

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140668.D
 Acq On : 27 Nov 2024 14:30
 Operator : RC/JU
 Sample : P4985-01MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

Quant Time: Nov 27 15:09:07 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	109841	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	410668	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	246111	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	470485	20.000	ng	0.00
76) Chrysene-d12	14.051	240	261870	20.000	ng	0.00
86) Perylene-d12	15.545	264	268749	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	398499	61.901	ng	0.00
7) Phenol-d6	6.510	99	529179	62.177	ng	0.00
23) Nitrobenzene-d5	7.434	82	340304	42.386	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	175907	66.830	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	680480	41.196	ng	-0.01
79) Terphenyl-d14	12.980	244	683915	40.667	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	70951	26.213	ng	99
3) Pyridine	3.434	79	173478	29.130	ng	99
4) n-Nitrosodimethylamine	3.387	42	99000	28.284	ng	96
6) Aniline	6.534	93	177241	29.588	ng	99
8) 2-Chlorophenol	6.657	128	215218	31.074	ng	96
9) Benzaldehyde	6.422	77	86776	19.260	ng	99
10) Phenol	6.522	94	278227	32.011	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	197602	29.710	ng	99
12) 1,3-Dichlorobenzene	6.810	146	221748	28.494	ng	99
13) 1,4-Dichlorobenzene	6.886	146	227490	28.869	ng	100
14) 1,2-Dichlorobenzene	7.039	146	215165	29.140	ng	99
15) Benzyl Alcohol	7.016	79	199516	31.611	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	243680	31.012	ng	95
17) 2-Methylphenol	7.128	107	170032	30.668	ng	97
18) Hexachloroethane	7.381	117	84560	28.732	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	152430	30.305	ng	98
20) 3+4-Methylphenols	7.281	107	222762	31.260	ng	95
22) Acetophenone	7.281	105	298705	29.835	ng	98
24) Nitrobenzene	7.451	77	236133	28.457	ng	99
25) Isophorone	7.692	82	417641	31.188	ng	100
26) 2-Nitrophenol	7.769	139	113501	30.866	ng	100
27) 2,4-Dimethylphenol	7.804	122	169402m	38.503	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	252113	30.904	ng	100
29) 2,4-Dichlorophenol	8.016	162	186887	32.056	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	192003	28.844	ng	99
31) Naphthalene	8.175	128	628893	29.731	ng	100
32) Benzoic acid	7.939	122	107143	30.983	ng	100
33) 4-Chloroaniline	8.228	127	81967	12.942	ng	98
34) Hexachlorobutadiene	8.286	225	129266	29.319	ng	99
35) Caprolactam	8.592	113	62799m	34.807	ng	
36) 4-Chloro-3-methylphenol	8.716	107	216372	33.148	ng	100
37) 2-Methylnaphthalene	8.863	142	425719	31.686	ng	99
38) 1-Methylnaphthalene	8.963	142	396387	30.099	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	209798	29.119	ng	99
41) Hexachlorocyclopentadiene	9.016	237	155512	94.564	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	137408	30.393	ng	99

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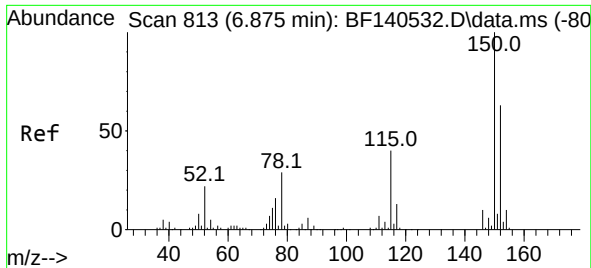
Manual Integrations
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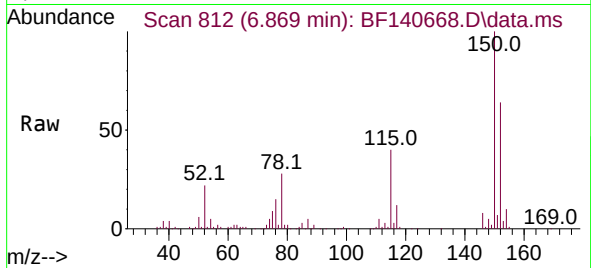
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	148581	30.282	ng	99
46) 1,1'-Biphenyl	9.328	154	548084	29.828	ng	99
47) 2-Chloronaphthalene	9.351	162	406645	29.207	ng	99
48) 2-Nitroaniline	9.457	65	137358	30.736	ng	95
49) Acenaphthylene	9.769	152	676241	32.146	ng	99
50) Dimethylphthalate	9.627	163	509870	31.457	ng	100
51) 2,6-Dinitrotoluene	9.698	165	110691	30.111	ng	93
52) Acenaphthene	9.945	154	410916	30.742	ng	100
53) 3-Nitroaniline	9.869	138	75749	21.069	ng	93
54) 2,4-Dinitrophenol	9.980	184	124994	67.056	ng	97
55) Dibenzofuran	10.116	168	629949	30.898	ng	100
56) 4-Nitrophenol	10.045	139	156956	64.011	ng	93
57) 2,4-Dinitrotoluene	10.104	165	153069	31.331	ng	98
58) Fluorene	10.457	166	504376	30.820	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	131967	34.996	ng	92
60) Diethylphthalate	10.327	149	520157	31.585	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	253362	31.547	ng	99
62) 4-Nitroaniline	10.486	138	117319	31.112	ng	96
63) Azobenzene	10.610	77	521088	33.413	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	89934	37.407	ng	97
66) n-Nitrosodiphenylamine	10.569	169	438139	31.490	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	148333	30.614	ng	99
68) Hexachlorobenzene	11.010	284	171389	30.549	ng	99
69) Atrazine	11.098	200	146763	37.496	ng	99
70) Pentachlorophenol	11.210	266	153978	62.358	ng	98
71) Phenanthrene	11.427	178	714179	31.579	ng	99
72) Anthracene	11.474	178	729626	32.981	ng	99
73) Carbazole	11.633	167	664707	31.233	ng	100
74) Di-n-butylphthalate	11.951	149	799362	32.534	ng	100
75) Fluoranthene	12.616	202	730113	29.734	ng	100
77) Benzidine	12.739	184	74296	9.758	ng	99
78) Pyrene	12.845	202	731236	30.200	ng	99
80) Butylbenzylphthalate	13.457	149	271993	31.183	ng	100
81) Benzo(a)anthracene	14.039	228	551047	31.789	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	115065	22.109	ng	98
83) Chrysene	14.074	228	493446	31.131	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	355072	32.238	ng	99
85) Di-n-octyl phthalate	14.639	149	572420	38.029	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	487437	27.831	ng	99
88) Benzo(b)fluoranthene	15.104	252	530886	31.450	ng	100
89) Benzo(k)fluoranthene	15.133	252	447092	30.266	ng	99
90) Benzo(a)pyrene	15.480	252	466848	34.014	ng	100
91) Dibenzo(a,h)anthracene	17.068	278	393411	27.428	ng	99
92) Benzo(g,h,i)perylene	17.509	276	347245	23.724	ng	99

(#) = 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: BF140668.D
Acq: 27 Nov 2024 14:30

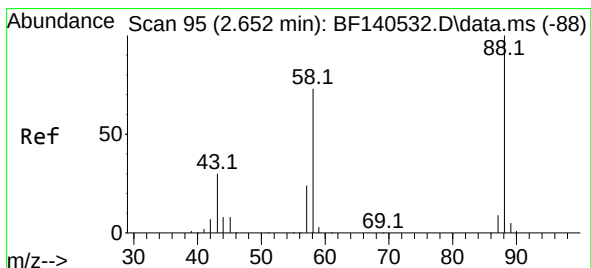
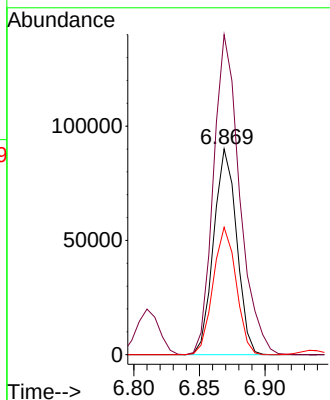
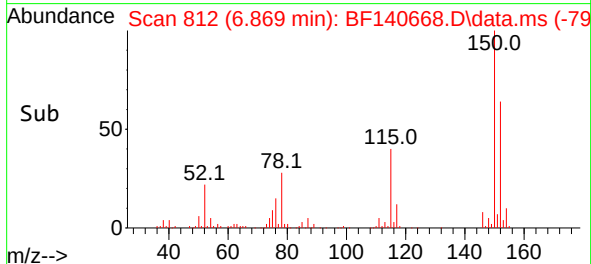
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:152 Resp: 10984
Ion Ratio Lower Upper
152 100
150 155.5 128.5 192.7
115 61.9 50.2 75.4

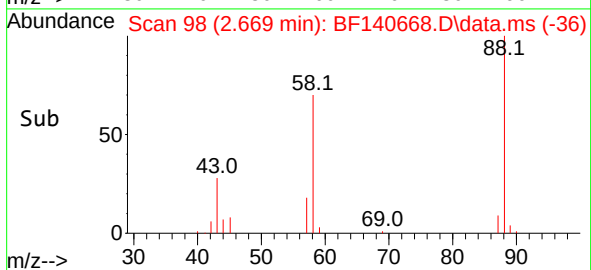
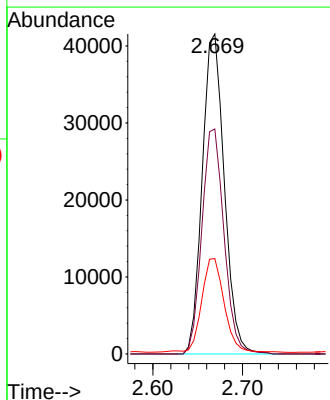
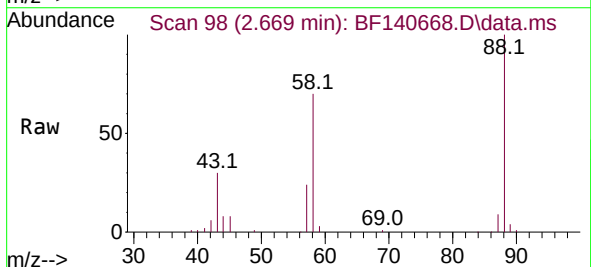
Manual Integrations
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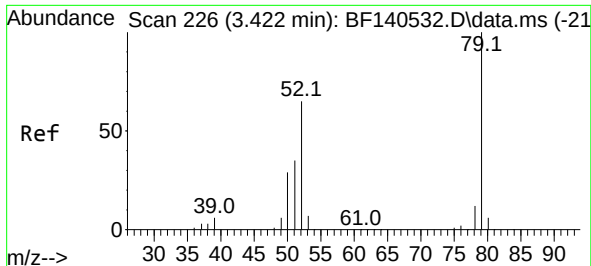
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#2
1,4-Dioxane
Concen: 26.213 ng
RT: 2.669 min Scan# 98
Delta R.T. 0.018 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion: 88 Resp: 70951
Ion Ratio Lower Upper
88 100
58 70.5 57.4 86.2
43 30.0 24.3 36.5





#3

Pyridine

Concen: 29.130 ng

RT: 3.434 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion: 79 Resp: 173478

Ion Ratio Lower Upper

79 100

52 66.1 52.1 78.1

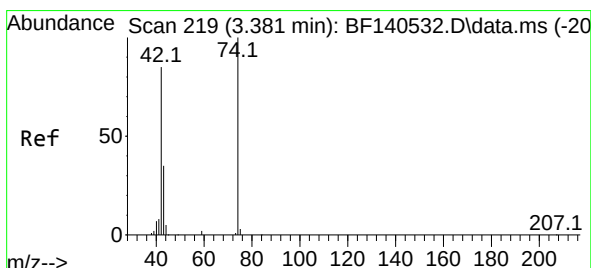
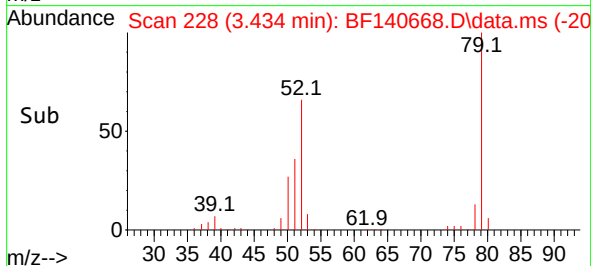
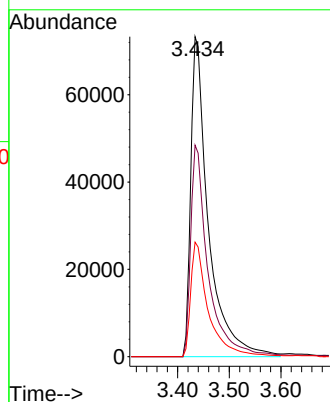
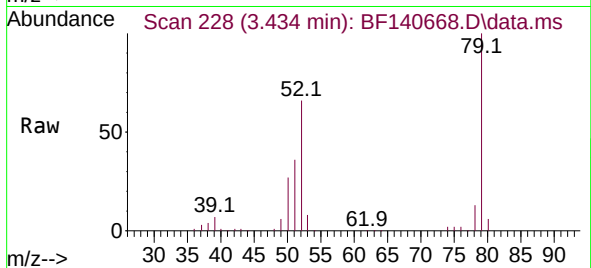
51 35.8 27.8 41.8

Manual Integrations

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#4

n-Nitrosodimethylamine

Concen: 28.284 ng

RT: 3.387 min Scan# 220

Delta R.T. 0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

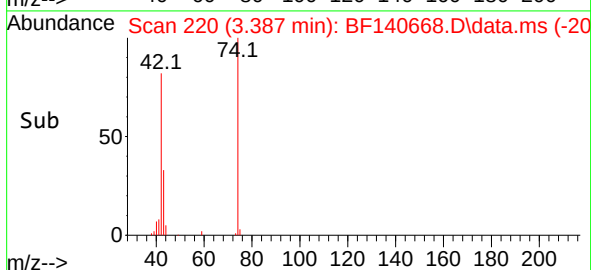
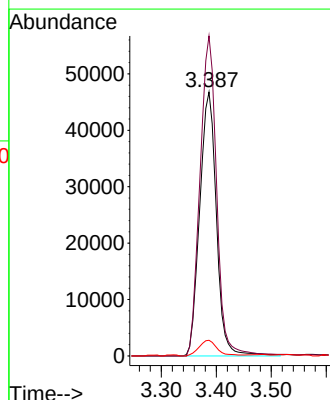
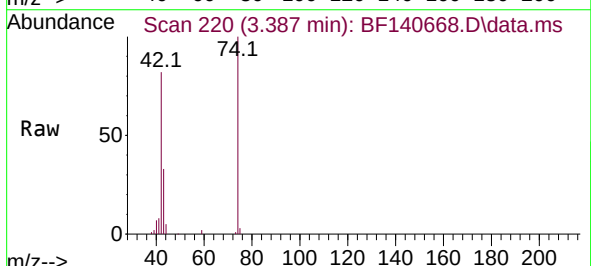
Tgt Ion: 42 Resp: 99000

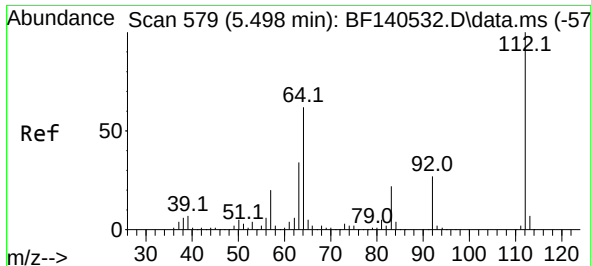
Ion Ratio Lower Upper

42 100

74 121.3 93.8 140.6

44 5.9 4.6 6.8





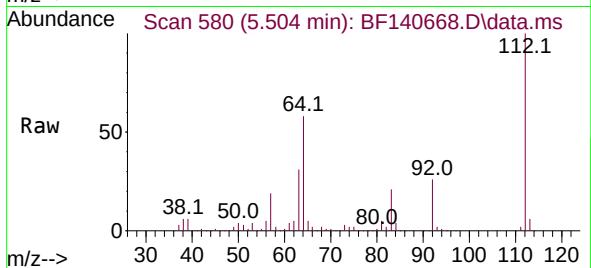
#5
2-Fluorophenol
Concen: 61.901 ng
RT: 5.504 min Scan# 579
Delta R.T. 0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



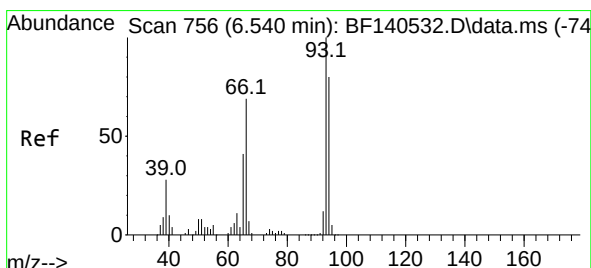
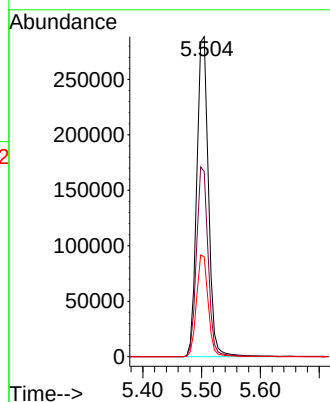
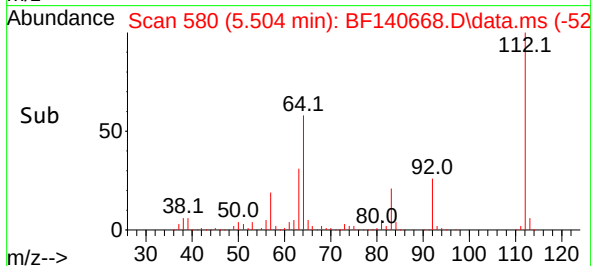
Tgt Ion:112 Resp: 398499
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.2 27.0 40.4

Manual Integrations

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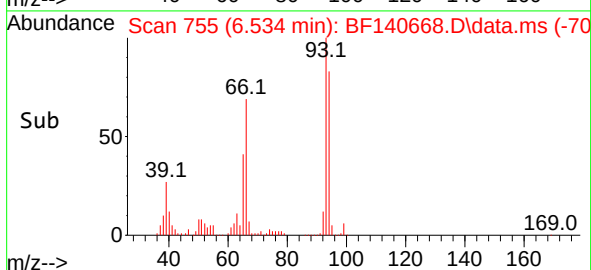
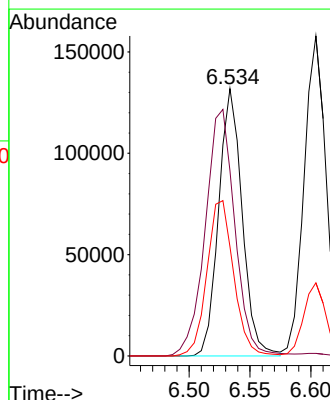
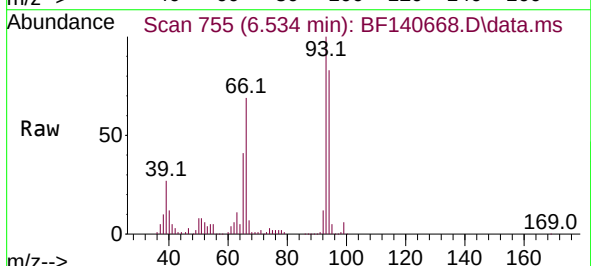
Reviewed By :Yogesh Patel 11/29/2024

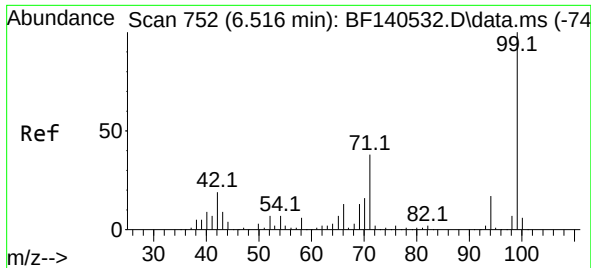
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 29.588 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

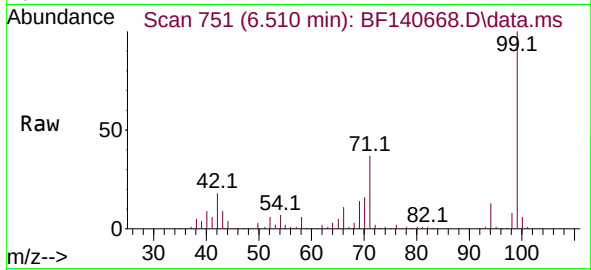
Tgt Ion: 93 Resp: 177241
Ion Ratio Lower Upper
93 100
66 69.3 56.5 84.7
65 40.9 32.9 49.3





#7
Phenol-d6
Concen: 62.177 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

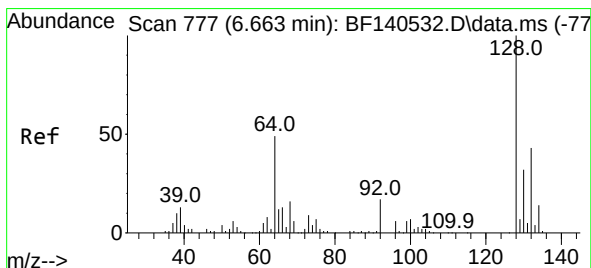
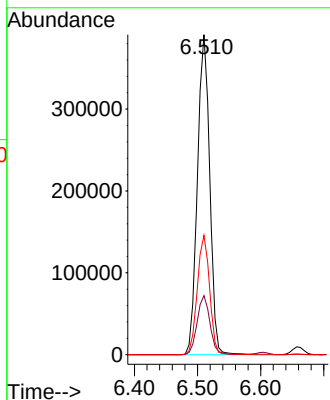
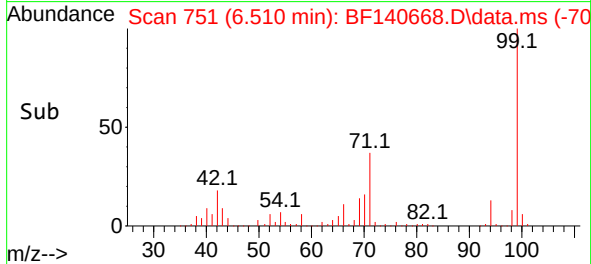
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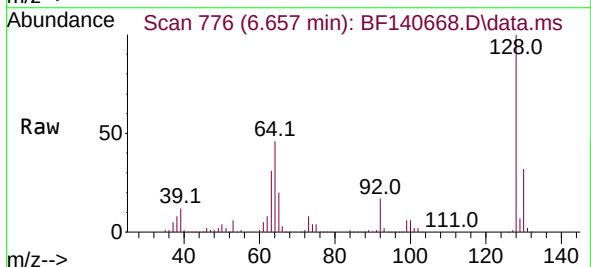
Tgt Ion: 99 Resp: 529179
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.3 30.6 46.0

Manual Integrations
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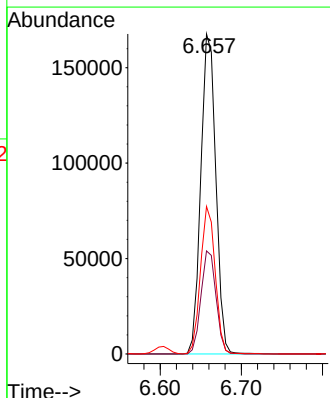
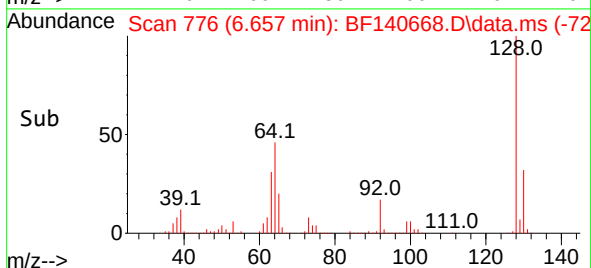
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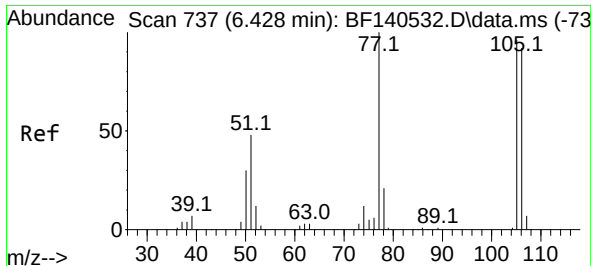


#8
2-Chlorophenol
Concen: 31.074 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



Tgt Ion:128 Resp: 215218
Ion Ratio Lower Upper
128 100
130 32.2 12.3 52.3
64 46.1 30.2 70.2





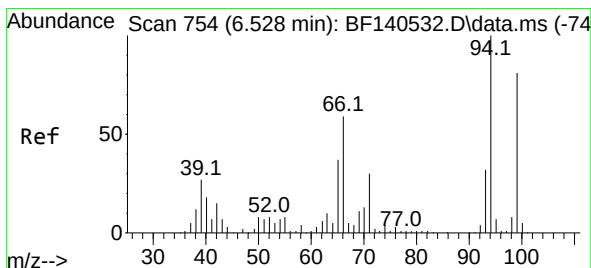
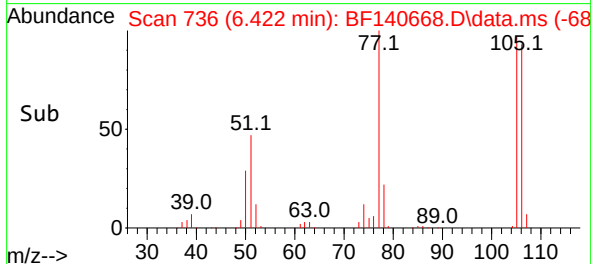
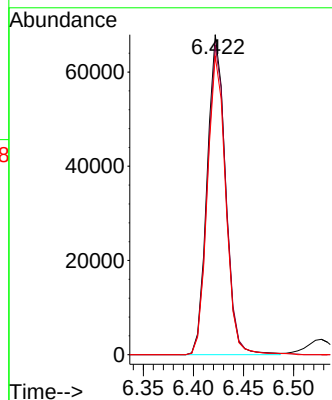
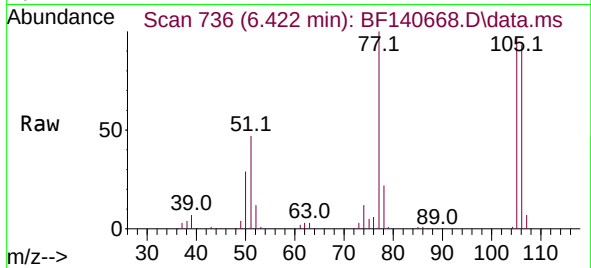
#9
Benzaldehyde
Concen: 19.260 ng
RT: 6.422 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 77 Resp: 86770
Ion Ratio Lower Upper
77 100
105 96.6 75.6 115.6
106 93.3 72.0 112.0

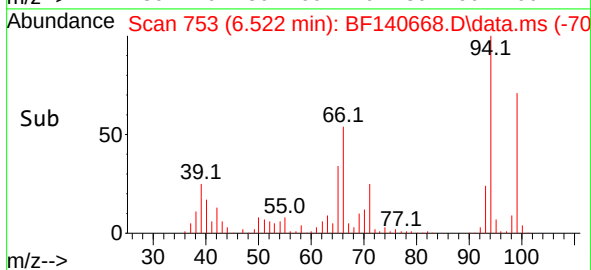
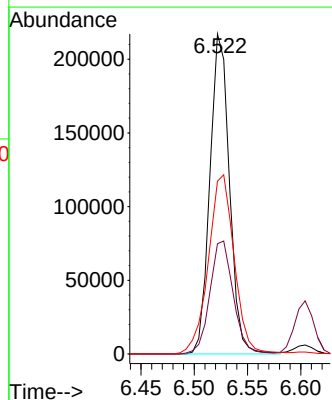
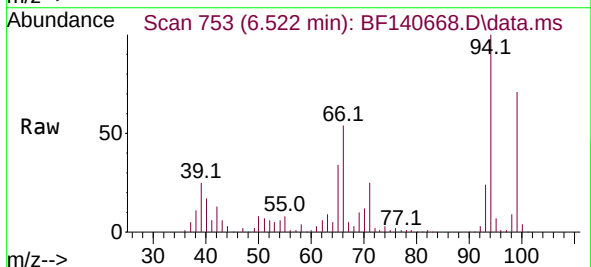
Manual Integrations
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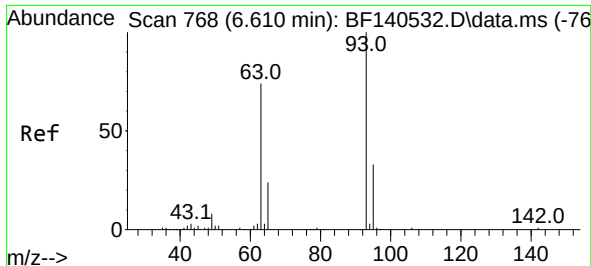
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#10
Phenol
Concen: 32.011 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion: 94 Resp: 278227
Ion Ratio Lower Upper
94 100
65 34.5 17.2 57.2
66 54.0 39.2 79.2





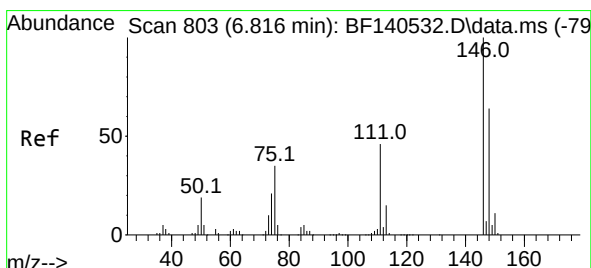
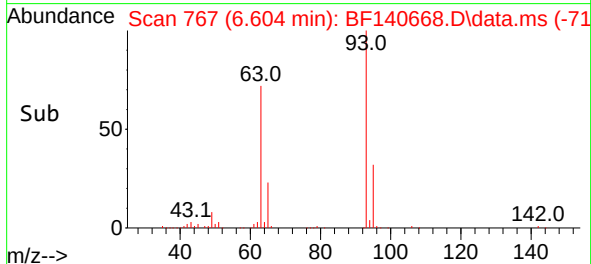
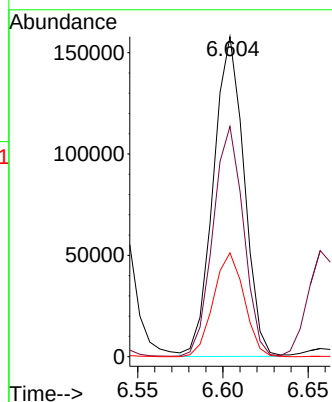
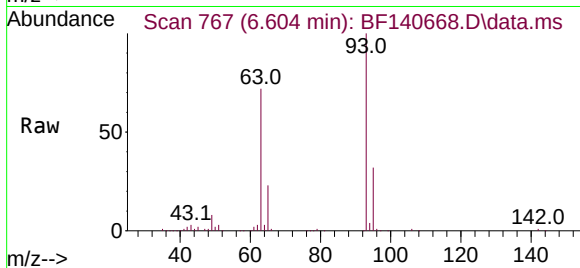
#11
bis(2-Chloroethyl)ether
Concen: 29.710 ng
RT: 6.604 min Scan# 768
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 93 Resp: 197602
Ion Ratio Lower Upper
93 100
63 71.9 52.8 92.8
95 32.5 12.3 52.3

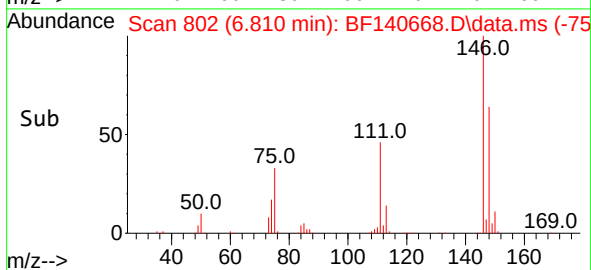
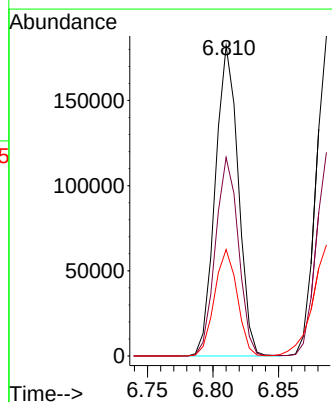
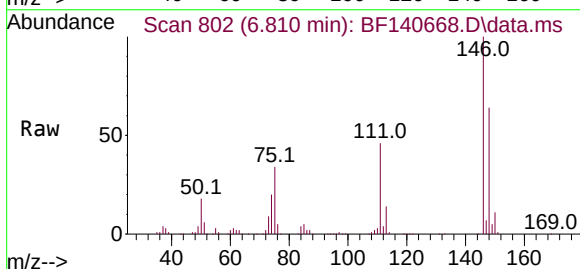
Manual Integrations
APPROVED

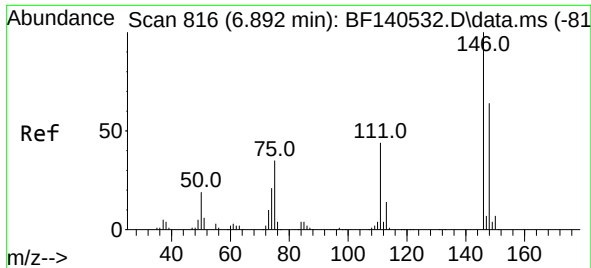
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#12
1,3-Dichlorobenzene
Concen: 28.494 ng
RT: 6.810 min Scan# 802
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:146 Resp: 221748
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 34.3 28.2 42.2





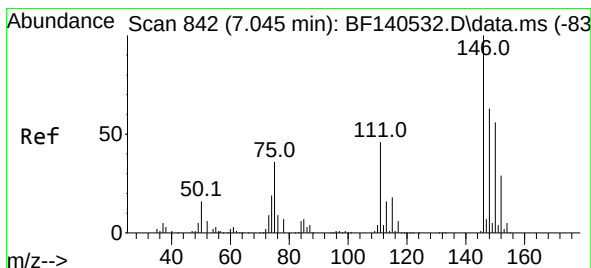
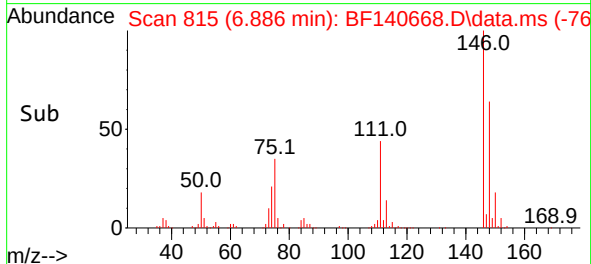
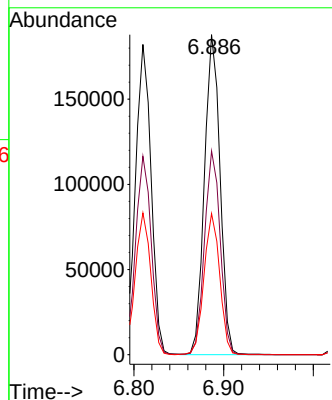
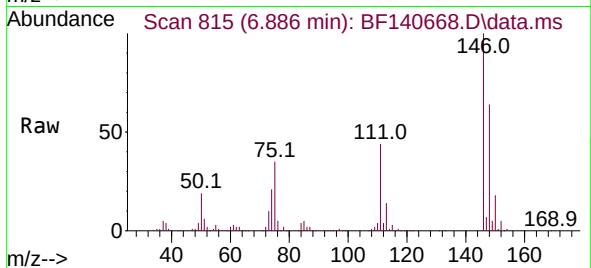
#13
1,4-Dichlorobenzene
Concen: 28.869 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:146 Resp: 227490
Ion Ratio Lower Upper
146 100
148 63.7 51.0 76.6
111 44.1 35.3 52.9

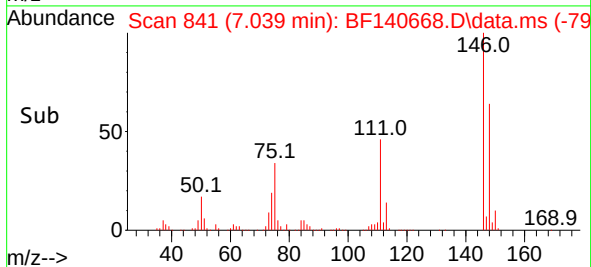
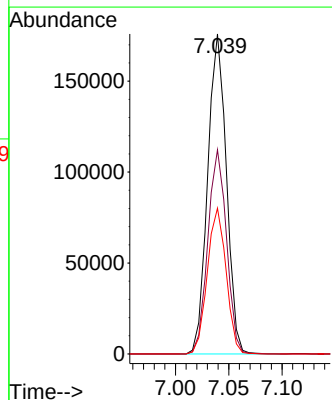
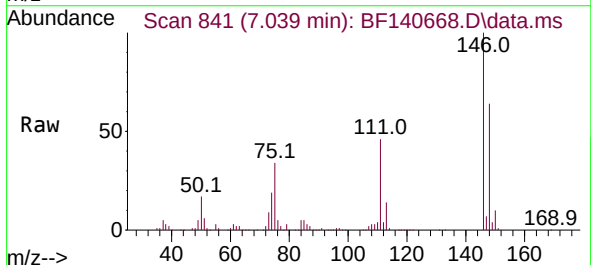
Manual Integrations
APPROVED

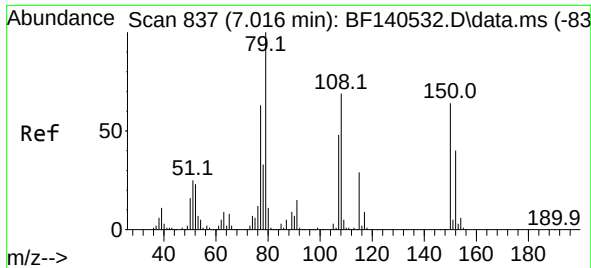
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#14
1,2-Dichlorobenzene
Concen: 29.140 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:146 Resp: 215165
Ion Ratio Lower Upper
146 100
148 63.8 50.5 75.7
111 45.6 36.7 55.1





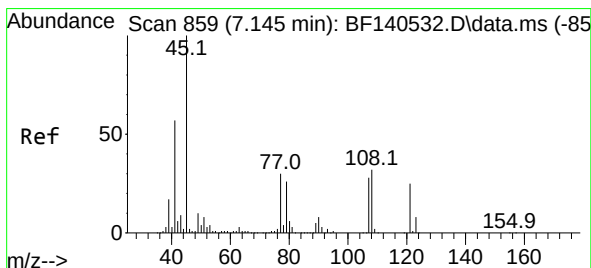
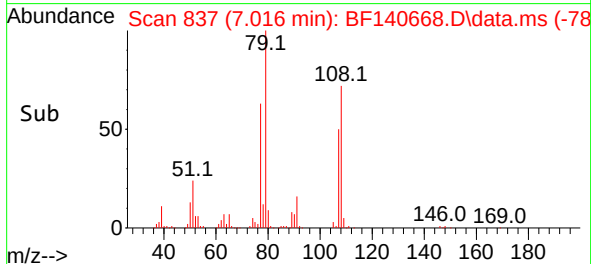
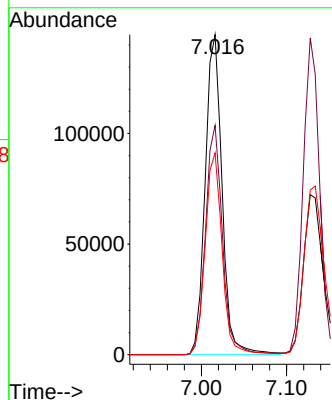
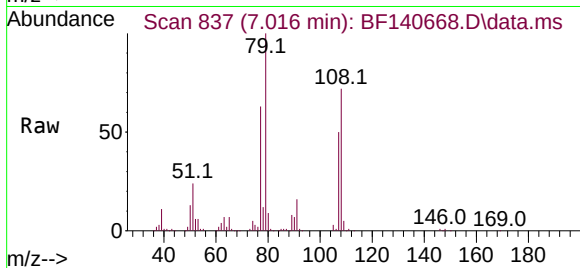
#15
Benzyl Alcohol
Concen: 31.611 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 79 Resp: 199510
Ion Ratio Lower Upper
79 100
108 71.7 55.0 82.6
77 63.1 50.1 75.1

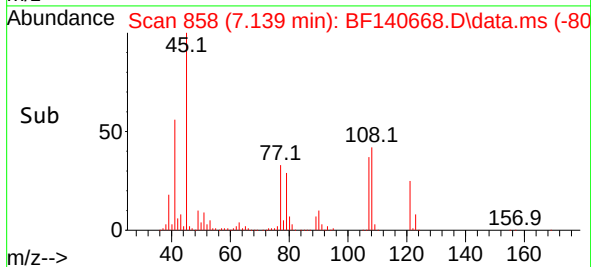
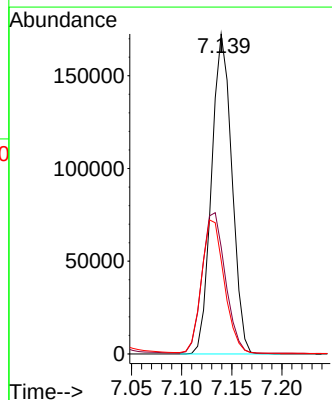
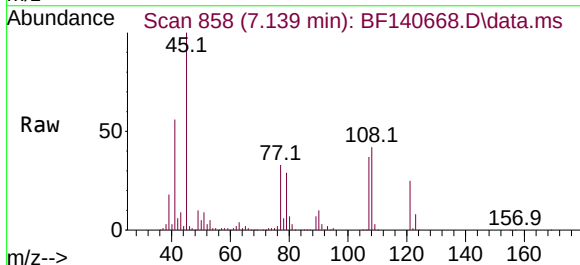
Manual Integrations
APPROVED

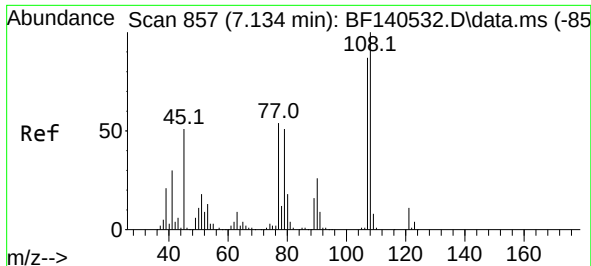
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.012 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

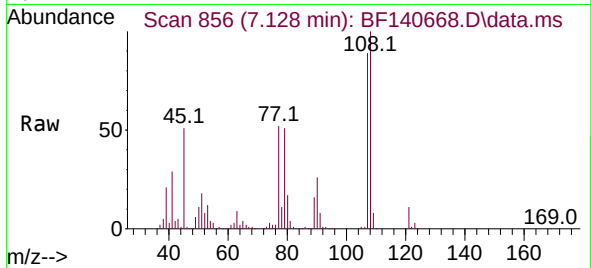
Tgt Ion: 45 Resp: 243680
Ion Ratio Lower Upper
45 100
77 33.5 10.7 50.7
79 29.3 7.0 47.0





#17
2-Methylphenol
Concen: 30.668 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

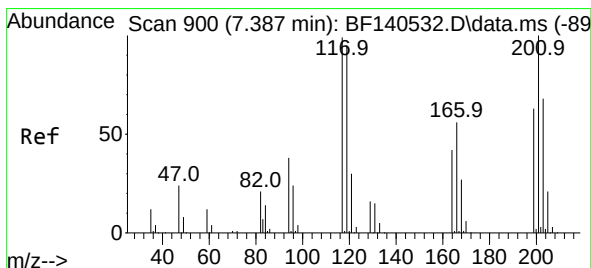
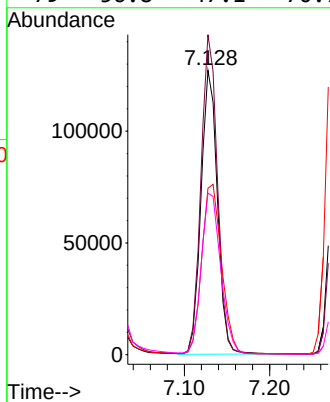
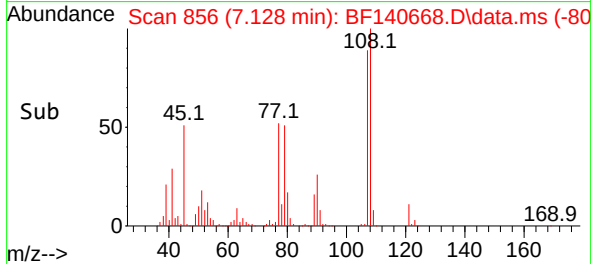
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:107 Resp: 17003
Ion Ratio Lower Upper
107 100
108 112.5 91.7 137.5
77 58.5 49.3 73.9
79 56.8 47.1 70.7

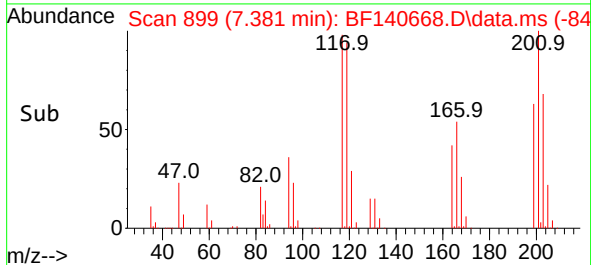
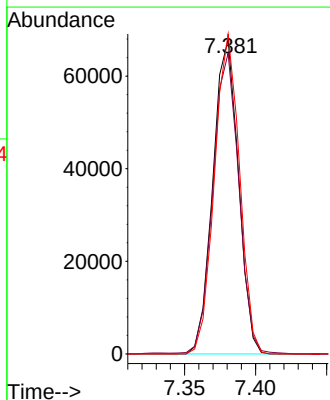
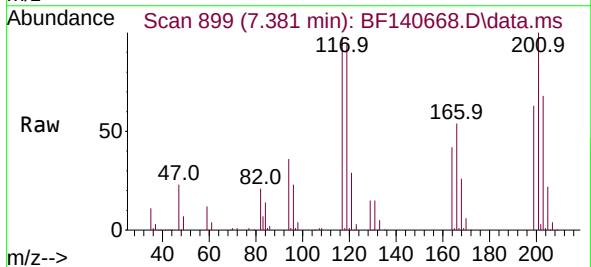
Manual Integrations
APPROVED

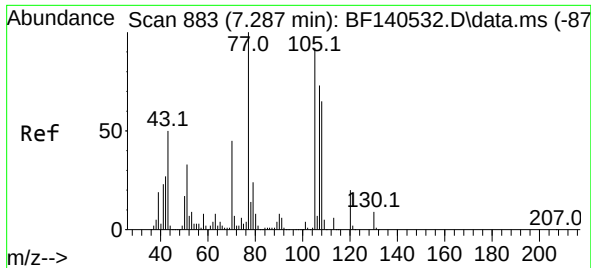
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#18
Hexachloroethane
Concen: 28.732 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:117 Resp: 84560
Ion Ratio Lower Upper
117 100
119 95.7 77.1 115.7
201 101.8 81.1 121.7





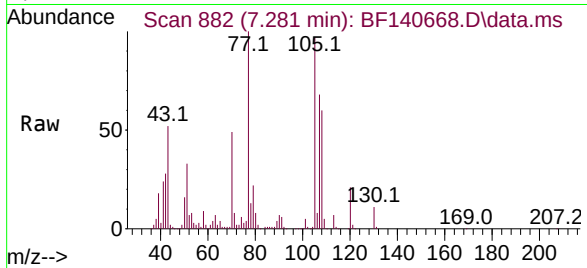
#19
n-Nitroso-di-n-propylamine
Concen: 30.305 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

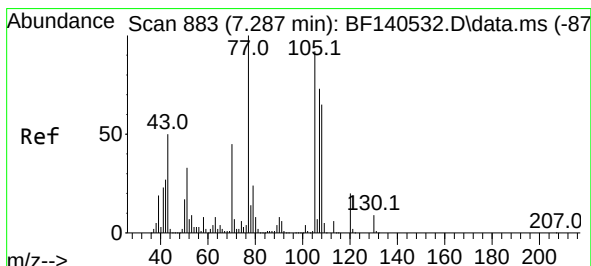
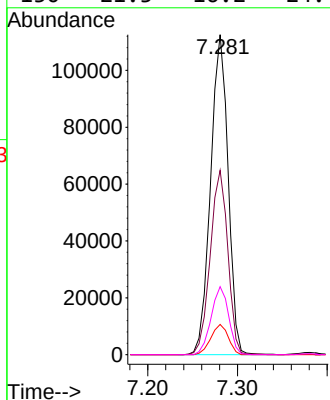
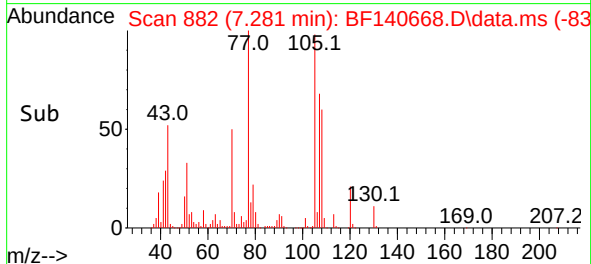


Tgt Ion: 70 Resp: 152430
Ion Ratio Lower Upper
70 100
42 57.6 47.6 71.4
101 9.5 7.6 11.4
130 21.3 16.2 24.4

Manual Integrations

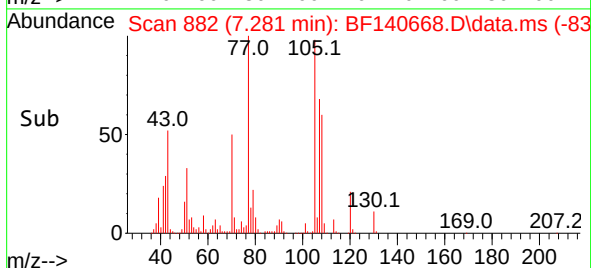
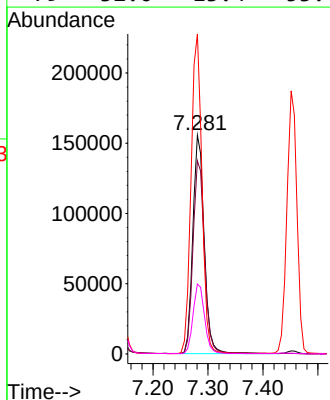
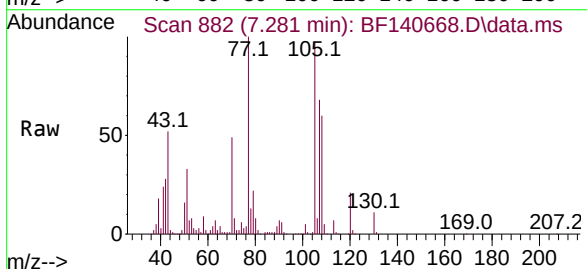
APPROVED

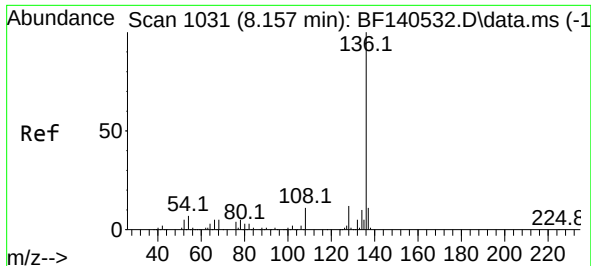
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#20
3+4-Methylphenols
Concen: 31.260 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:107 Resp: 222762
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 146.3 117.7 157.7
79 32.0 13.4 53.4





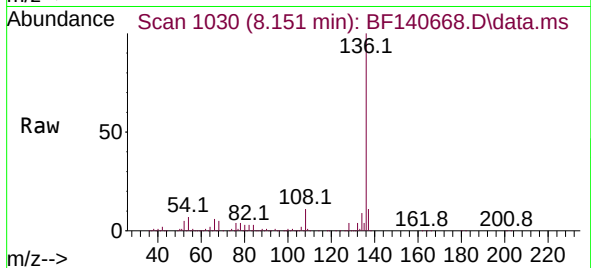
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



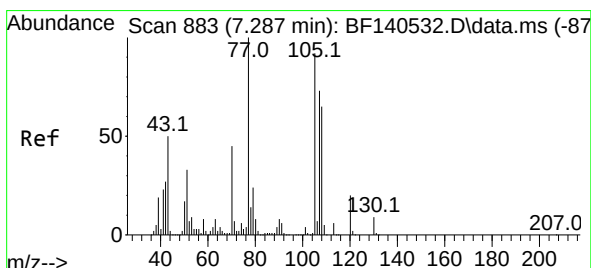
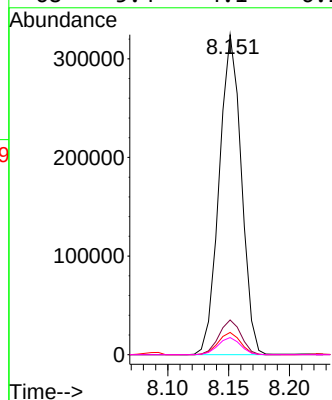
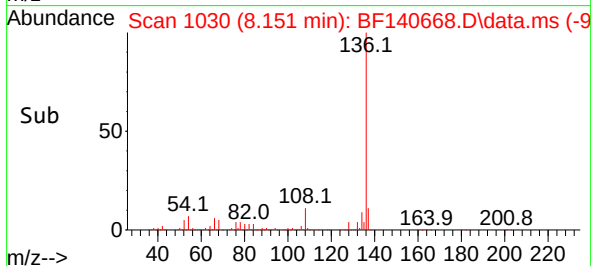
Tgt Ion:136 Resp: 410668
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.0 5.8 8.8
68 5.4 4.1 6.1

Manual Integrations

APPROVED

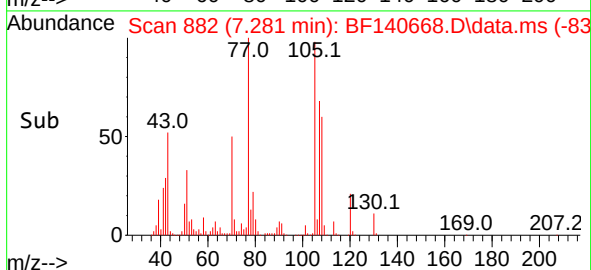
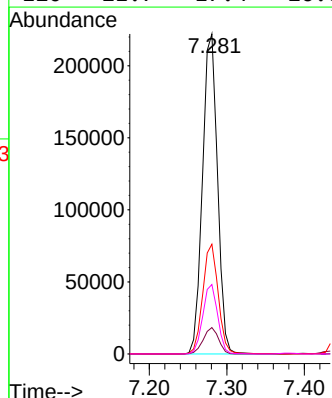
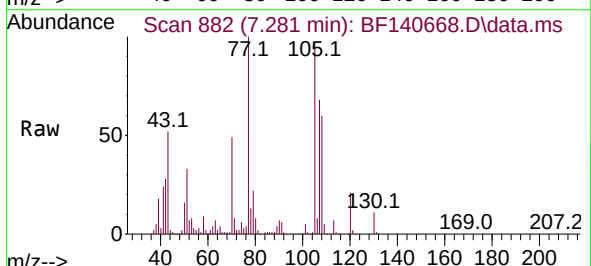
Reviewed By :Yogesh Patel 11/29/2024

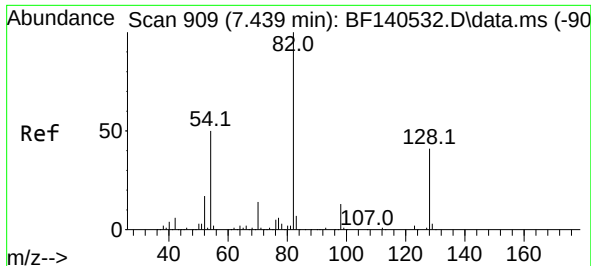
Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 29.835 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:105 Resp: 298705
Ion Ratio Lower Upper
105 100
71 8.3 6.2 9.2
51 34.3 29.0 43.6
120 21.7 17.4 26.0





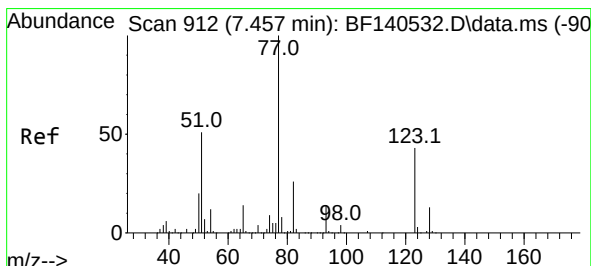
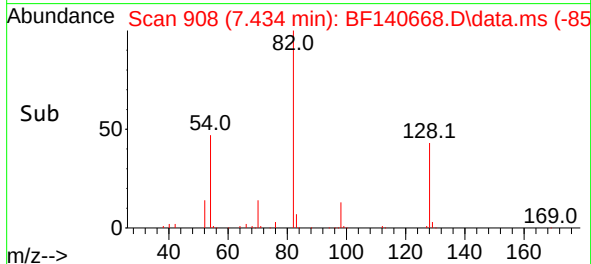
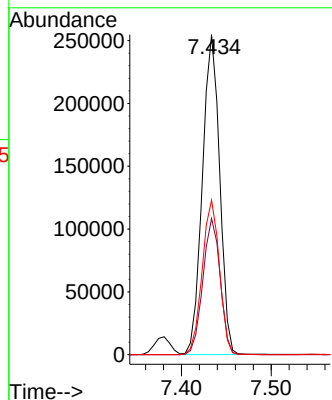
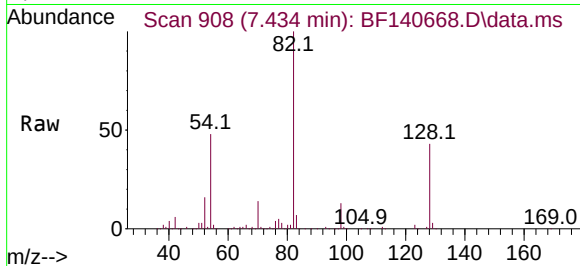
#23
Nitrobenzene-d5
Concen: 42.386 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 82 Resp: 340304
Ion Ratio Lower Upper
82 100
128 42.6 33.0 49.4
54 48.3 39.5 59.3

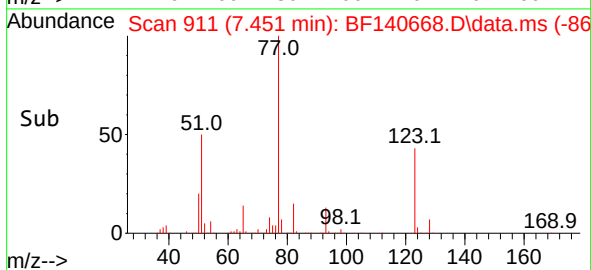
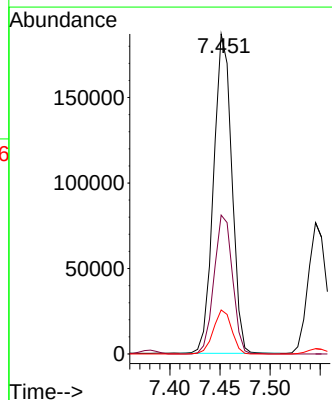
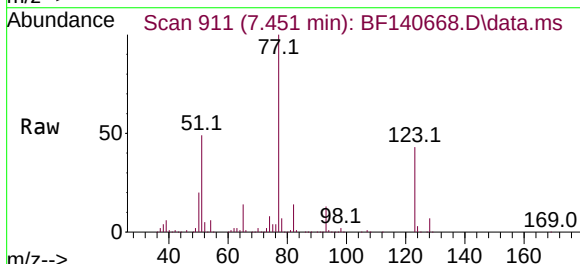
Manual Integrations
APPROVED

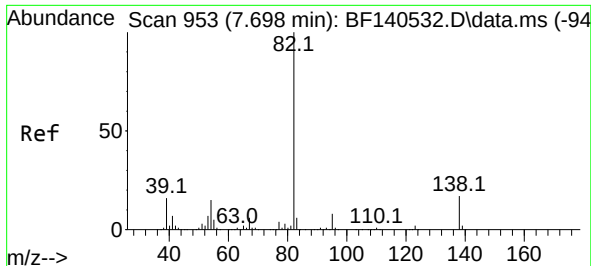
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#24
Nitrobenzene
Concen: 28.457 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion: 77 Resp: 236133
Ion Ratio Lower Upper
77 100
123 43.4 34.3 51.5
65 13.8 11.2 16.8





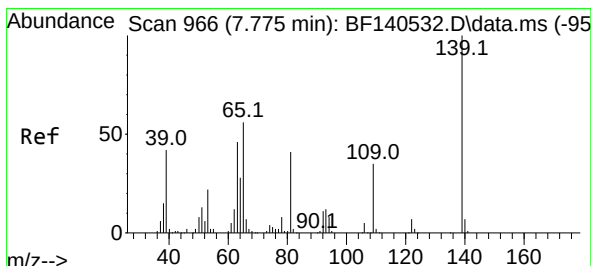
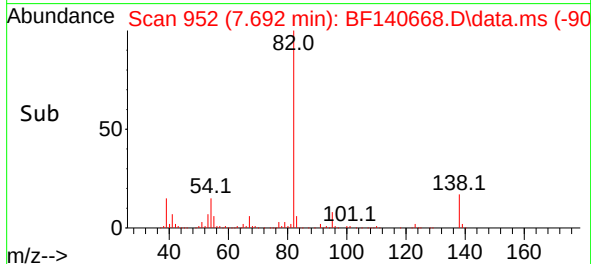
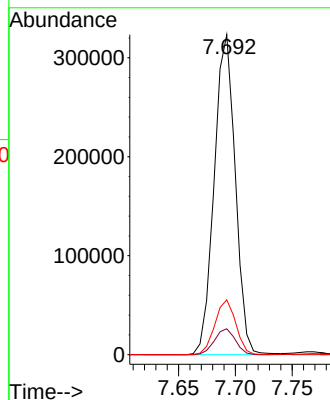
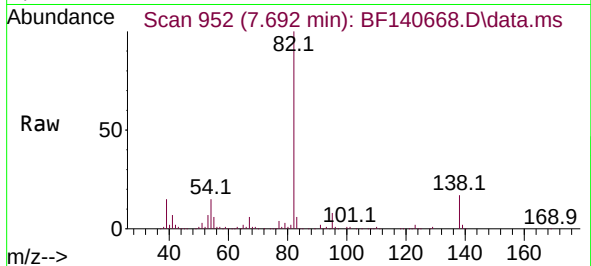
#25
Isophorone
Concen: 31.188 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion: 82 Resp: 41764
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 17.1 13.8 20.6

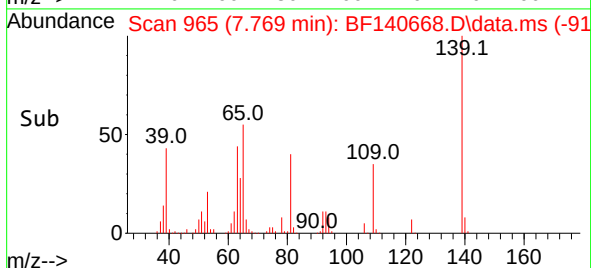
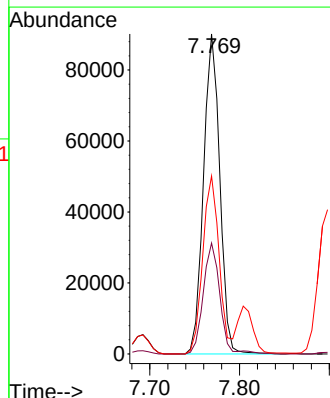
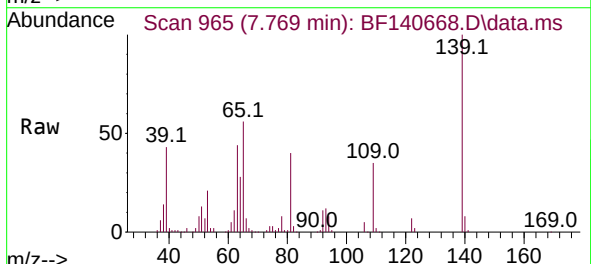
Manual Integrations
APPROVED

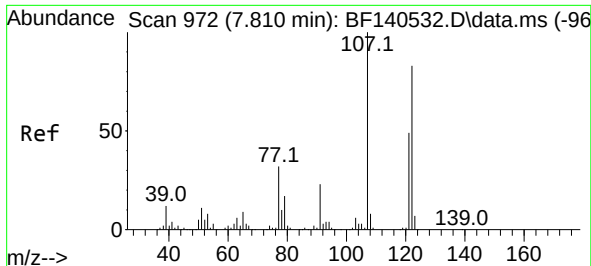
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 30.866 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:139 Resp: 113501
Ion Ratio Lower Upper
139 100
109 34.7 28.0 42.0
65 55.6 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 38.503 ng m

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

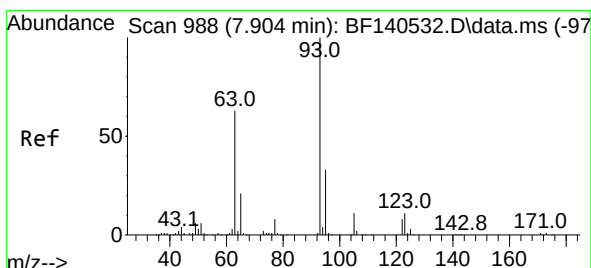
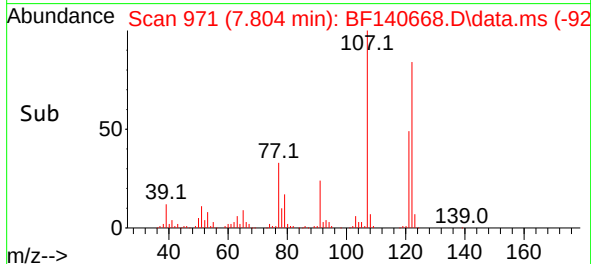
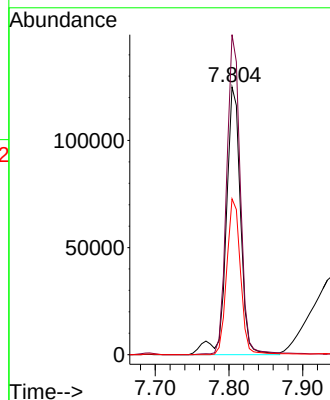
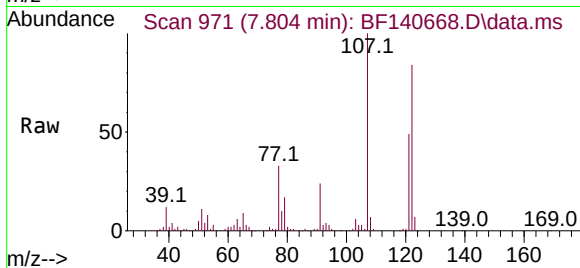
Tgt Ion:122 Resp: 16940
 Ion Ratio Lower Upper
 122 100
 107 119.6 96.8 145.2
 121 58.2 47.4 71.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#28

bis(2-Chloroethoxy)methane

Concen: 30.904 ng

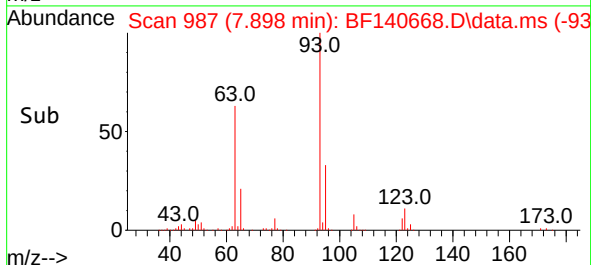
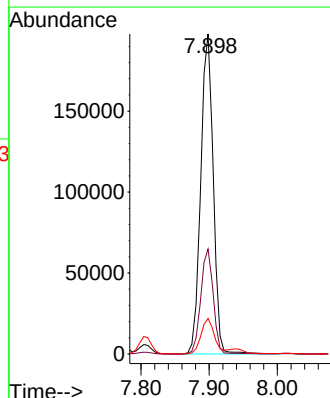
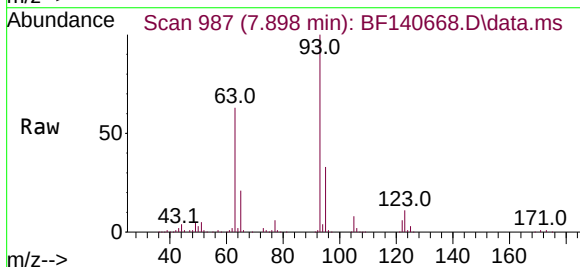
RT: 7.898 min Scan# 987

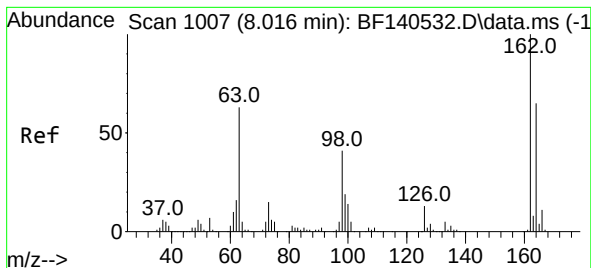
Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Tgt Ion: 93 Resp: 252113
 Ion Ratio Lower Upper
 93 100
 95 32.8 26.1 39.1
 123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 32.056 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:162 Resp: 18688

Ion Ratio Lower Upper

162 100

164 63.7 44.8 84.8

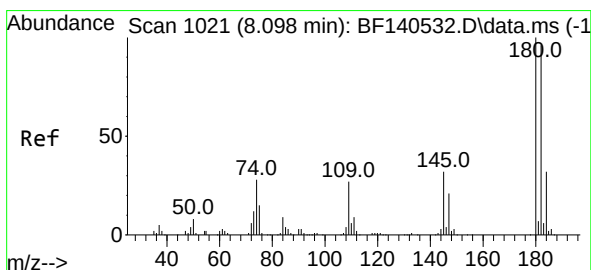
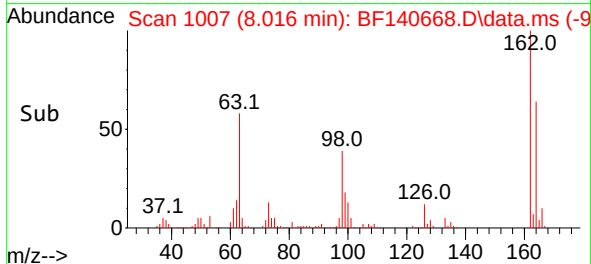
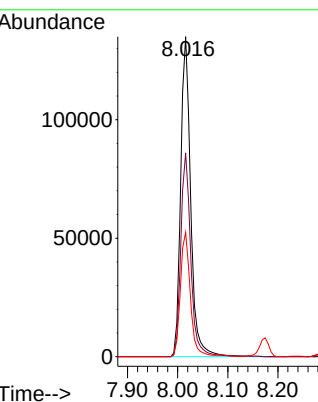
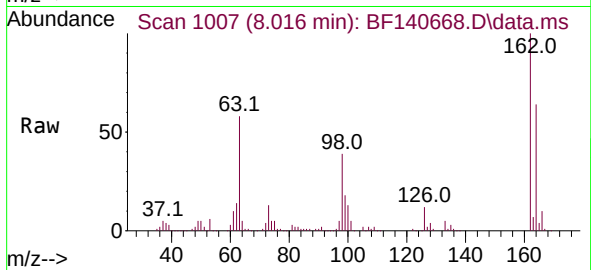
98 38.9 21.2 61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 28.844 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

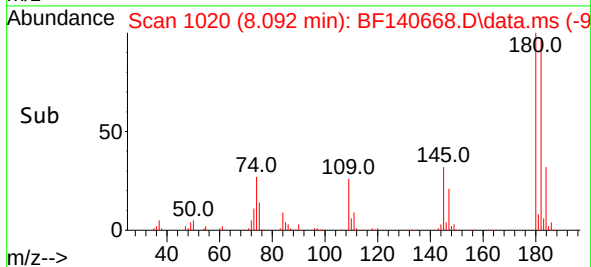
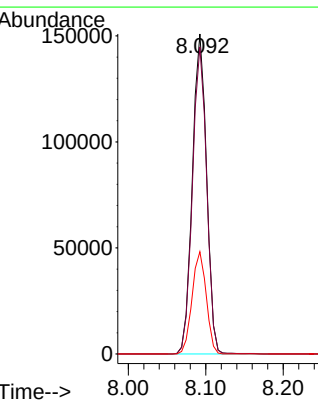
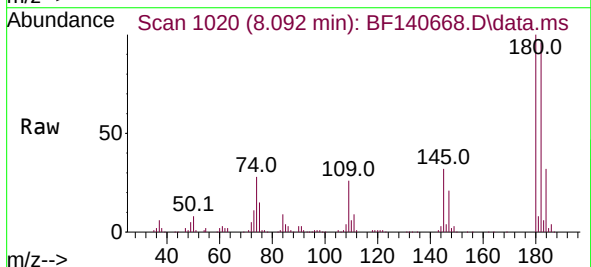
Tgt Ion:180 Resp: 192003

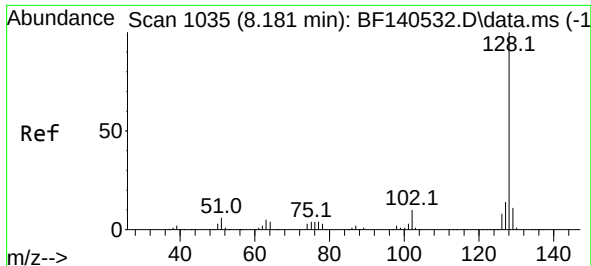
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

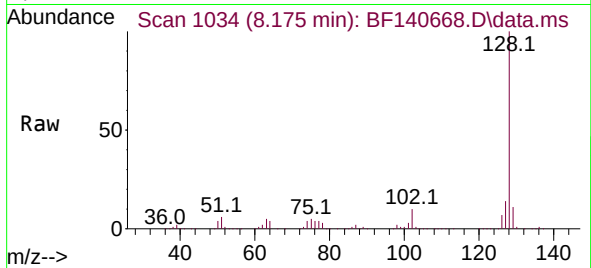
145 32.0 25.9 38.9





#31
Naphthalene
Concen: 29.731 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

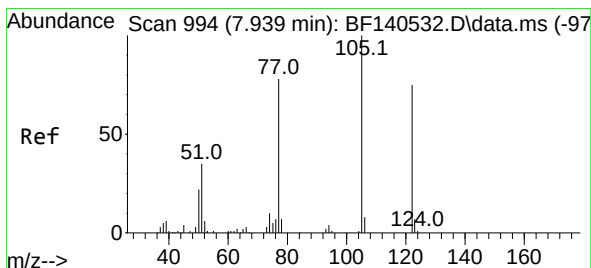
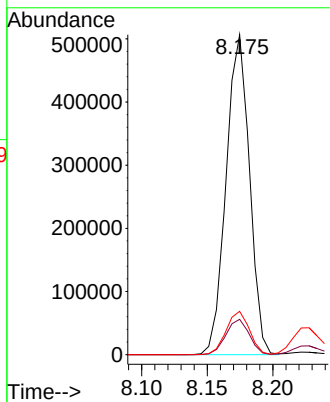
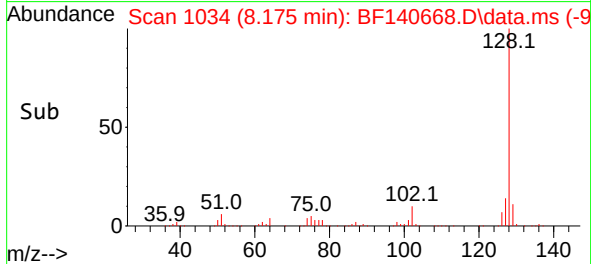
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:128 Resp: 62889
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.6 10.8 16.2

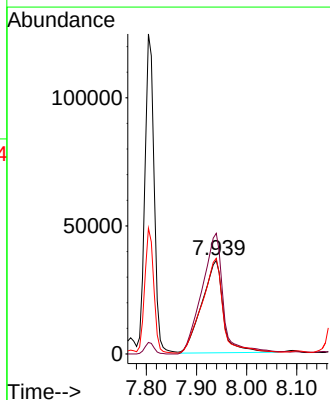
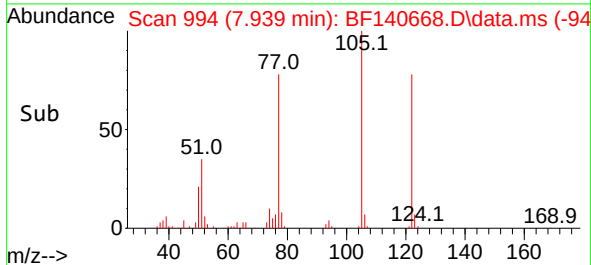
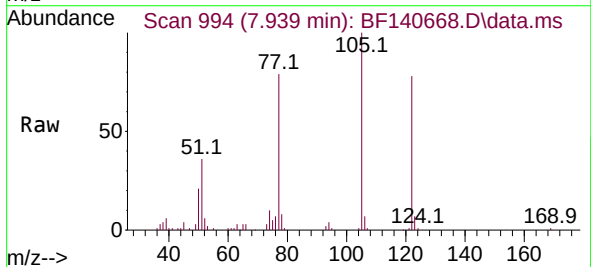
Manual Integrations
APPROVED

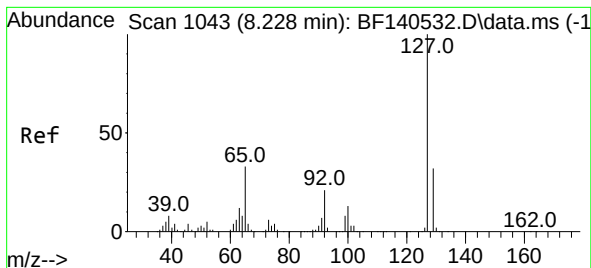
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#32
Benzoic acid
Concen: 30.983 ng
RT: 7.939 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:122 Resp: 107143
Ion Ratio Lower Upper
122 100
105 128.8 109.3 149.3
77 102.2 82.3 122.3





#33

4-Chloroaniline

Concen: 12.942 ng

RT: 8.228 min Scan# 1043

Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

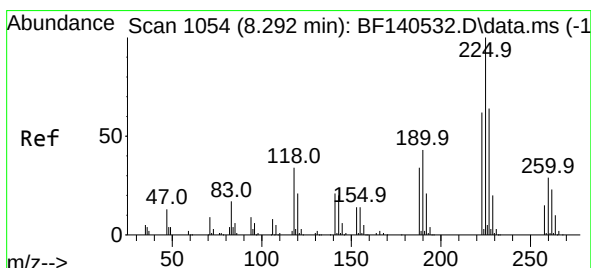
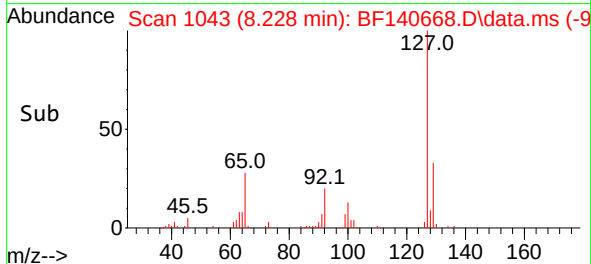
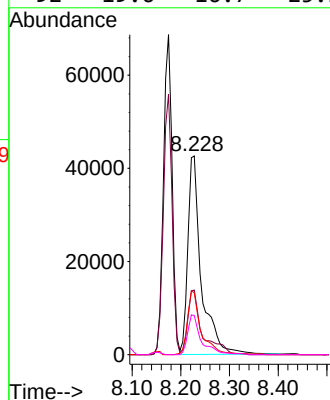
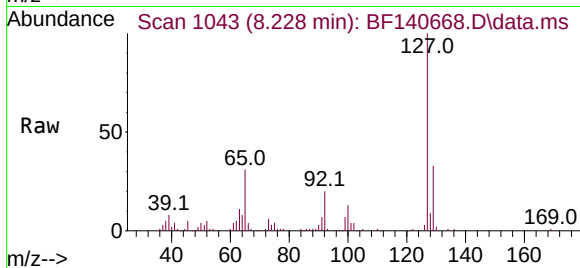
Tgt Ion:	127	Resp:	8196
Ion Ratio	Lower	Upper	
127	100		
129	32.6	26.0	39.0
65	31.1	26.0	39.0
92	19.6	16.7	25.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#34

Hexachlorobutadiene

Concen: 29.319 ng

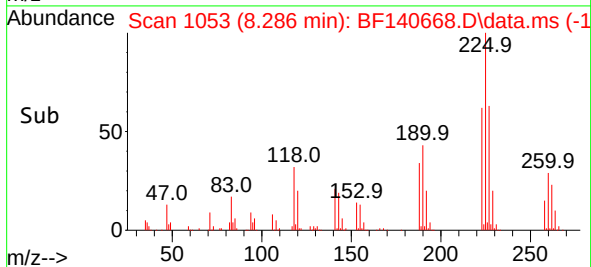
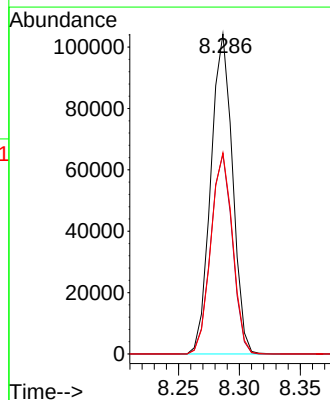
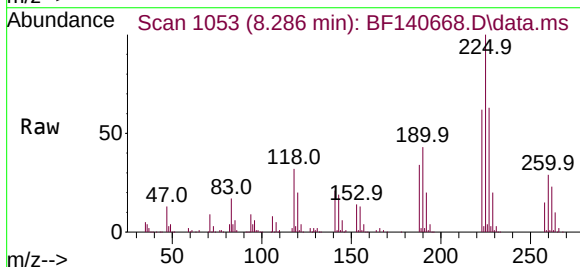
RT: 8.286 min Scan# 1053

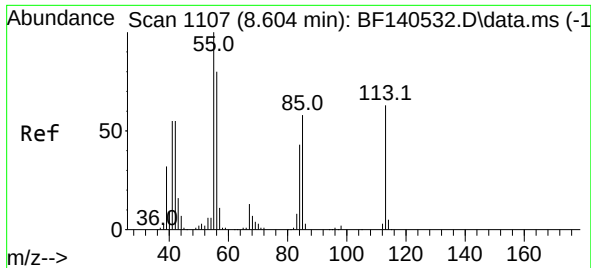
Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

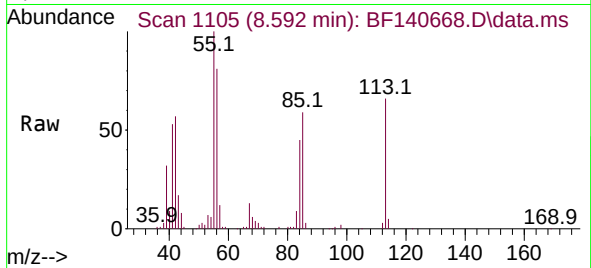
Tgt Ion:	225	Resp:	129266
Ion Ratio	Lower	Upper	
225	100		
223	62.5	49.8	74.8
227	62.9	51.3	76.9





#35
Caprolactam
Concen: 34.807 ng m
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

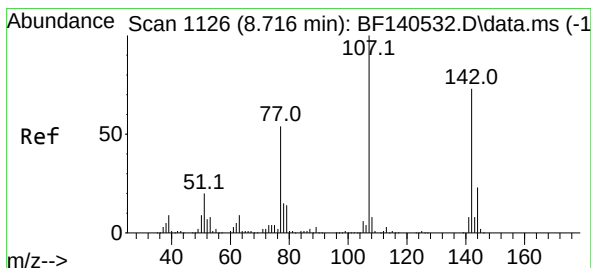
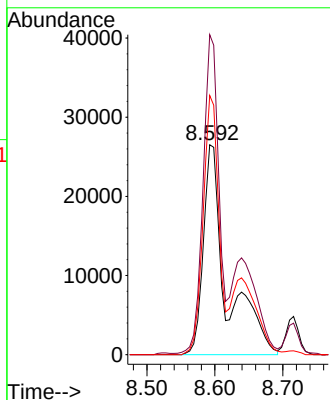
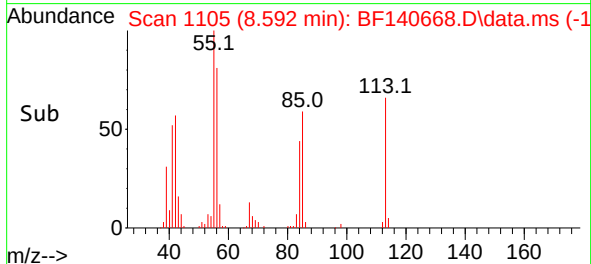
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:113 Resp: 62795
Ion Ratio Lower Upper
113 100
55 152.4 137.7 177.7
56 123.4 106.4 146.4

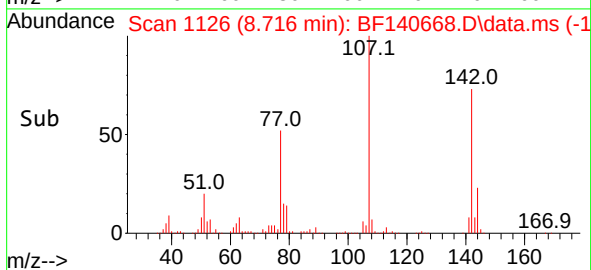
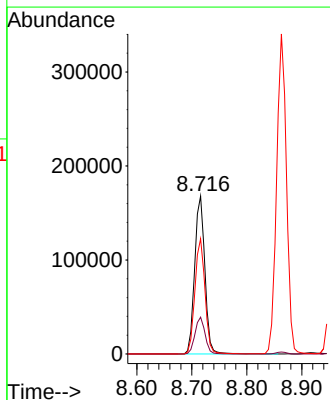
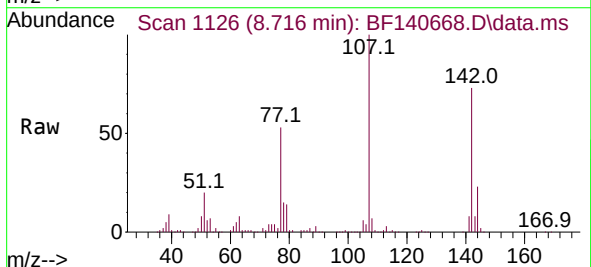
Manual Integrations
APPROVED

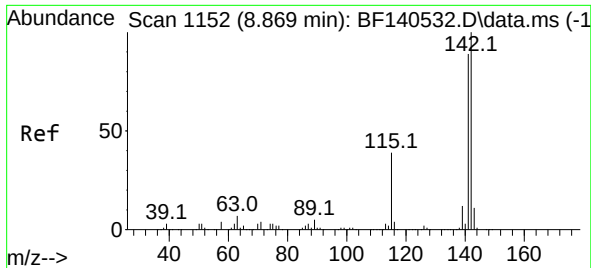
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 33.148 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:107 Resp: 216372
Ion Ratio Lower Upper
107 100
144 23.3 18.7 28.1
142 73.0 58.3 87.5





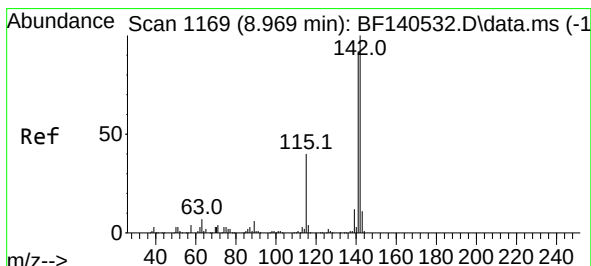
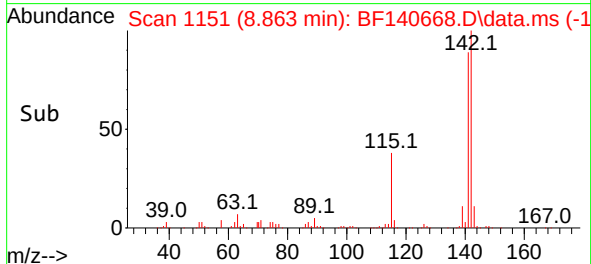
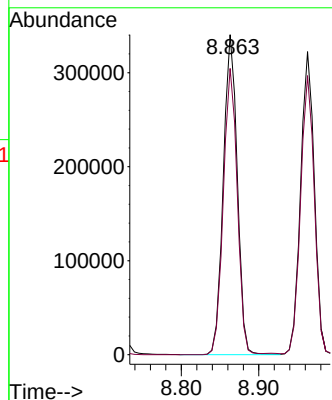
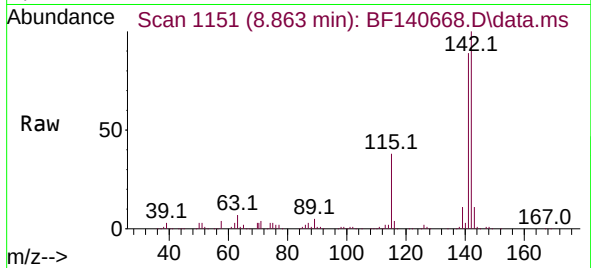
#37
2-Methylnaphthalene
Concen: 31.686 ng
RT: 8.863 min Scan# 1152
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:142 Resp: 425719
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6

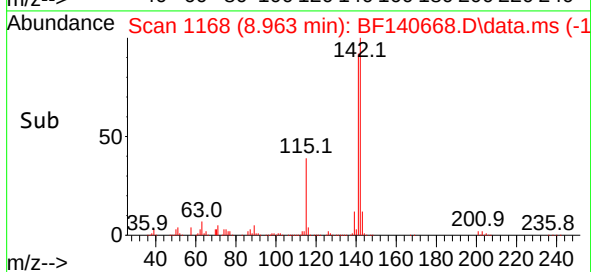
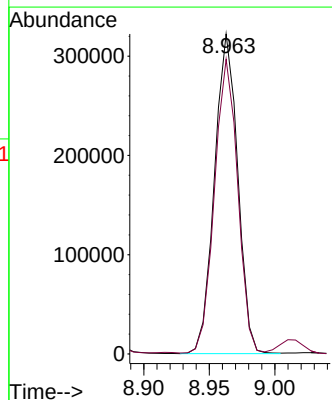
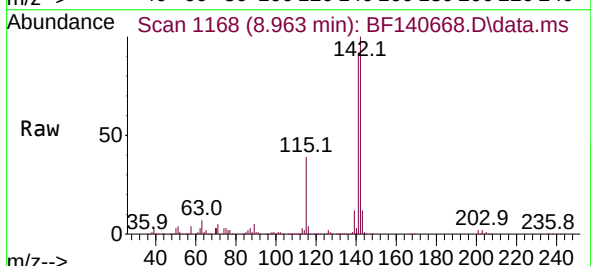
Manual Integrations
APPROVED

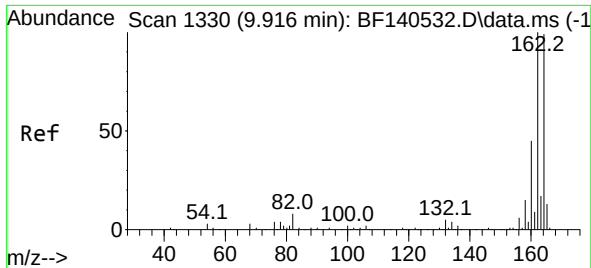
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 30.099 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:142 Resp: 396387
Ion Ratio Lower Upper
142 100
141 92.1 73.3 109.9





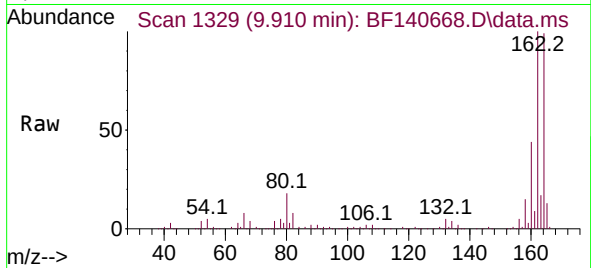
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



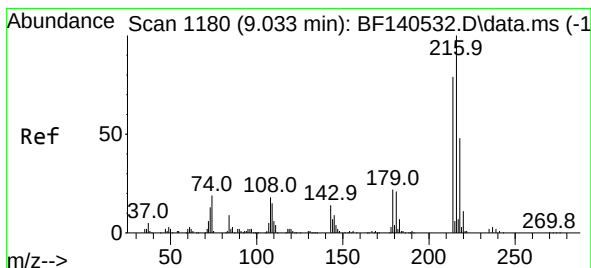
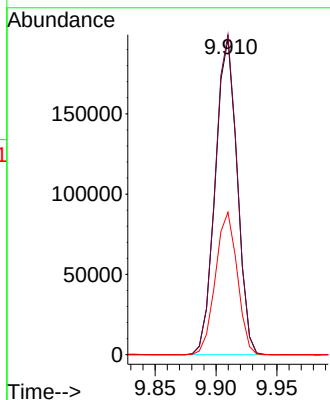
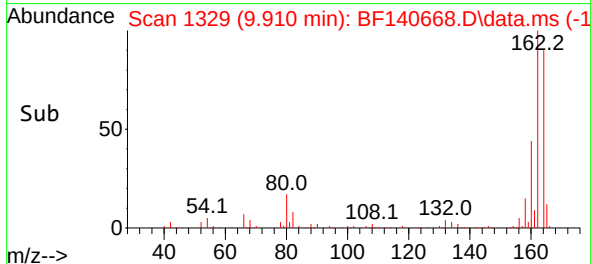
Tgt Ion:164 Resp: 24611
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.1 36.2 54.4

Manual Integrations

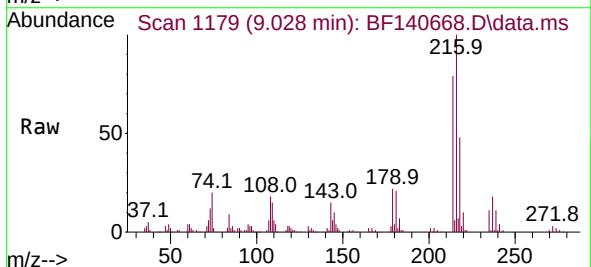
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

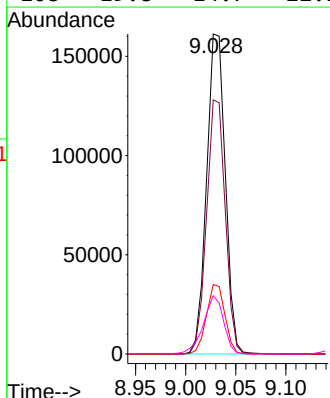
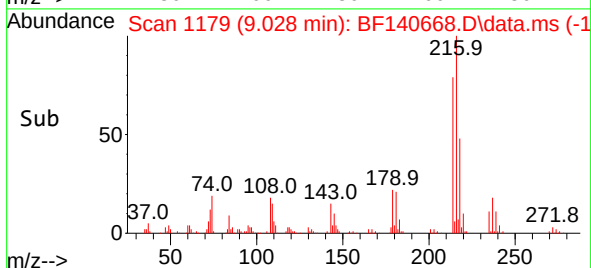
Supervised By :mohammad ahmed 11/29/2024

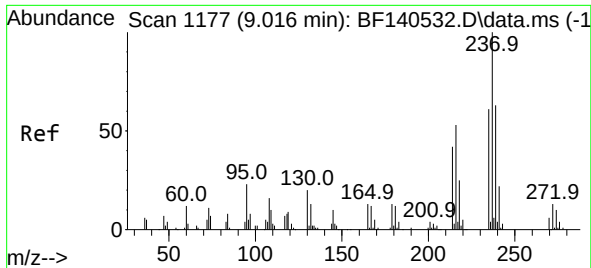


#40
1,2,4,5-Tetrachlorobenzene
Concen: 29.119 ng
RT: 9.028 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



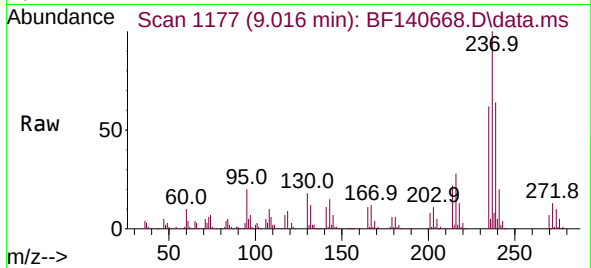
Tgt Ion:216 Resp: 209798
Ion Ratio Lower Upper
216 100
214 79.2 63.0 94.4
179 21.4 17.5 26.3
108 19.8 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 94.564 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

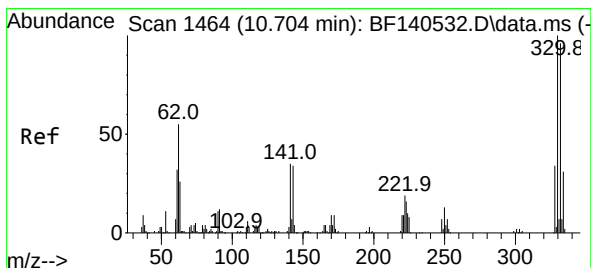
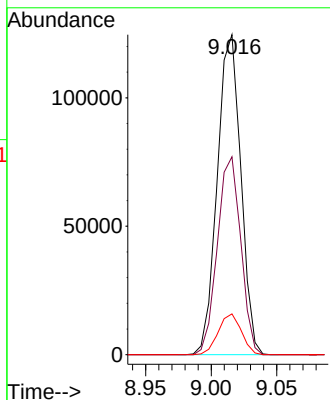
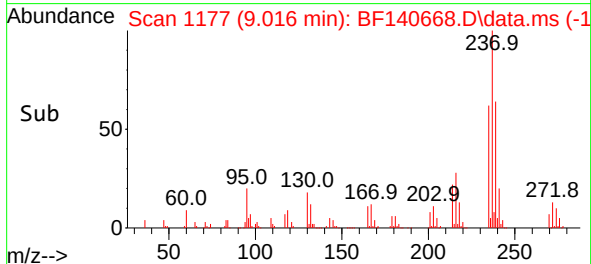
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



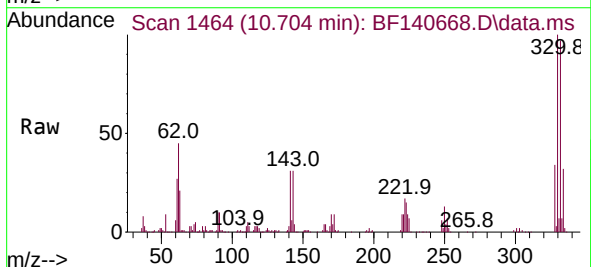
Tgt Ion:237 Resp: 155512
Ion Ratio Lower Upper
237 100
235 61.8 41.1 81.1
272 12.7 0.0 32.6

Manual Integrations
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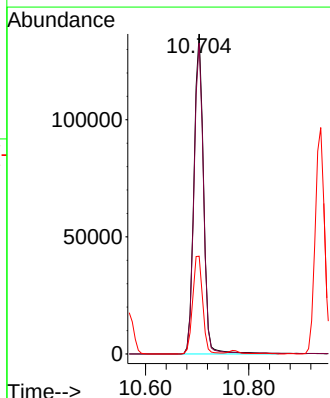
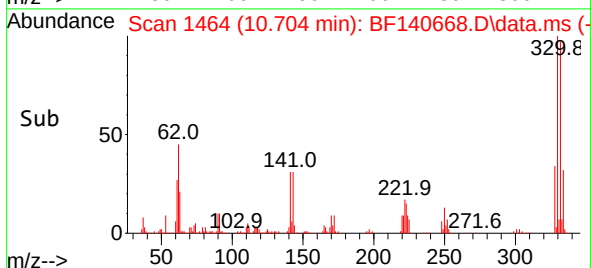
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

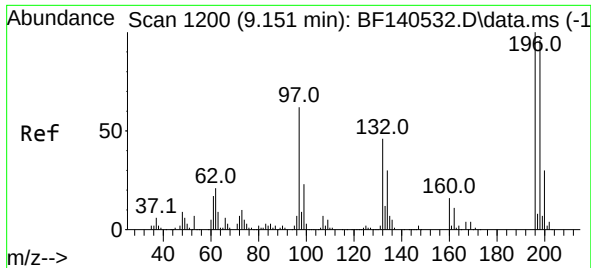


#42
2,4,6-Tribromophenol
Concen: 66.830 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



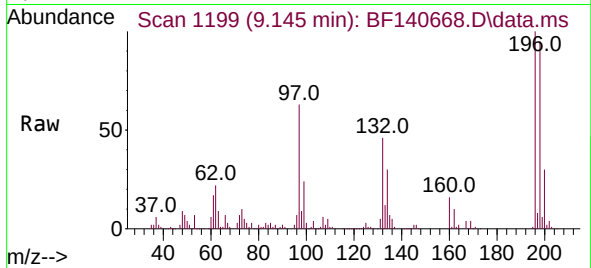
Tgt Ion:330 Resp: 175907
Ion Ratio Lower Upper
330 100
332 95.9 76.9 115.3
141 31.9 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 30.393 ng
RT: 9.145 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

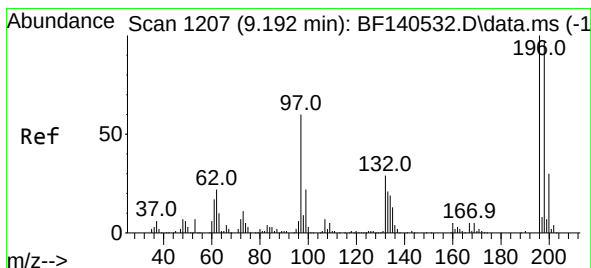
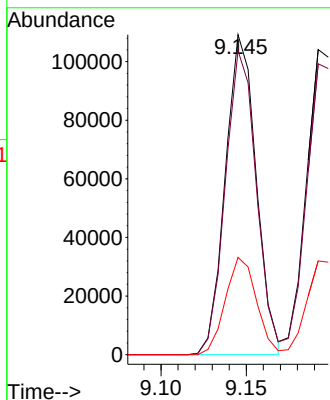
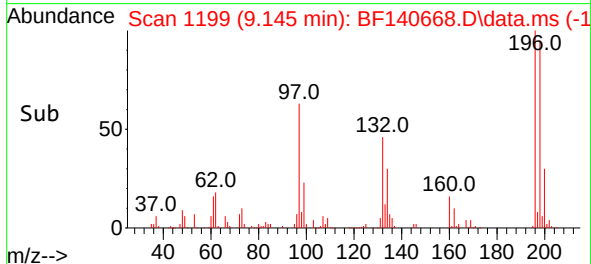
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:196 Resp: 137408
Ion Ratio Lower Upper
196 100
198 95.0 76.8 115.2
200 30.4 24.3 36.5

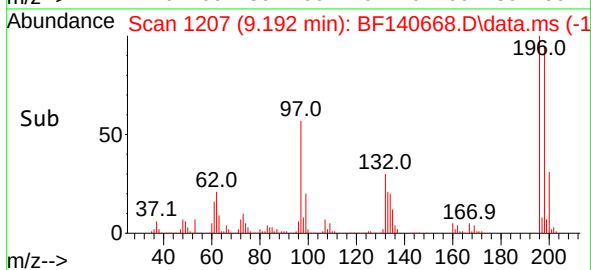
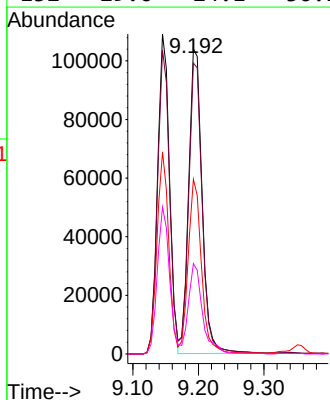
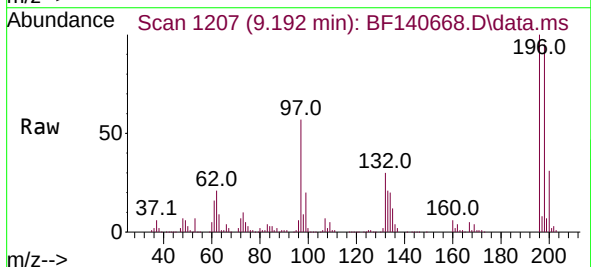
Manual Integrations
APPROVED

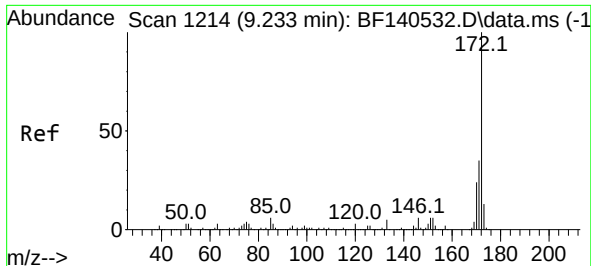
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#44
2,4,5-Trichlorophenol
Concen: 30.282 ng
RT: 9.192 min Scan# 1207
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

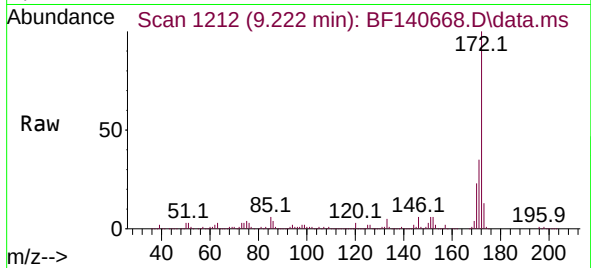
Tgt Ion:196 Resp: 148581
Ion Ratio Lower Upper
196 100
198 95.3 77.2 115.8
97 57.3 47.1 70.7
132 29.6 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 41.196 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

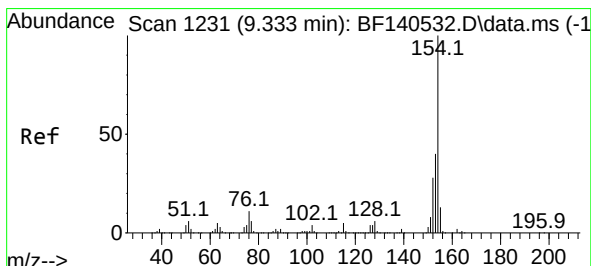
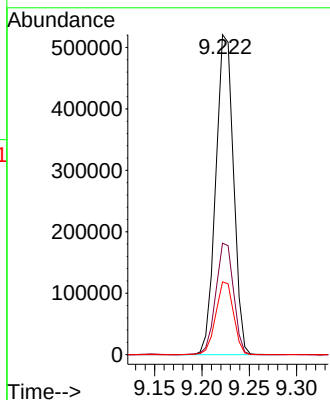
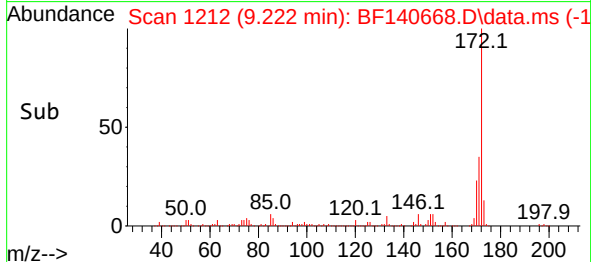
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



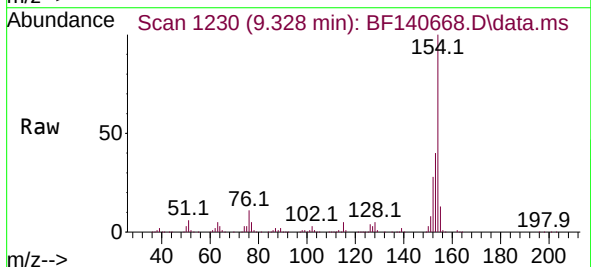
Tgt Ion:172 Resp: 680480
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 22.8 19.0 28.6

Manual Integrations
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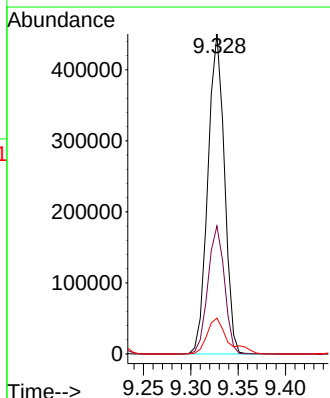
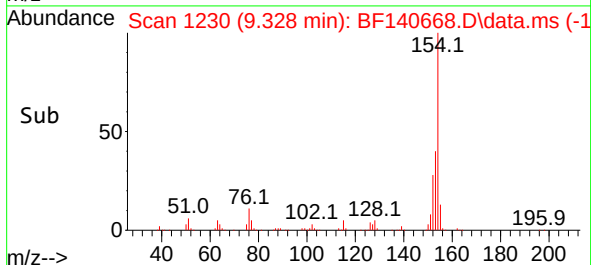
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

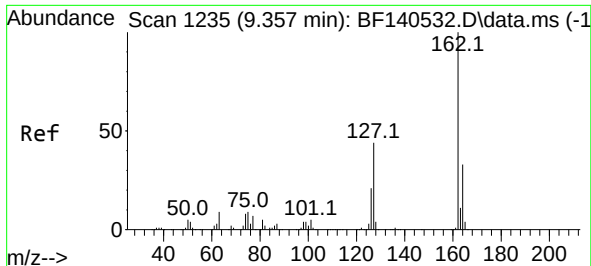


#46
1,1'-Biphenyl
Concen: 29.828 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



Tgt Ion:154 Resp: 548084
Ion Ratio Lower Upper
154 100
153 40.0 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 29.207 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

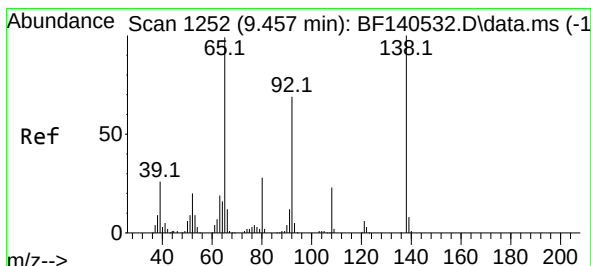
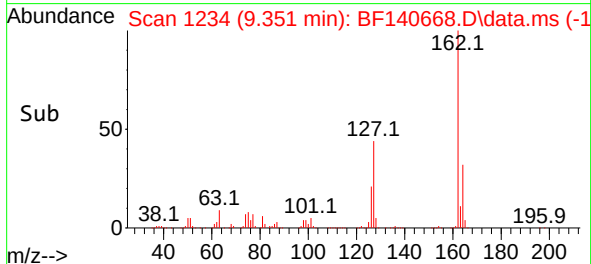
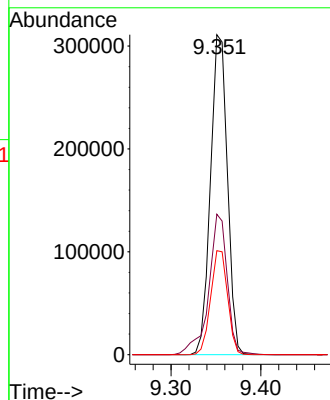
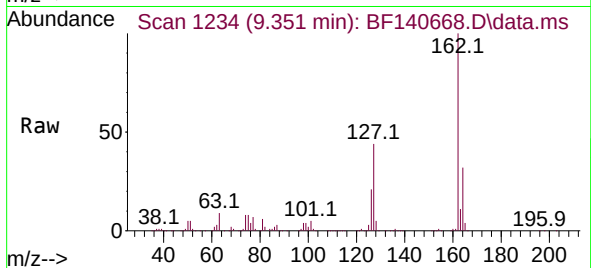
Tgt Ion:162 Resp: 406649
 Ion Ratio Lower Upper
 162 100
 127 43.9 35.7 53.5
 164 32.5 26.1 39.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 30.736 ng

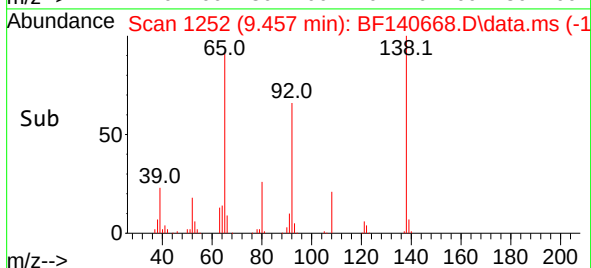
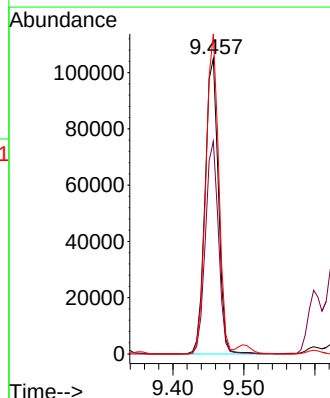
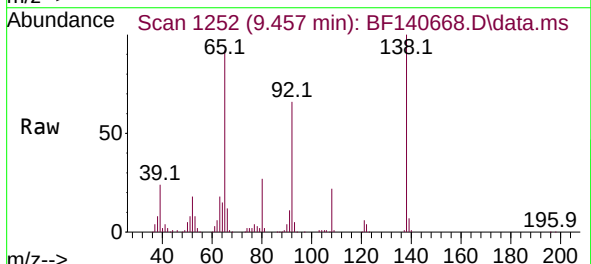
RT: 9.457 min Scan# 1252

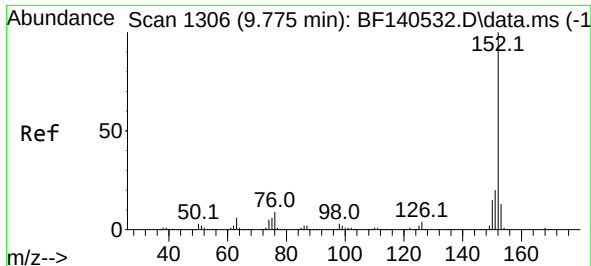
Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

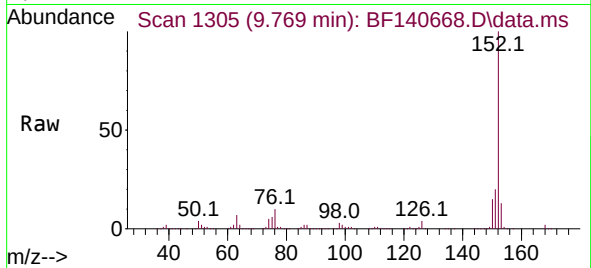
Tgt Ion: 65 Resp: 137358
 Ion Ratio Lower Upper
 65 100
 92 72.0 56.1 84.1
 138 108.3 81.0 121.6





#49
Acenaphthylene
Concen: 32.146 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

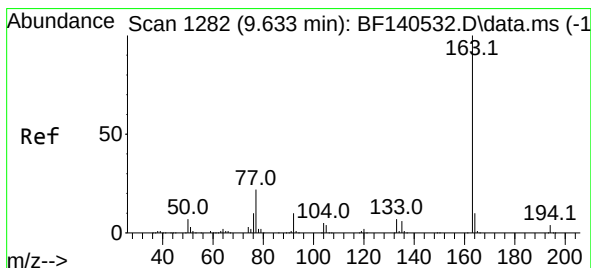
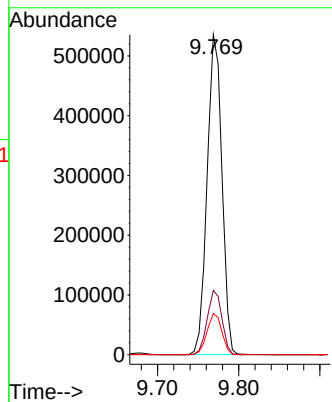
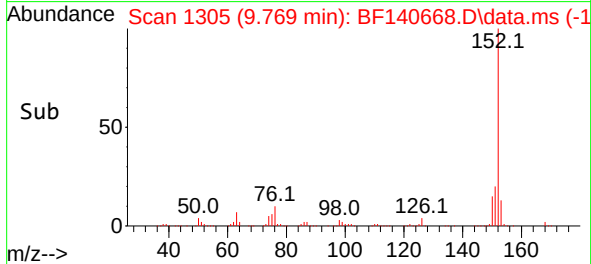
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



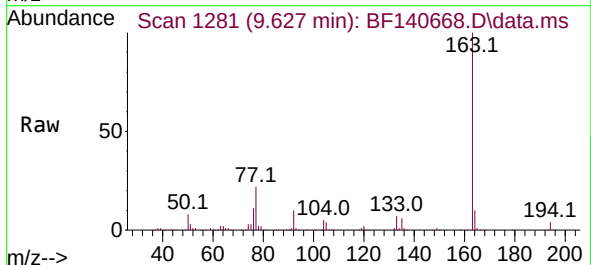
Tgt Ion:152 Resp: 67624
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 12.9 10.6 16.0

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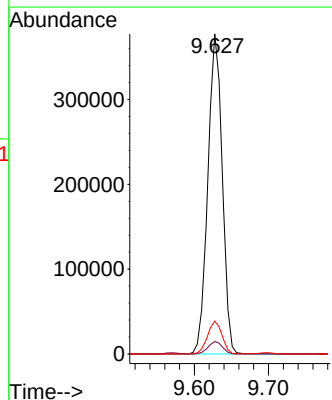
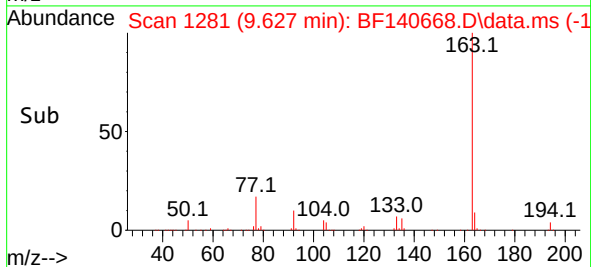
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

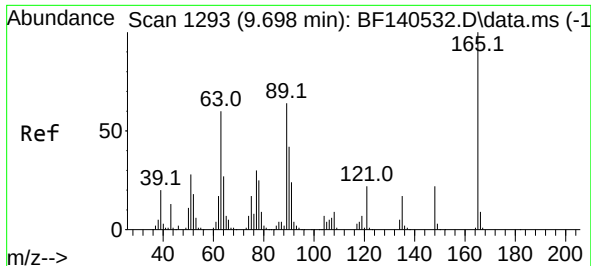


#50
Dimethylphthalate
Concen: 31.457 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



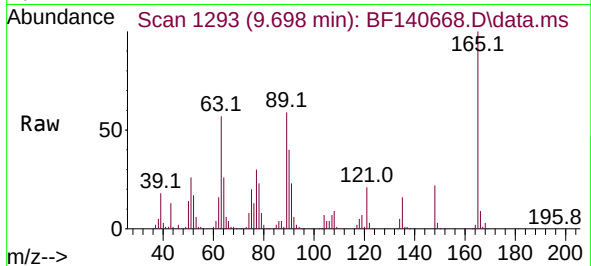
Tgt Ion:163 Resp: 509870
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 30.111 ng
RT: 9.698 min Scan# 1293
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

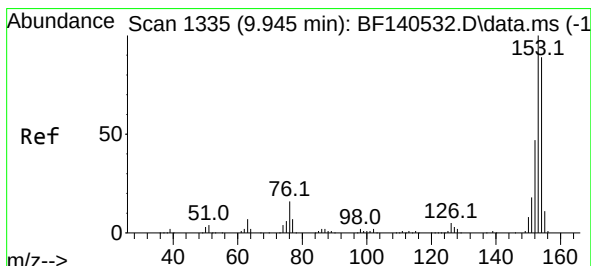
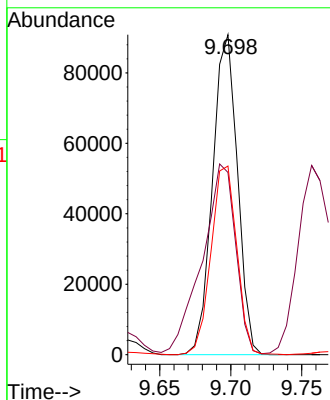
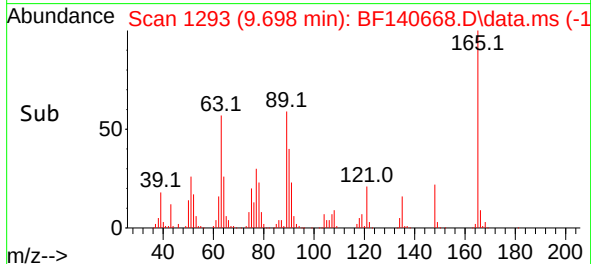
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



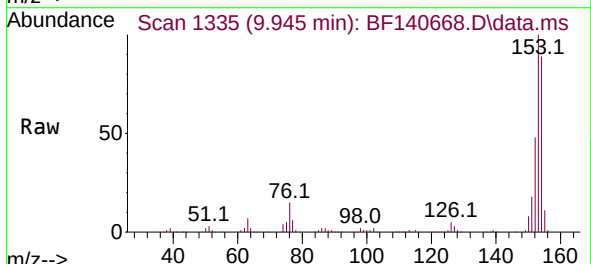
Tgt Ion:165 Resp: 11069
Ion Ratio Lower Upper
165 100
63 56.9 49.9 74.9
89 59.0 50.9 76.3

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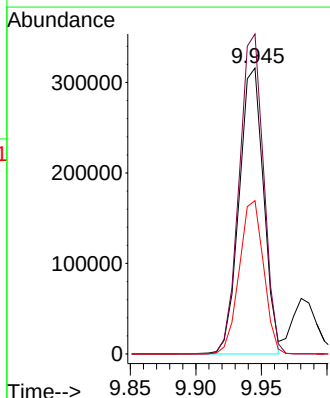
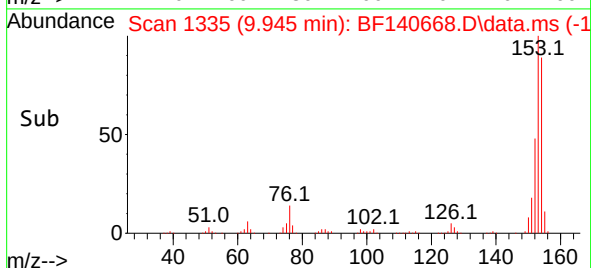
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

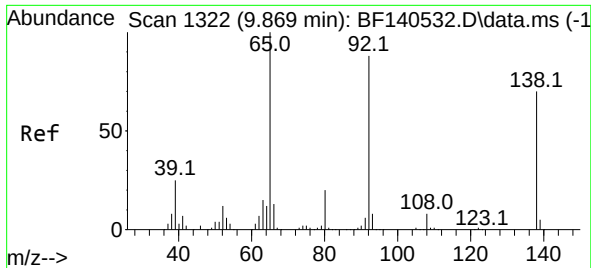


#52
Acenaphthene
Concen: 30.742 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



Tgt Ion:154 Resp: 410916
Ion Ratio Lower Upper
154 100
153 111.9 89.7 134.5
152 53.6 42.5 63.7





#53
3-Nitroaniline
Concen: 21.069 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

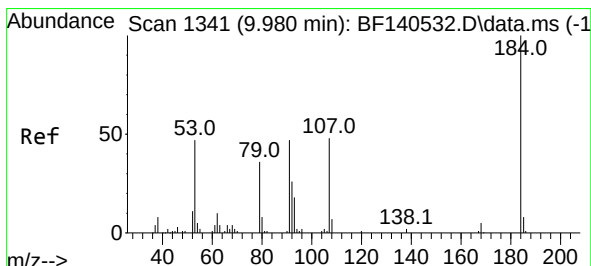
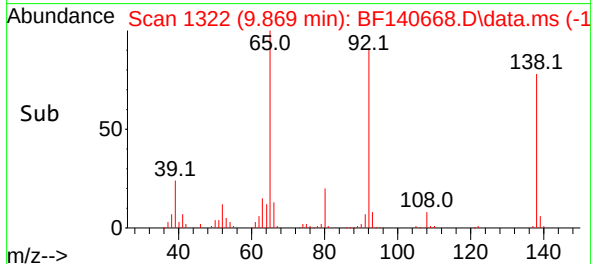
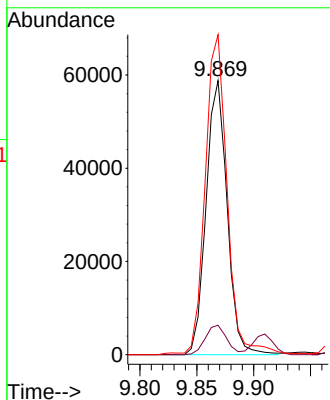
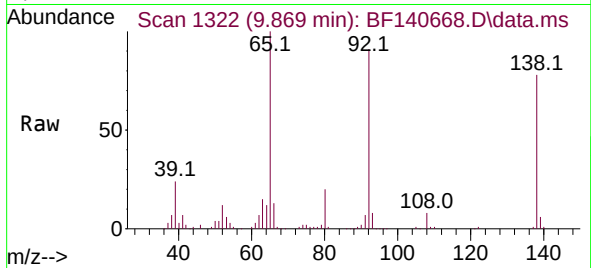
MH-756-WCMS

Tgt Ion:138 Resp: 75749
Ion Ratio Lower Upper
138 100
108 10.7 9.2 13.8
92 116.7 100.6 150.8

Manual Integrations

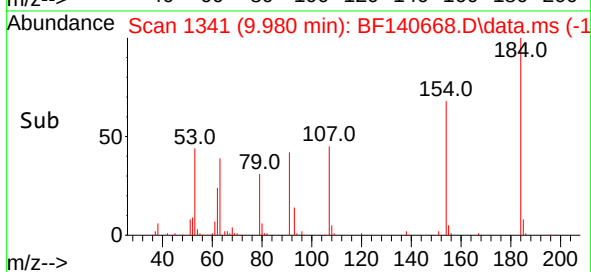
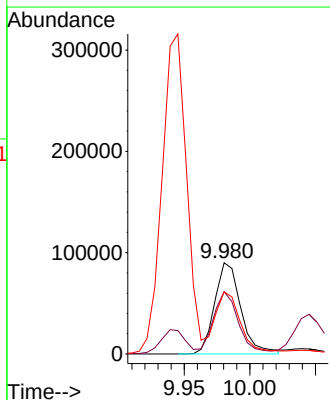
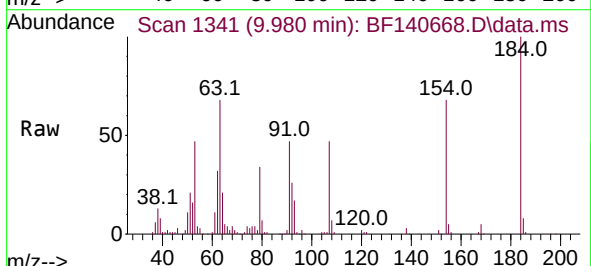
APPROVED

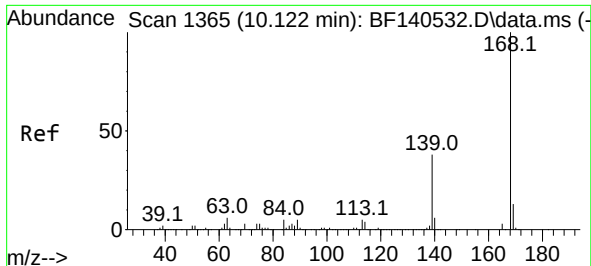
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#54
2,4-Dinitrophenol
Concen: 67.056 ng
RT: 9.980 min Scan# 1341
Delta R.T. 0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

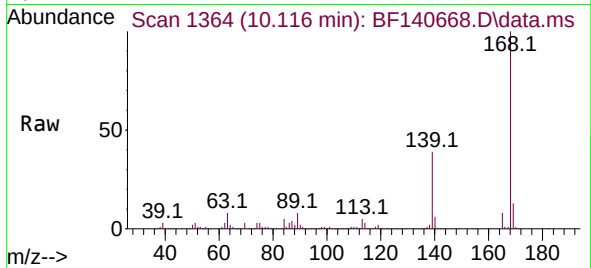
Tgt Ion:184 Resp: 124994
Ion Ratio Lower Upper
184 100
63 68.3 54.1 81.1
154 68.1 57.4 86.0





#55
Dibenzofuran
Concen: 30.898 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

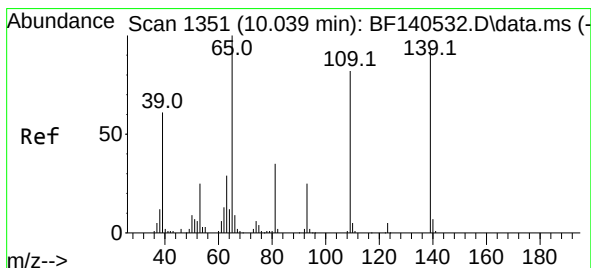
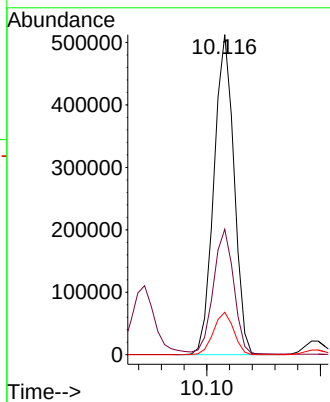
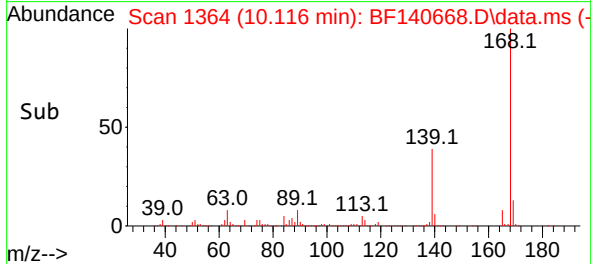
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:168 Resp: 629949
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 13.3 10.5 15.7

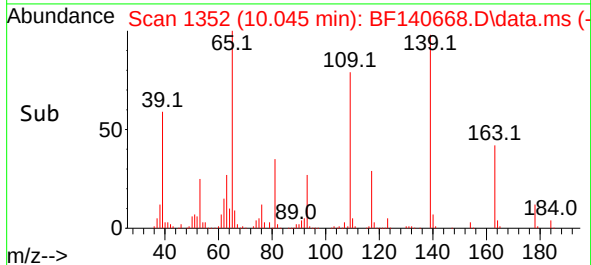
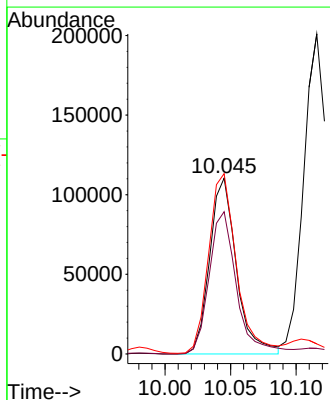
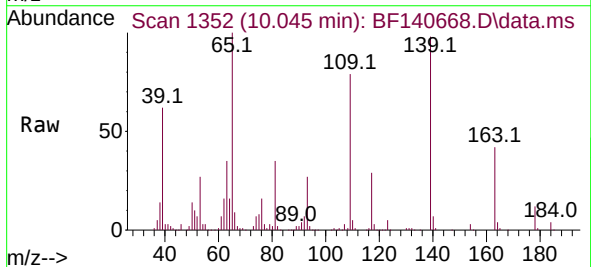
Manual Integrations
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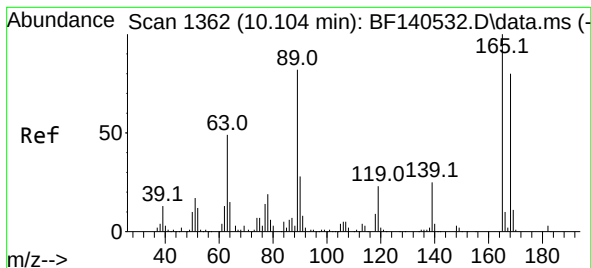
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#56
4-Nitrophenol
Concen: 64.011 ng
RT: 10.045 min Scan# 1352
Delta R.T. 0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

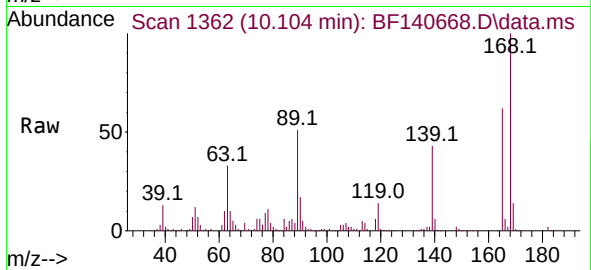
Tgt Ion:139 Resp: 156956
Ion Ratio Lower Upper
139 100
109 80.9 68.4 108.4
65 102.5 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 31.331 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

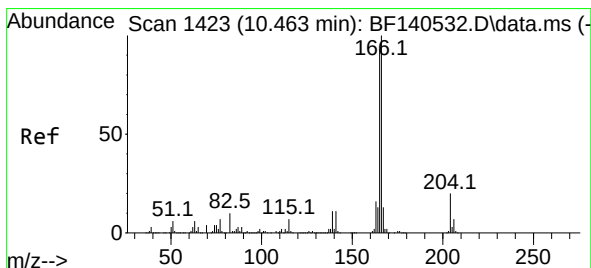
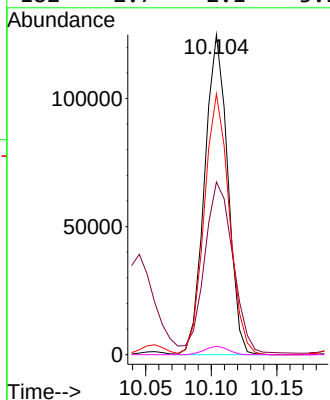
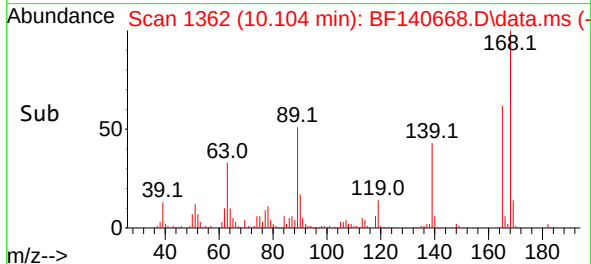
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



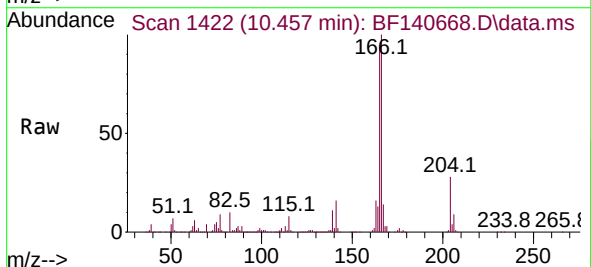
Tgt Ion:165 Resp: 153069
Ion Ratio Lower Upper
165 100
63 53.9 41.7 62.5
89 81.5 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations
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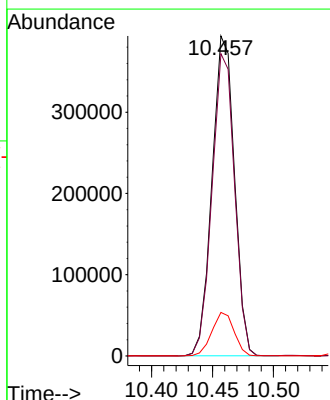
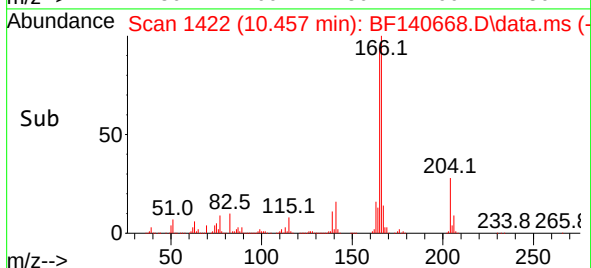
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

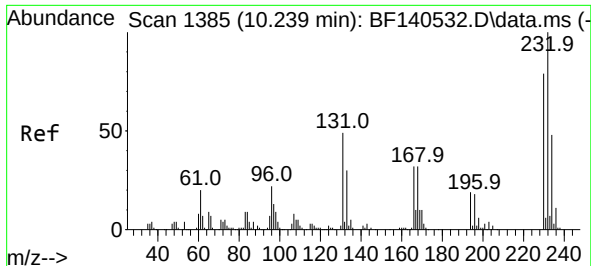


#58
Fluorene
Concen: 30.820 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



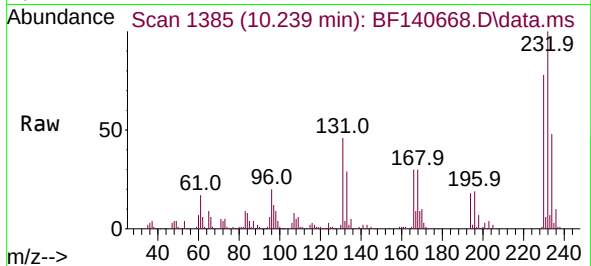
Tgt Ion:166 Resp: 504376
Ion Ratio Lower Upper
166 100
165 94.4 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 34.996 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

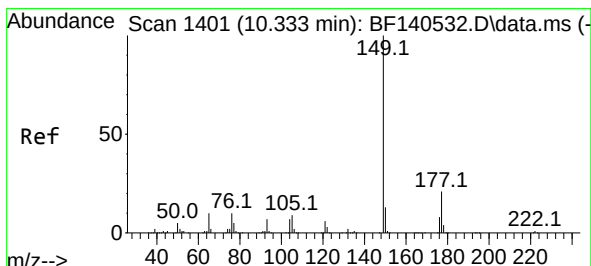
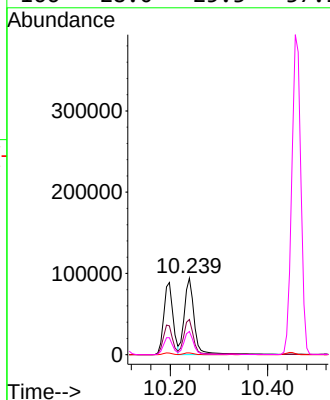
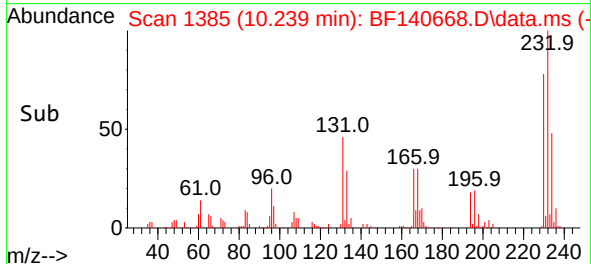
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:232 Resp: 131961
Ion Ratio Lower Upper
232 100
131 43.1 39.6 59.4
130 2.4 1.9 2.9
166 28.0 25.3 37.9

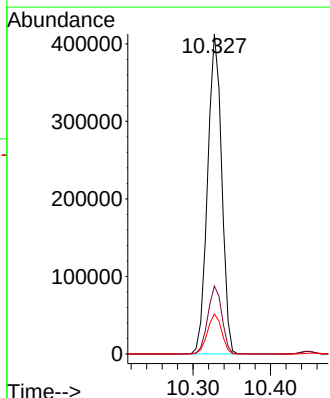
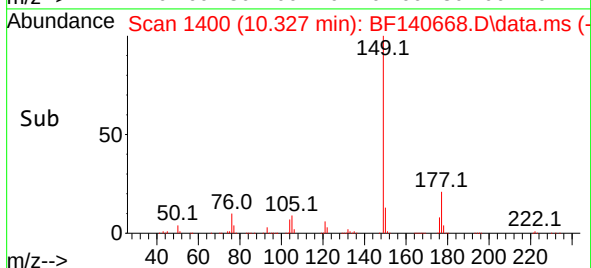
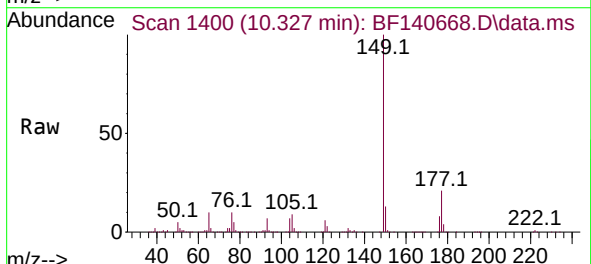
Manual Integrations
APPROVED

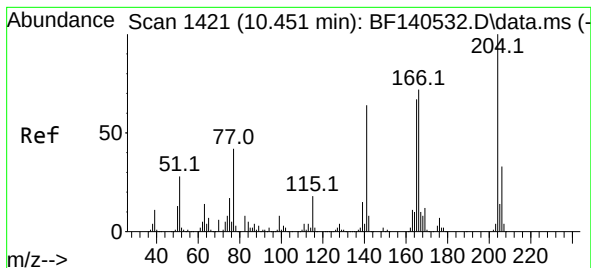
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#60
Diethylphthalate
Concen: 31.585 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

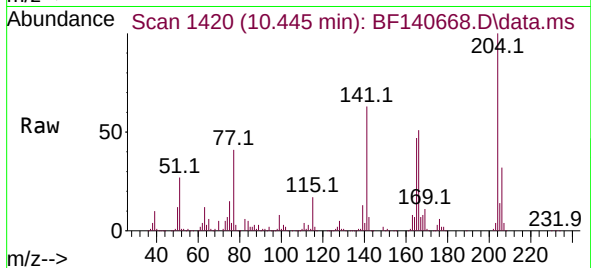
Tgt Ion:149 Resp: 520157
Ion Ratio Lower Upper
149 100
177 21.3 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 31.547 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

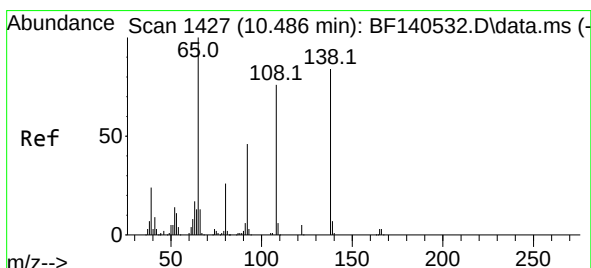
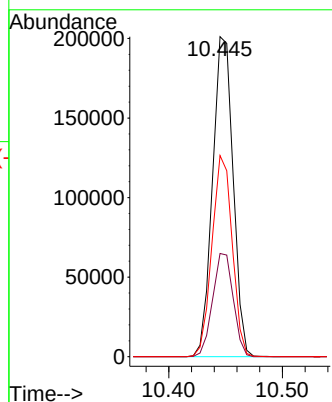
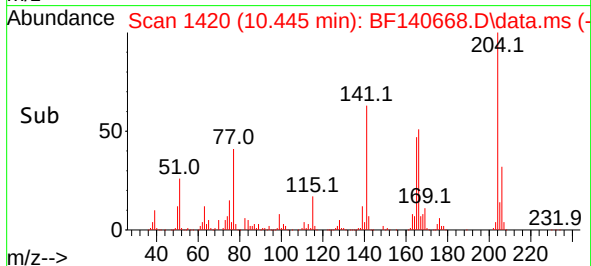
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:204 Resp: 253362
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 62.9 51.1 76.7

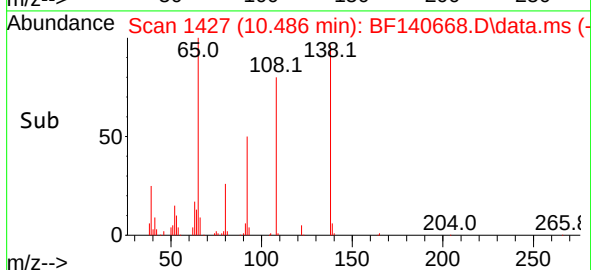
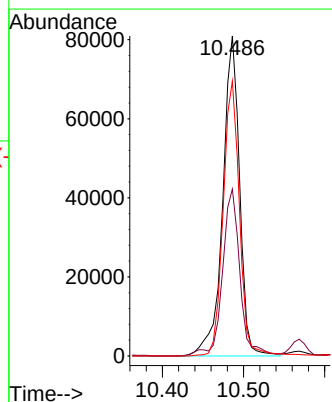
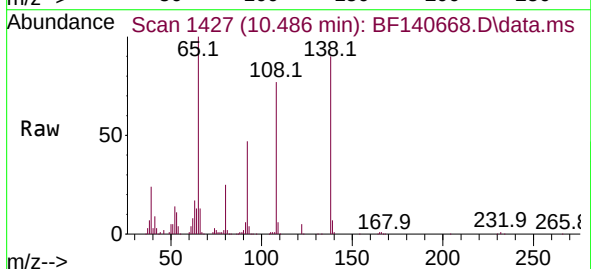
Manual Integrations
APPROVED

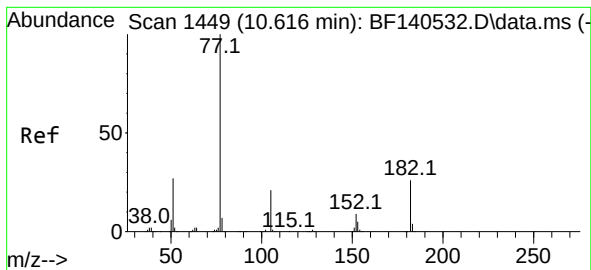
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 31.112 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:138 Resp: 117319
Ion Ratio Lower Upper
138 100
92 52.2 34.5 74.5
108 85.9 70.6 110.6





#63

Azobenzene

Concen: 33.413 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion: 77 Resp: 52108

Ion Ratio Lower Upper

77 100

182 26.7 5.3 45.3

105 23.7 0.3 40.3

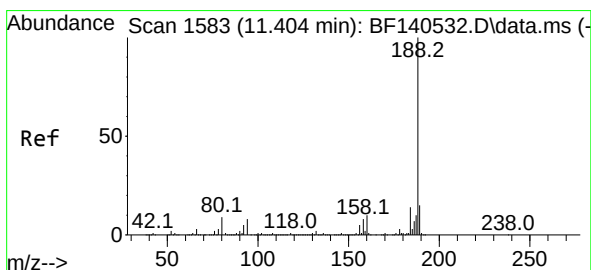
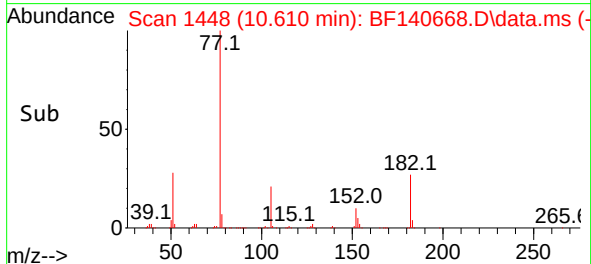
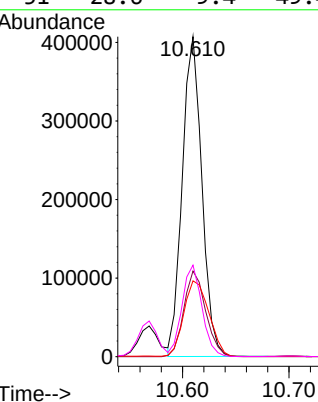
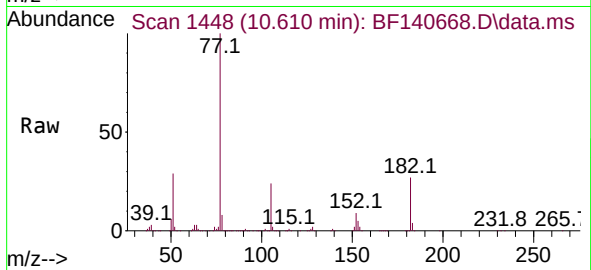
51 28.6 9.4 49.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

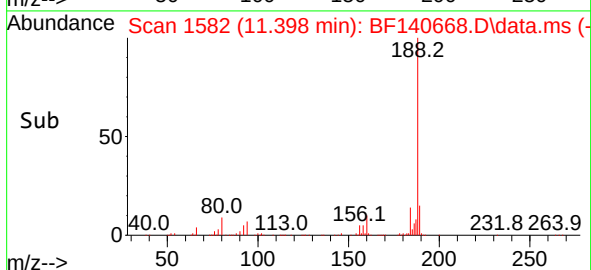
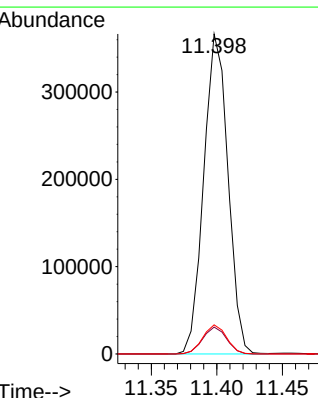
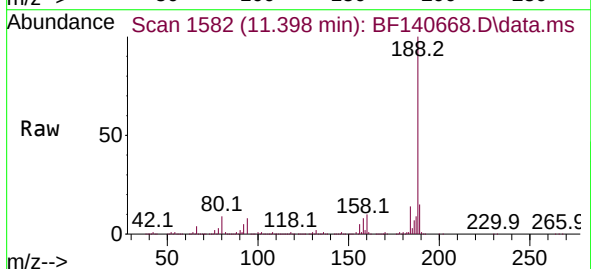
Tgt Ion:188 Resp: 470485

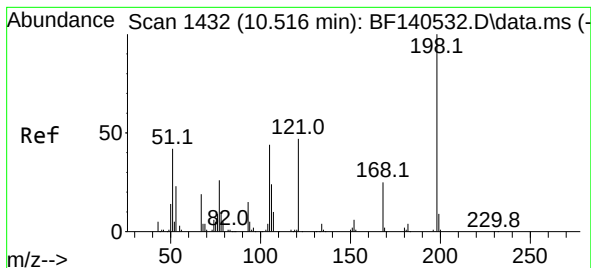
Ion Ratio Lower Upper

188 100

94 8.4 6.4 9.6

80 9.1 6.9 10.3





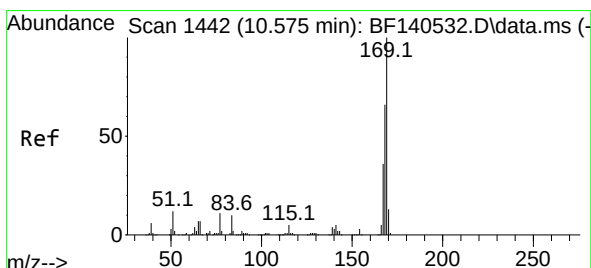
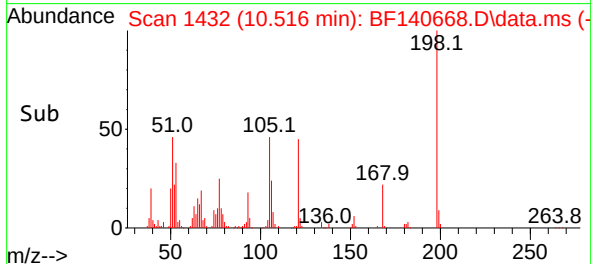
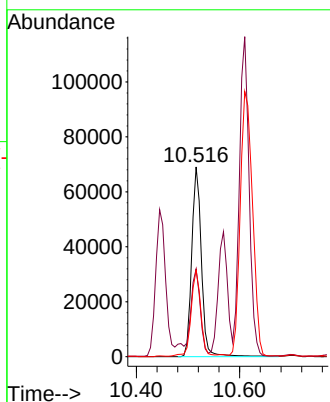
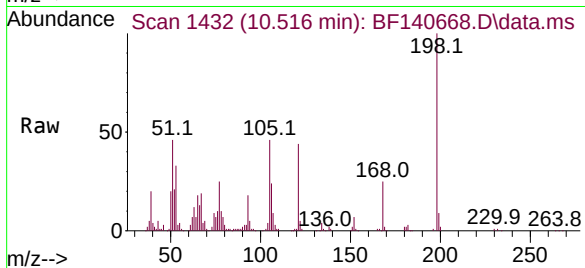
#65
4,6-Dinitro-2-methylphenol
Concen: 37.407 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS

Tgt Ion:198 Resp: 89934
Ion Ratio Lower Upper
198 100
51 46.2 29.4 69.4
105 45.6 25.4 65.4

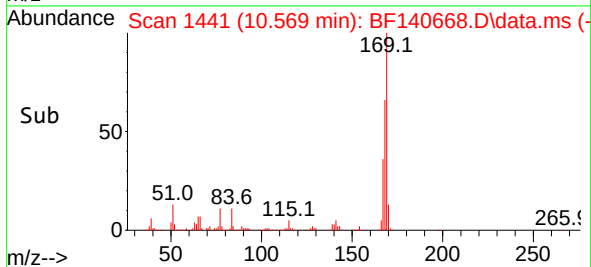
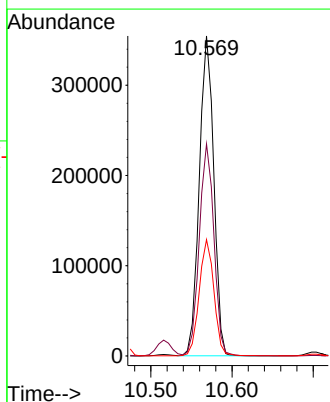
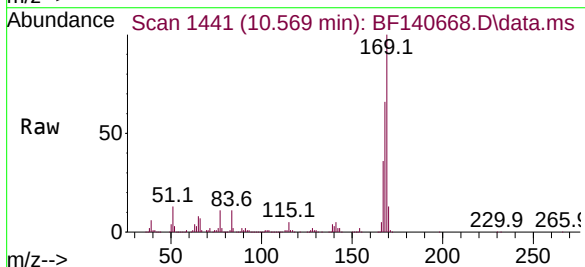
Manual Integrations
APPROVED

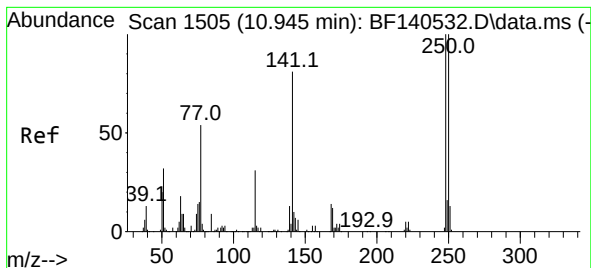
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 31.490 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

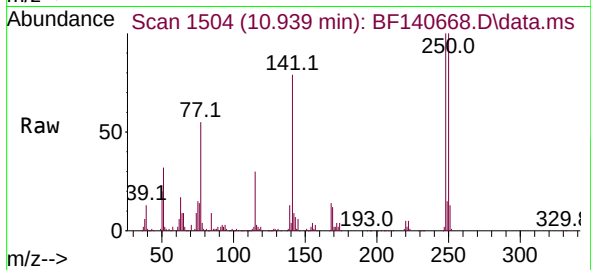
Tgt Ion:169 Resp: 438139
Ion Ratio Lower Upper
169 100
168 66.3 53.2 79.8
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 30.614 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

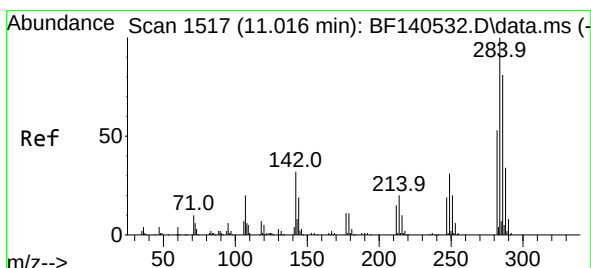
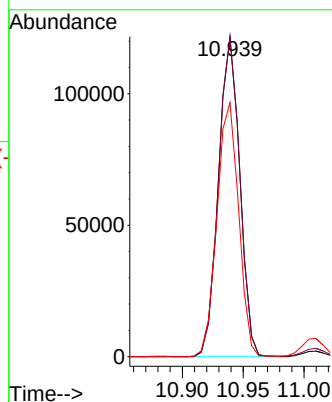
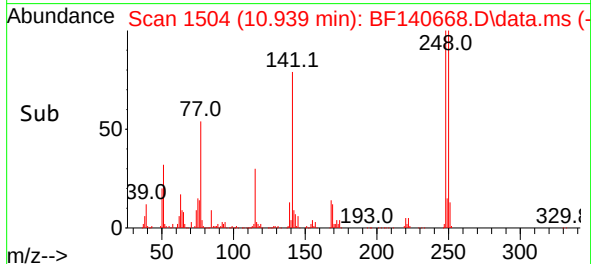
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:248 Resp: 14833
Ion Ratio Lower Upper
248 100
250 100.2 79.8 119.8
141 79.5 64.7 97.1

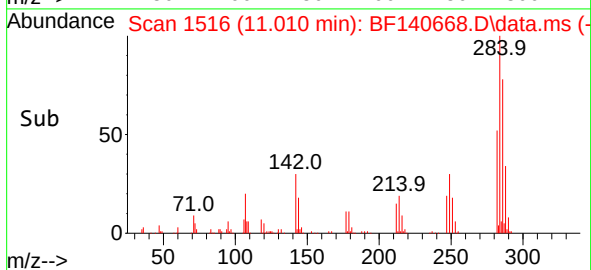
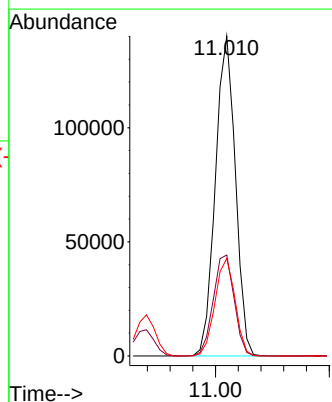
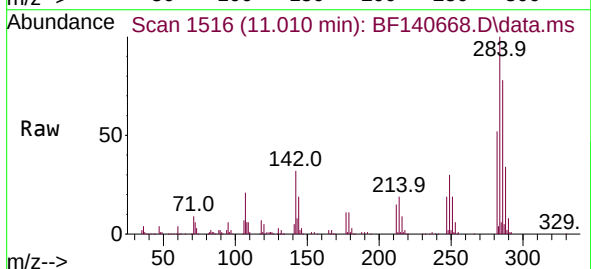
Manual Integrations
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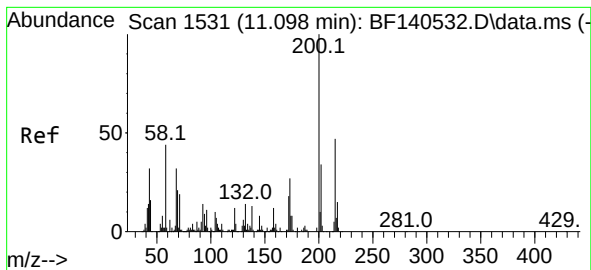
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 30.549 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:284 Resp: 171389
Ion Ratio Lower Upper
284 100
142 31.5 25.3 37.9
249 30.5 24.8 37.2





#69

Atrazine

Concen: 37.496 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

Tgt Ion:200 Resp: 14676

Ion Ratio Lower Upper

200 100

173 26.1 7.0 47.0

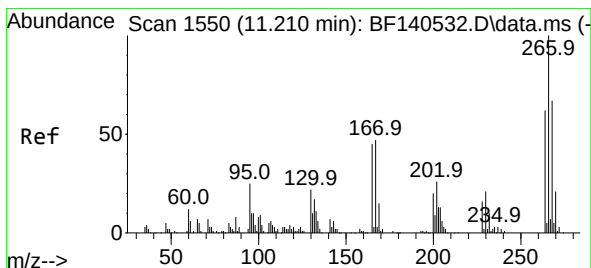
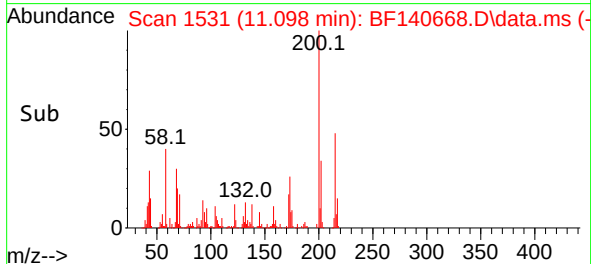
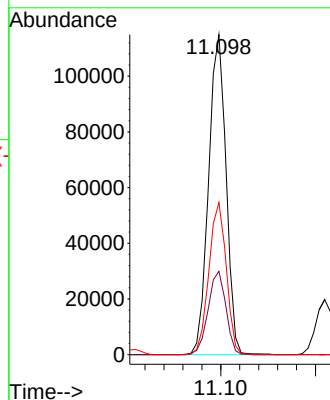
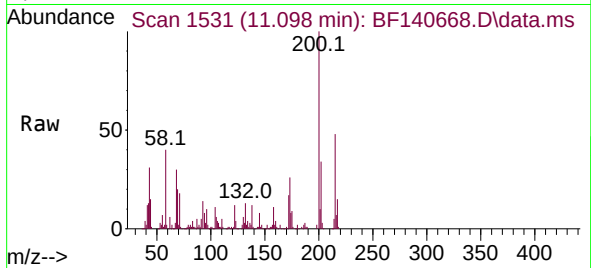
215 47.5 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 62.358 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

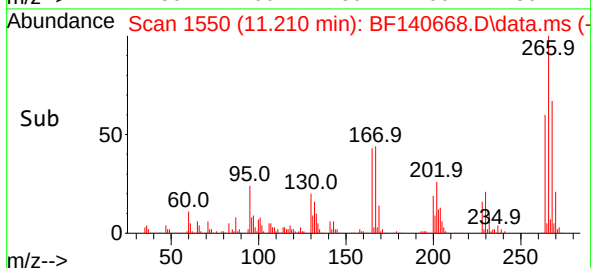
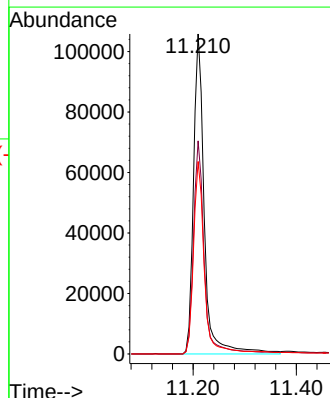
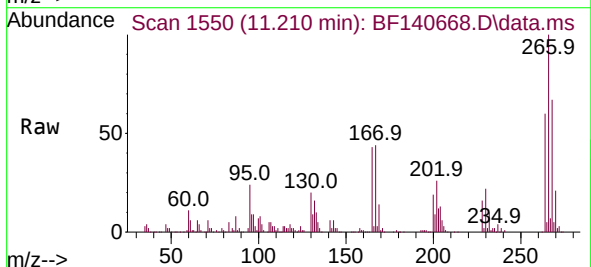
Tgt Ion:266 Resp: 153978

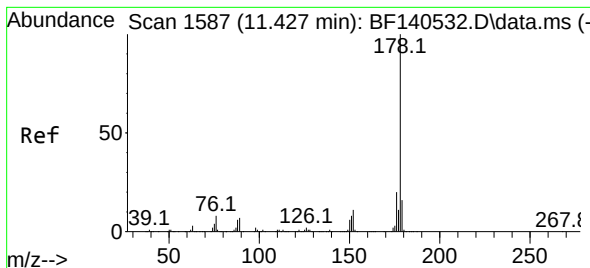
Ion Ratio Lower Upper

266 100

268 66.6 53.7 80.5

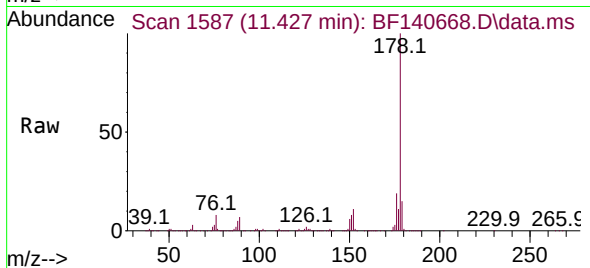
264 60.1 49.8 74.8





#71
Phenanthrene
Concen: 31.579 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

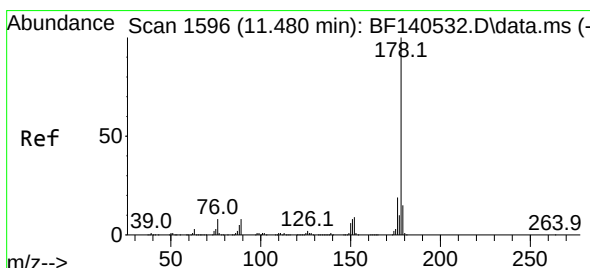
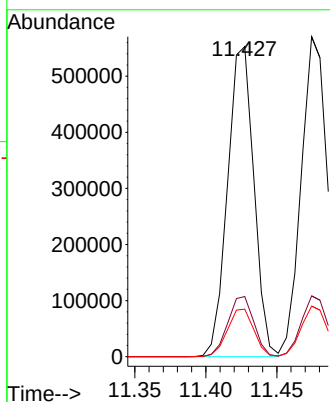
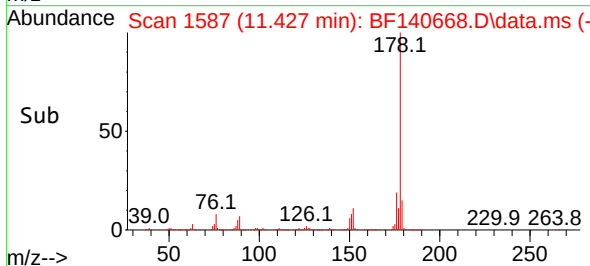
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



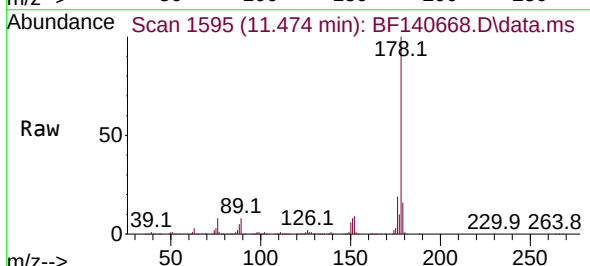
Tgt Ion:178 Resp: 714179
Ion Ratio Lower Upper
178 100
176 19.4 15.8 23.6
179 15.3 12.4 18.6

Manual Integrations
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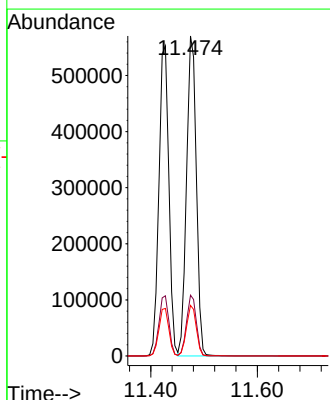
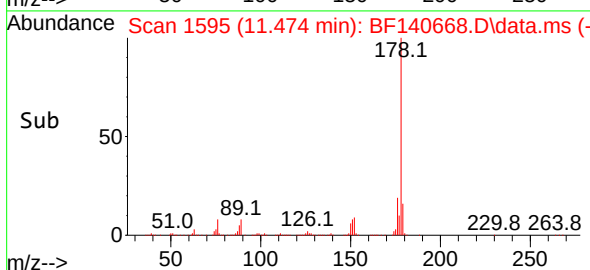
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

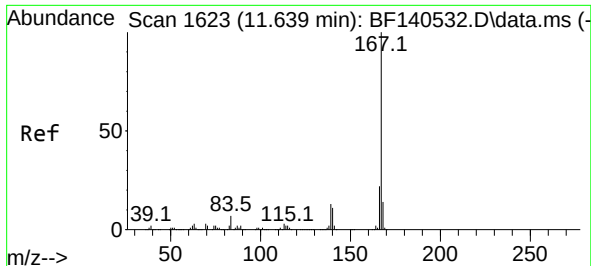


#72
Anthracene
Concen: 32.981 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



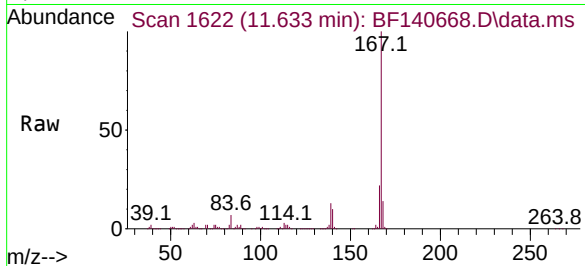
Tgt Ion:178 Resp: 729626
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 15.8 12.2 18.4





#73
 Carbazole
 Concen: 31.233 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140668.D
 Acq: 27 Nov 2024 14:30

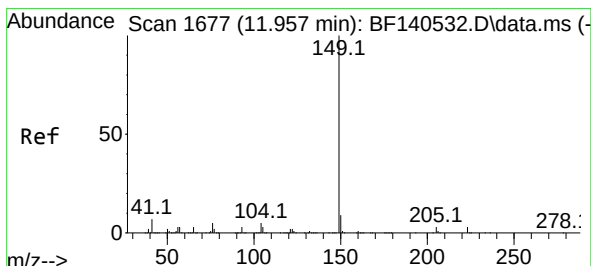
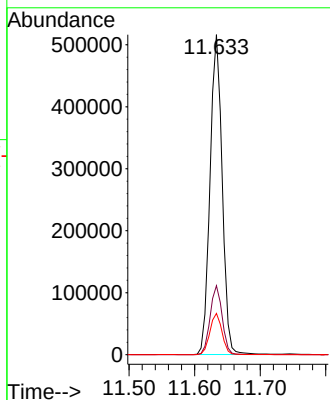
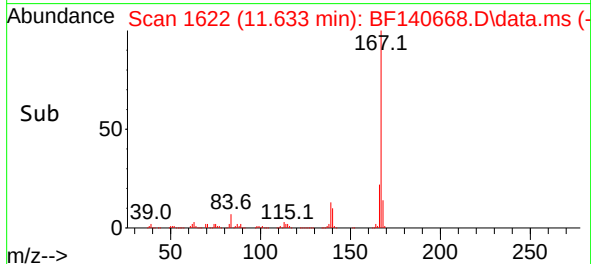
Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMS



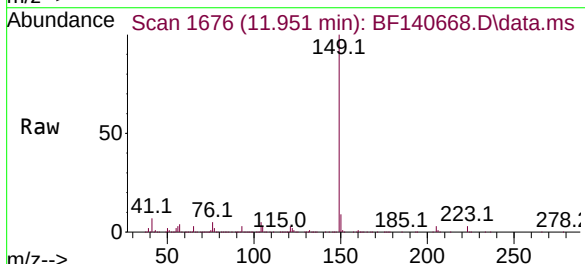
Tgt Ion:167 Resp: 66470
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.2 25.8
 139 12.9 10.6 15.8

Manual Integrations
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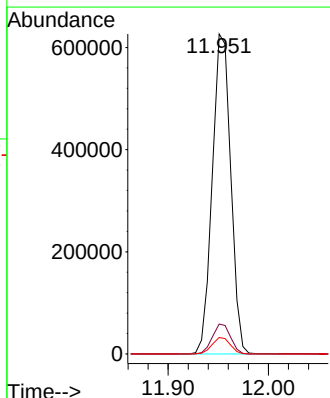
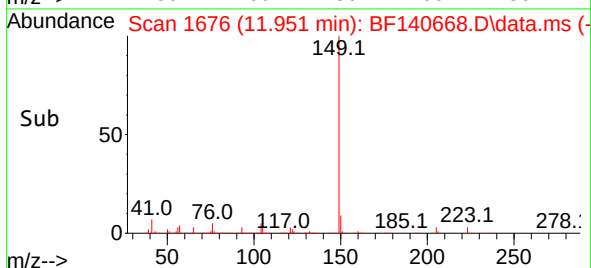
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024

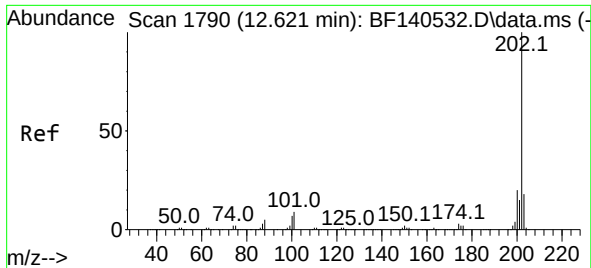


#74
 Di-n-butylphthalate
 Concen: 32.534 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140668.D
 Acq: 27 Nov 2024 14:30



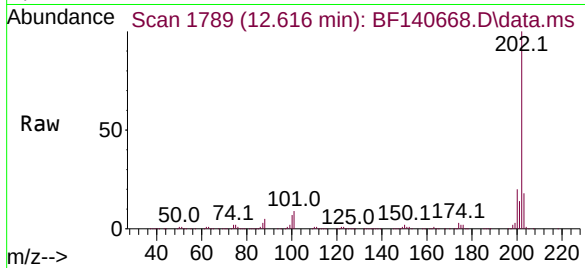
Tgt Ion:149 Resp: 799362
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.1 4.1 6.1





#75
Fluoranthene
Concen: 29.734 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

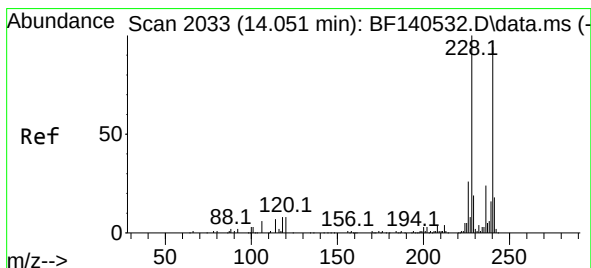
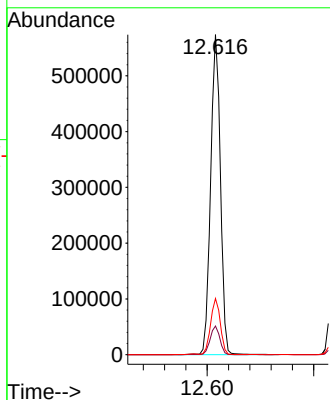
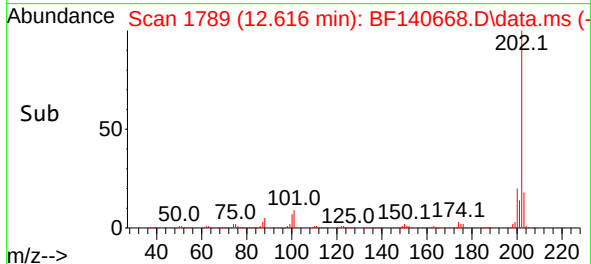
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



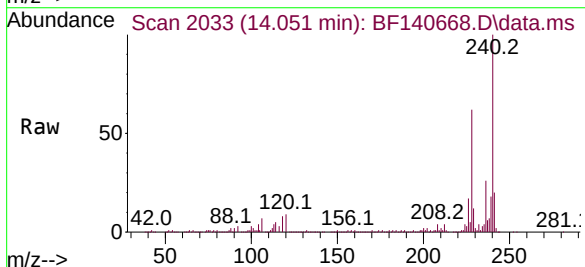
Tgt Ion:202 Resp: 73011
Ion Ratio Lower Upper
202 100
101 9.0 0.0 28.9
203 17.5 0.0 37.6

Manual Integrations
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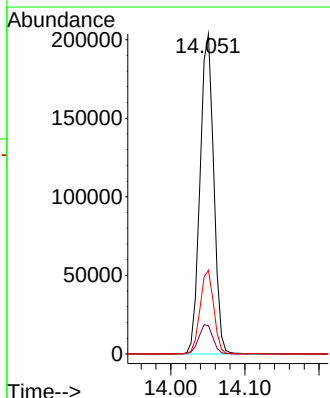
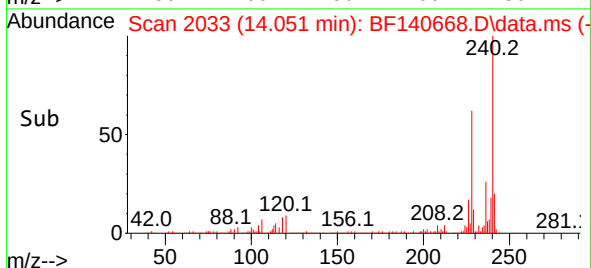
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

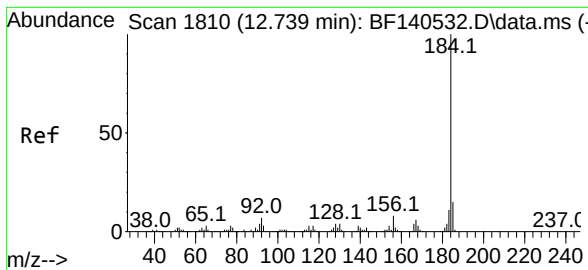


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



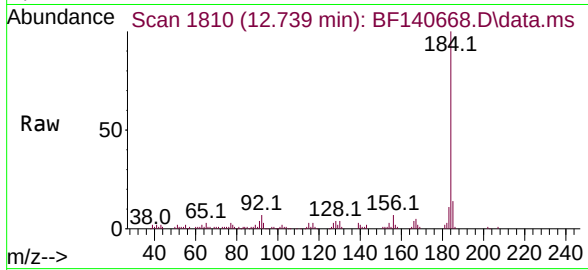
Tgt Ion:240 Resp: 261870
Ion Ratio Lower Upper
240 100
120 8.9 7.3 10.9
236 26.2 20.6 31.0





#77
Benzidine
Concen: 9.758 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

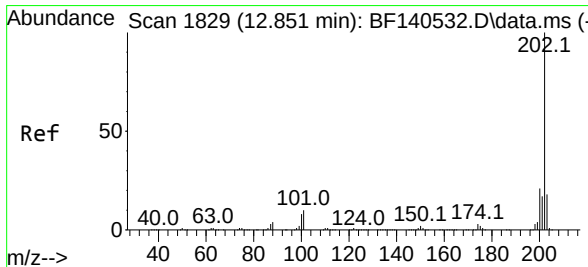
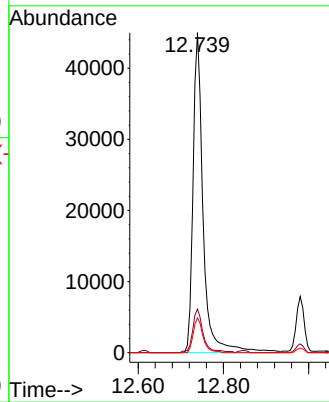
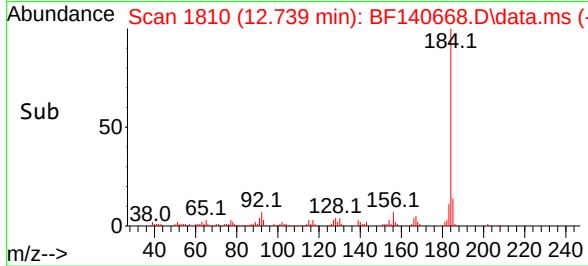
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



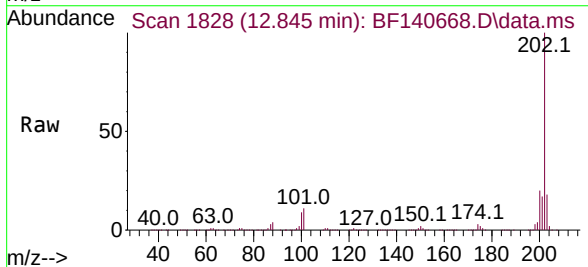
Tgt Ion:184 Resp: 74290
Ion Ratio Lower Upper
184 100
185 13.7 11.7 17.5
183 10.8 8.8 13.2

Manual Integrations
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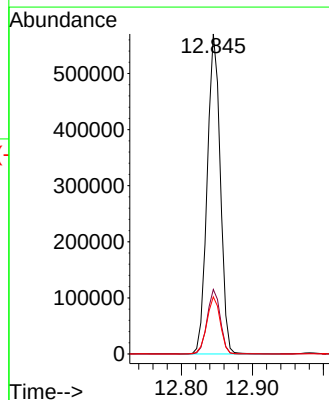
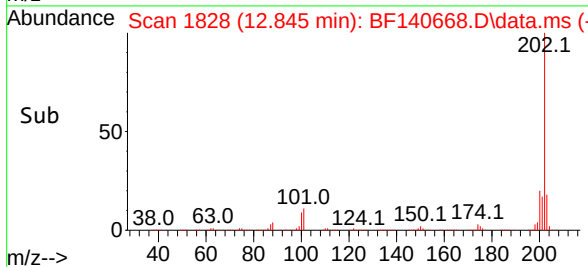
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

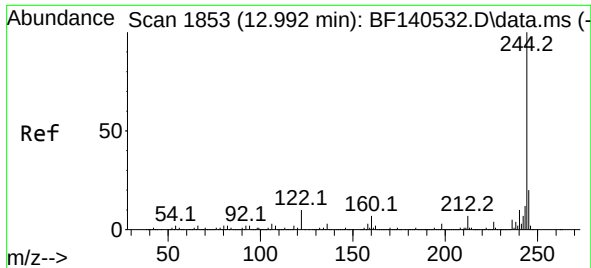


#78
Pyrene
Concen: 30.200 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



Tgt Ion:202 Resp: 731236
Ion Ratio Lower Upper
202 100
200 20.2 16.5 24.7
203 17.9 14.2 21.4





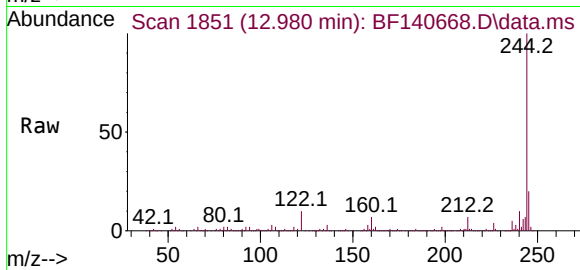
#79
 Terphenyl-d14
 Concen: 40.667 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140668.D
 Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS



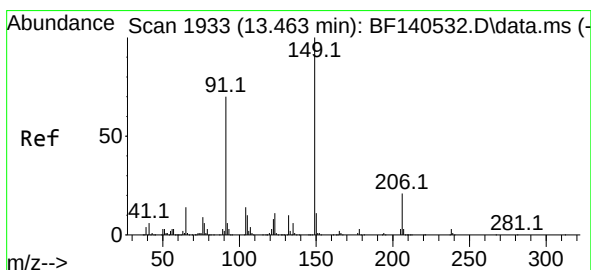
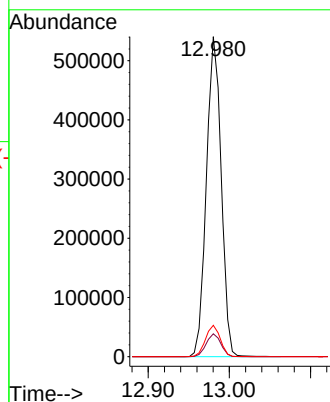
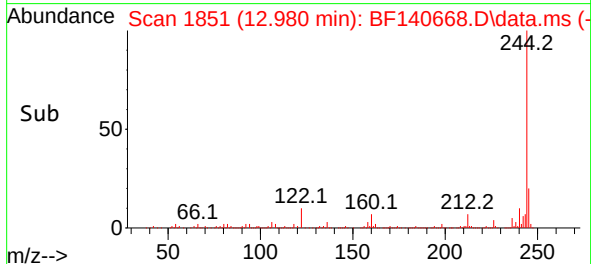
Tgt Ion:244 Resp: 683915
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 9.8 8.0 12.0

Manual Integrations

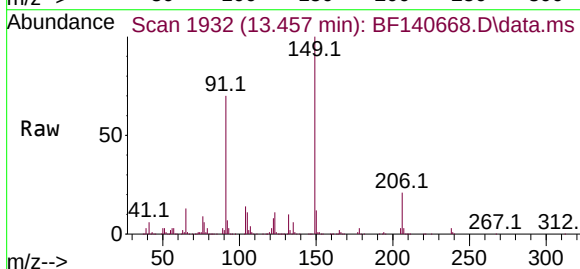
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

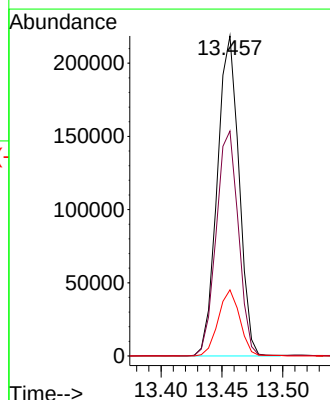
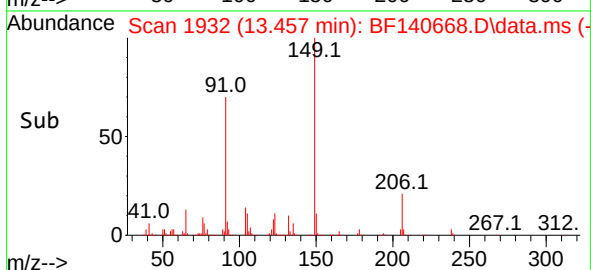
Supervised By :mohammad ahmed 11/29/2024

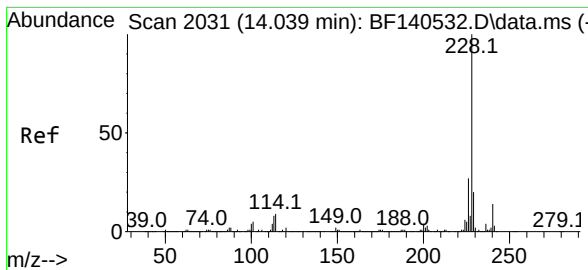


#80
 Butylbenzylphthalate
 Concen: 31.183 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140668.D
 Acq: 27 Nov 2024 14:30



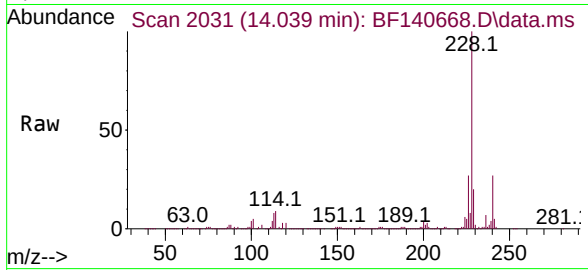
Tgt Ion:149 Resp: 271993
 Ion Ratio Lower Upper
 149 100
 91 70.3 56.2 84.2
 206 20.7 16.4 24.6





#81
Benzo(a)anthracene
Concen: 31.789 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

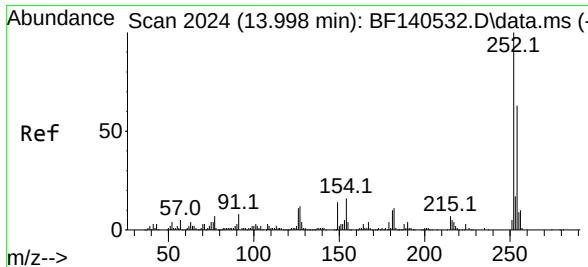
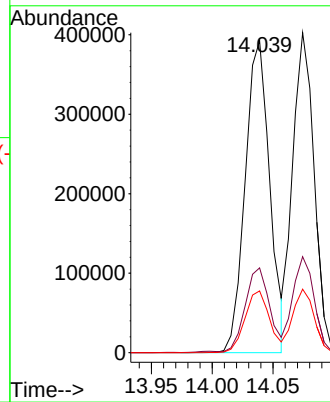
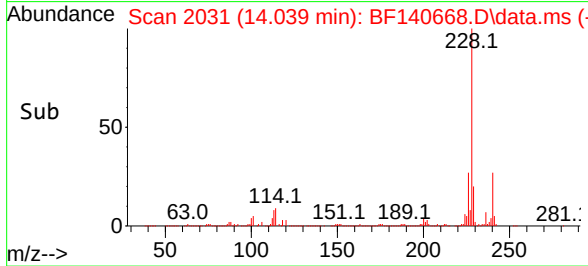
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



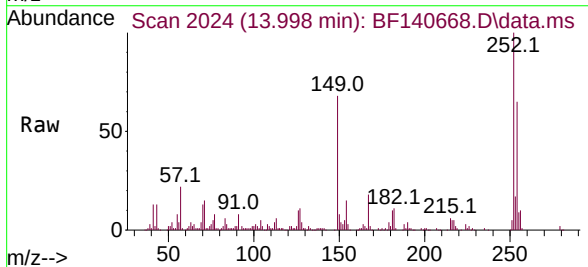
Tgt Ion:228 Resp: 55104
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 19.8 15.8 23.6

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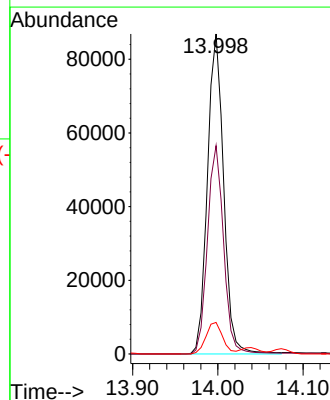
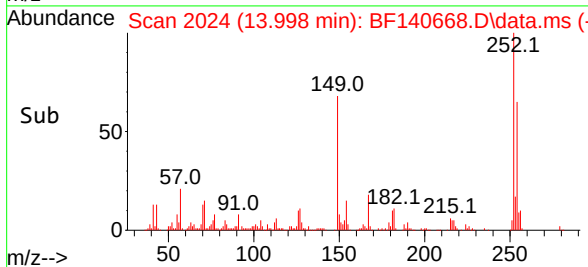
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

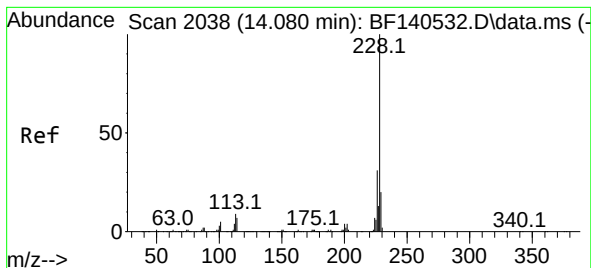


#82
3,3'-Dichlorobenzidine
Concen: 22.109 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



Tgt Ion:252 Resp: 115065
Ion Ratio Lower Upper
252 100
254 65.1 50.8 76.2
126 9.8 8.6 13.0





#83

Chrysene

Concen: 31.131 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

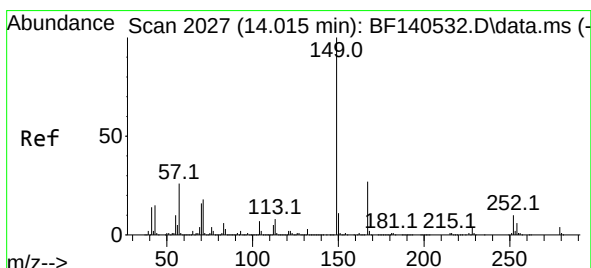
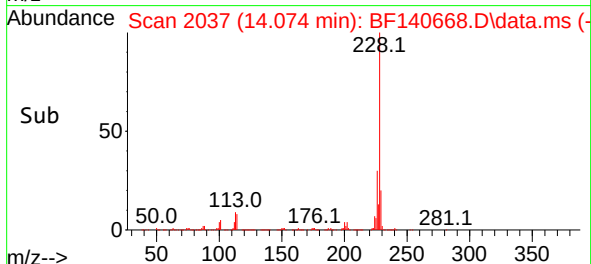
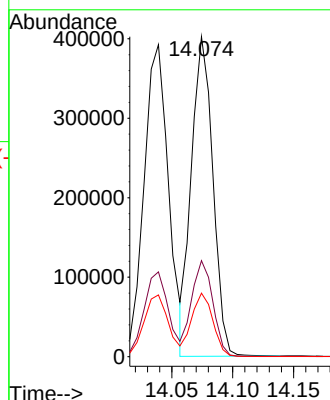
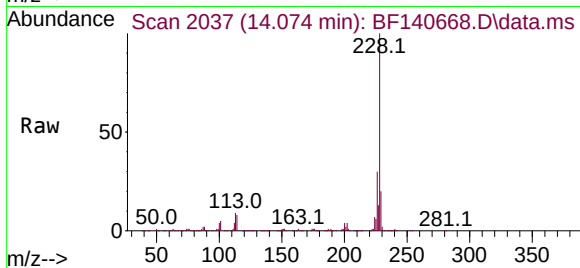
Tgt Ion:228 Resp: 493440
 Ion Ratio Lower Upper
 228 100
 226 30.0 24.4 36.6
 229 19.8 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.238 ng

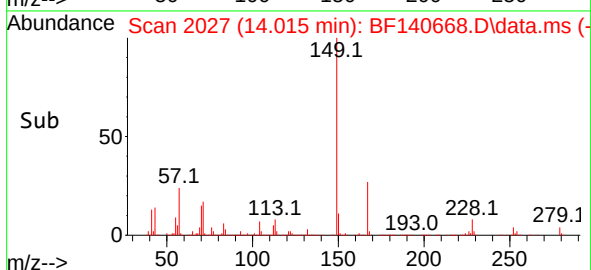
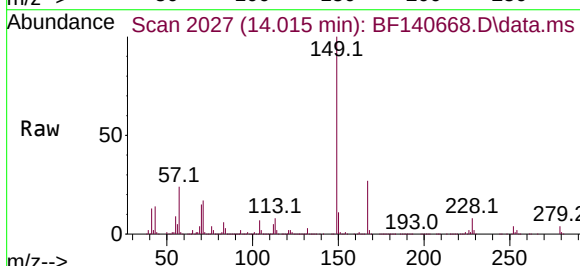
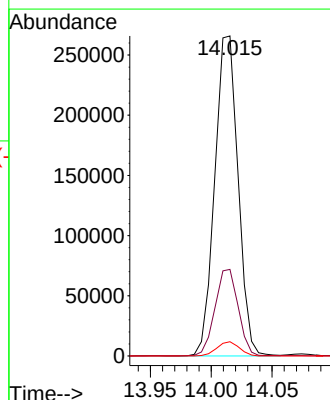
RT: 14.015 min Scan# 2027

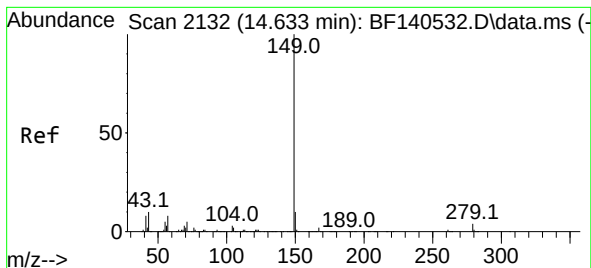
Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

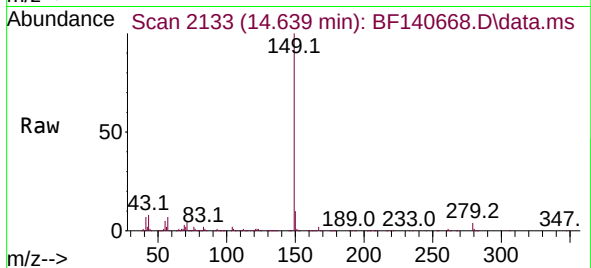
Tgt Ion:149 Resp: 355072
 Ion Ratio Lower Upper
 149 100
 167 27.1 21.2 31.8
 279 4.5 3.2 4.8





#85
Di-n-octyl phthalate
Concen: 38.029 ng
RT: 14.639 min Scan# 2132
Delta R.T. 0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

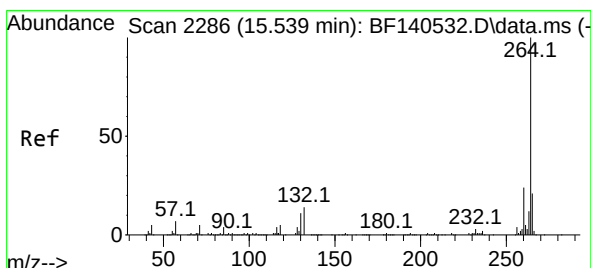
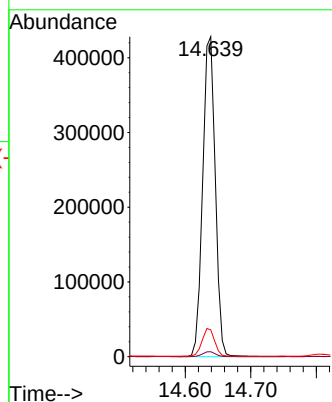
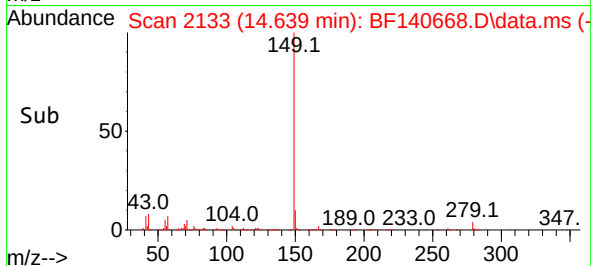
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



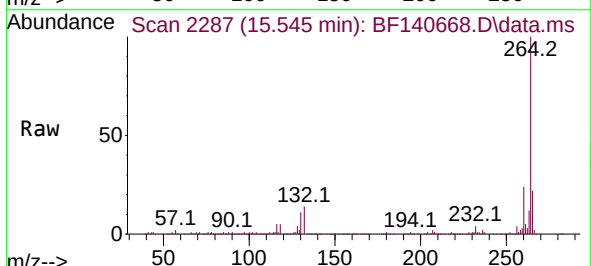
Tgt Ion:149 Resp: 572420
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.6 7.7 11.5

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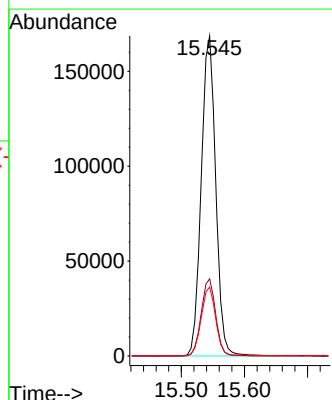
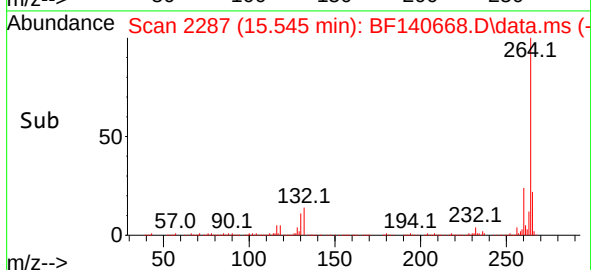
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

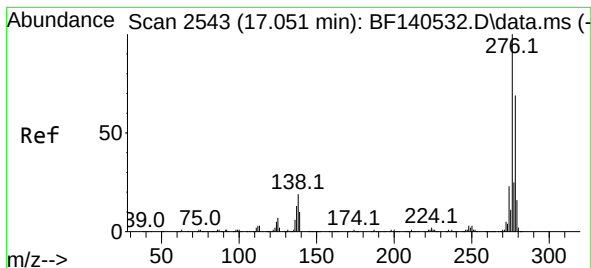


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2287
Delta R.T. 0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30



Tgt Ion:264 Resp: 268749
Ion Ratio Lower Upper
264 100
260 24.1 19.0 28.6
265 21.5 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 27.831 ng

RT: 17.056 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

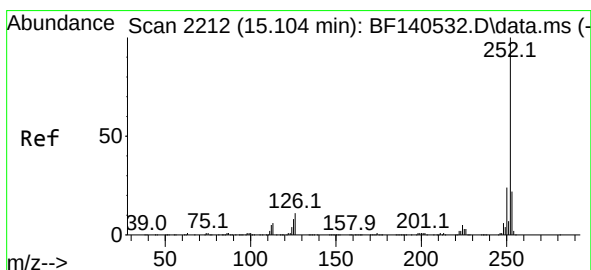
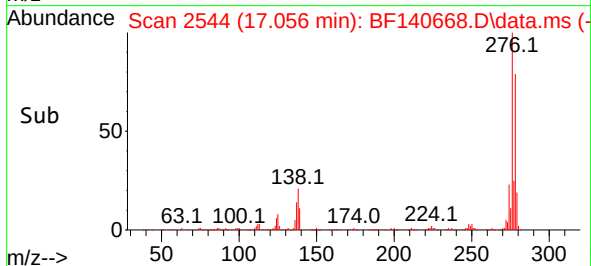
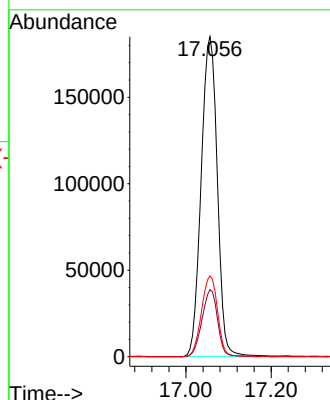
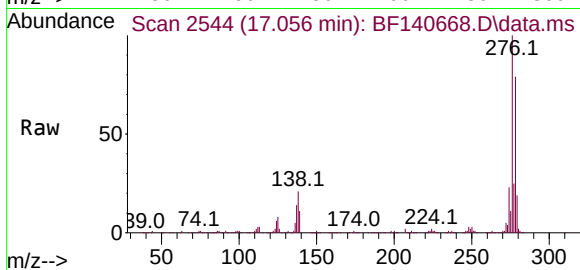
MH-756-WCMS

Tgt Ion:276 Resp: 48743
 Ion Ratio Lower Upper
 276 100
 138 20.2 15.5 23.3
 277 25.3 20.1 30.1

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#88

Benzo(b)fluoranthene

Concen: 31.450 ng

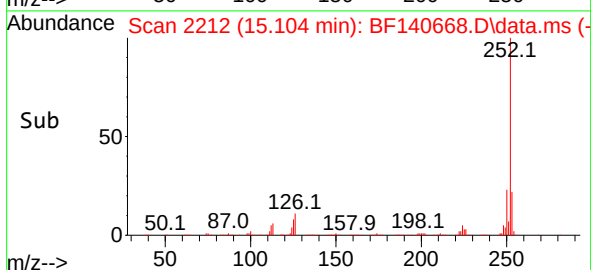
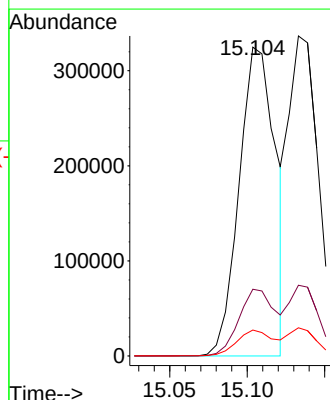
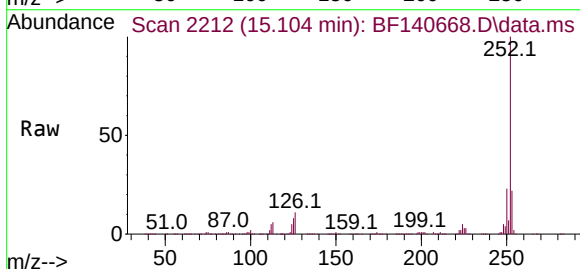
RT: 15.104 min Scan# 2212

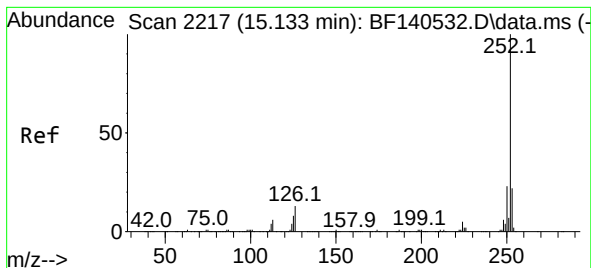
Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Tgt Ion:252 Resp: 530886
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.2 25.8
 125 8.4 6.7 10.1





#89

Benzo(k)fluoranthene

Concen: 30.266 ng

RT: 15.133 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMS

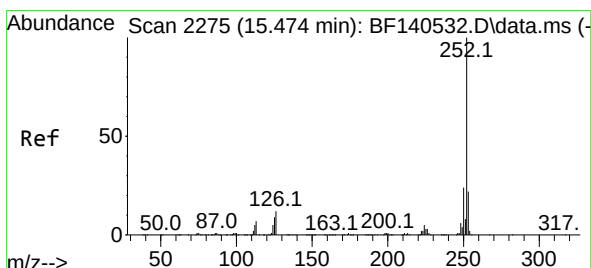
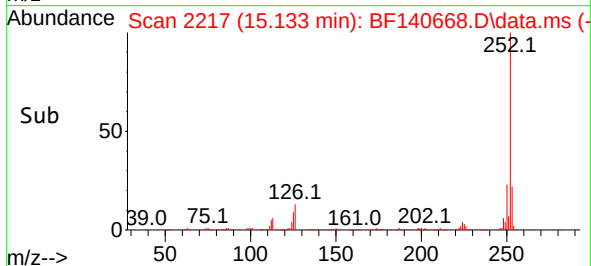
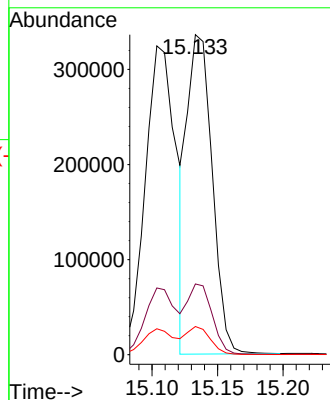
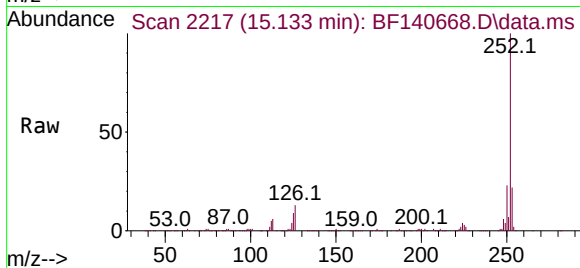
Tgt Ion:252 Resp: 447092
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 8.8 6.5 9.7

Manual Integrations

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Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#90

Benzo(a)pyrene

Concen: 34.014 ng

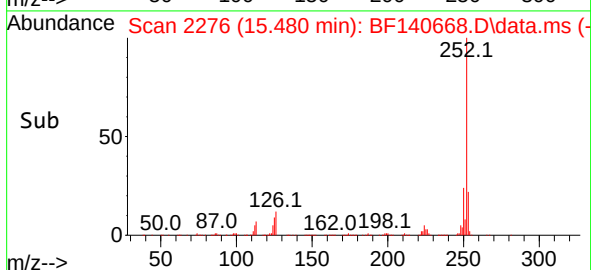
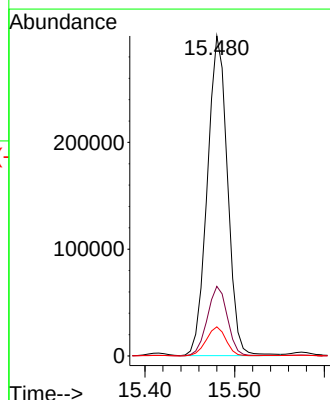
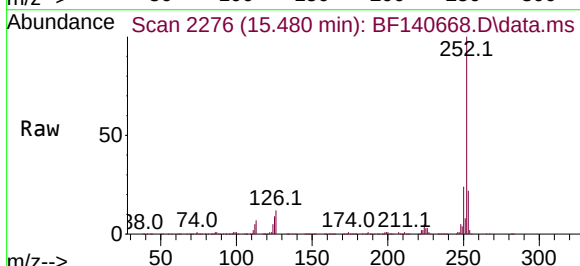
RT: 15.480 min Scan# 2276

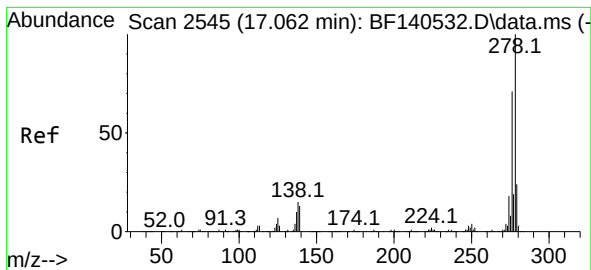
Delta R.T. 0.006 min

Lab File: BF140668.D

Acq: 27 Nov 2024 14:30

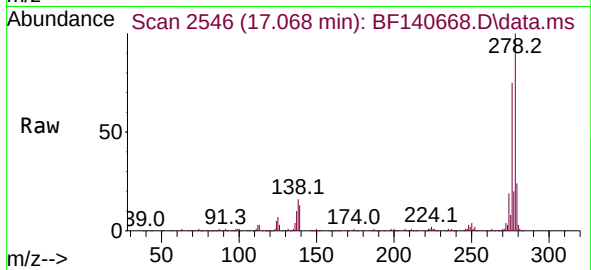
Tgt Ion:252 Resp: 466848
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.3 25.9
 125 9.1 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 27.428 ng
RT: 17.068 min Scan# 2545
Delta R.T. 0.006 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

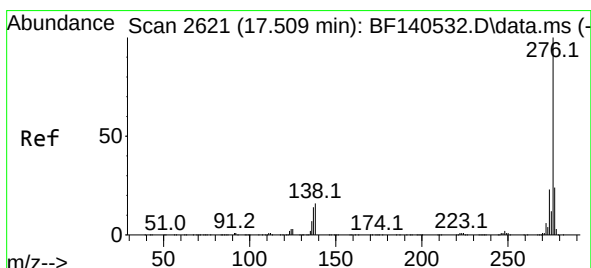
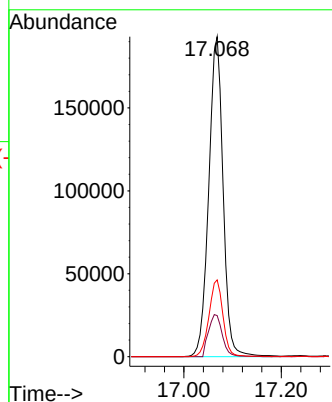
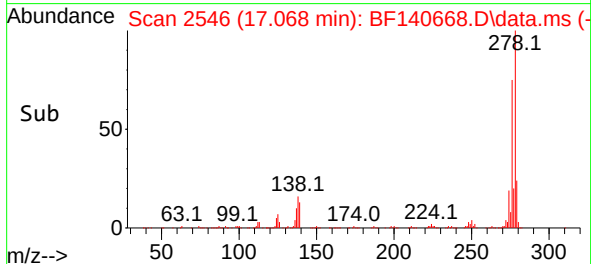
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMS



Tgt Ion:278 Resp: 39341
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 24.0 18.9 28.3

Manual Integrations
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Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#92
Benzo(g,h,i)perylene
Concen: 23.724 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BF140668.D
Acq: 27 Nov 2024 14:30

Tgt Ion:276 Resp: 347245
Ion Ratio Lower Upper
276 100
277 24.1 18.9 28.3
138 17.3 13.2 19.8

