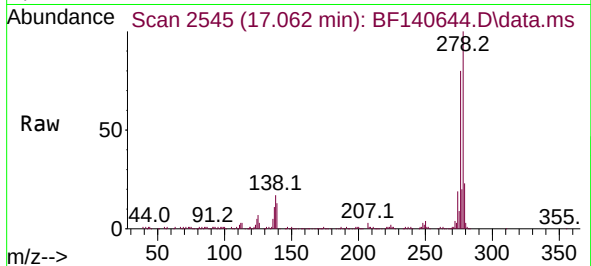
MH-756-WCMS

Tgt Ion:278 Resp: 19685
Ion Ratio Lower Upper
278 100
139 13.0 10.2 15.4
279 23.1 18.9 28.3

Manual Integrations

APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 33.135 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140644.D
Acq: 26 Nov 2024 16:14

Tgt Ion:276 Resp: 176713
Ion Ratio Lower Upper
276 100
277 23.1 18.9 28.3
138 17.5 13.2 19.8

