

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140645.D
 Acq On : 26 Nov 2024 16:41
 Operator : RC/JU
 Sample : P4985-01MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 26 17:13:05 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	52731	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	189393	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	102689	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	184551	20.000	ng	0.00
76) Chrysene-d12	14.045	240	115182	20.000	ng	0.00
86) Perylene-d12	15.545	264	96060	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	319876	103.502	ng	0.00
7) Phenol-d6	6.510	99	412349	100.924	ng	0.00
23) Nitrobenzene-d5	7.434	82	261734	70.688	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	113050	102.935	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	480037	69.650	ng	-0.01
79) Terphenyl-d14	12.980	244	433537	58.609	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	58101	44.714	ng	98
3) Pyridine	3.393	79	149168	52.175	ng	98
4) n-Nitrosodimethylamine	3.334	42	79368	47.234	ng	96
6) Aniline	6.534	93	117681	40.921	ng	90
8) 2-Chlorophenol	6.657	128	168711	50.741	ng	96
9) Benzaldehyde	6.422	77	70572	32.628	ng	99
10) Phenol	6.522	94	218963	52.477	ng	91
11) bis(2-Chloroethyl)ether	6.604	93	154695	48.448	ng	100
12) 1,3-Dichlorobenzene	6.810	146	180819	48.398	ng	98
13) 1,4-Dichlorobenzene	6.886	146	181170	47.892	ng	99
14) 1,2-Dichlorobenzene	7.039	146	174304	49.173	ng	99
15) Benzyl Alcohol	7.010	79	150543	49.685	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	192914	51.142	ng	97
17) 2-Methylphenol	7.128	107	130067	48.868	ng	97
18) Hexachloroethane	7.381	117	65796	46.569	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	115978	48.030	ng	98
20) 3+4-Methylphenols	7.281	107	169725	49.612	ng	95
22) Acetophenone	7.275	105	231342	50.103	ng	97
24) Nitrobenzene	7.451	77	184383	48.182	ng	98
25) Isophorone	7.692	82	312003	50.520	ng	99
26) 2-Nitrophenol	7.769	139	86046	50.738	ng	97
27) 2,4-Dimethylphenol	7.804	122	127871m	63.019	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	187359	49.799	ng	99
29) 2,4-Dichlorophenol	8.016	162	134920	50.181	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	143305	46.681	ng	99
31) Naphthalene	8.175	128	477122	48.908	ng	99
32) Benzoic acid	7.922	122	71666	41.698	ng	100
33) 4-Chloroaniline	8.228	127	57384	19.647	ng	95
34) Hexachlorobutadiene	8.286	225	95508	46.971	ng	99
35) Caprolactam	8.586	113	43314	52.056	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	151964	50.481	ng	99
37) 2-Methylnaphthalene	8.863	142	311580	50.285	ng	99
38) 1-Methylnaphthalene	8.963	142	289113	47.602	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	152554	50.746	ng	99
41) Hexachlorocyclopentadiene	9.016	237	55066	81.355	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	98443	52.186	ng	97

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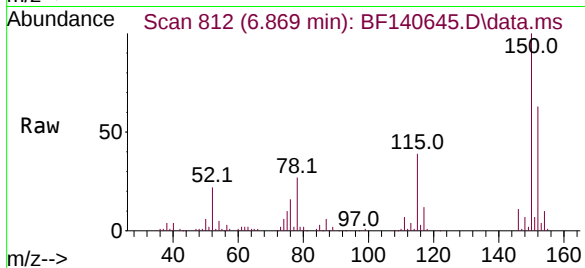
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	104544	51.065	ng	96
46) 1,1'-Biphenyl	9.328	154	387567	50.551	ng	99
47) 2-Chloronaphthalene	9.357	162	286785	49.366	ng	98
48) 2-Nitroaniline	9.451	65	96990	52.014	ng	99
49) Acenaphthylene	9.769	152	471401	53.705	ng	99
50) Dimethylphthalate	9.627	163	344315	50.911	ng	100
51) 2,6-Dinitrotoluene	9.692	165	76159	49.653	ng	94
52) Acenaphthene	9.939	154	286167	51.311	ng	100
53) 3-Nitroaniline	9.863	138	47947	31.961	ng	95
54) 2,4-Dinitrophenol	9.980	184	52826	67.820	ng	94
55) Dibenzofuran	10.116	168	431317	50.702	ng	100
56) 4-Nitrophenol	10.039	139	111939	109.412	ng	92
57) 2,4-Dinitrotoluene	10.098	165	103406	50.727	ng	97
58) Fluorene	10.457	166	347306	50.863	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	87809	55.809	ng	92
60) Diethylphthalate	10.327	149	349622	50.881	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	169370	50.543	ng	99
62) 4-Nitroaniline	10.480	138	70875	45.046	ng	96
63) Azobenzene	10.610	77	357849	54.993	ng	96
65) 4,6-Dinitro-2-methylph...	10.510	198	42560	45.129	ng	99
66) n-Nitrosodiphenylamine	10.569	169	297848	54.574	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	98618	51.888	ng	96
68) Hexachlorobenzene	11.010	284	109827	49.905	ng	99
69) Atrazine	11.092	200	98378	64.075	ng	99
70) Pentachlorophenol	11.210	266	100109	103.356	ng	99
71) Phenanthrene	11.422	178	471570	53.158	ng	99
72) Anthracene	11.474	178	474034	54.627	ng	100
73) Carbazole	11.633	167	435481	52.166	ng	99
74) Di-n-butylphthalate	11.951	149	526813	54.661	ng	99
75) Fluoranthene	12.616	202	459205	47.676	ng	99
77) Benzidine	12.739	184	177273	52.935	ng	99
78) Pyrene	12.845	202	468927	44.031	ng	99
80) Butylbenzylphthalate	13.457	149	182272	47.509	ng	98
81) Benzo(a)anthracene	14.033	228	411398	53.957	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	103632	45.270	ng	99
83) Chrysene	14.074	228	363909	52.197	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	236140	48.744	ng	98
85) Di-n-octyl phthalate	14.639	149	385825	58.277	ng	98
87) Indeno(1,2,3-cd)pyrene	17.051	276	248797	39.743	ng	99
88) Benzo(b)fluoranthene	15.104	252	352788	58.470	ng	99
89) Benzo(k)fluoranthene	15.133	252	292684	55.433	ng	100
90) Benzo(a)pyrene	15.480	252	281981	57.478	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	210553	41.069	ng	99
92) Benzo(g,h,i)perylene	17.503	276	181377	34.669	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: BF140645.D
Acq: 26 Nov 2024 16:41

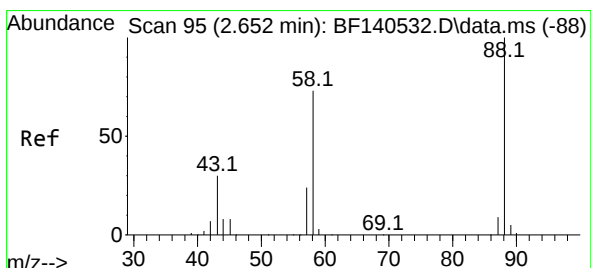
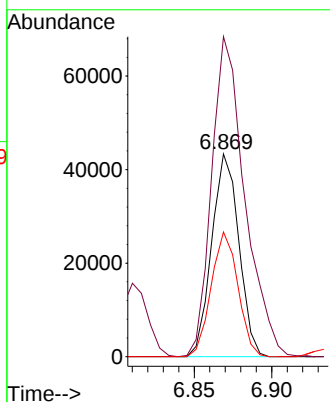
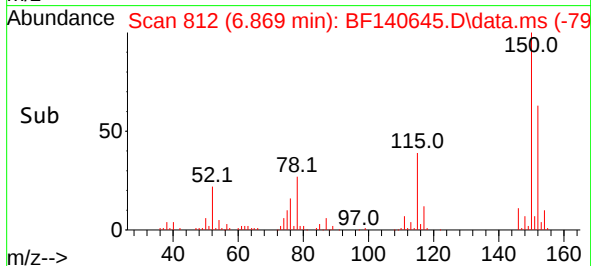
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:152 Resp: 5273
Ion Ratio Lower Upper
152 100
150 157.8 128.5 192.7
115 61.4 50.2 75.4

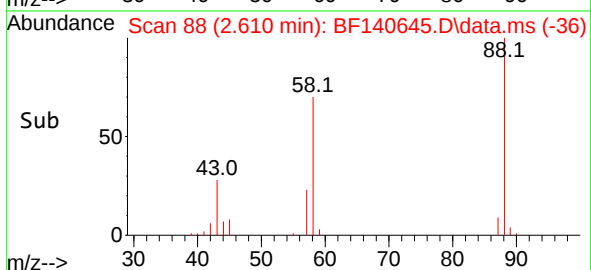
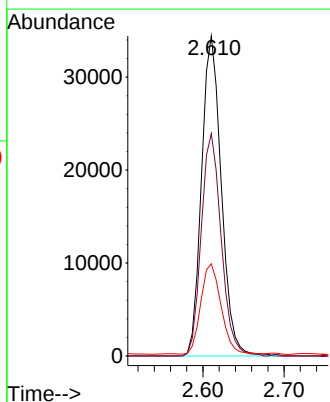
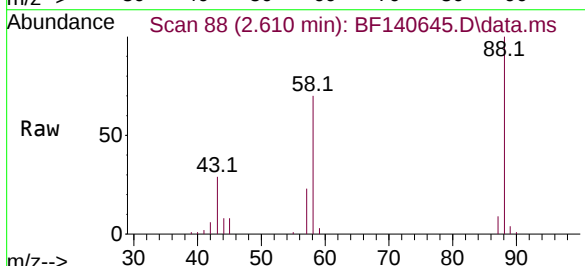
Manual Integrations
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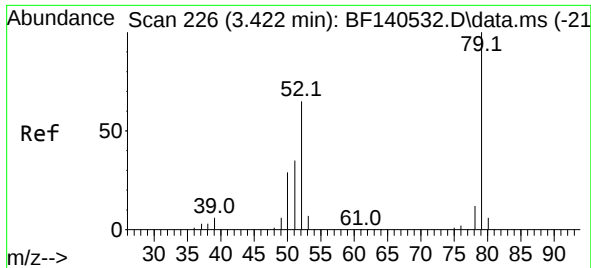
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 44.714 ng
RT: 2.610 min Scan# 88
Delta R.T. -0.041 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion: 88 Resp: 58101
Ion Ratio Lower Upper
88 100
58 70.1 57.4 86.2
43 29.0 24.3 36.5





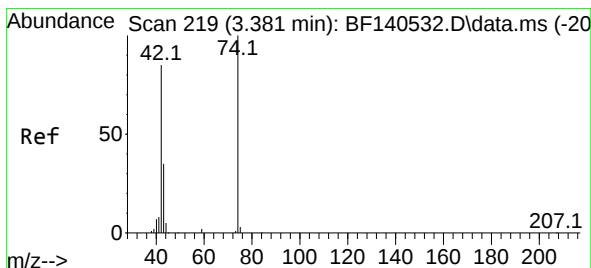
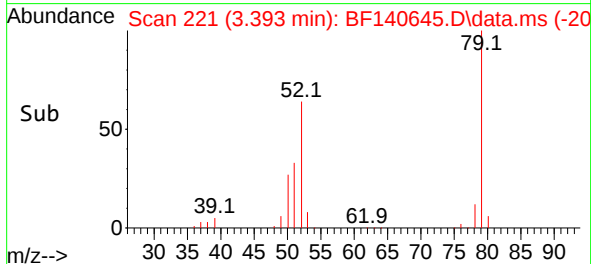
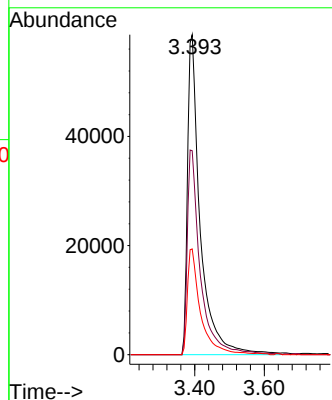
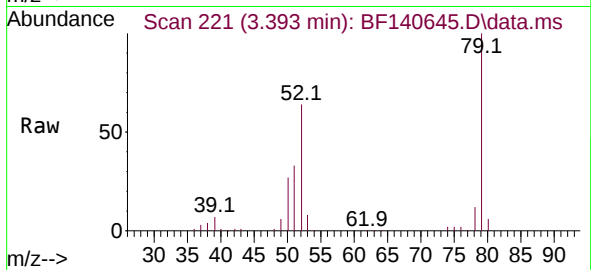
#3
Pyridine
Concen: 52.175 ng
RT: 3.393 min Scan# 211
Delta R.T. -0.029 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion: 79 Resp: 149168
Ion Ratio Lower Upper
79 100
52 63.8 52.1 78.1
51 33.1 27.8 41.8

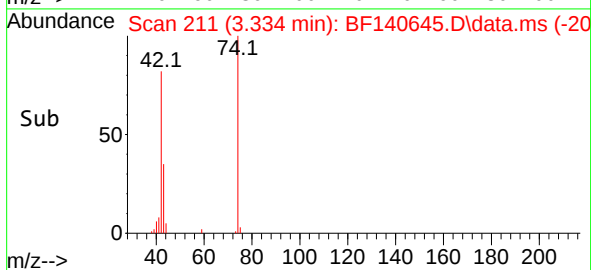
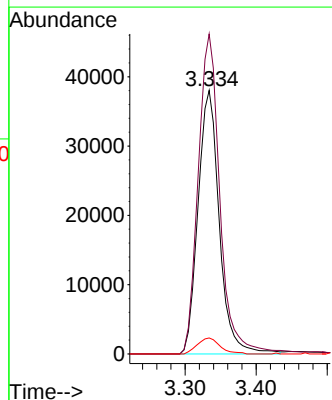
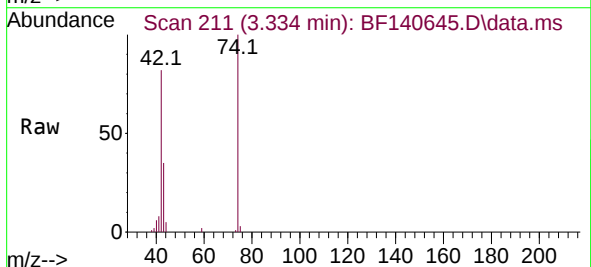
Manual Integrations
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Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 47.234 ng
RT: 3.334 min Scan# 211
Delta R.T. -0.047 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion: 42 Resp: 79368
Ion Ratio Lower Upper
42 100
74 121.5 93.8 140.6
44 6.1 4.6 6.8





#5
2-Fluorophenol
Concen: 103.502 ng
RT: 5.498 min Scan# 511
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

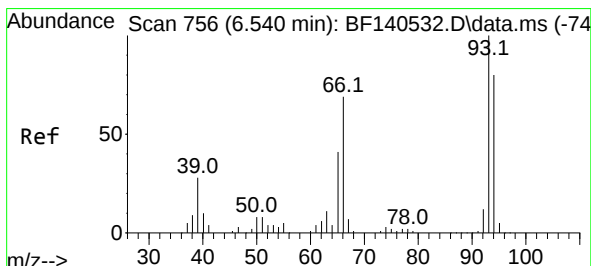
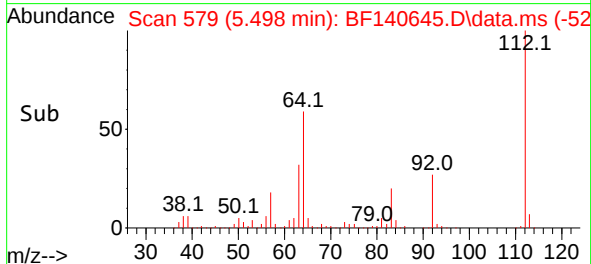
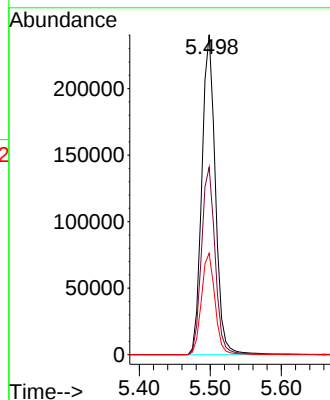
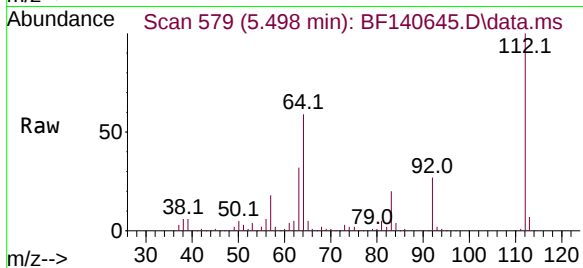
MH-756-WCMSD

Tgt Ion:112 Resp: 319870
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.7 27.0 40.4

Manual Integrations

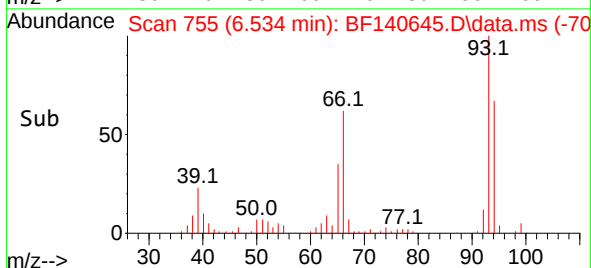
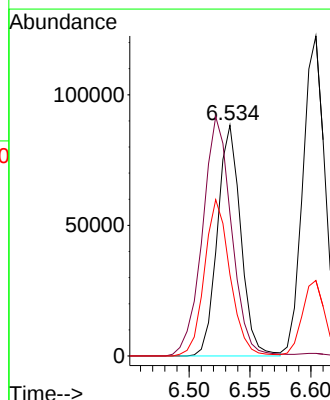
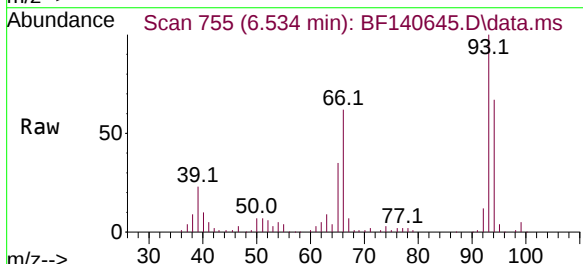
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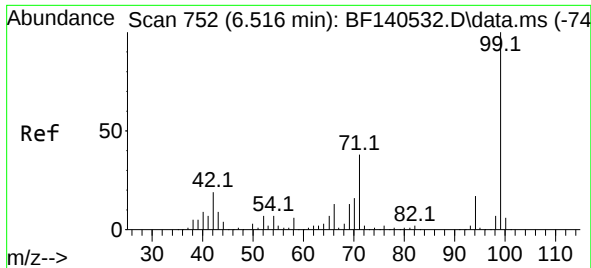
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 40.921 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

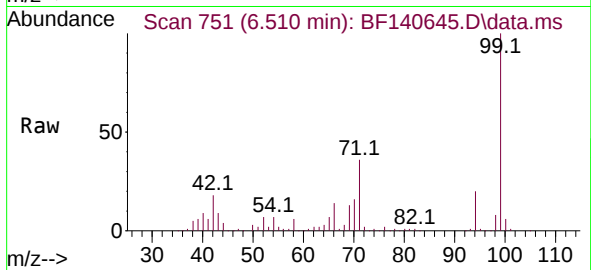
Tgt Ion: 93 Resp: 117681
Ion Ratio Lower Upper
93 100
66 61.6 56.5 84.7
65 35.2 32.9 49.3





#7
Phenol-d6
Concen: 100.924 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

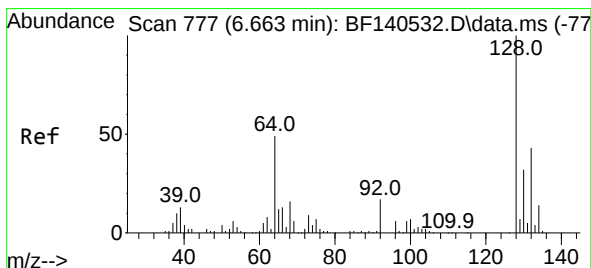
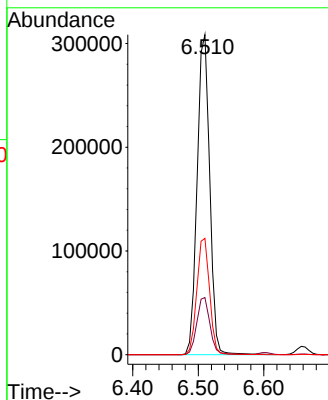
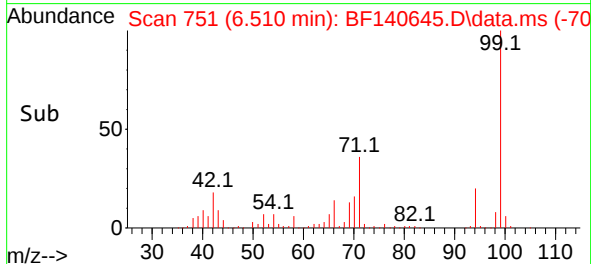
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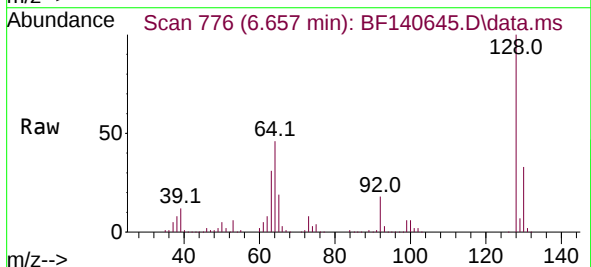
Tgt Ion: 99 Resp: 412349
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.3 30.6 46.0

Manual Integrations
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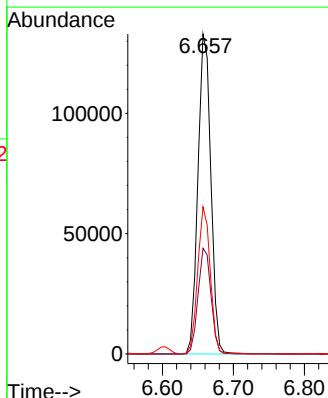
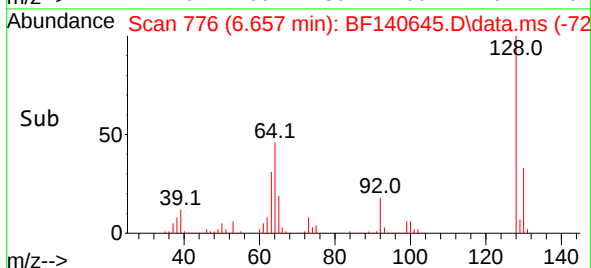
Reviewed By :Yogesh Patel 11/27/2024
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#8
2-Chlorophenol
Concen: 50.741 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:128 Resp: 168711
Ion Ratio Lower Upper
128 100
130 33.0 12.3 52.3
64 46.0 30.2 70.2





#9

Benzaldehyde

Concen: 32.628 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

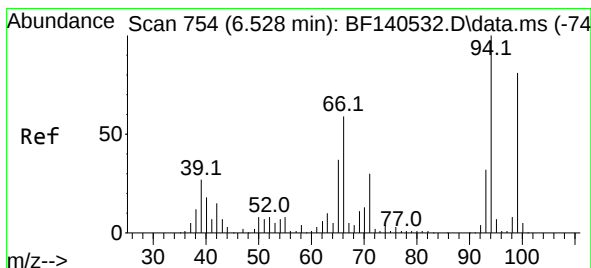
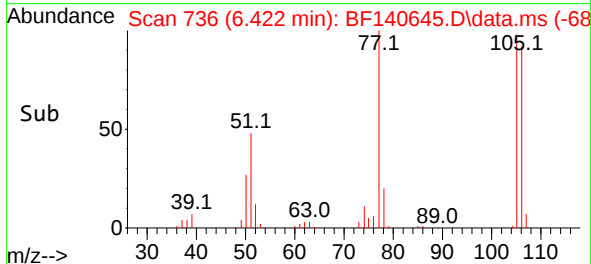
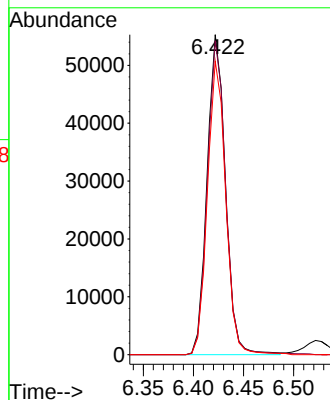
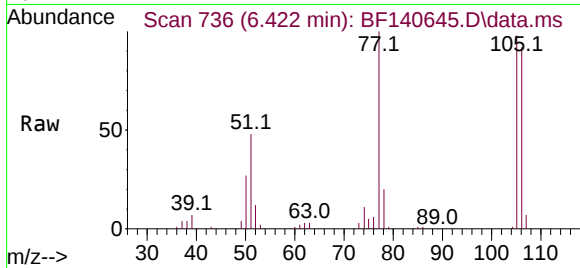
Tgt Ion: 77	Resp: 70572
Ion Ratio	Lower Upper
77 100	
105 98.1	75.6 115.6
106 91.7	72.0 112.0

Manual Integrations

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Supervised By :mohammad ahmed 11/27/2024



#10

Phenol

Concen: 52.477 ng

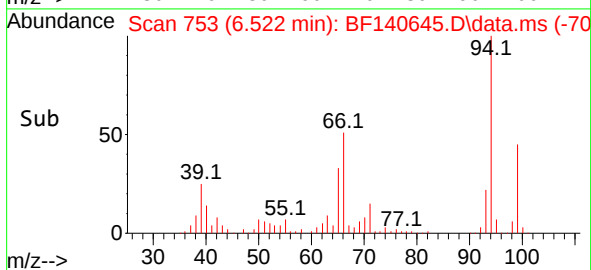
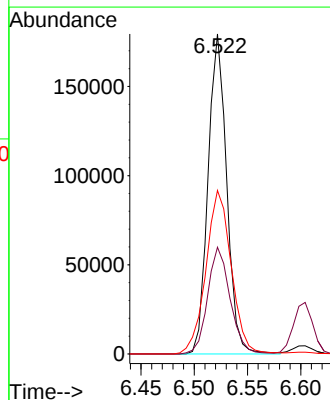
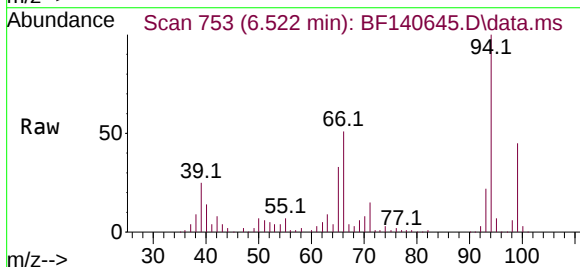
RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Tgt Ion: 94	Resp: 218963
Ion Ratio	Lower Upper
94 100	
65 33.4	17.2 57.2
66 51.1	39.2 79.2





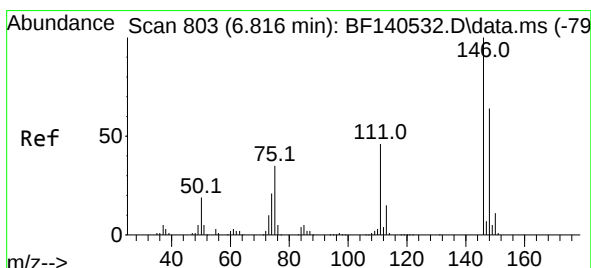
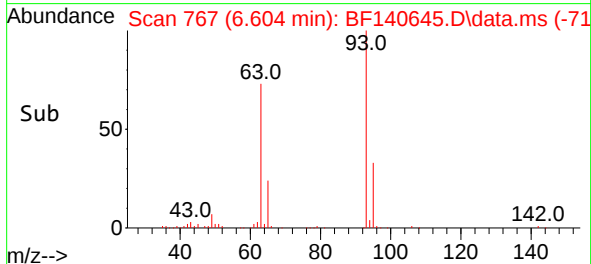
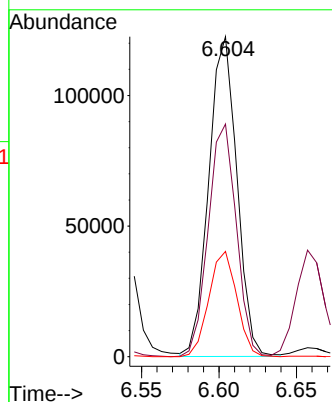
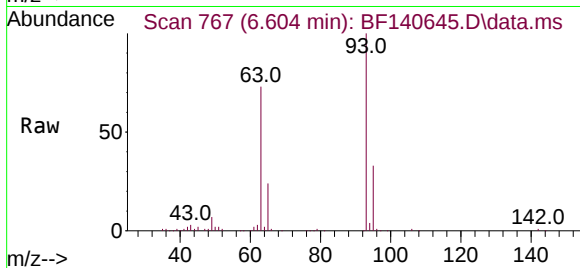
#11
bis(2-Chloroethyl)ether
Concen: 48.448 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion: 93 Resp: 15469
Ion Ratio Lower Upper
93 100
63 72.7 52.8 92.8
95 32.9 12.3 52.3

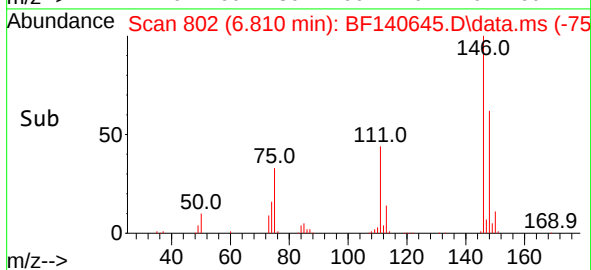
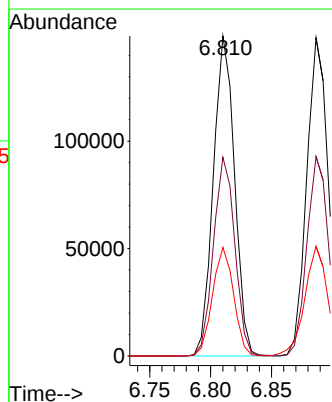
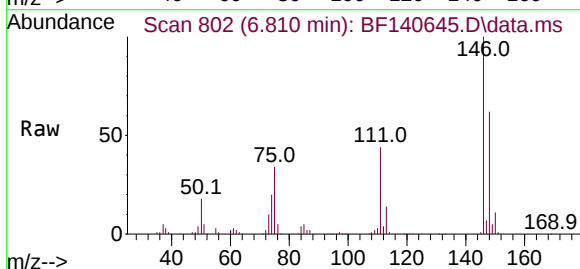
Manual Integrations
APPROVED

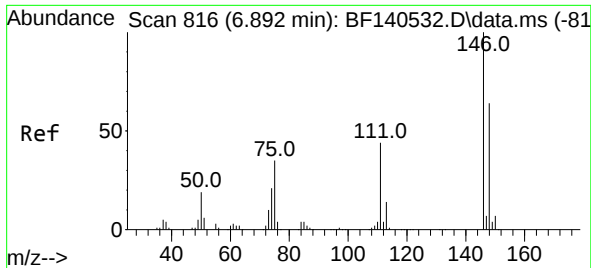
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#12
1,3-Dichlorobenzene
Concen: 48.398 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:146 Resp: 180819
Ion Ratio Lower Upper
146 100
148 62.1 51.3 76.9
75 33.9 28.2 42.2





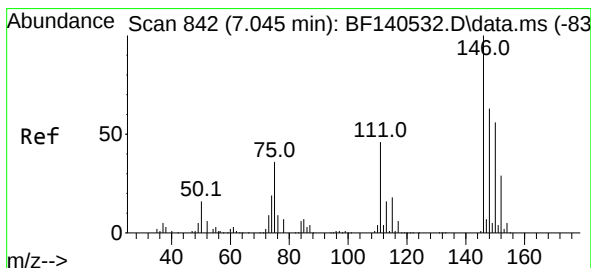
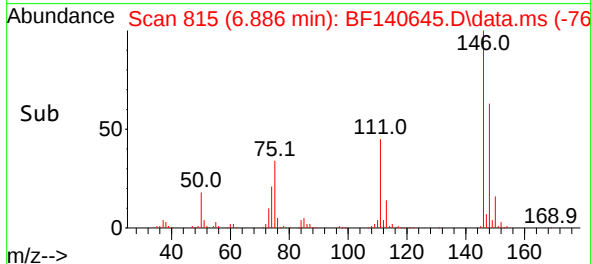
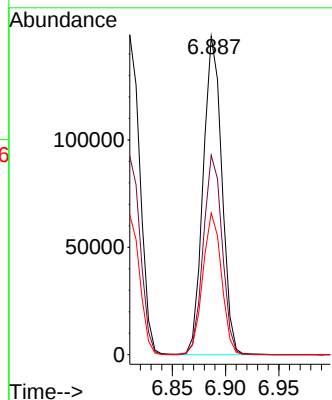
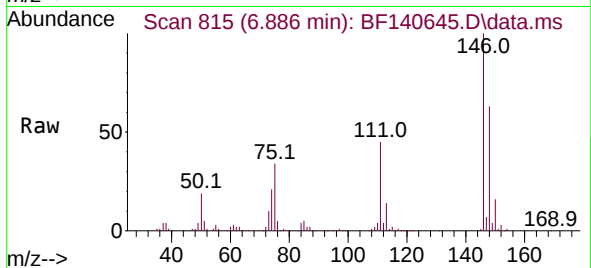
#13
1,4-Dichlorobenzene
Concen: 47.892 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion:146 Resp: 181170
Ion Ratio Lower Upper
146 100
148 62.7 51.0 76.6
111 44.5 35.3 52.9

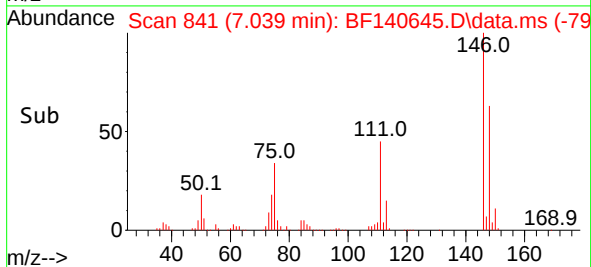
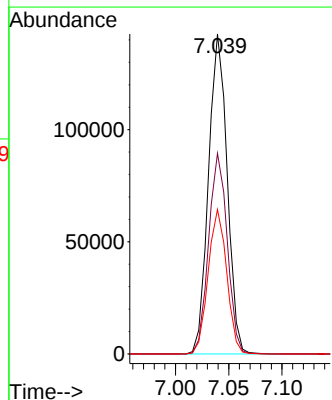
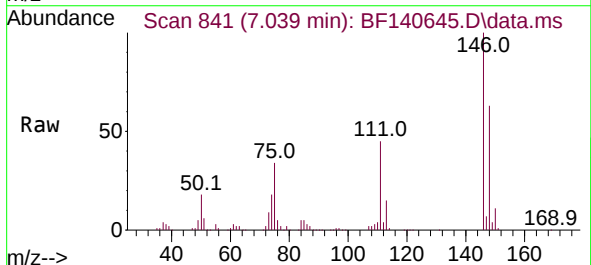
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 49.173 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

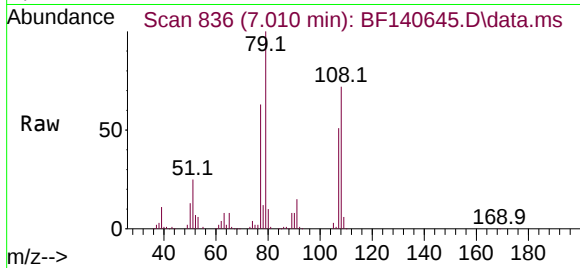
Tgt Ion:146 Resp: 174304
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 45.2 36.7 55.1





#15
Benzyl Alcohol
Concen: 49.685 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

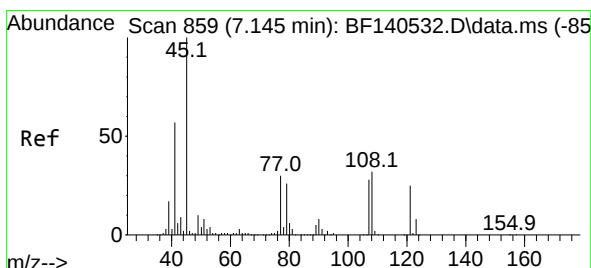
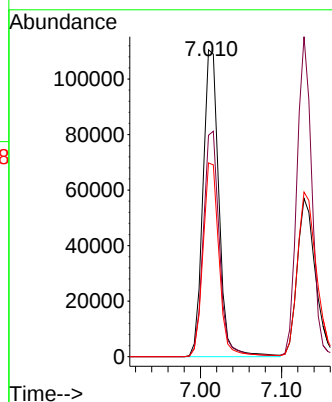
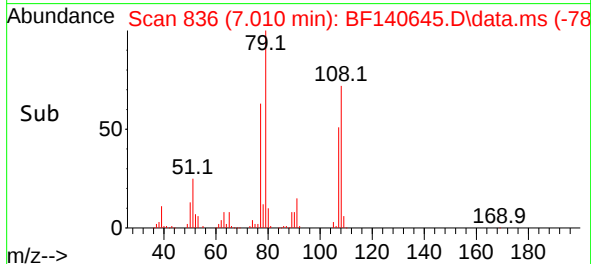
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion: 79 Resp: 15054
Ion Ratio Lower Upper
79 100
108 72.1 55.0 82.6
77 63.2 50.1 75.1

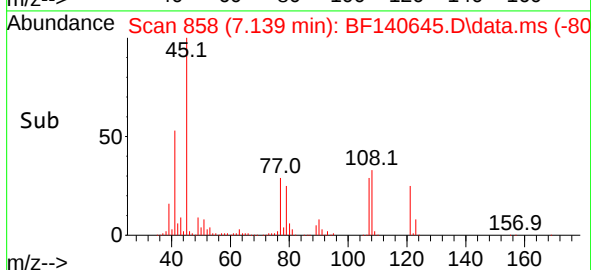
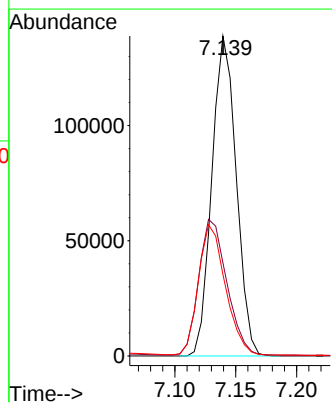
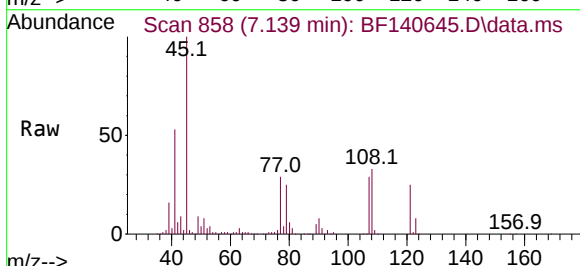
Manual Integrations
APPROVED

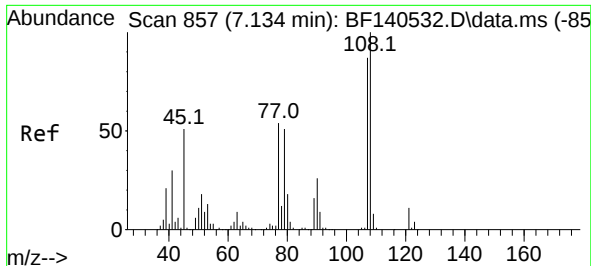
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.142 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion: 45 Resp: 192914
Ion Ratio Lower Upper
45 100
77 29.1 10.7 50.7
79 25.4 7.0 47.0





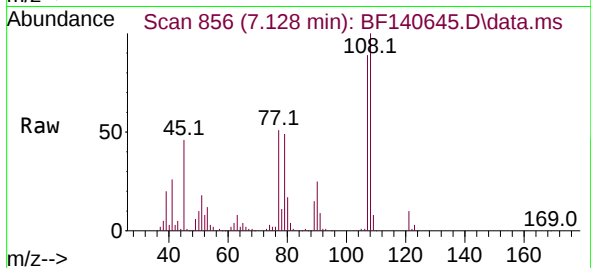
#17
2-Methylphenol
Concen: 48.868 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



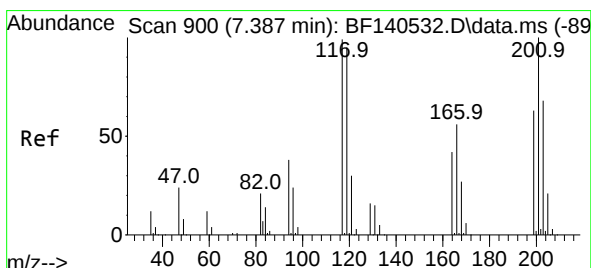
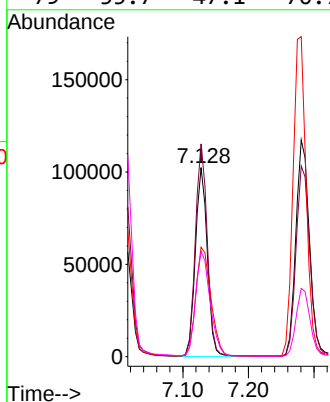
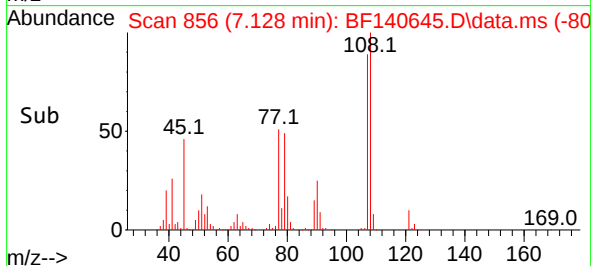
Tgt Ion:107 Resp: 13006
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 57.9 49.3 73.9
79 55.7 47.1 70.7

Manual Integrations

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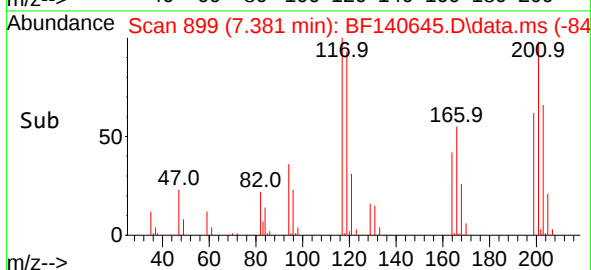
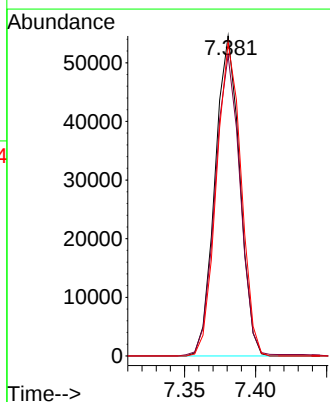
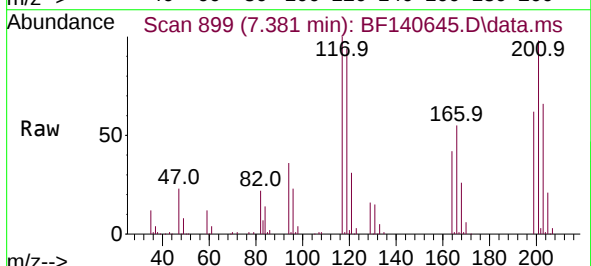
Reviewed By :Yogesh Patel 11/27/2024

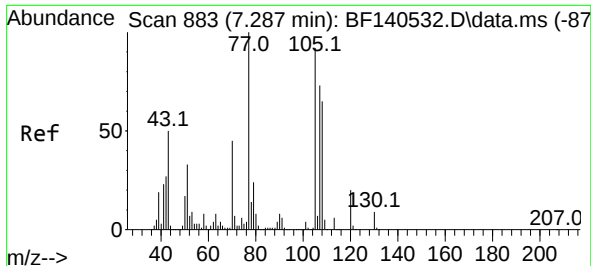
Supervised By :mohammad ahmed 11/27/2024



#18
Hexachloroethane
Concen: 46.569 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:117 Resp: 65796
Ion Ratio Lower Upper
117 100
119 93.9 77.1 115.7
201 97.8 81.1 121.7





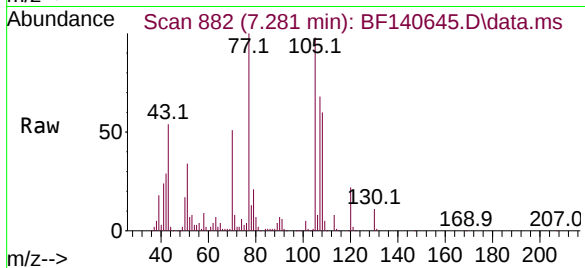
#19
n-Nitroso-di-n-propylamine
Concen: 48.030 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



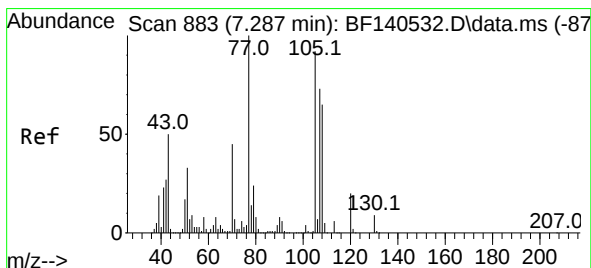
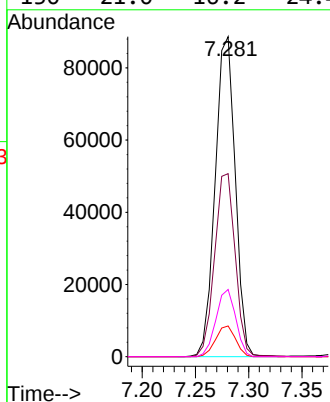
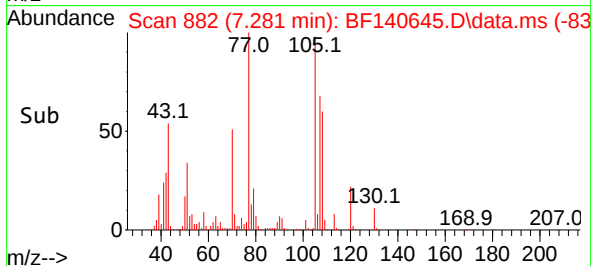
Tgt Ion: 70 Resp: 115978
Ion Ratio Lower Upper
70 100
42 57.2 47.6 71.4
101 9.6 7.6 11.4
130 21.0 16.2 24.4

Manual Integrations

APPROVED

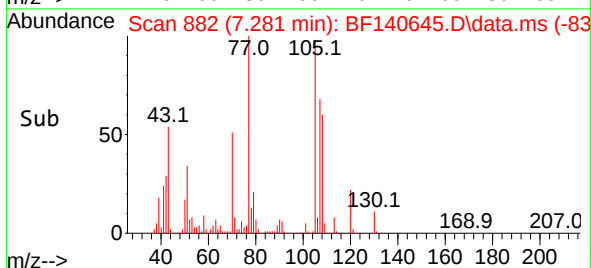
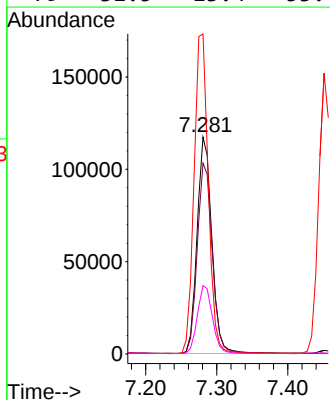
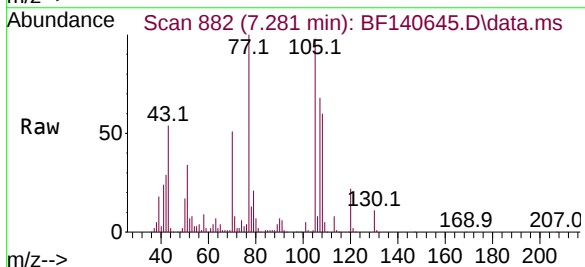
Reviewed By :Yogesh Patel 11/27/2024

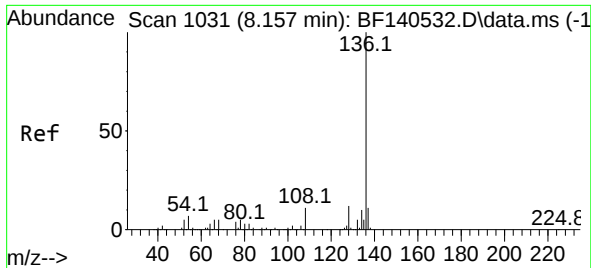
Supervised By :mohammad ahmed 11/27/2024



#20
3+4-Methylphenols
Concen: 49.612 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:107 Resp: 169725
Ion Ratio Lower Upper
107 100
108 88.0 69.9 109.9
77 147.6 117.7 157.7
79 31.5 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: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

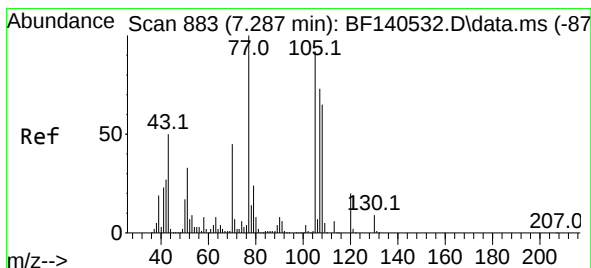
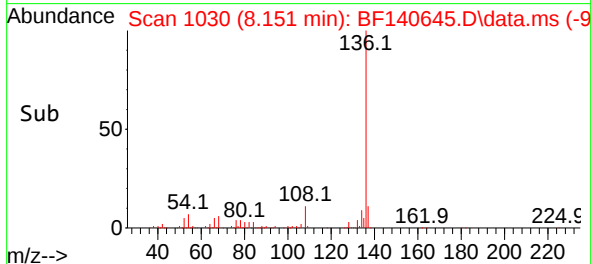
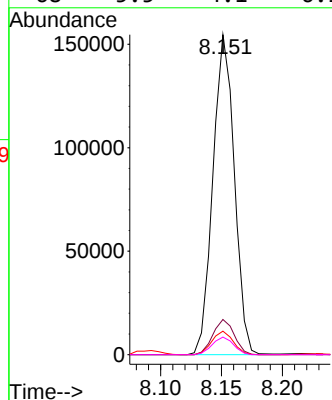
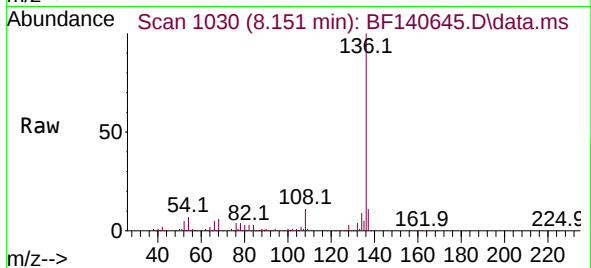
MH-756-WCMSD

Tgt Ion:136 Resp: 18939
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 7.3 5.8 8.8
68 5.5 4.1 6.1

Manual Integrations

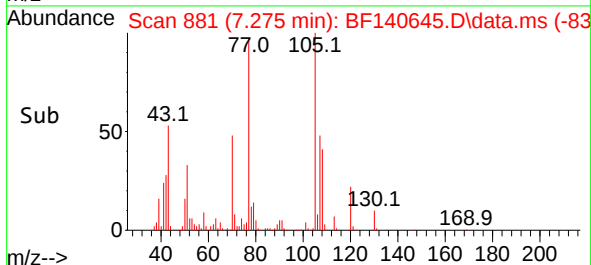
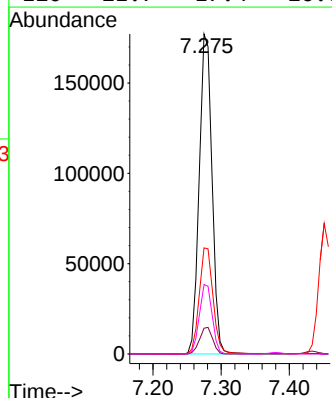
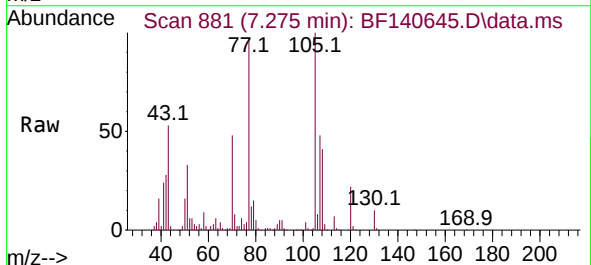
APPROVED

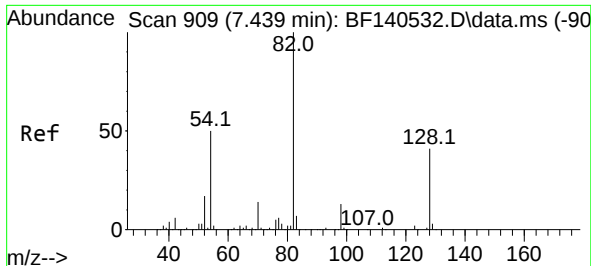
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 50.103 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:105 Resp: 231342
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 33.2 29.0 43.6
120 21.7 17.4 26.0





#23
Nitrobenzene-d5
Concen: 70.688 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

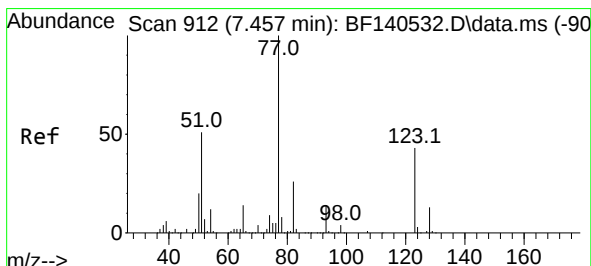
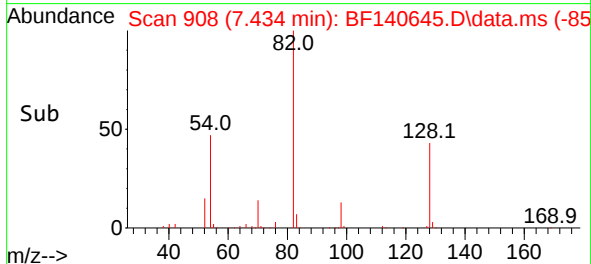
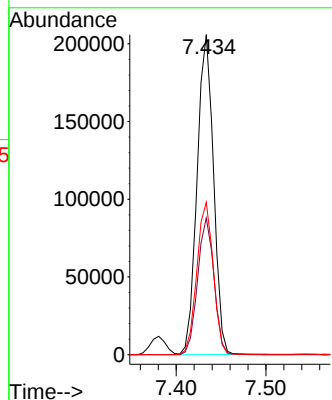
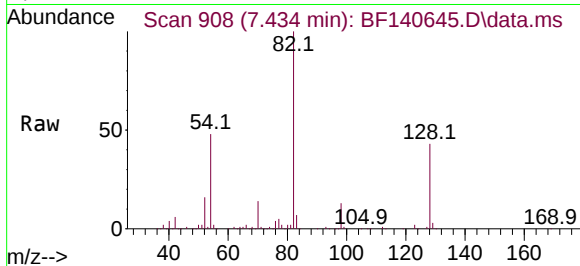
ClientSampleId :

MH-756-WCMSD

Tgt Ion: 82 Resp: 261734
Ion Ratio Lower Upper
82 100
128 42.8 33.0 49.4
54 47.6 39.5 59.3

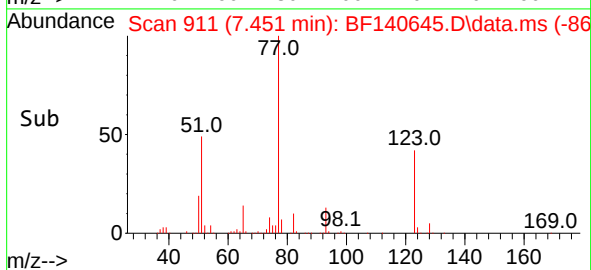
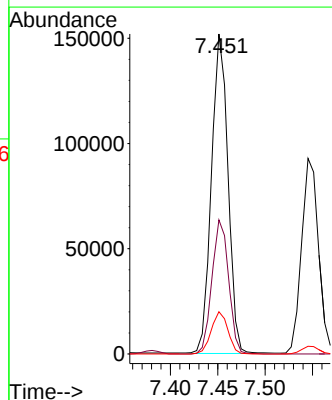
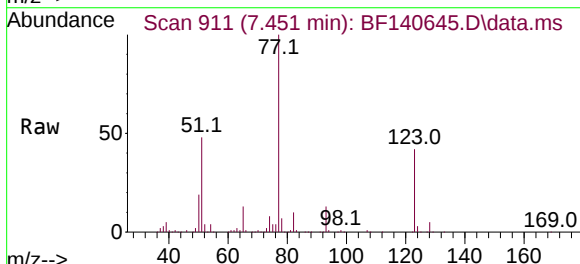
Manual Integrations
APPROVED

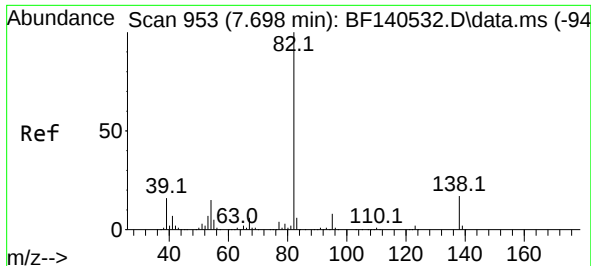
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#24
Nitrobenzene
Concen: 48.182 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion: 77 Resp: 184383
Ion Ratio Lower Upper
77 100
123 41.9 34.3 51.5
65 13.2 11.2 16.8





#25
Isophorone
Concen: 50.520 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

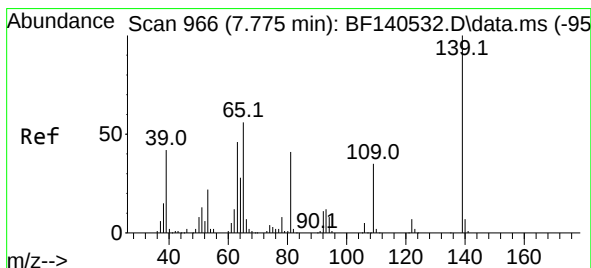
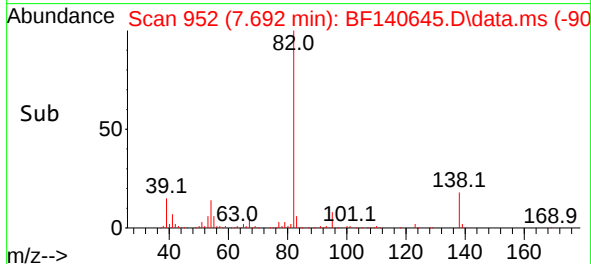
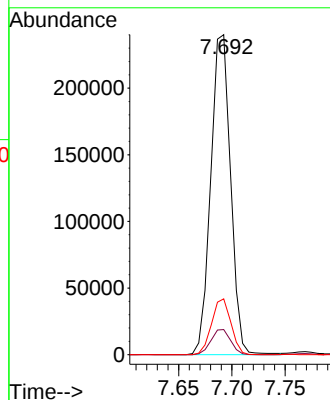
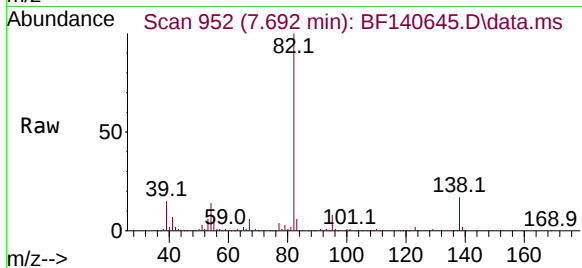
MH-756-WCMSD

Tgt Ion: 82 Resp: 31200
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.5 13.8 20.6

Manual Integrations

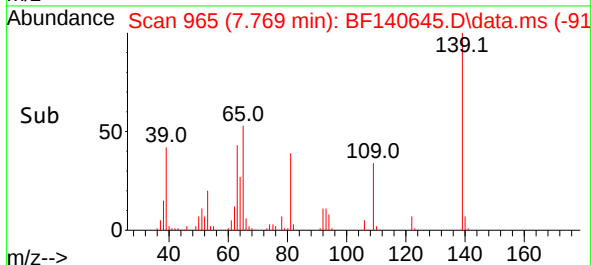
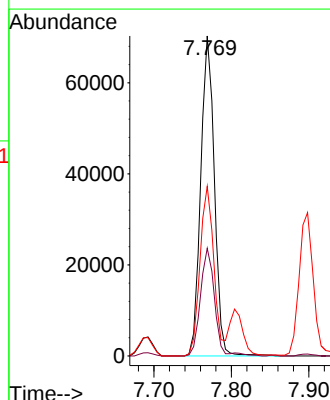
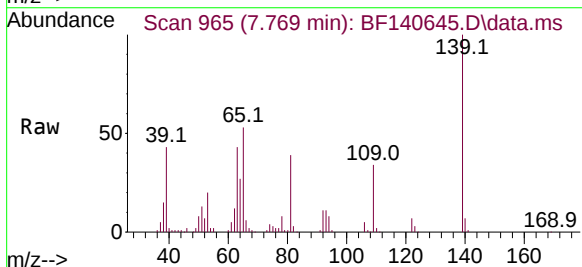
APPROVED

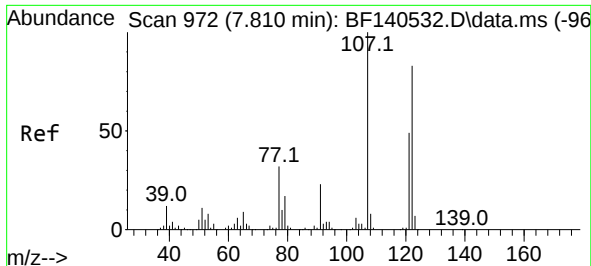
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 50.738 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

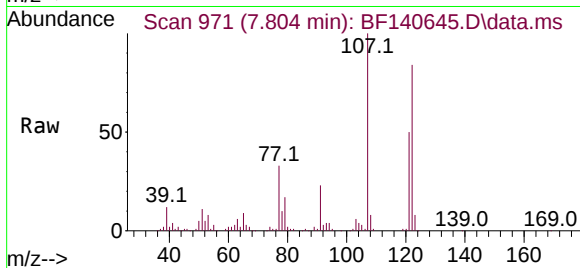
Tgt Ion:139 Resp: 86046
Ion Ratio Lower Upper
139 100
109 33.6 28.0 42.0
65 53.0 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 63.019 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

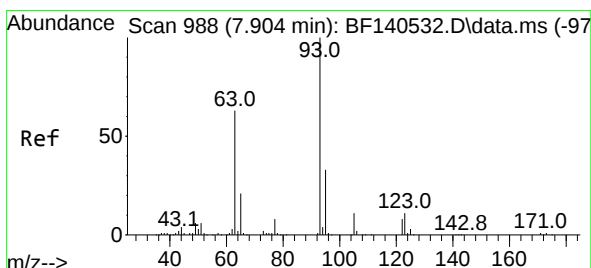
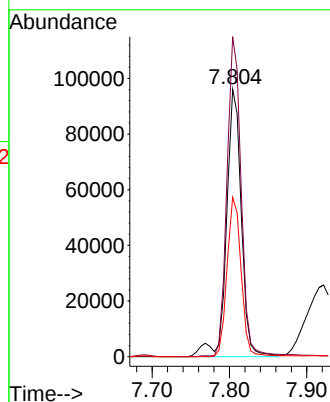
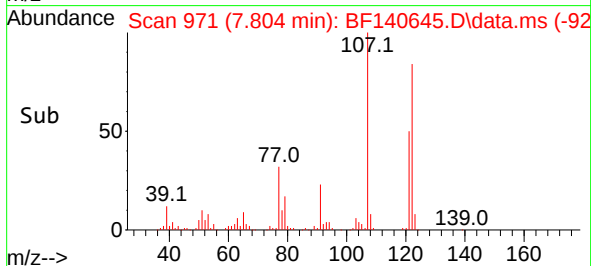
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:122 Resp: 12787
Ion Ratio Lower Upper
122 100
107 119.7 96.8 145.2
121 59.6 47.4 71.0

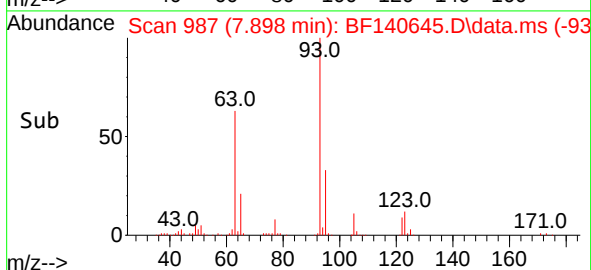
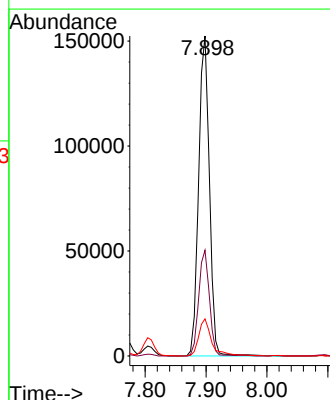
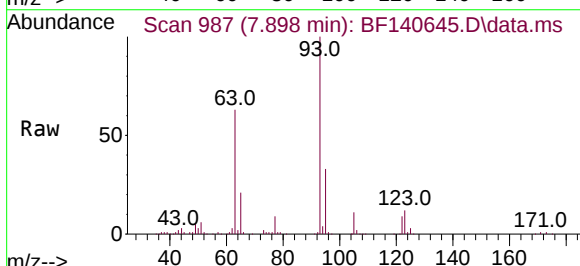
Manual Integrations
APPROVED

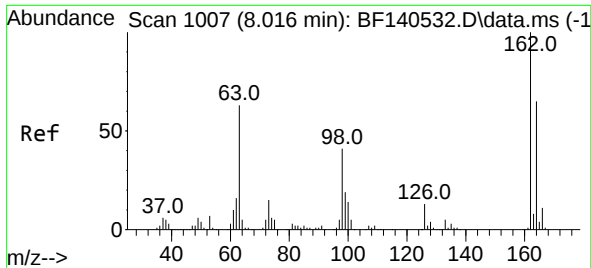
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 49.799 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion: 93 Resp: 187359
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.6 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 50.181 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

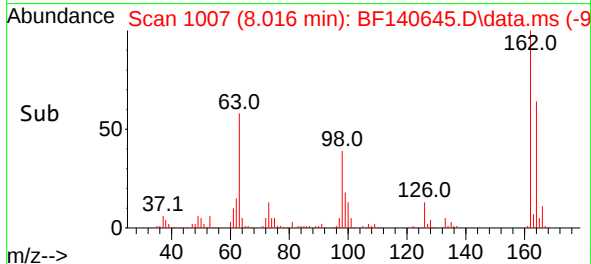
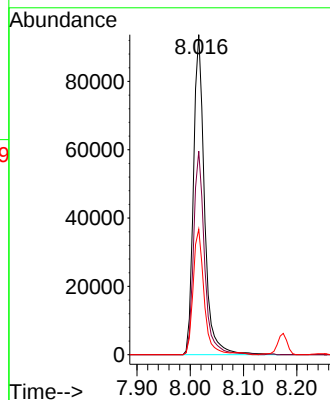
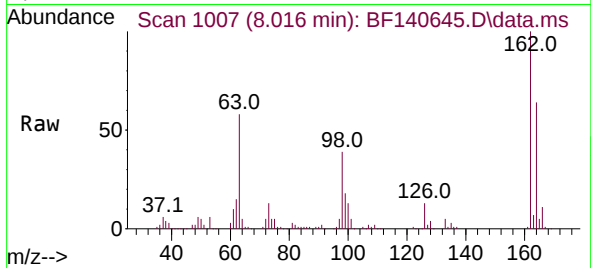
Tgt Ion:162 Resp: 134920
 Ion Ratio Lower Upper
 162 100
 164 63.6 44.8 84.8
 98 39.2 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#30

1,2,4-Trichlorobenzene

Concen: 46.681 ng

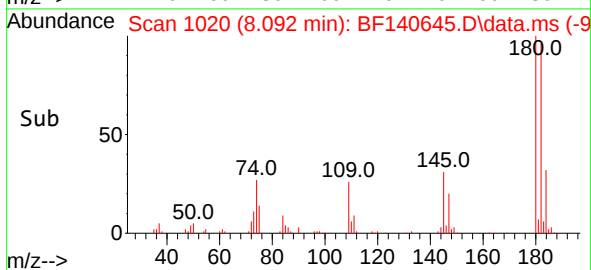
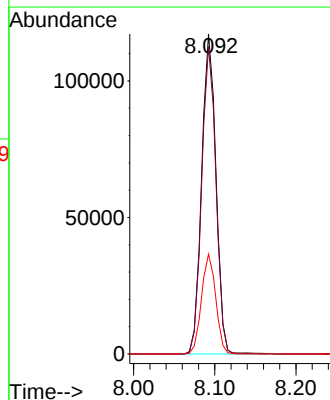
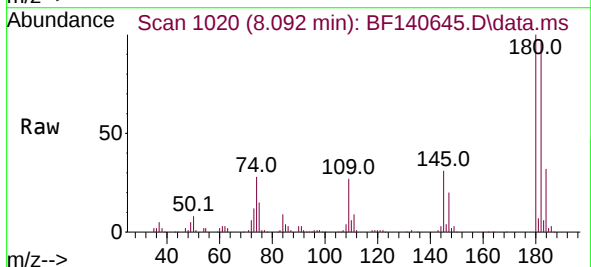
RT: 8.092 min Scan# 1020

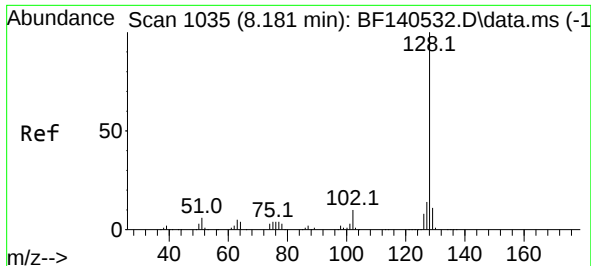
Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Tgt Ion:180 Resp: 143305
 Ion Ratio Lower Upper
 180 100
 182 96.0 76.4 114.6
 145 31.2 25.9 38.9





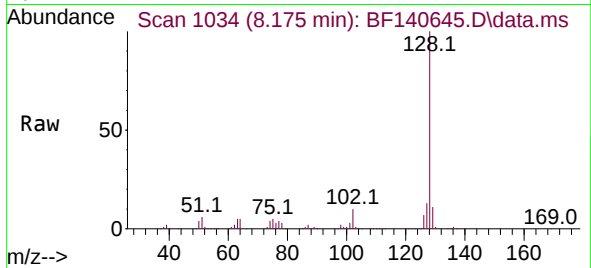
#31
Naphthalene
Concen: 48.908 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

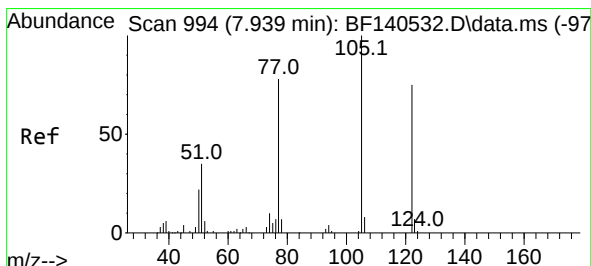
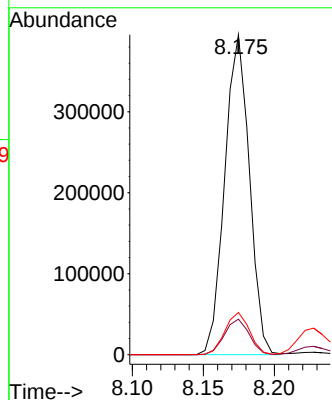
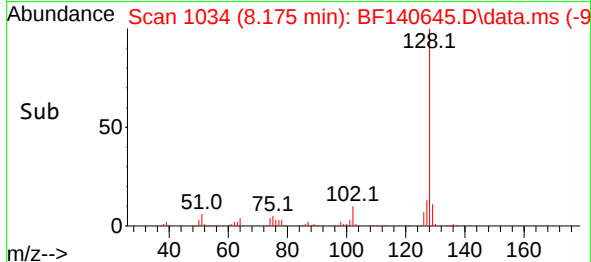


Tgt Ion:128 Resp: 47712
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.2 10.8 16.2

Manual Integrations

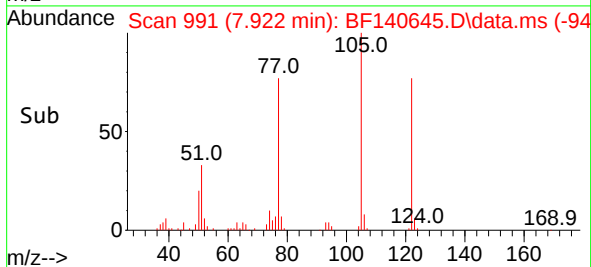
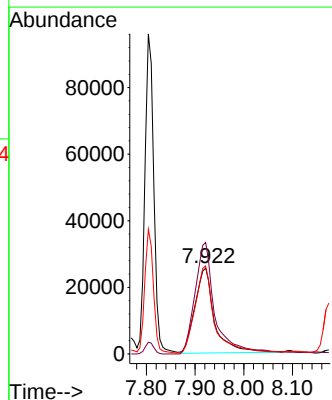
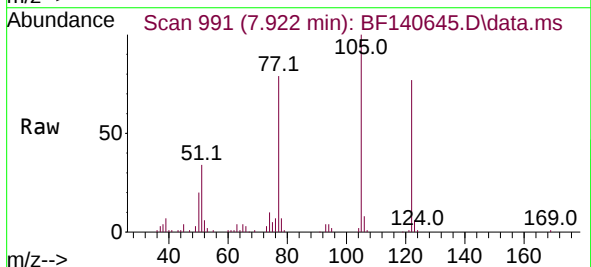
APPROVED

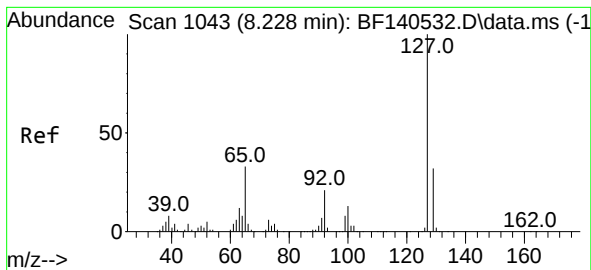
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 41.698 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.017 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:122 Resp: 71666
Ion Ratio Lower Upper
122 100
105 129.9 109.3 149.3
77 102.5 82.3 122.3





#33
4-Chloroaniline
Concen: 19.647 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

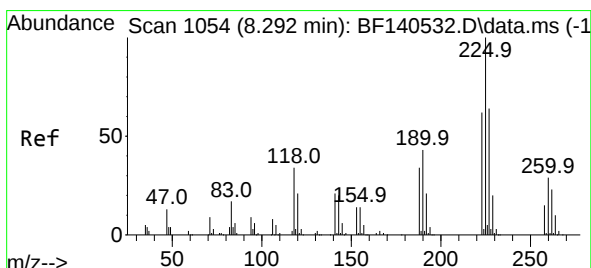
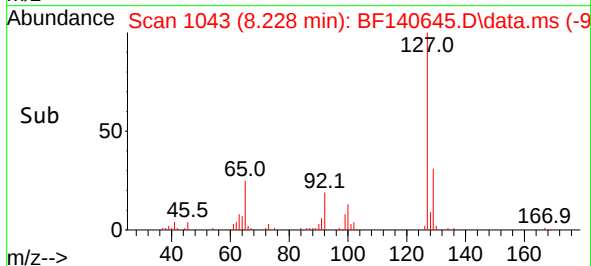
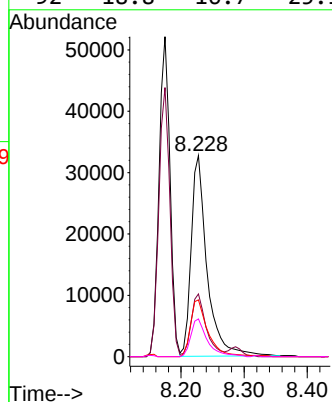
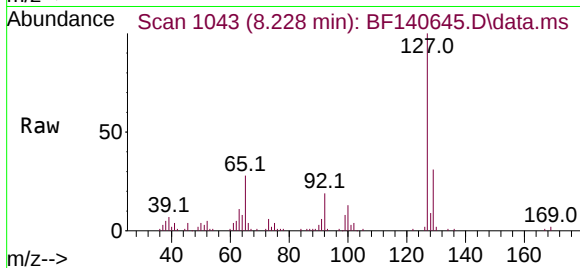
Tgt Ion:127 Resp: 57384
Ion Ratio Lower Upper
127 100
129 31.2 26.0 39.0
65 28.2 26.0 39.0
92 18.8 16.7 25.1

Manual Integrations

APPROVED

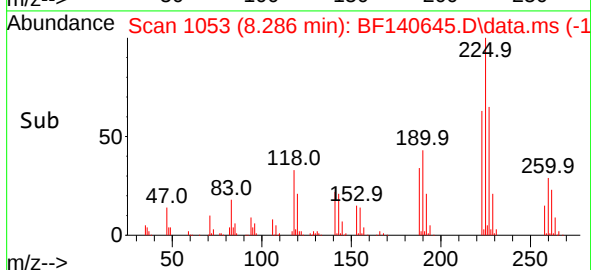
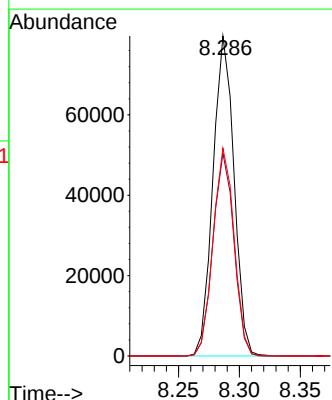
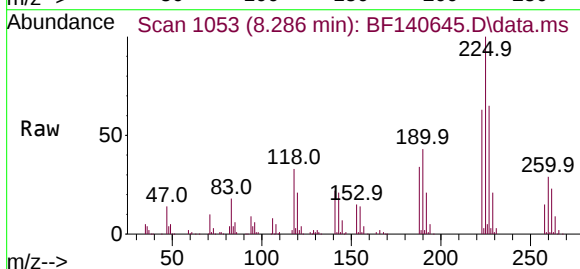
Reviewed By :Yogesh Patel 11/27/2024

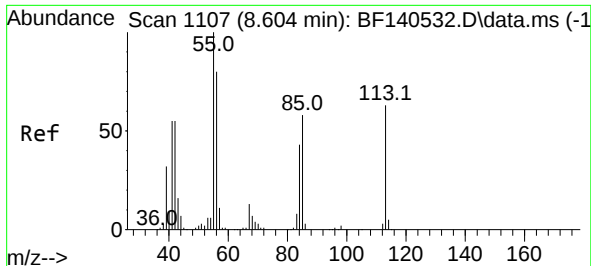
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 46.971 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

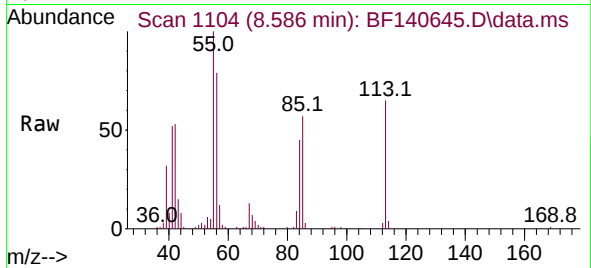
Tgt Ion:225 Resp: 95508
Ion Ratio Lower Upper
225 100
223 63.3 49.8 74.8
227 65.0 51.3 76.9





#35
Caprolactam
Concen: 52.056 ng
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

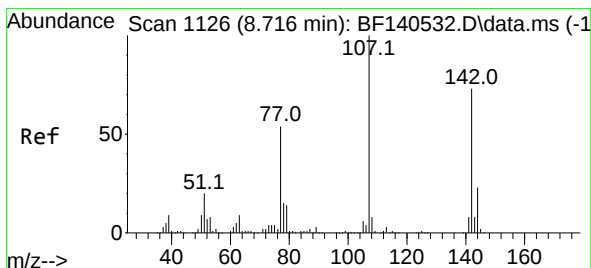
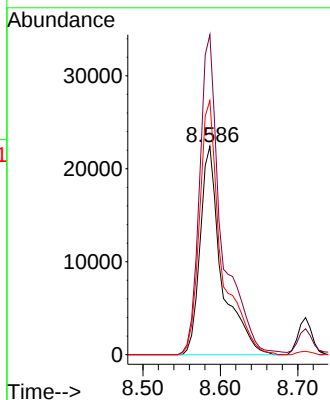
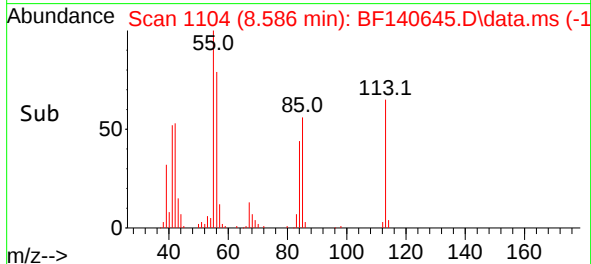
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:113 Resp: 43314
Ion Ratio Lower Upper
113 100
55 153.6 137.7 177.7
56 122.0 106.4 146.4

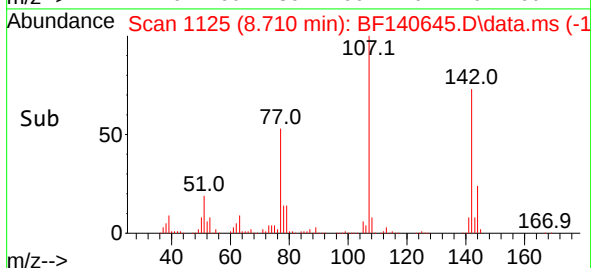
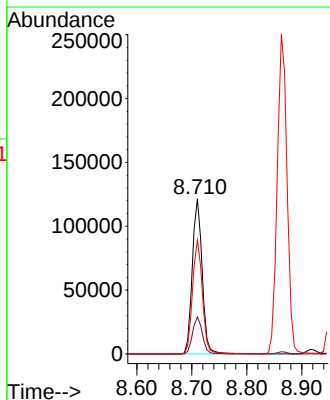
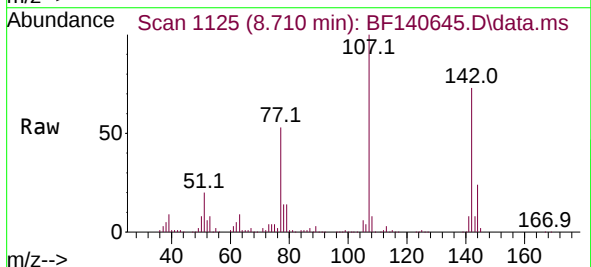
Manual Integrations
APPROVED

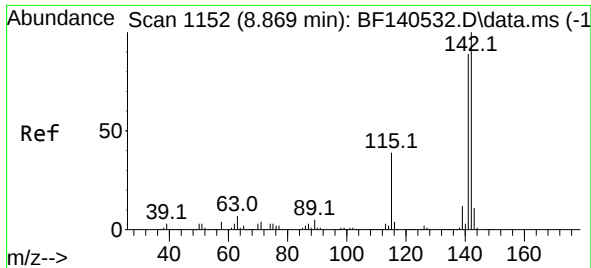
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#36
4-Chloro-3-methylphenol
Concen: 50.481 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:107 Resp: 151964
Ion Ratio Lower Upper
107 100
144 23.9 18.7 28.1
142 73.4 58.3 87.5





#37
2-Methylnaphthalene
Concen: 50.285 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

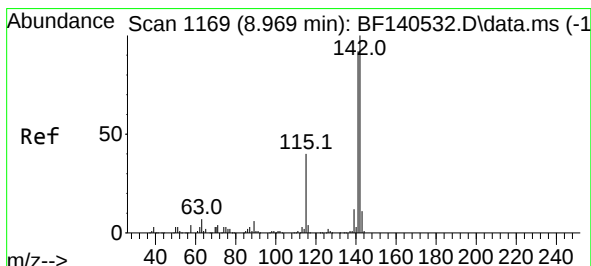
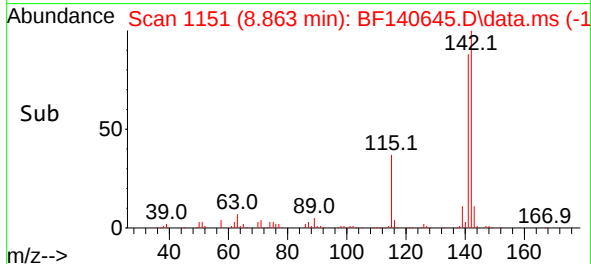
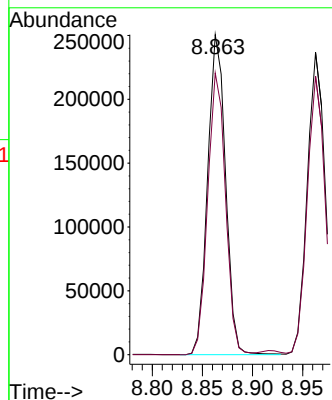
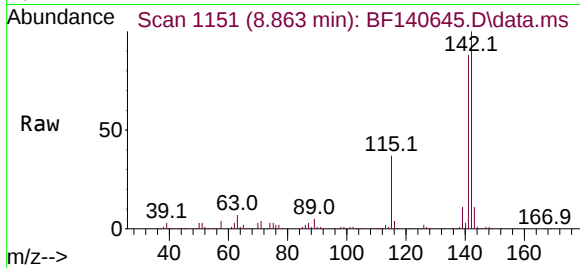
MH-756-WCMSD

Tgt Ion:142 Resp: 311580
Ion Ratio Lower Upper
142 100
141 88.0 71.0 106.6

Manual Integrations

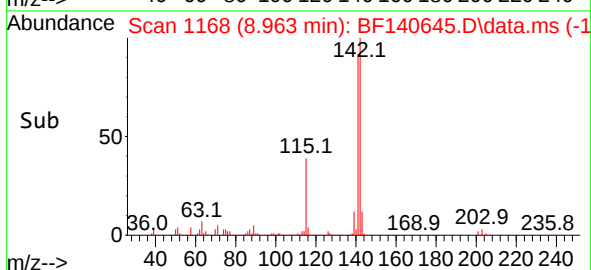
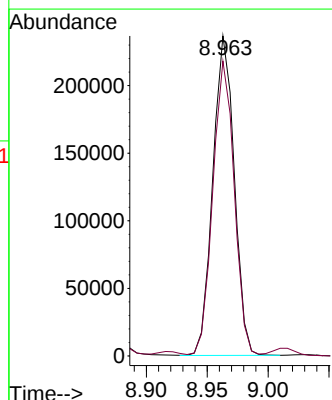
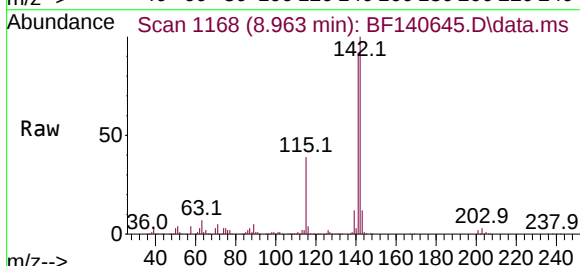
APPROVED

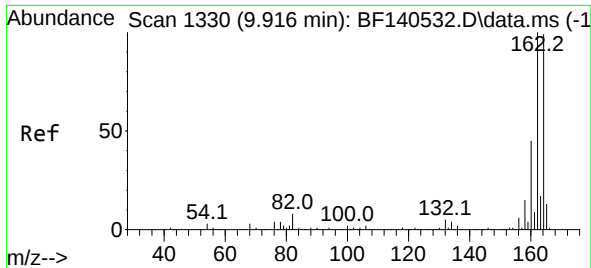
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 47.602 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:142 Resp: 289113
Ion Ratio Lower Upper
142 100
141 92.2 73.3 109.9





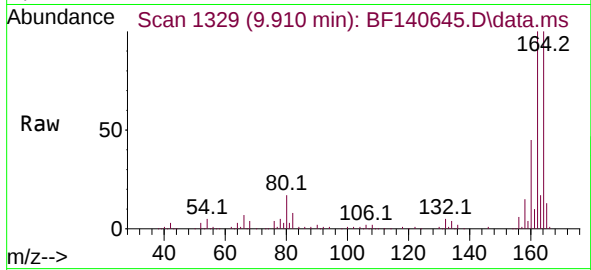
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



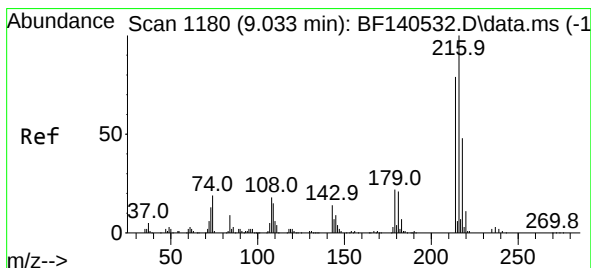
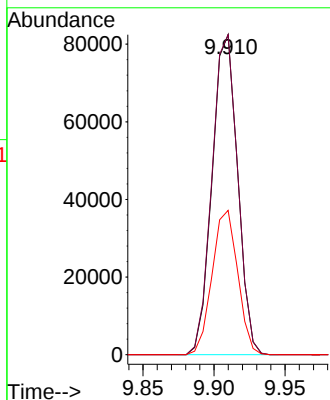
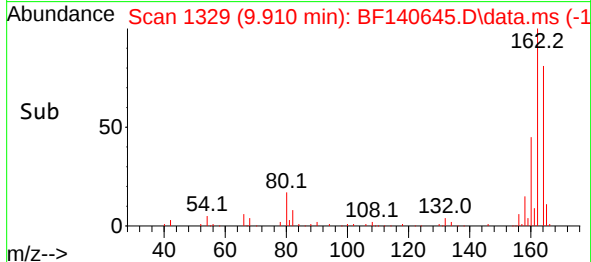
Tgt Ion:164 Resp: 102689
Ion Ratio Lower Upper
164 100
162 100.0 80.6 120.8
160 45.1 36.2 54.4

Manual Integrations

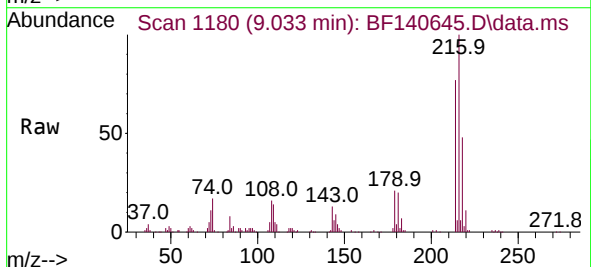
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

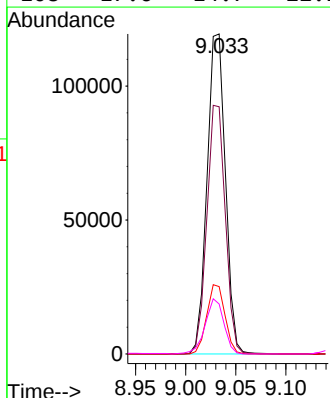
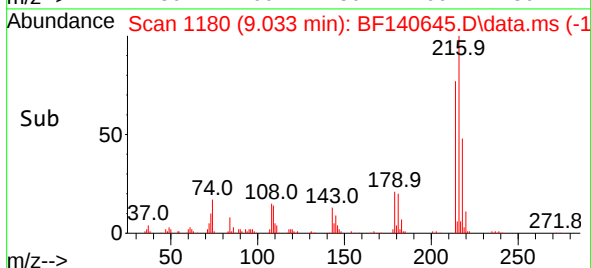
Supervised By :mohammad ahmed 11/27/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.746 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



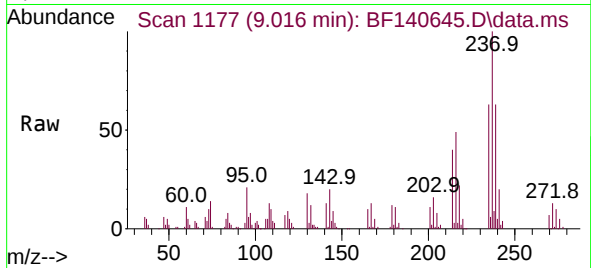
Tgt Ion:216 Resp: 152554
Ion Ratio Lower Upper
216 100
214 77.8 63.0 94.4
179 21.5 17.5 26.3
108 17.6 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 81.355 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

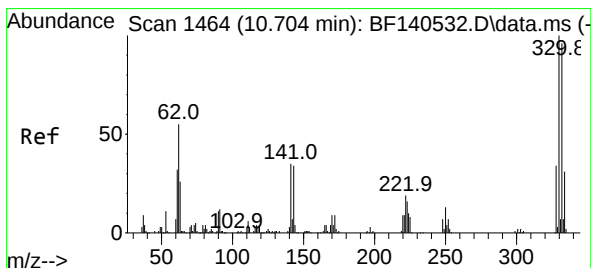
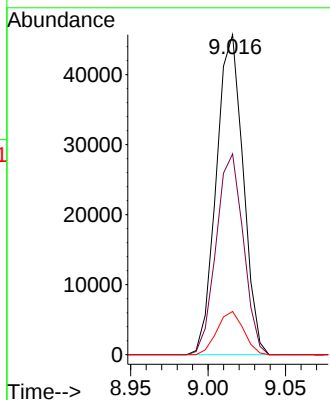
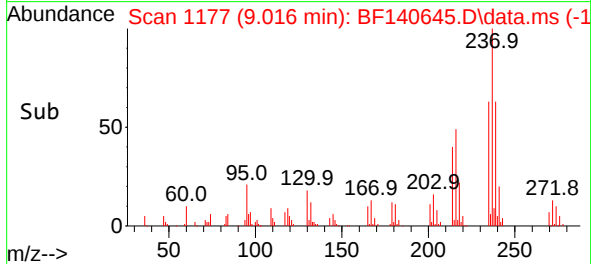
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



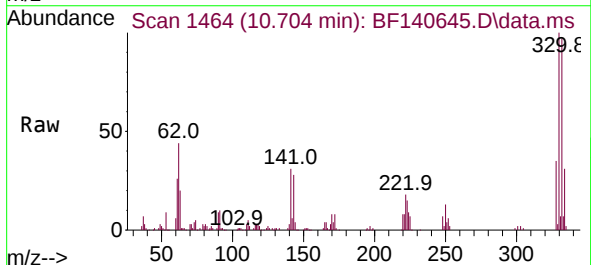
Tgt Ion:237 Resp: 55060
Ion Ratio Lower Upper
237 100
235 62.7 41.1 81.1
272 13.5 0.0 32.6

Manual Integrations
APPROVED

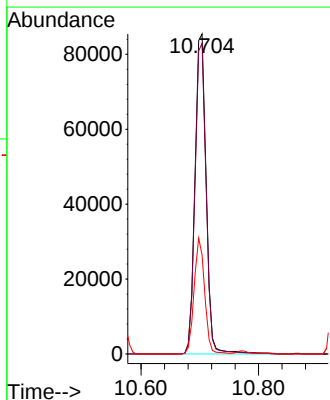
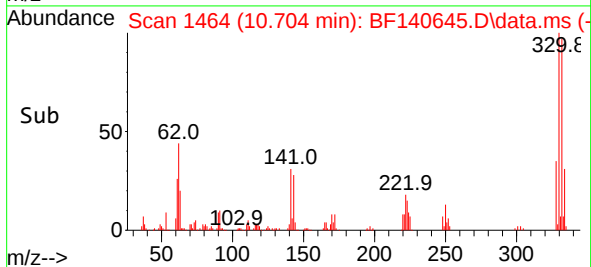
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#42
2,4,6-Tribromophenol
Concen: 102.935 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:330 Resp: 113050
Ion Ratio Lower Upper
330 100
332 96.6 76.9 115.3
141 34.2 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 52.186 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion:196 Resp: 9844

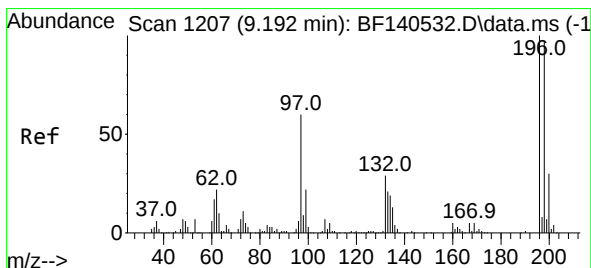
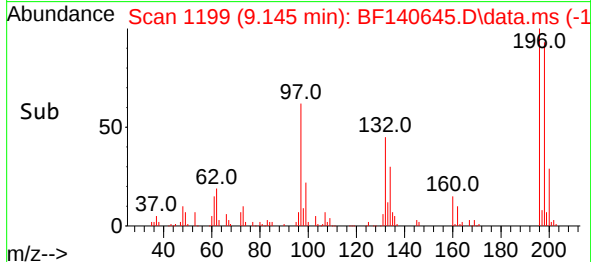
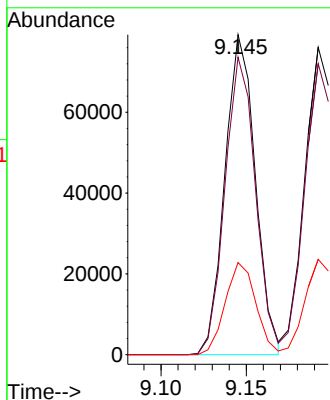
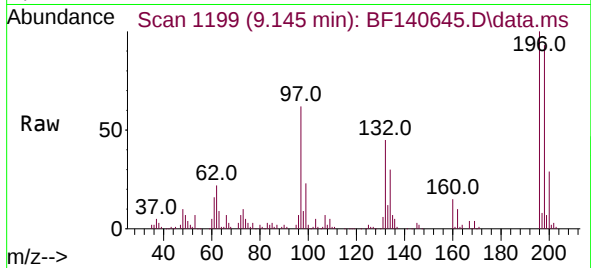
Ion	Ratio	Lower	Upper
196	100		
198	93.0	76.8	115.2
200	28.8	24.3	36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 51.065 ng

RT: 9.192 min Scan# 1207

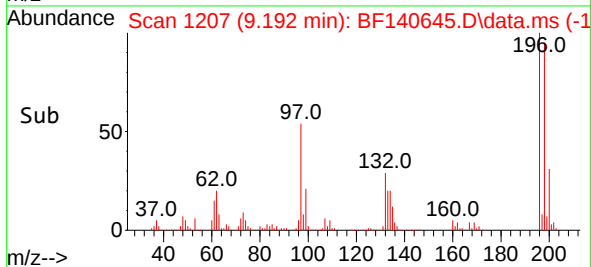
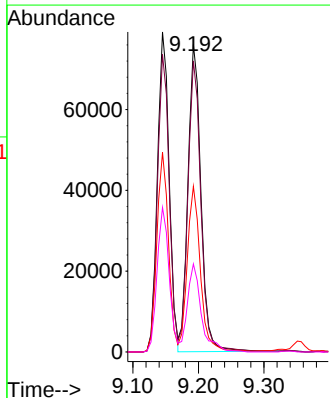
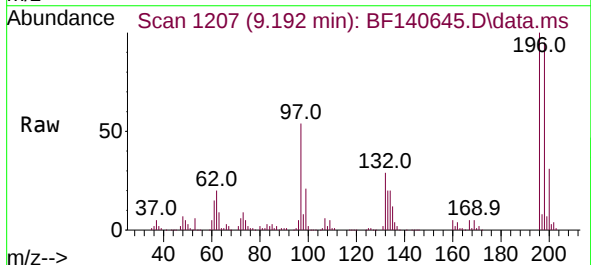
Delta R.T. -0.000 min

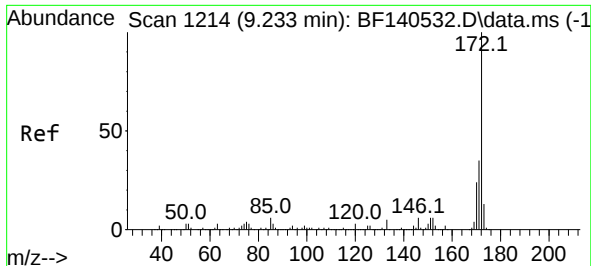
Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Tgt Ion:196 Resp: 104544

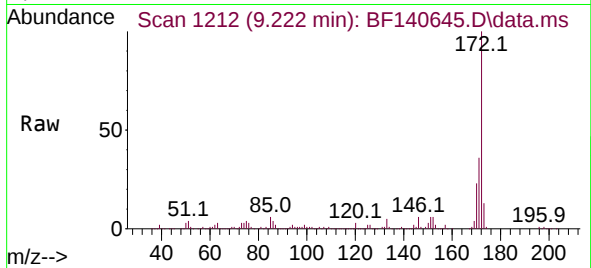
Ion	Ratio	Lower	Upper
196	100		
198	94.7	77.2	115.8
97	53.9	47.1	70.7
132	28.6	24.1	36.1





#45
2-Fluorobiphenyl
Concen: 69.650 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

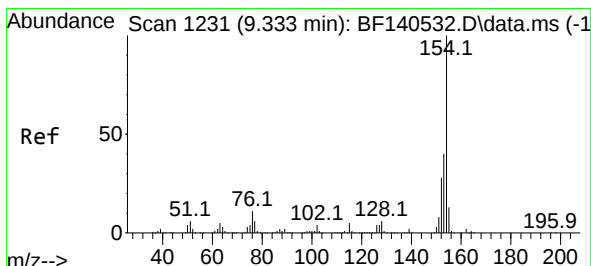
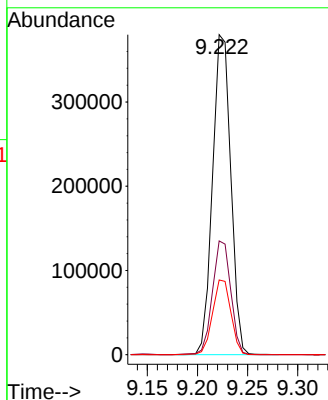
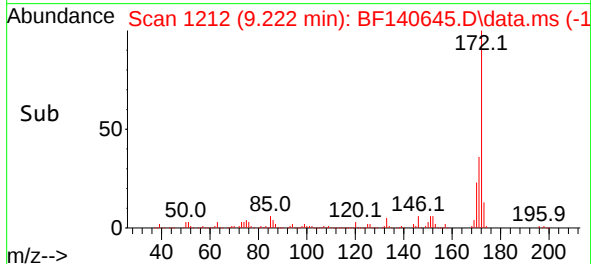
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



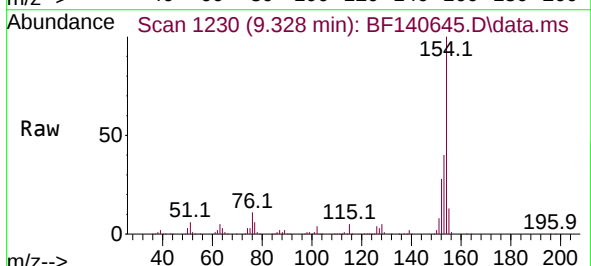
Tgt Ion:172 Resp: 48003
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 19.0 28.6

Manual Integrations
APPROVED

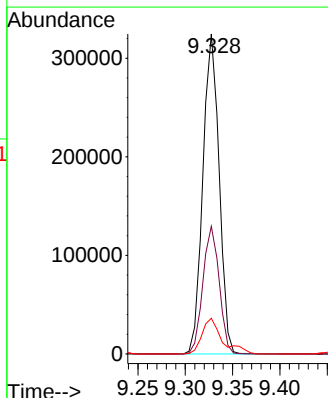
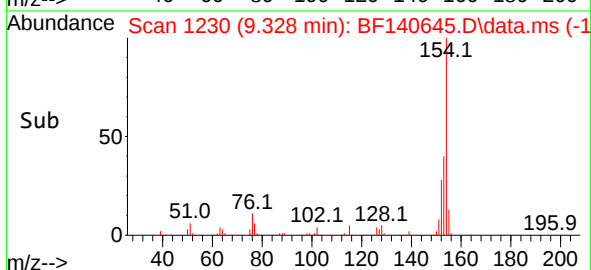
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

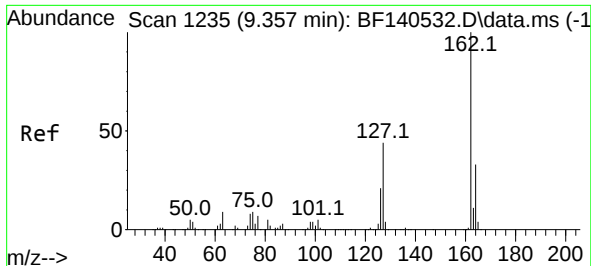


#46
1,1'-Biphenyl
Concen: 50.551 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:154 Resp: 387567
Ion Ratio Lower Upper
154 100
153 39.9 20.4 60.4
76 11.1 0.0 31.2





#47

2-Chloronaphthalene

Concen: 49.366 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.000 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

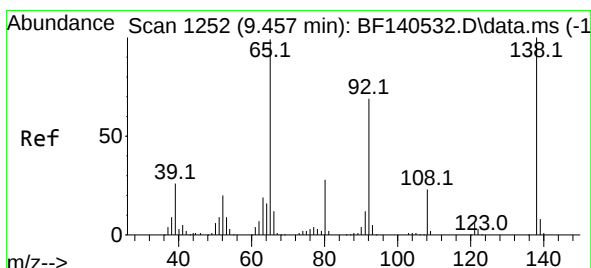
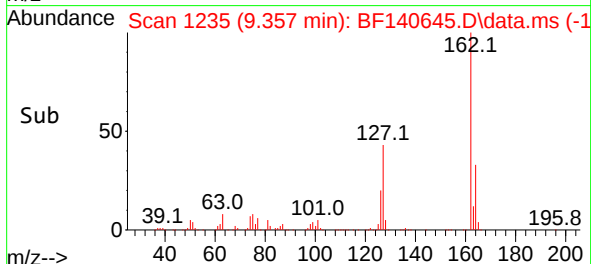
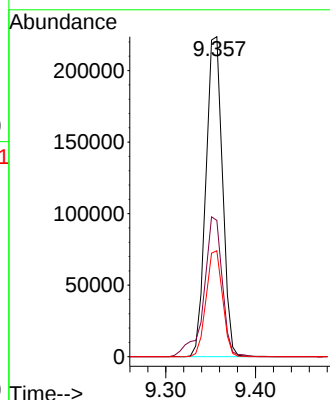
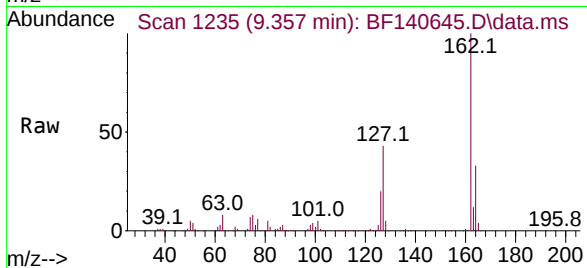
ClientSampleId :

MH-756-WCMSD

Tgt Ion:162 Resp: 286785
 Ion Ratio Lower Upper
 162 100
 127 42.6 35.7 53.5
 164 33.1 26.1 39.1

Manual Integrations
 APPROVED

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



#48

2-Nitroaniline

Concen: 52.014 ng

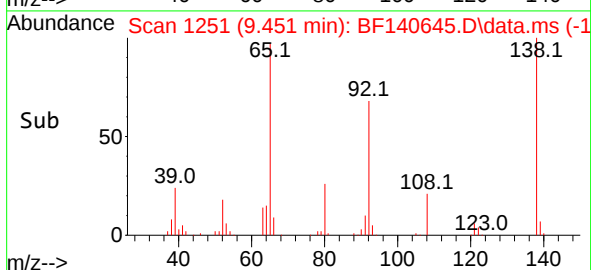
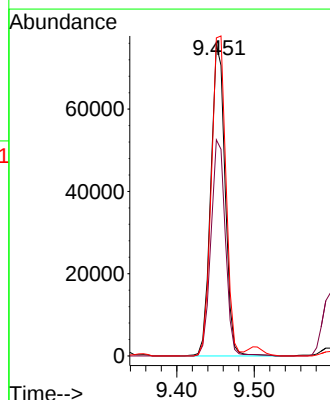
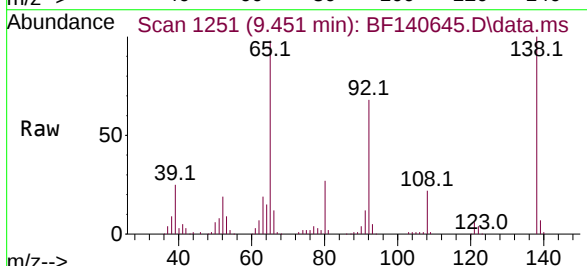
RT: 9.451 min Scan# 1251

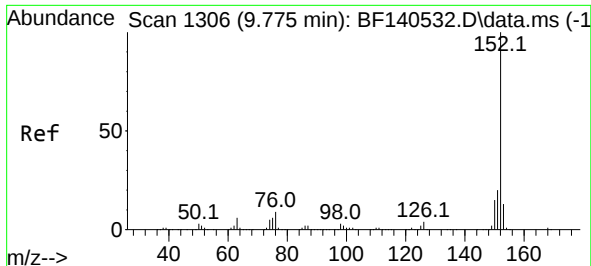
Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Tgt Ion: 65 Resp: 96990
 Ion Ratio Lower Upper
 65 100
 92 69.4 56.1 84.1
 138 102.1 81.0 121.6





#49
Acenaphthylene
Concen: 53.705 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

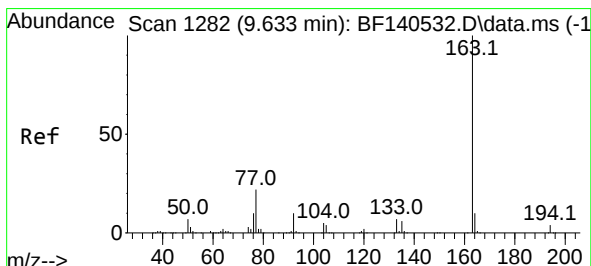
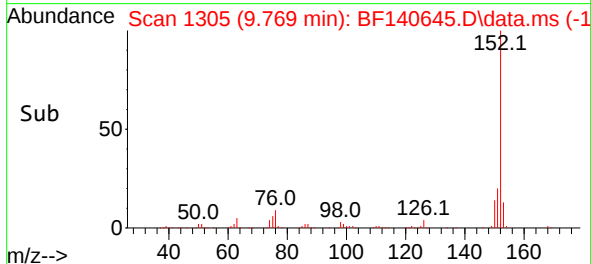
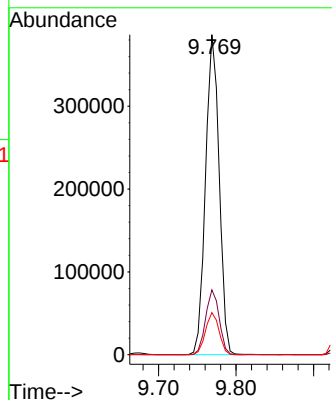
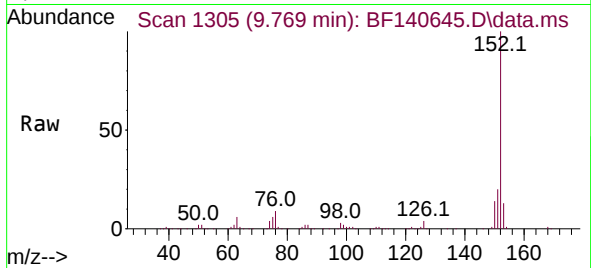
ClientSampleId :

MH-756-WCMSD

Tgt Ion:152 Resp: 47140
Ion Ratio Lower Upper
152 100
151 20.3 15.9 23.9
153 13.1 10.6 16.0

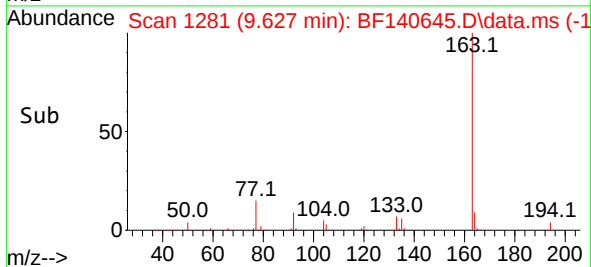
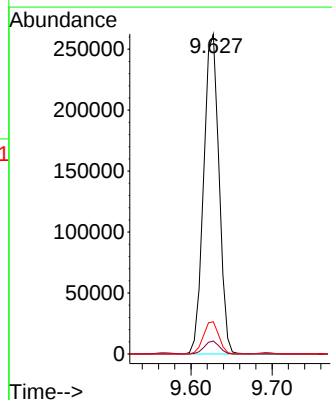
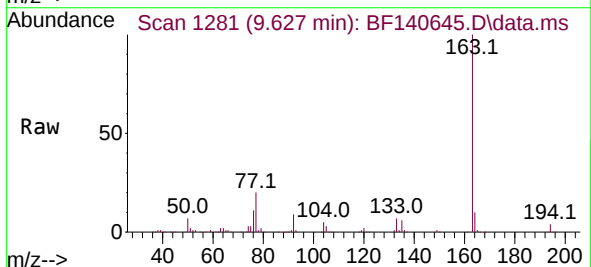
Manual Integrations
APPROVED

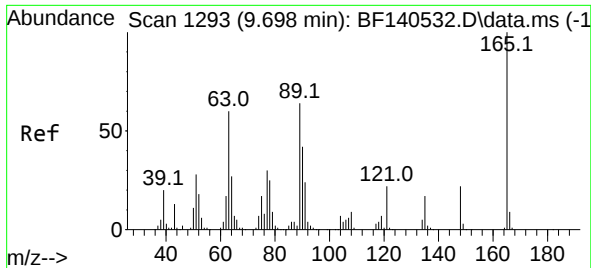
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#50
Dimethylphthalate
Concen: 50.911 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:163 Resp: 344315
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 10.1 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 49.653 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

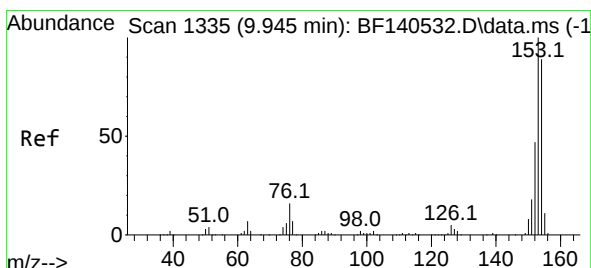
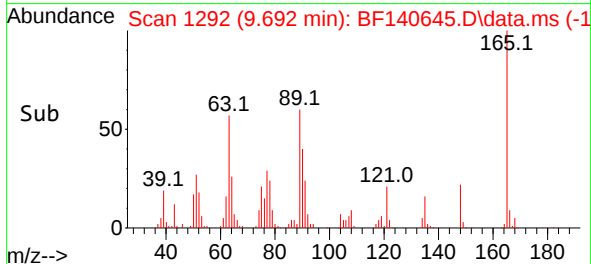
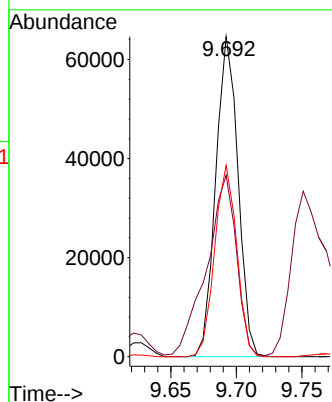
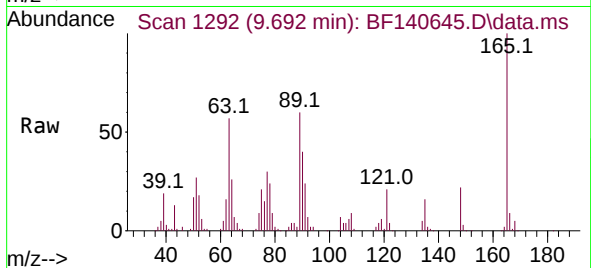
MH-756-WCMSD

Tgt Ion:165 Resp: 76159
Ion Ratio Lower Upper
165 100
63 56.6 49.9 74.9
89 59.8 50.9 76.3

Manual Integrations

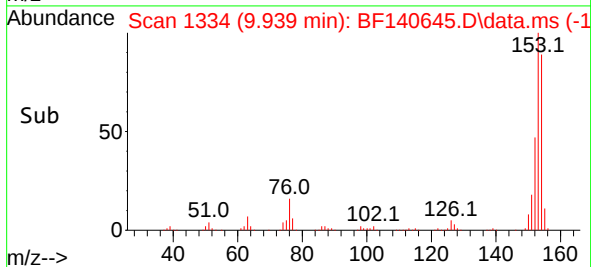
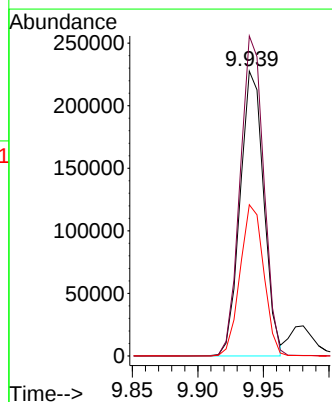
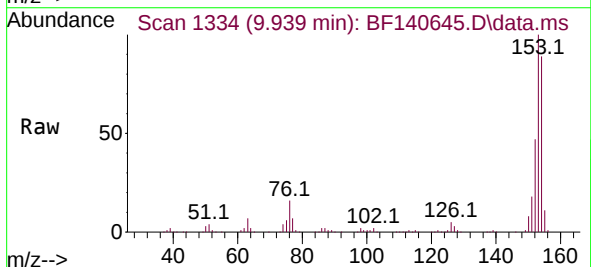
APPROVED

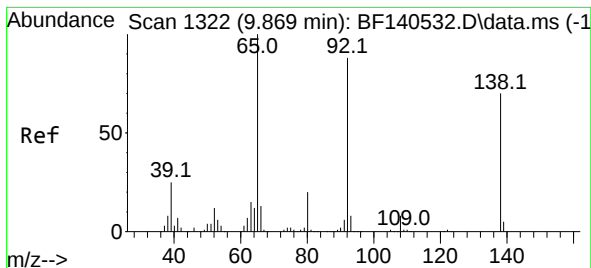
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#52
Acenaphthene
Concen: 51.311 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:154 Resp: 286167
Ion Ratio Lower Upper
154 100
153 112.4 89.7 134.5
152 53.1 42.5 63.7





#53
3-Nitroaniline
Concen: 31.961 ng
RT: 9.863 min Scan# 1321
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

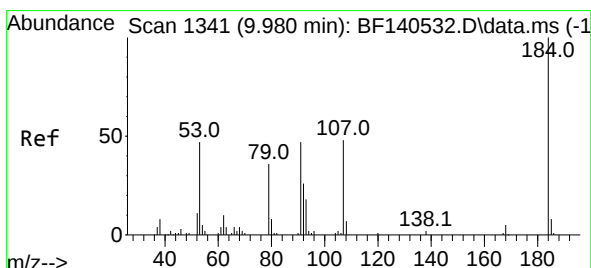
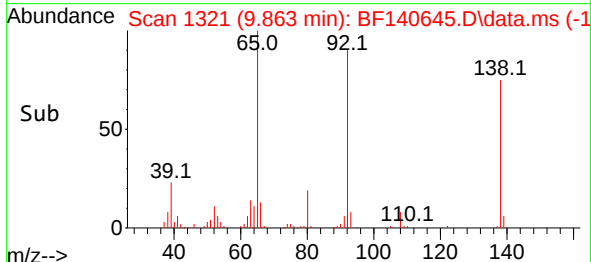
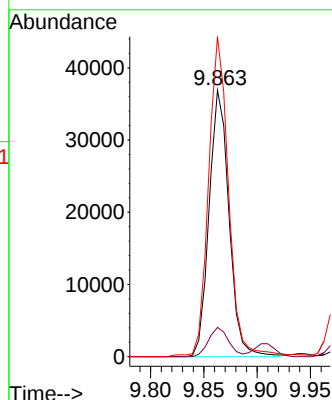
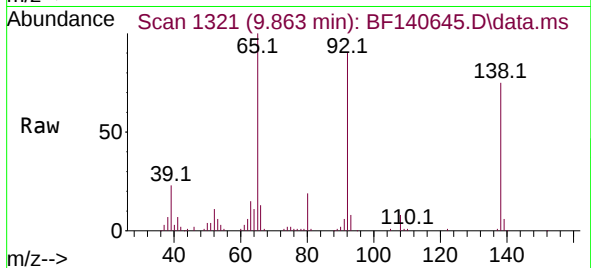
MH-756-WCMSD

Tgt Ion:138 Resp: 4794
Ion Ratio Lower Upper
138 100
108 11.0 9.2 13.8
92 120.1 100.6 150.8

Manual Integrations

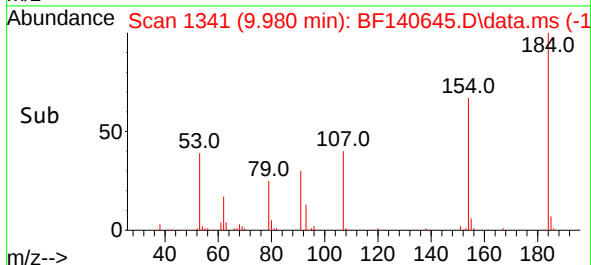
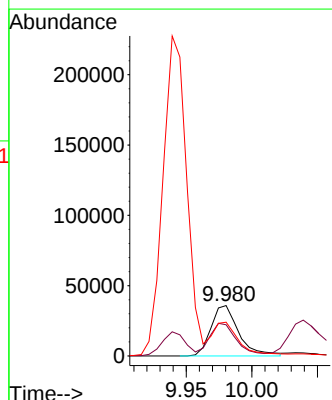
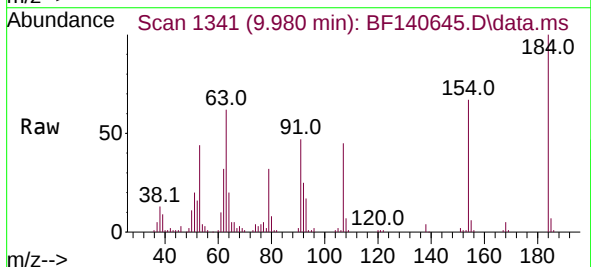
APPROVED

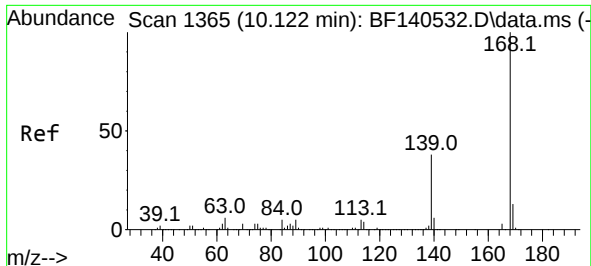
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 67.820 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

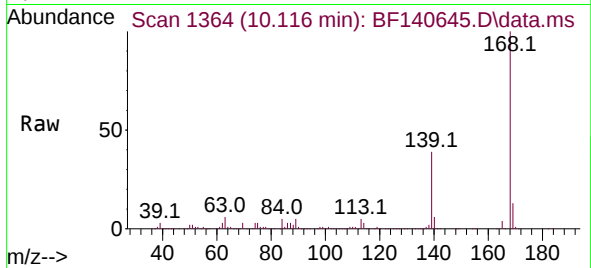
Tgt Ion:184 Resp: 52826
Ion Ratio Lower Upper
184 100
63 61.9 54.1 81.1
154 67.1 57.4 86.0





#55
Dibenzofuran
Concen: 50.702 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

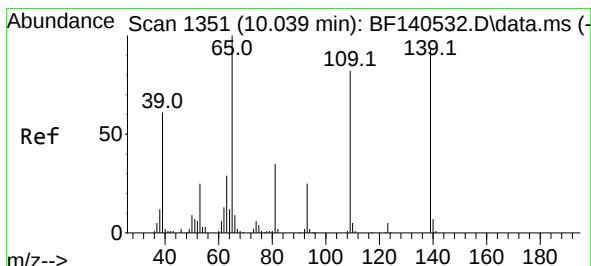
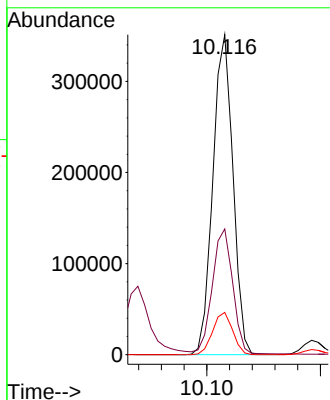
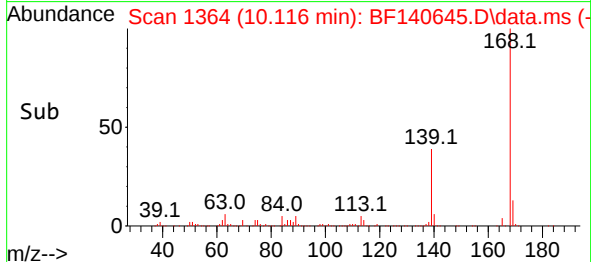
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:168 Resp: 431317
Ion Ratio Lower Upper
168 100
139 39.3 31.3 46.9
169 13.2 10.5 15.7

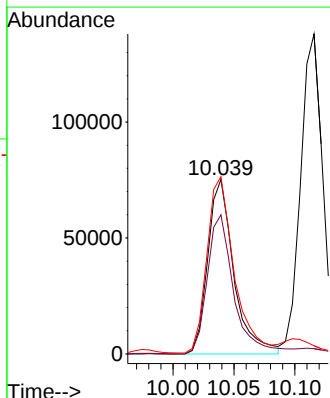
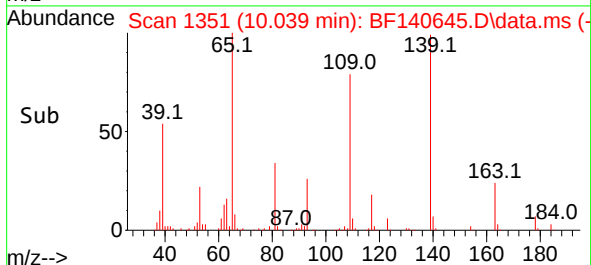
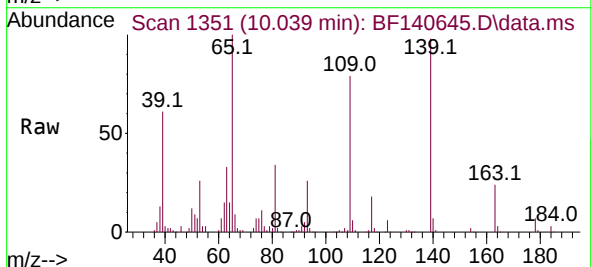
Manual Integrations
APPROVED

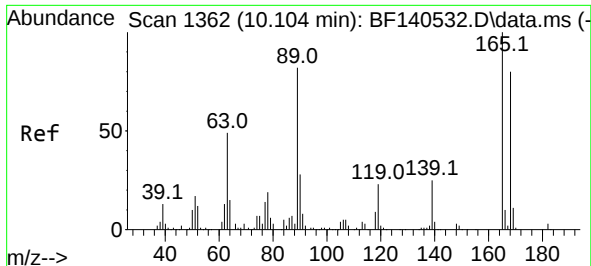
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 109.412 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:139 Resp: 111939
Ion Ratio Lower Upper
139 100
109 79.9 68.4 108.4
65 101.6 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 50.727 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

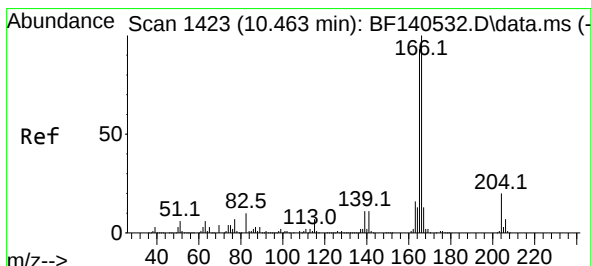
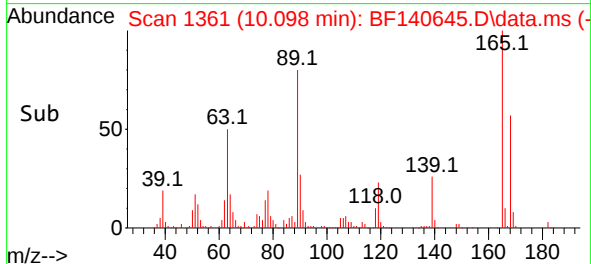
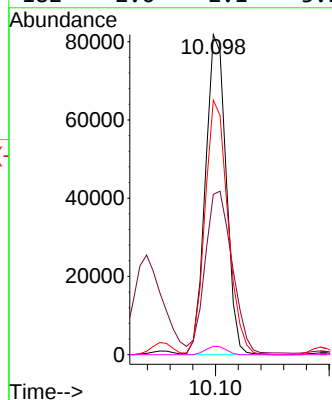
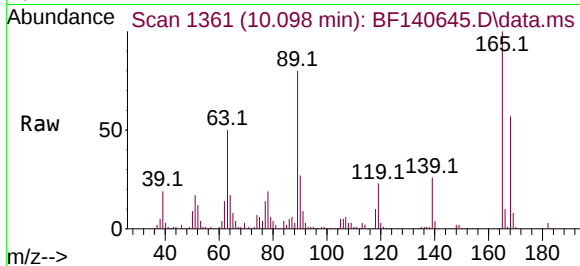
MH-756-WCMSD

Tgt Ion:165 Resp: 103400
Ion Ratio Lower Upper
165 100
63 50.1 41.7 62.5
89 79.6 65.8 98.8
182 2.6 2.1 3.1

Manual Integrations

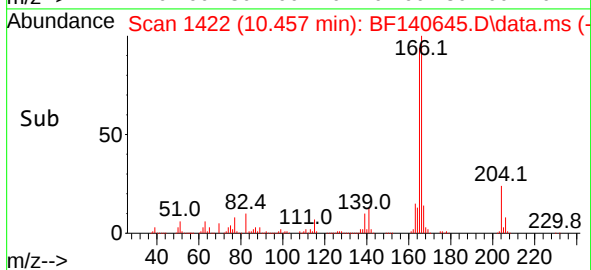
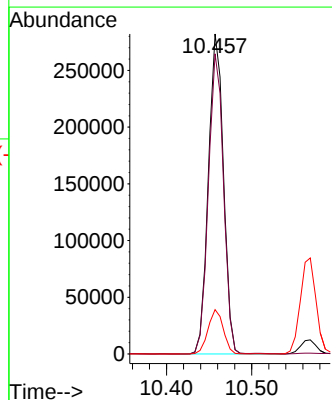
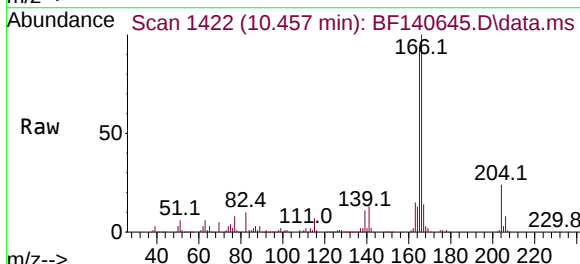
APPROVED

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



#58
Fluorene
Concen: 50.863 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

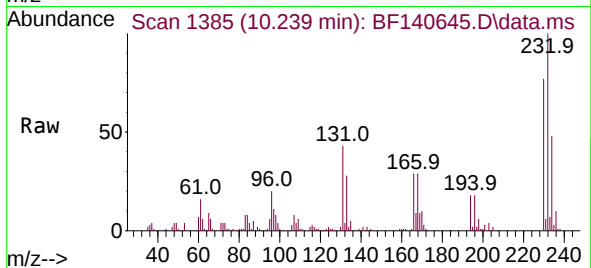
Tgt Ion:166 Resp: 347306
Ion Ratio Lower Upper
166 100
165 93.8 74.6 111.8
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 55.809 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

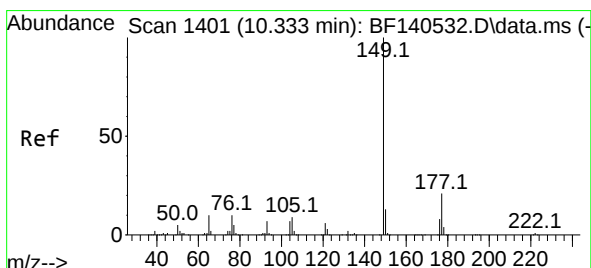
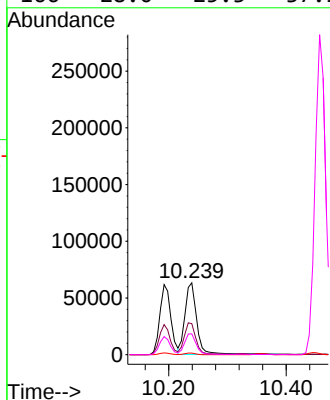
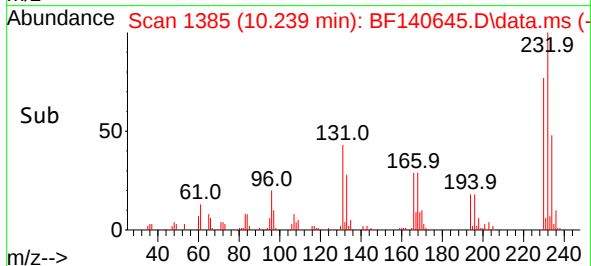
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:232 Resp: 87809
Ion Ratio Lower Upper
232 100
131 42.8 39.6 59.4
130 2.2 1.9 2.9
166 28.0 25.3 37.9

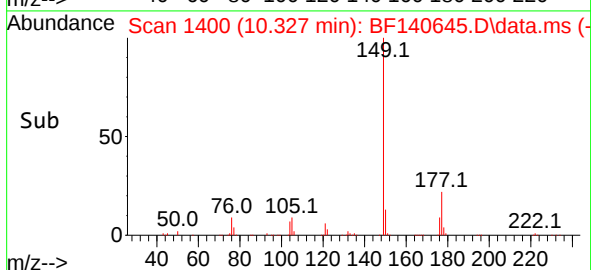
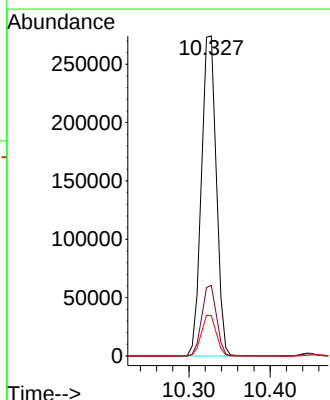
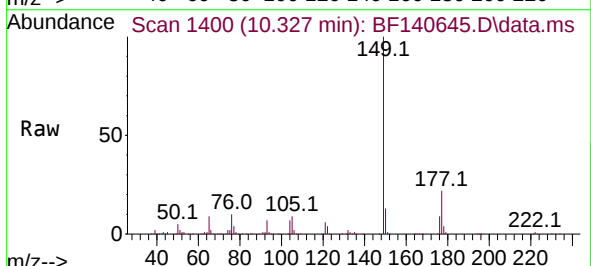
Manual Integrations
APPROVED

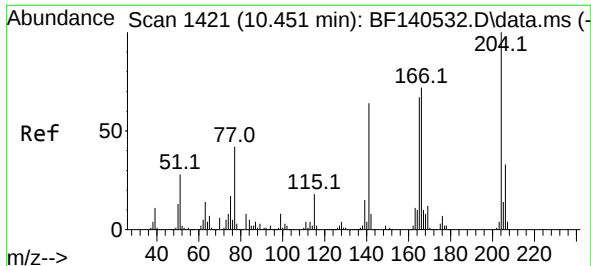
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 50.881 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

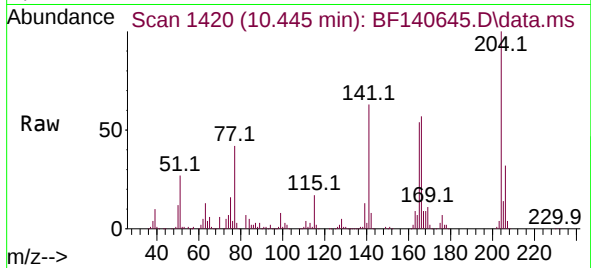
Tgt Ion:149 Resp: 349622
Ion Ratio Lower Upper
149 100
177 22.0 17.1 25.7
150 12.6 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 50.543 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

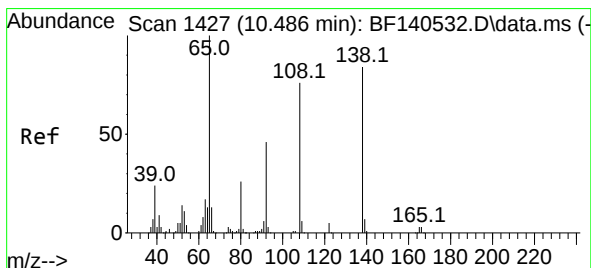
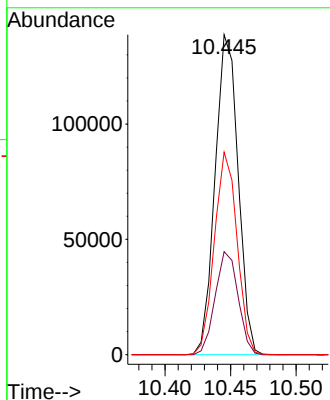
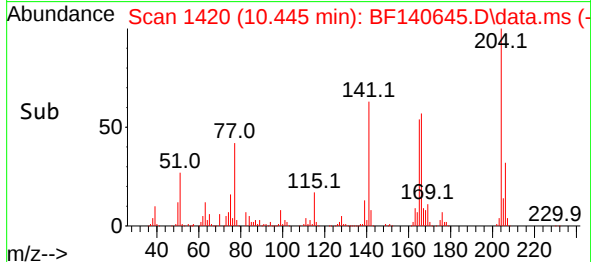
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:204 Resp: 169370
Ion Ratio Lower Upper
204 100
206 32.2 26.6 40.0
141 63.3 51.1 76.7

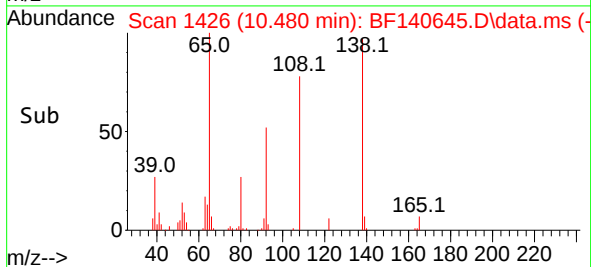
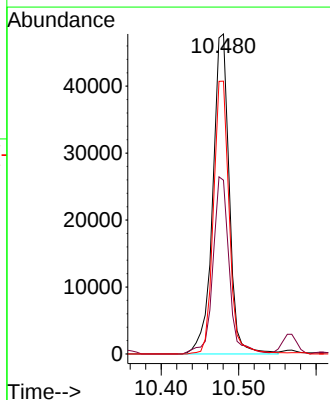
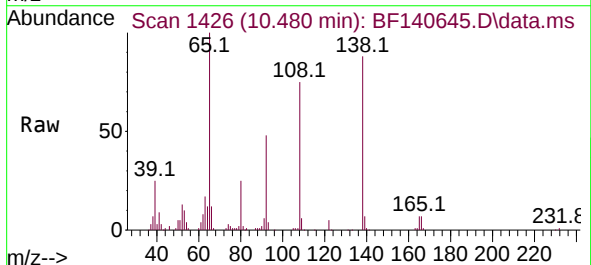
Manual Integrations
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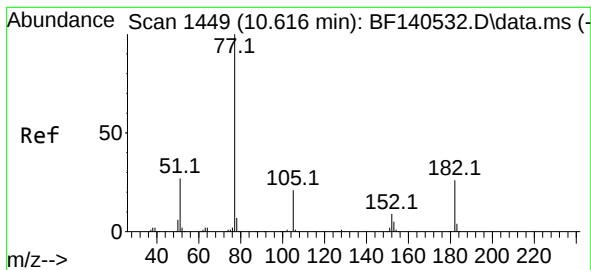
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 45.046 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

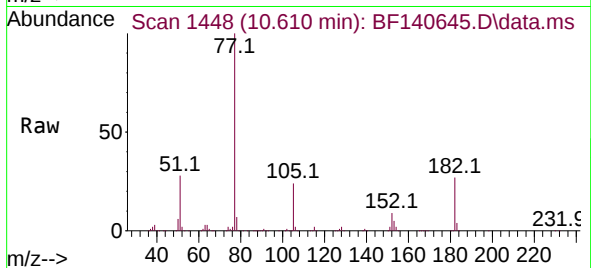
Tgt Ion:138 Resp: 70875
Ion Ratio Lower Upper
138 100
92 54.3 34.5 74.5
108 85.3 70.6 110.6





#63
Azobenzene
Concen: 54.993 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

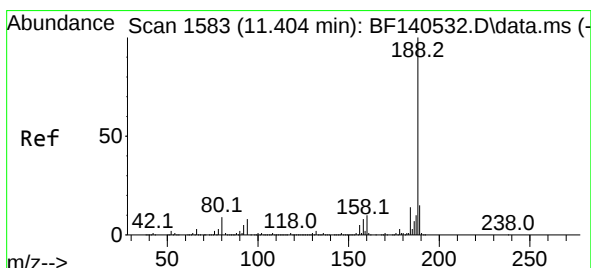
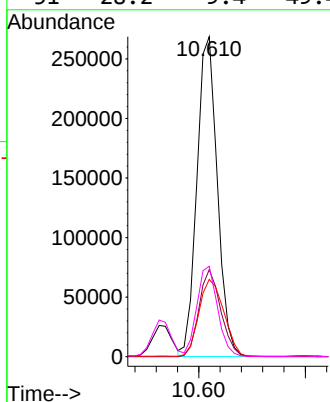
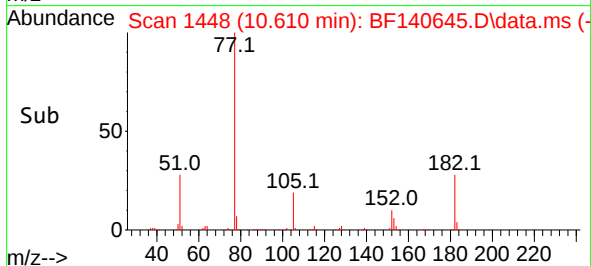
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



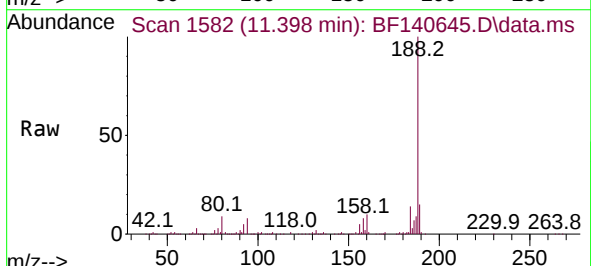
Tgt Ion: 77 Resp: 357849
Ion Ratio Lower Upper
77 100
182 27.2 5.3 45.3
105 24.2 0.3 40.3
51 28.2 9.4 49.4

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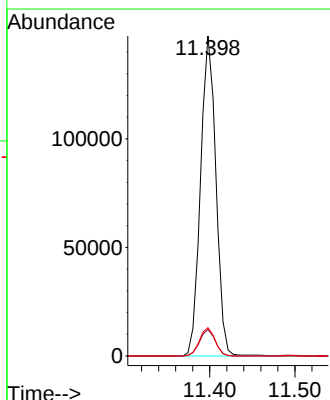
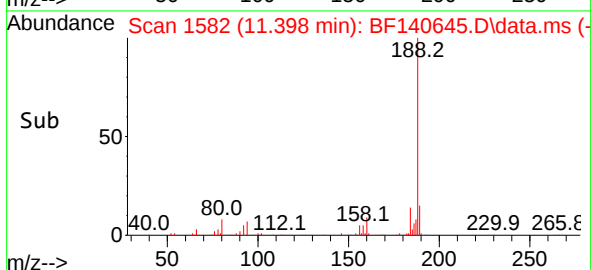
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

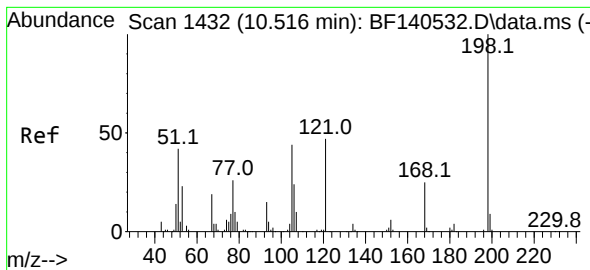


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:188 Resp: 184551
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 8.9 6.9 10.3





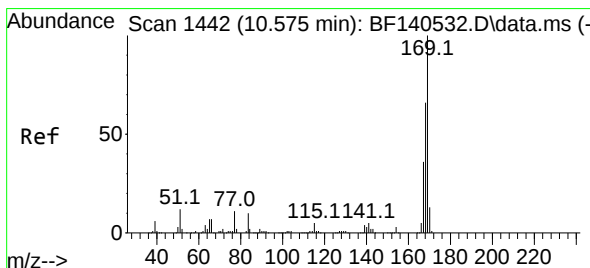
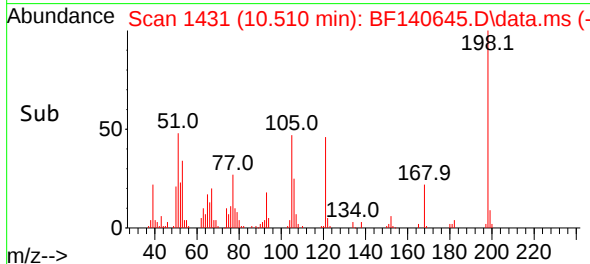
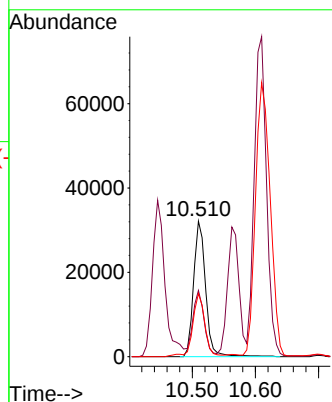
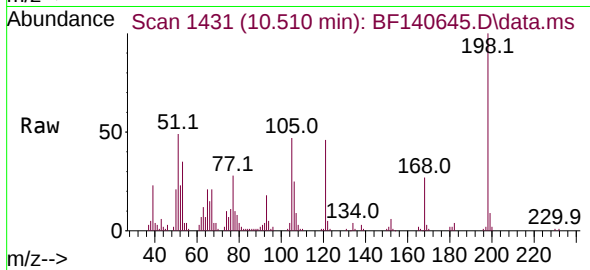
#65
4,6-Dinitro-2-methylphenol
Concen: 45.129 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion:198 Resp: 42560
Ion Ratio Lower Upper
198 100
51 48.9 29.4 69.4
105 46.5 25.4 65.4

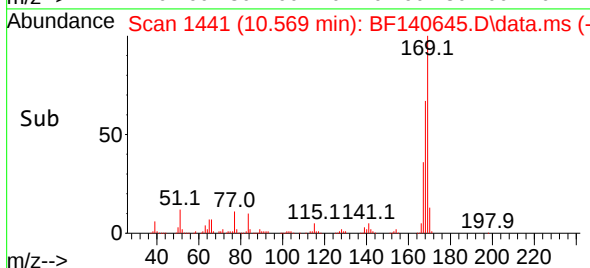
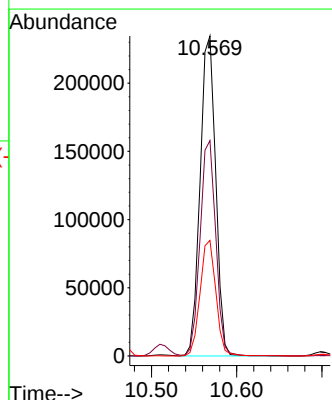
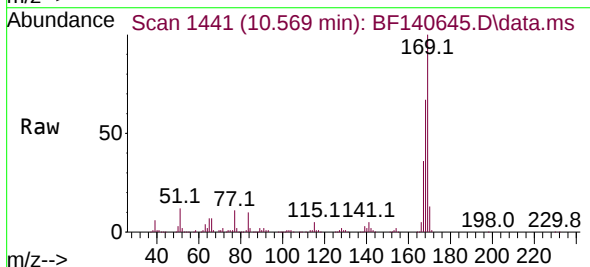
Manual Integrations
APPROVED

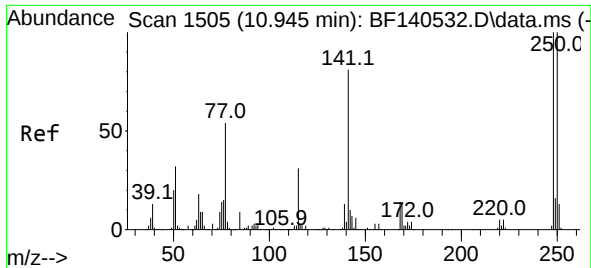
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 54.574 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:169 Resp: 297848
Ion Ratio Lower Upper
169 100
168 67.3 53.2 79.8
167 36.1 29.0 43.6





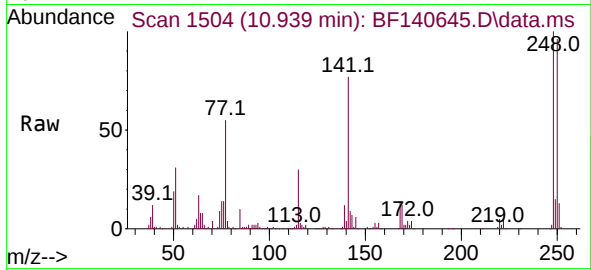
#67
4-Bromophenyl-phenylether
Concen: 51.888 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



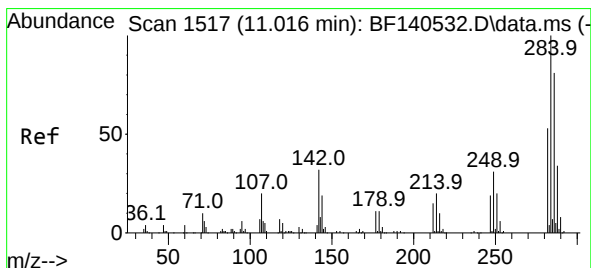
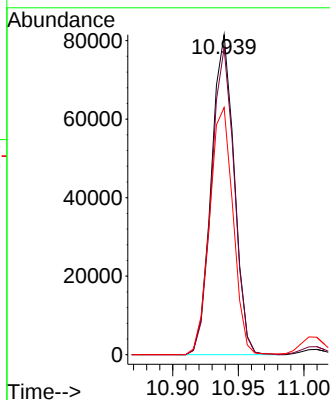
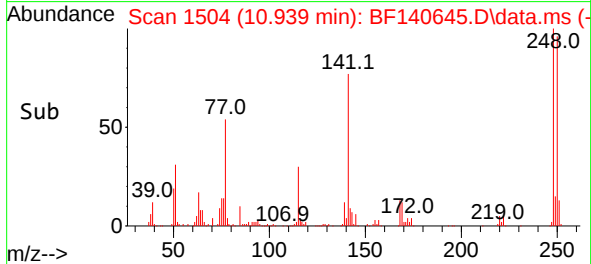
Tgt Ion:248 Resp: 98618
Ion Ratio Lower Upper
248 100
250 95.8 79.8 119.8
141 77.2 64.7 97.1

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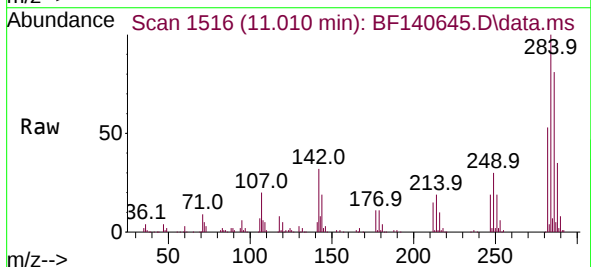
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

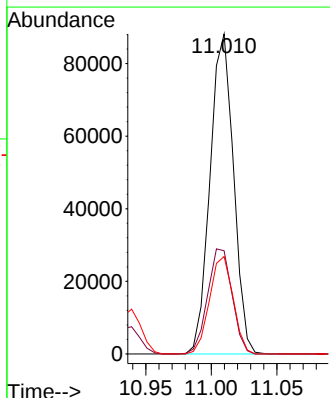
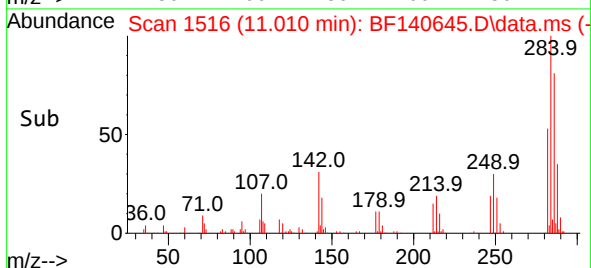
Supervised By :mohammad ahmed 11/27/2024



#68
Hexachlorobenzene
Concen: 49.905 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:284 Resp: 109827
Ion Ratio Lower Upper
284 100
142 32.3 25.3 37.9
249 30.4 24.8 37.2





#69

Atrazine

Concen: 64.075 ng

RT: 11.092 min Scan# 1530

Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

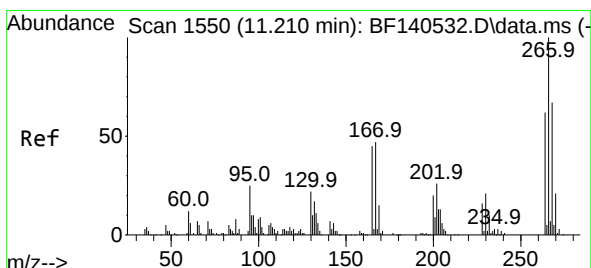
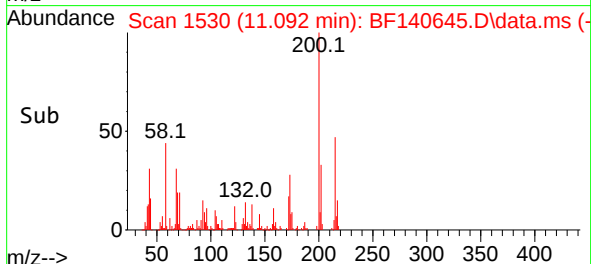
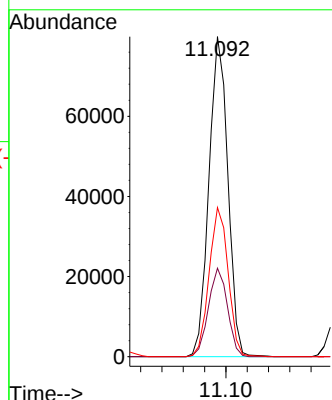
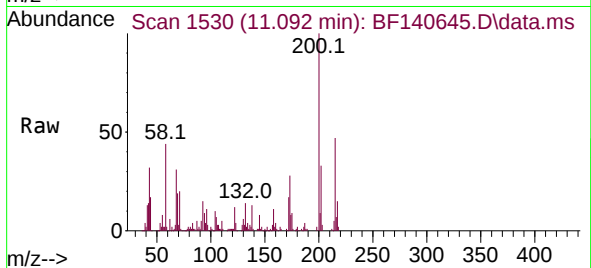
MH-756-WCMSD

Tgt Ion:200 Resp: 98378
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.0 47.0
 215 46.6 26.7 66.7

Manual Integrations

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



#70

Pentachlorophenol

Concen: 103.356 ng

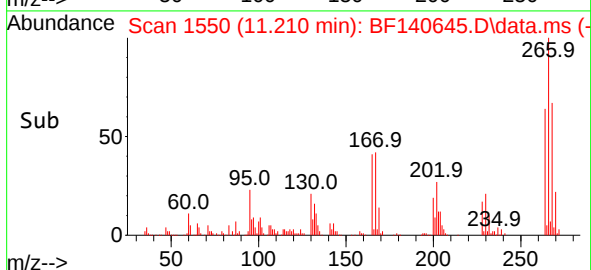
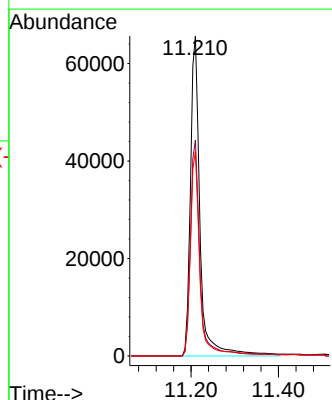
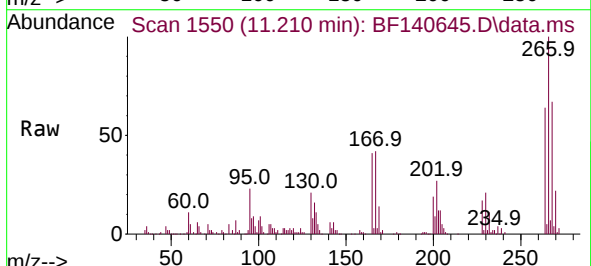
RT: 11.210 min Scan# 1550

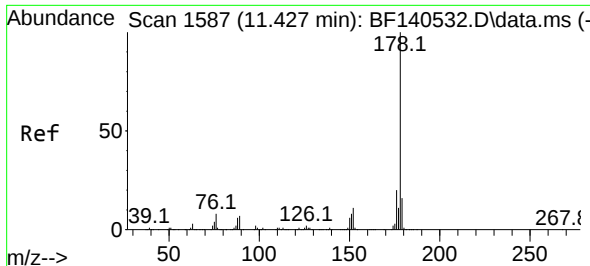
Delta R.T. -0.000 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

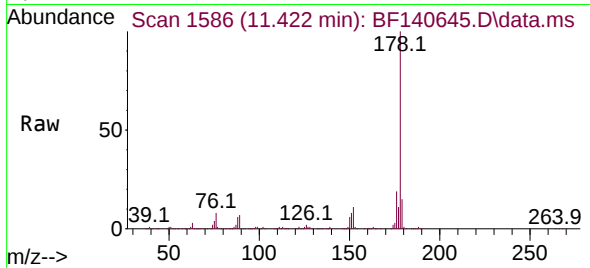
Tgt Ion:266 Resp: 100109
 Ion Ratio Lower Upper
 266 100
 268 67.5 53.7 80.5
 264 63.8 49.8 74.8





#71
Phenanthrene
Concen: 53.158 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

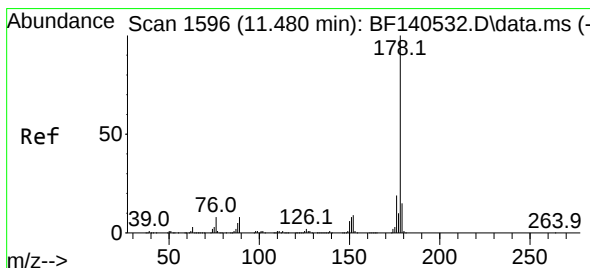
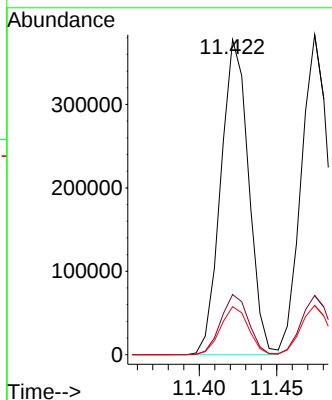
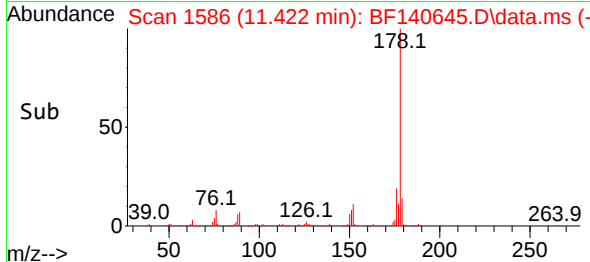
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:178 Resp: 471570
Ion Ratio Lower Upper
178 100
176 19.1 15.8 23.6
179 15.2 12.4 18.6

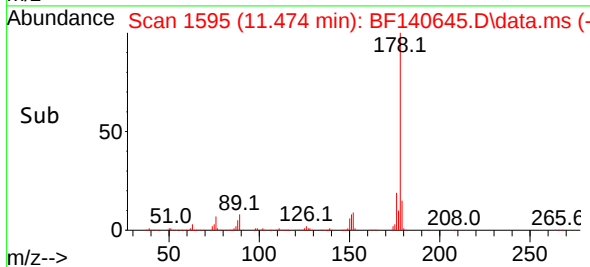
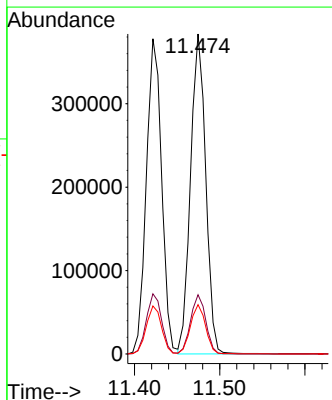
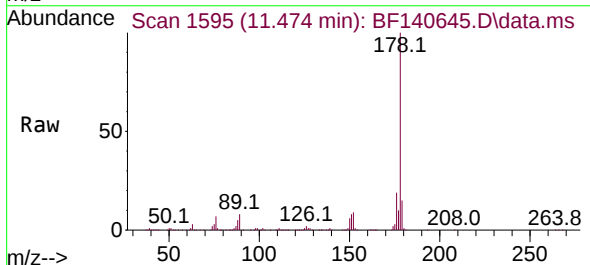
Manual Integrations
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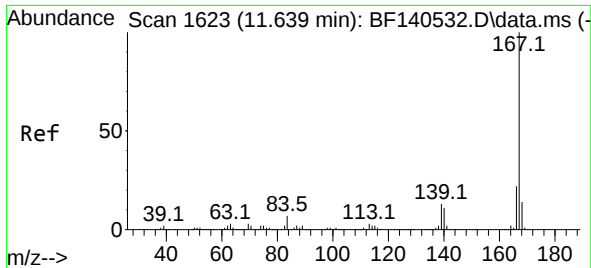
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 54.627 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

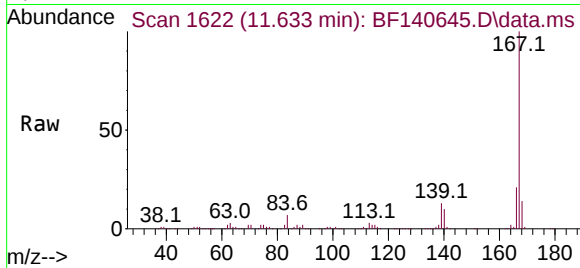
Tgt Ion:178 Resp: 474034
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.4 12.2 18.4





#73
 Carbazole
 Concen: 52.166 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140645.D
 Acq: 26 Nov 2024 16:41

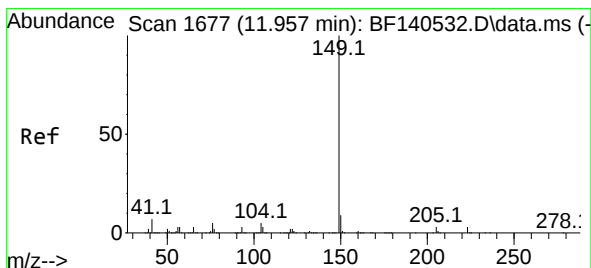
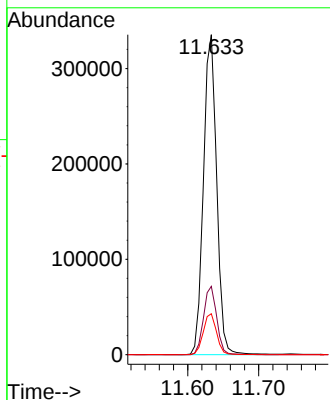
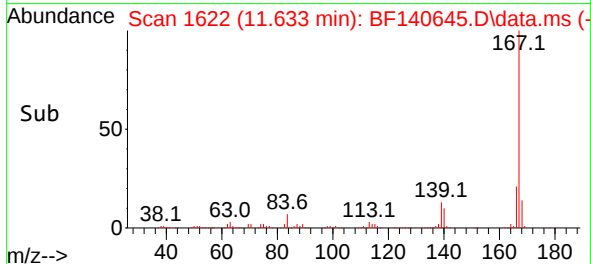
Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMSD



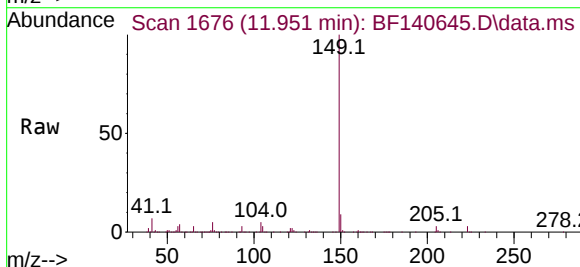
Tgt Ion:167 Resp: 43548
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.8 10.6 15.8

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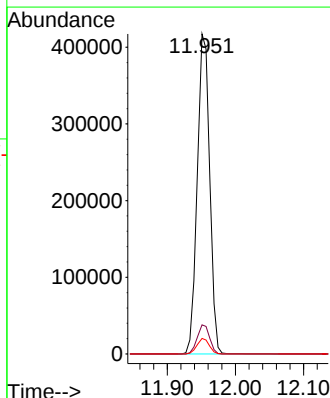
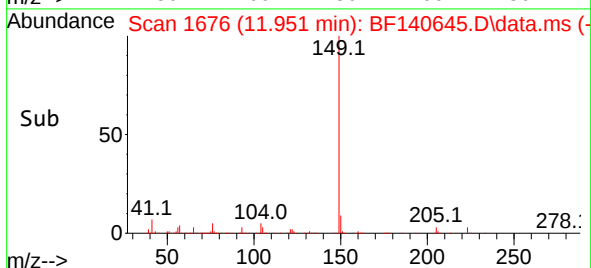
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

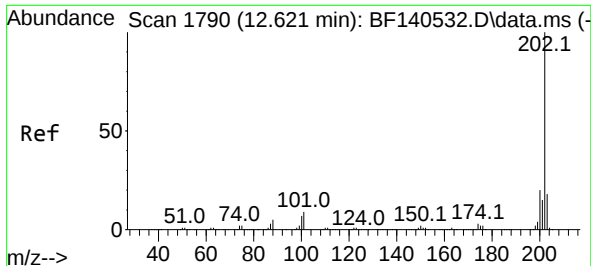


#74
 Di-n-butylphthalate
 Concen: 54.661 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140645.D
 Acq: 26 Nov 2024 16:41



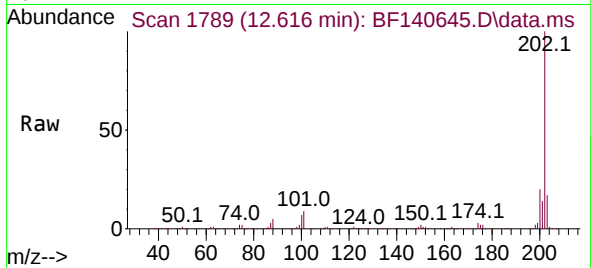
Tgt Ion:149 Resp: 526813
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 4.9 4.1 6.1





#75
Fluoranthene
Concen: 47.676 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

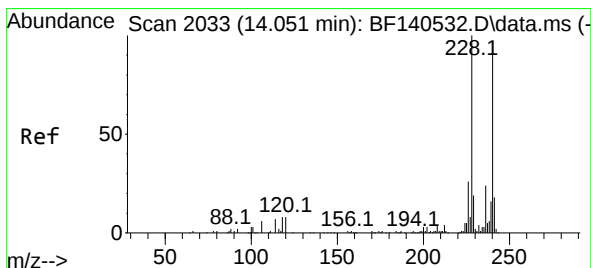
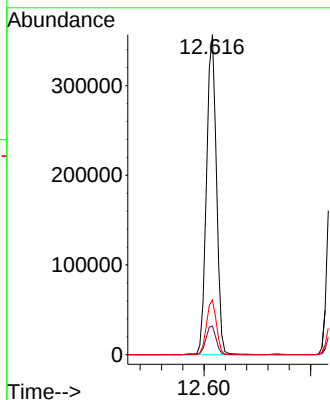
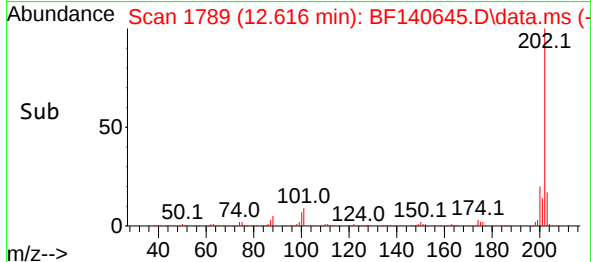
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:202 Resp: 45920
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.2 0.0 37.6

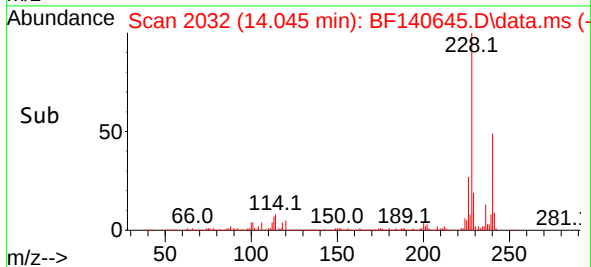
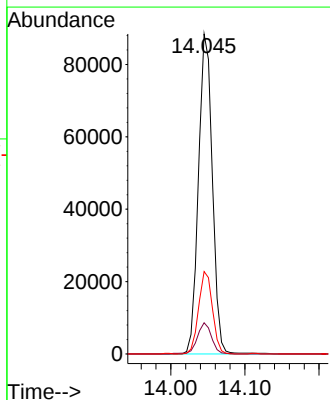
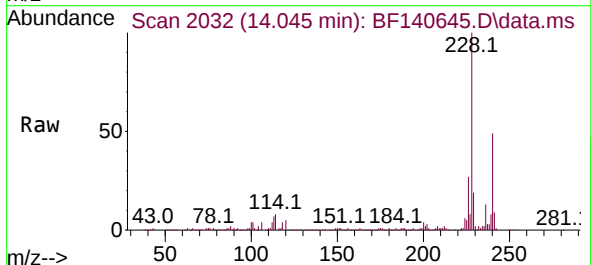
Manual Integrations
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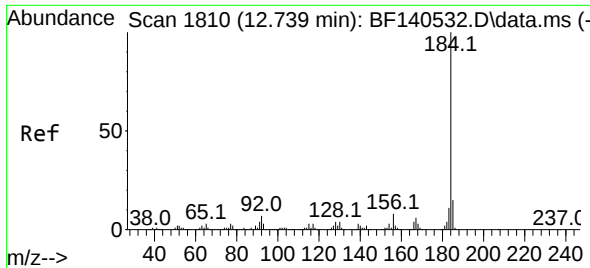
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

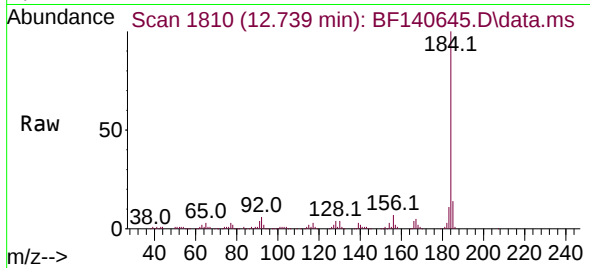
Tgt Ion:240 Resp: 115182
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.7 20.6 31.0





#77
Benzidine
Concen: 52.935 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

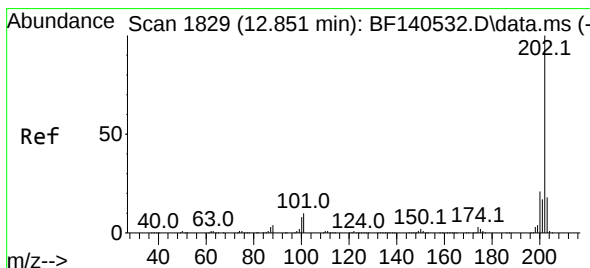
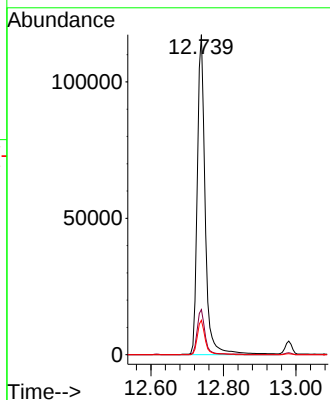
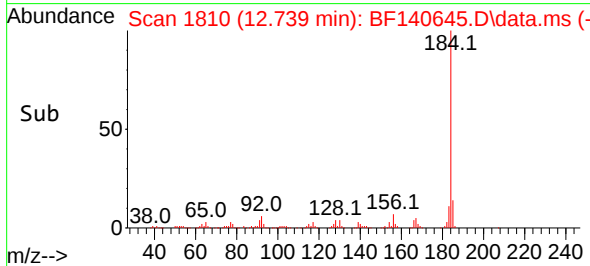
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



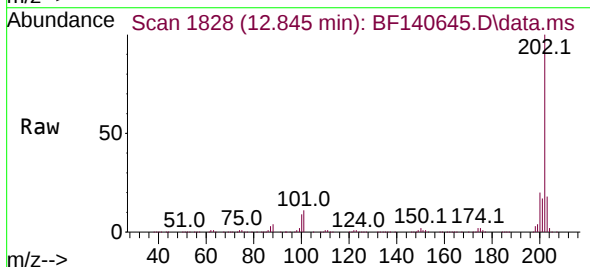
Tgt Ion:184 Resp: 17727
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 10.7 8.8 13.2

Manual Integrations
APPROVED

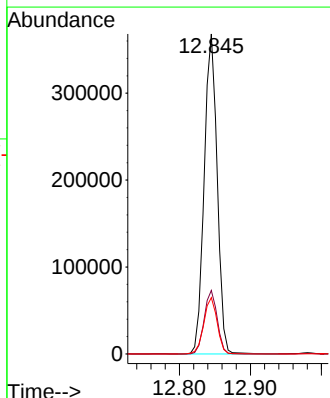
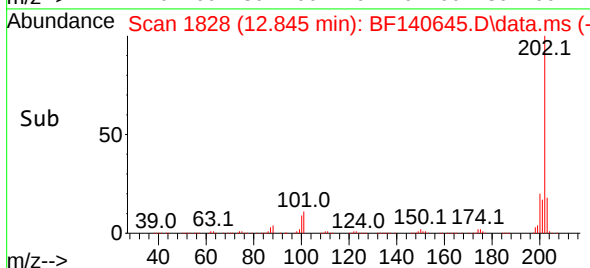
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

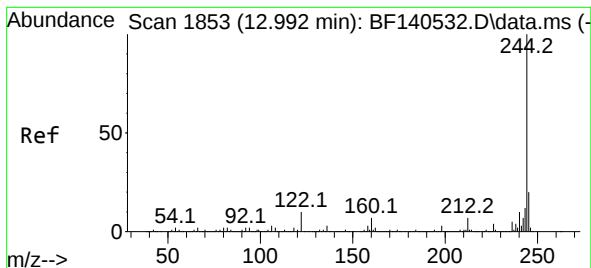


#78
Pyrene
Concen: 44.031 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:202 Resp: 468927
Ion Ratio Lower Upper
202 100
200 19.8 16.5 24.7
203 17.6 14.2 21.4





#79

Terphenyl-d14

Concen: 58.609 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140645.D

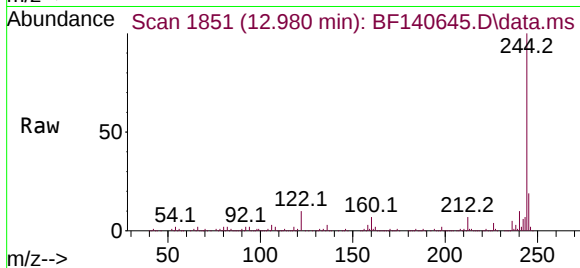
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



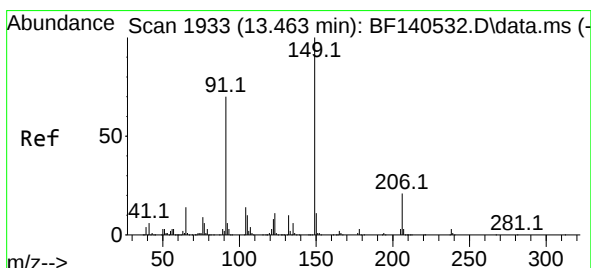
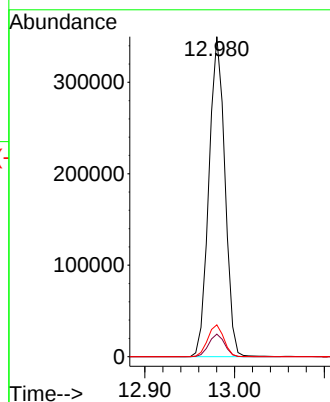
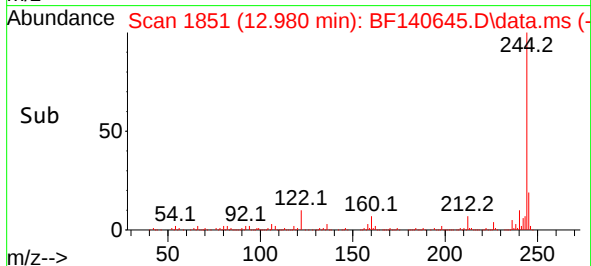
Tgt Ion:	244	Resp:	43353
Ion Ratio	Lower	Upper	
244	100		
212	7.1	5.8	8.8
122	9.9	8.0	12.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#80

Butylbenzylphthalate

Concen: 47.509 ng

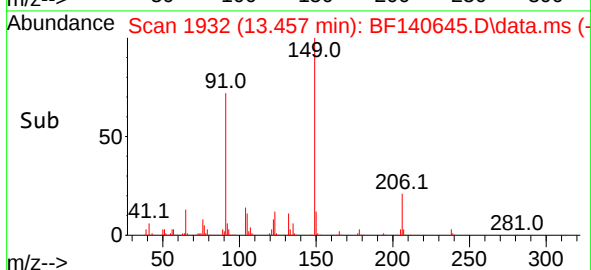
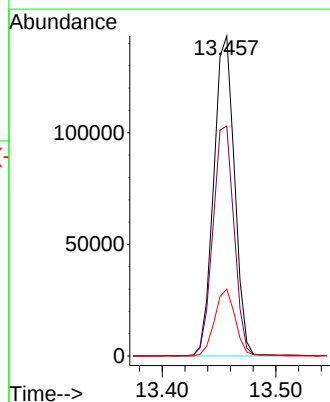
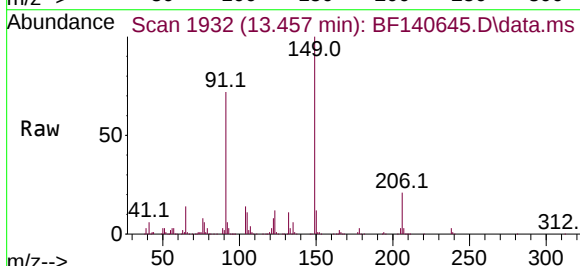
RT: 13.457 min Scan# 1932

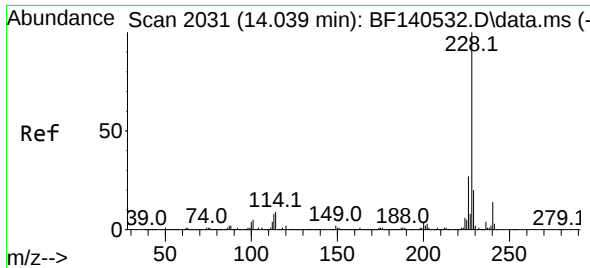
Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Tgt Ion:	149	Resp:	182272
Ion Ratio	Lower	Upper	
149	100		
91	71.9	56.2	84.2
206	20.9	16.4	24.6





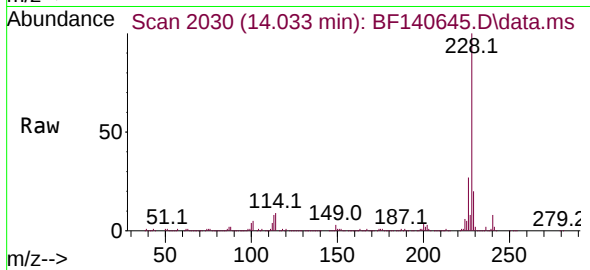
#81
Benzo(a)anthracene
Concen: 53.957 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



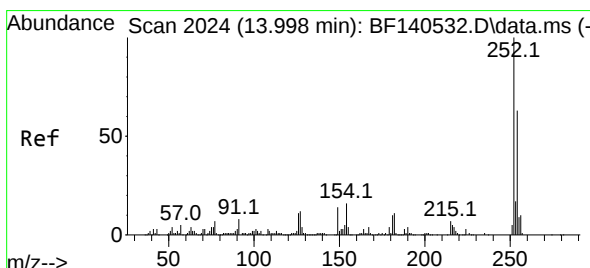
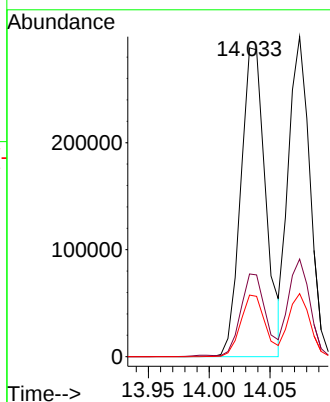
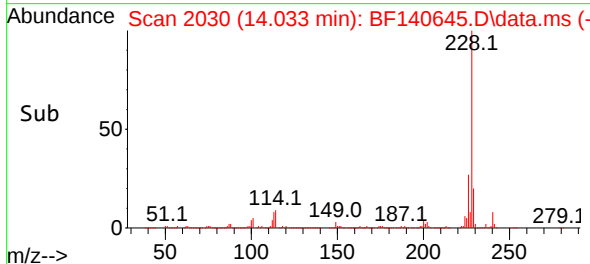
Tgt Ion:228 Resp: 411398
Ion Ratio Lower Upper
228 100
226 26.8 21.8 32.8
229 19.9 15.8 23.6

Manual Integrations

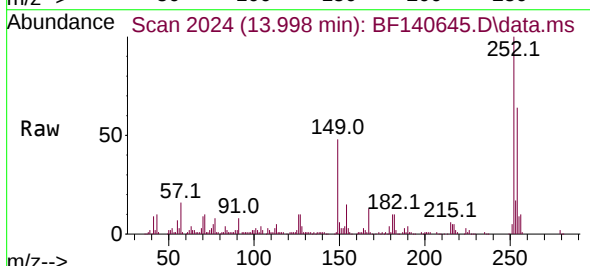
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

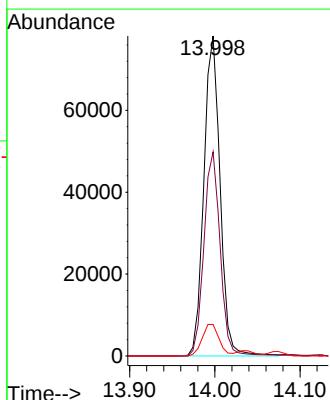
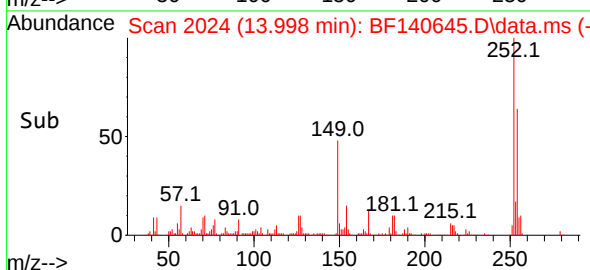
Supervised By :mohammad ahmed 11/27/2024

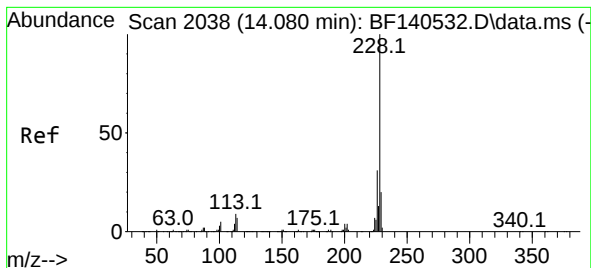


#82
3,3'-Dichlorobenzidine
Concen: 45.270 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:252 Resp: 103632
Ion Ratio Lower Upper
252 100
254 63.8 50.8 76.2
126 9.8 8.6 13.0





#83

Chrysene

Concen: 52.197 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

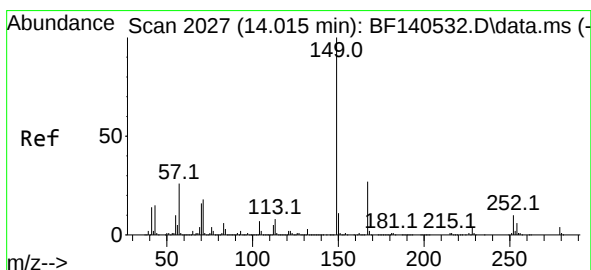
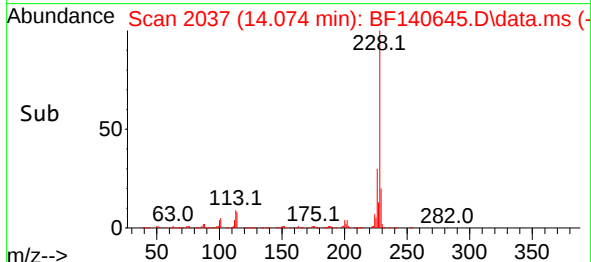
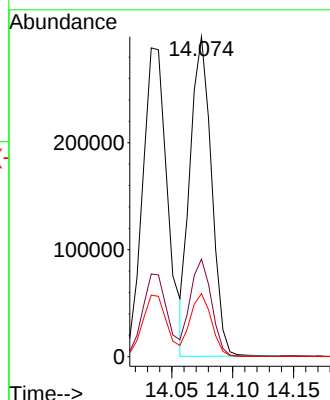
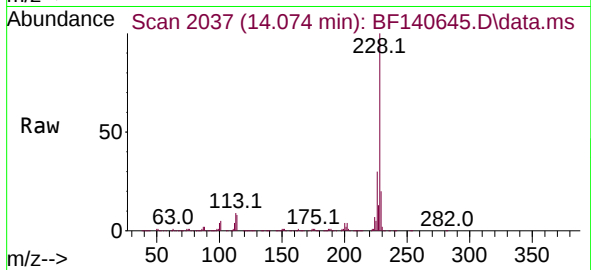
Tgt Ion:228	Resp: 363909
Ion Ratio	Lower Upper
228 100	
226 30.5	24.4 36.6
229 19.7	15.8 23.6

Manual Integrations

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Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.744 ng

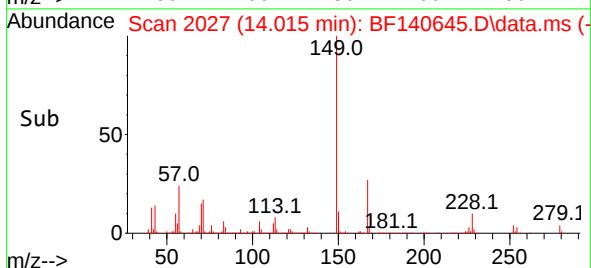
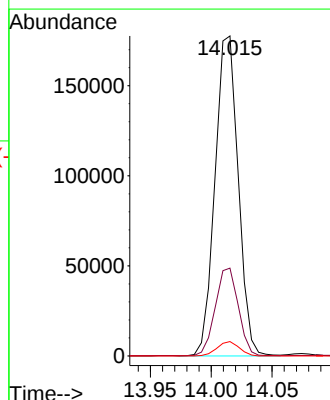
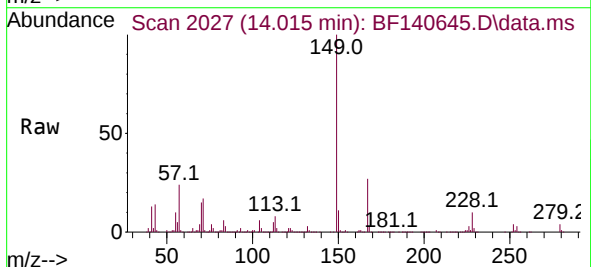
RT: 14.015 min Scan# 2027

Delta R.T. -0.000 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

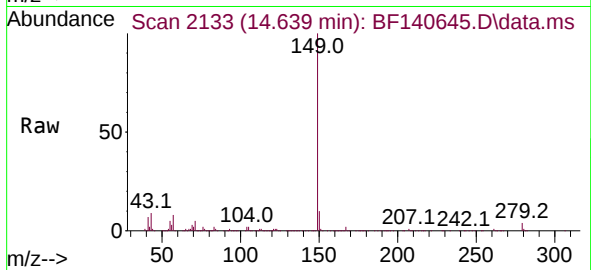
Tgt Ion:149	Resp: 236140
Ion Ratio	Lower Upper
149 100	
167 27.5	21.2 31.8
279 4.5	3.2 4.8





#85
Di-n-octyl phthalate
Concen: 58.277 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

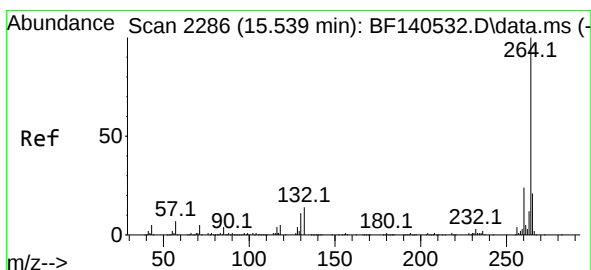
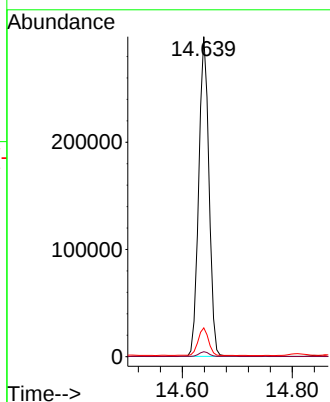
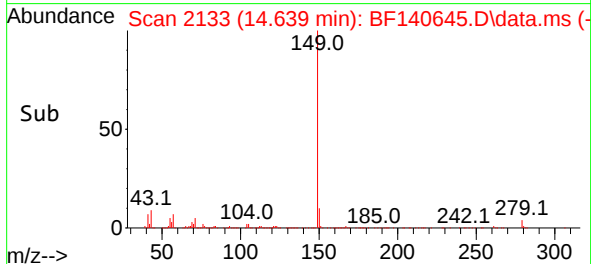
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



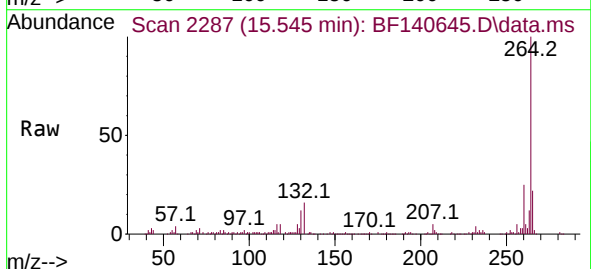
Tgt Ion:149 Resp: 385829
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.9 7.7 11.5

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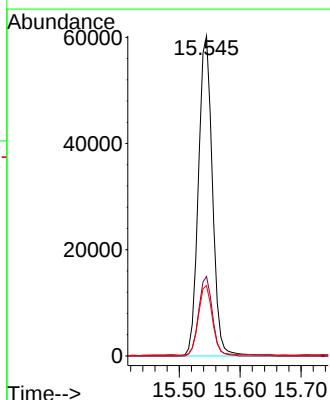
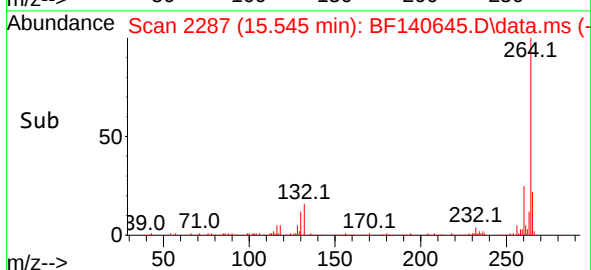
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024

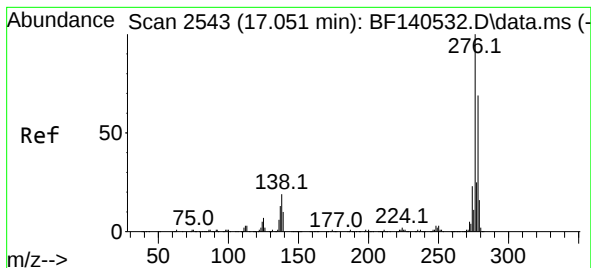


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:264 Resp: 96060
Ion Ratio Lower Upper
264 100
260 24.8 19.0 28.6
265 22.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 39.743 ng

RT: 17.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

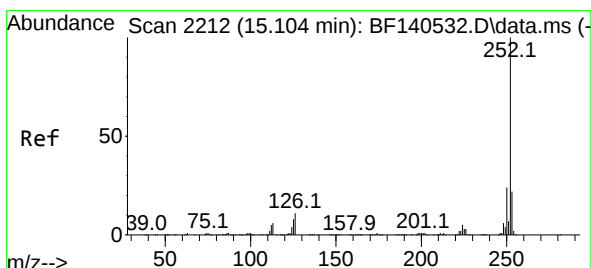
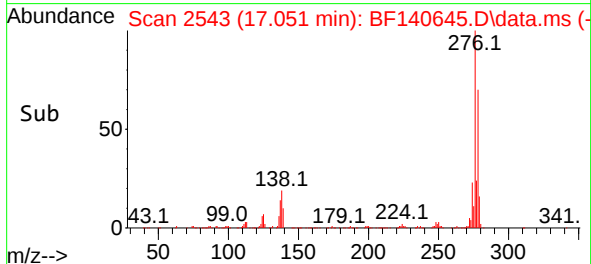
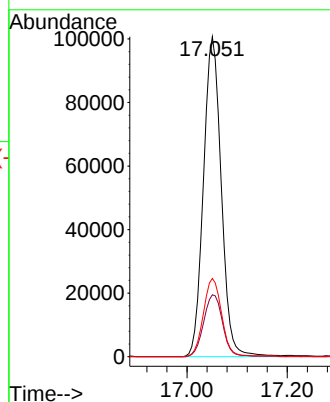
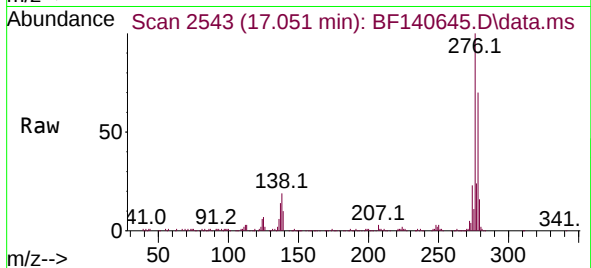
Tgt Ion:276 Resp: 24879
 Ion Ratio Lower Upper
 276 100
 138 20.6 15.5 23.3
 277 25.3 20.1 30.1

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: 58.470 ng

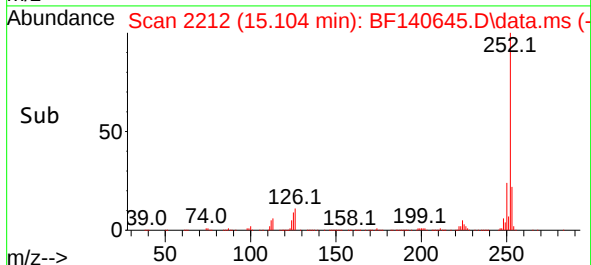
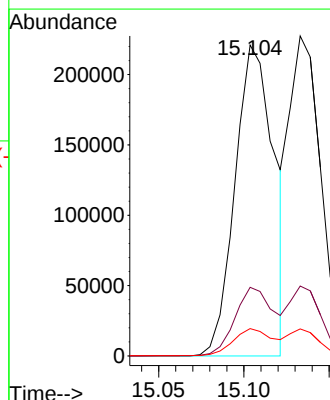
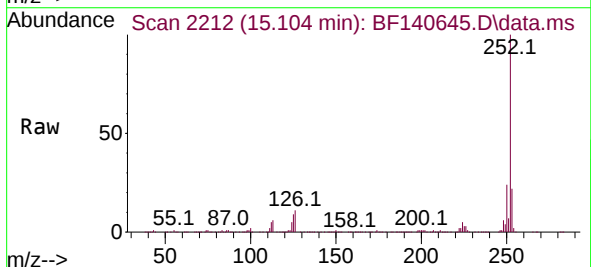
RT: 15.104 min Scan# 2212

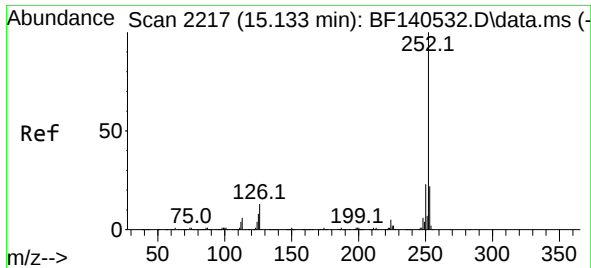
Delta R.T. -0.000 min

Lab File: BF140645.D

Acq: 26 Nov 2024 16:41

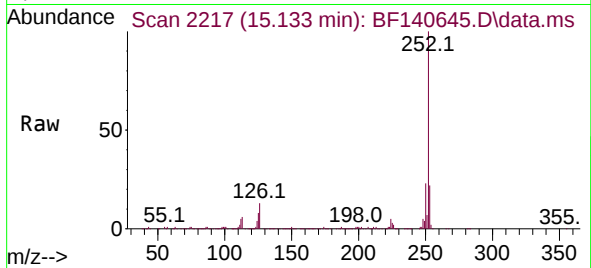
Tgt Ion:252 Resp: 352788
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.2 25.8
 125 8.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 55.433 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

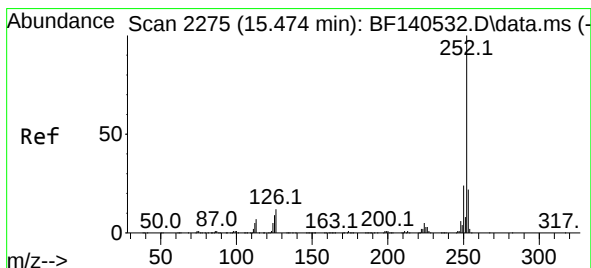
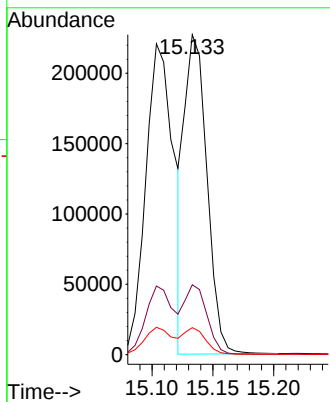
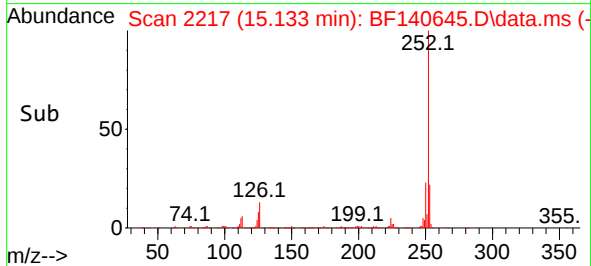
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:252 Resp: 292684
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 8.5 6.5 9.7

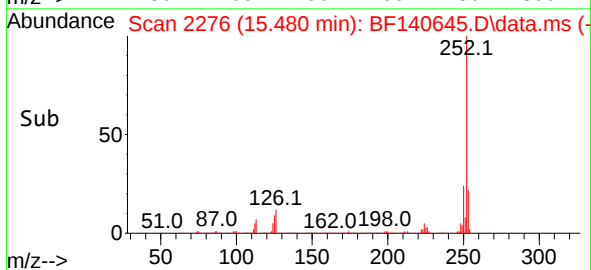
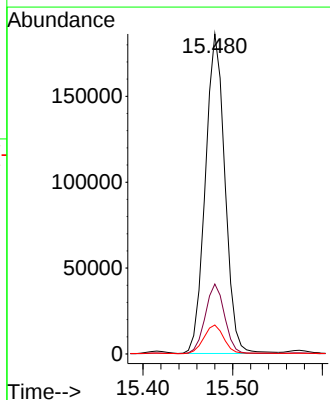
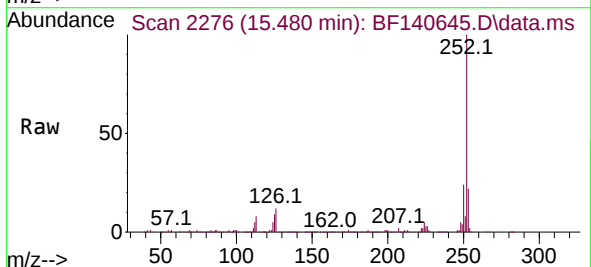
Manual Integrations
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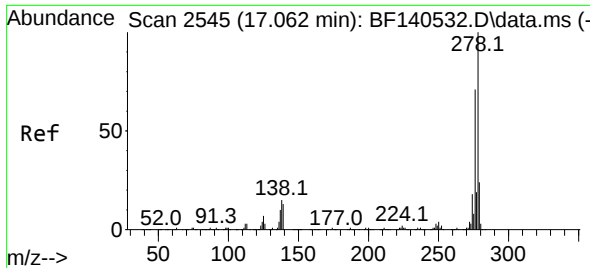
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 57.478 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Tgt Ion:252 Resp: 281981
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 9.0 7.0 10.6





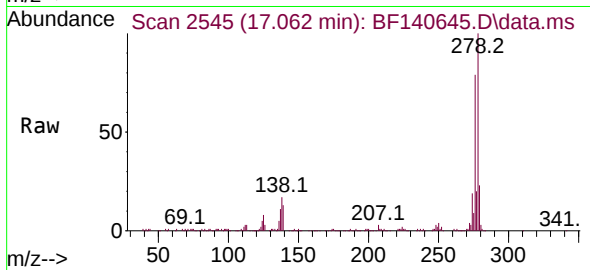
#91
Dibenzo(a,h)anthracene
Concen: 41.069 ng
RT: 17.062 min Scan# 21055
Delta R.T. -0.000 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



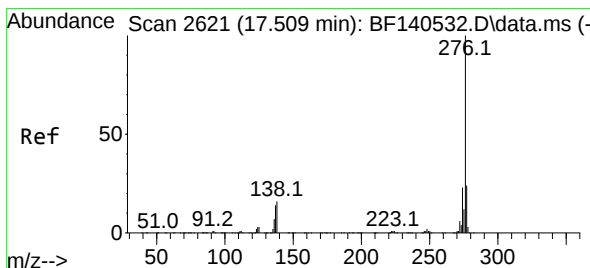
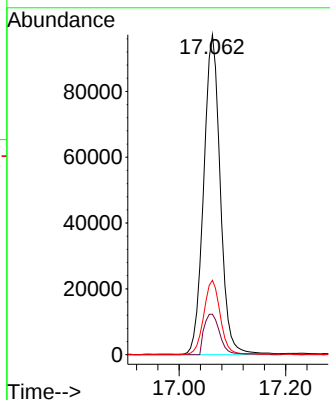
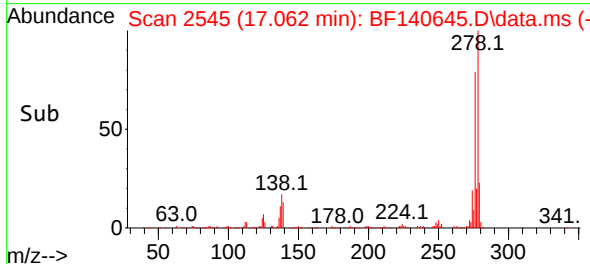
Tgt Ion:278 Resp: 21055
Ion Ratio Lower Upper
278 100
139 12.7 10.2 15.4
279 23.2 18.9 28.3

Manual Integrations

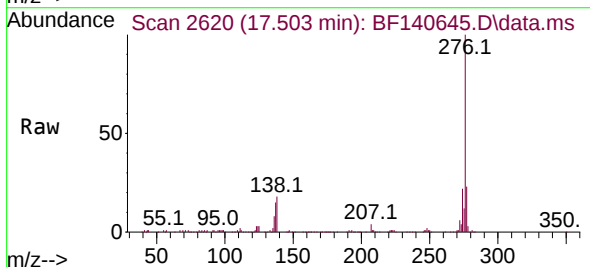
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#92
Benzo(g,h,i)perylene
Concen: 34.669 ng
RT: 17.503 min Scan# 2620
Delta R.T. -0.006 min
Lab File: BF140645.D
Acq: 26 Nov 2024 16:41



Tgt Ion:276 Resp: 181377
Ion Ratio Lower Upper
276 100
277 23.3 18.9 28.3
138 18.5 13.2 19.8

