

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140669.D
 Acq On : 27 Nov 2024 14:55
 Operator : RC/JU
 Sample : P4985-01MSD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMSD

Manual Integrations
 APPROVED

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

Quant Time: Nov 27 15:21:53 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	117319	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	450123	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	260080	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	487119	20.000	ng	0.00
76) Chrysene-d12	14.051	240	274915	20.000	ng	0.00
86) Perylene-d12	15.539	264	280353	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	460445	66.964	ng	0.00
7) Phenol-d6	6.510	99	622224	68.450	ng	0.00
23) Nitrobenzene-d5	7.434	82	400953	45.563	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	195281	70.205	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	772480	44.254	ng	0.00
79) Terphenyl-d14	12.980	244	731732	41.446	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	81603	28.227	ng	98
3) Pyridine	3.457	79	207375	32.602	ng	99
4) n-Nitrosodimethylamine	3.410	42	114997	30.760	ng	95
6) Aniline	6.534	93	217095	33.931	ng	90
8) 2-Chlorophenol	6.663	128	250283	33.833	ng	95
9) Benzaldehyde	6.422	77	102515	21.303	ng	99
10) Phenol	6.528	94	324423	34.947	ng	98
11) bis(2-Chloroethyl)ether	6.604	93	231333	32.564	ng	99
12) 1,3-Dichlorobenzene	6.810	146	256624	30.873	ng	99
13) 1,4-Dichlorobenzene	6.886	146	263084	31.258	ng	99
14) 1,2-Dichlorobenzene	7.039	146	250930	31.818	ng	98
15) Benzyl Alcohol	7.016	79	232924	34.552	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	283723	33.807	ng	90
17) 2-Methylphenol	7.128	107	195330	32.986	ng	98
18) Hexachloroethane	7.381	117	97227	30.930	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	178258	33.181	ng	97
20) 3+4-Methylphenols	7.281	107	256887	33.750	ng	94
22) Acetophenone	7.281	105	345445	31.479	ng	98
24) Nitrobenzene	7.457	77	274482	30.179	ng	97
25) Isophorone	7.692	82	484920	33.038	ng	100
26) 2-Nitrophenol	7.769	139	135878	33.712	ng	97
27) 2,4-Dimethylphenol	7.810	122	196645m	40.777	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	290376	32.474	ng	99
29) 2,4-Dichlorophenol	8.016	162	216271	33.845	ng	96
30) 1,2,4-Trichlorobenzene	8.092	180	223848	30.681	ng	99
31) Naphthalene	8.175	128	743029	32.047	ng	99
32) Benzoic acid	7.945	122	124921	32.499	ng	99
33) 4-Chloroaniline	8.228	127	96369	13.882	ng	98
34) Hexachlorobutadiene	8.286	225	146232	30.260	ng	99
35) Caprolactam	8.598	113	72087m	36.453	ng	
36) 4-Chloro-3-methylphenol	8.716	107	245373	34.296	ng	98
37) 2-Methylnaphthalene	8.863	142	496868	33.740	ng	99
38) 1-Methylnaphthalene	8.963	142	456656	31.636	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	243823	32.024	ng	99
41) Hexachlorocyclopentadiene	9.016	237	183573	104.778	ng	97
43) 2,4,6-Trichlorophenol	9.151	196	157111	32.885	ng	99

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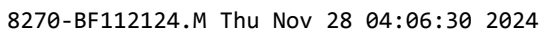
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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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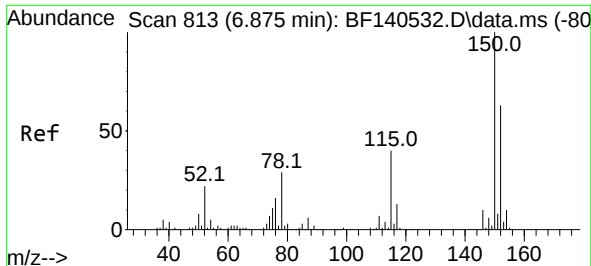
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	171662	33.107	ng	95
46) 1,1'-Biphenyl	9.327	154	625118	32.193	ng	100
47) 2-Chloronaphthalene	9.357	162	465587	31.644	ng	98
48) 2-Nitroaniline	9.457	65	155729	32.975	ng	96
49) Acenaphthylene	9.769	152	769509	34.615	ng	100
50) Dimethylphthalate	9.627	163	579653	33.841	ng	100
51) 2,6-Dinitrotoluene	9.698	165	126699	32.615	ng	93
52) Acenaphthene	9.945	154	468014	33.133	ng	99
53) 3-Nitroaniline	9.869	138	86960	22.888	ng	94
54) 2,4-Dinitrophenol	9.986	184	143064	71.978	ng	95
55) Dibenzofuran	10.116	168	714291	33.153	ng	100
56) 4-Nitrophenol	10.045	139	176728	68.203	ng	94
57) 2,4-Dinitrotoluene	10.104	165	172951	33.499	ng	98
58) Fluorene	10.463	166	575613	33.284	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	146501	36.764	ng	94
60) Diethylphthalate	10.327	149	590256	33.917	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	284106	33.475	ng	96
62) 4-Nitroaniline	10.486	138	131168	32.916	ng	97
63) Azobenzene	10.610	77	591360	35.882	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	99561	39.997	ng	97
66) n-Nitrosodiphenylamine	10.569	169	495265	34.381	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	170016	33.891	ng	97
68) Hexachlorobenzene	11.010	284	189786	32.673	ng	99
69) Atrazine	11.098	200	163790	40.417	ng	99
70) Pentachlorophenol	11.210	266	168393	65.867	ng	100
71) Phenanthrene	11.427	178	788756	33.685	ng	99
72) Anthracene	11.480	178	817271	35.681	ng	100
73) Carbazole	11.633	167	724700	32.889	ng	100
74) Di-n-butylphthalate	11.957	149	881535	34.653	ng	99
75) Fluoranthene	12.616	202	778993	30.641	ng	99
77) Benzidine	12.739	184	125731	15.730	ng	98
78) Pyrene	12.845	202	779214	30.654	ng	100
80) Butylbenzylphthalate	13.457	149	301282	32.902	ng	99
81) Benzo(a)anthracene	14.039	228	627059	34.457	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	131745	24.112	ng	99
83) Chrysene	14.074	228	574467	34.523	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	399909	34.586	ng	99
85) Di-n-octyl phthalate	14.633	149	652453	41.290	ng	98
87) Indeno(1,2,3-cd)pyrene	17.056	276	525361	28.755	ng	99
88) Benzo(b)fluoranthene	15.104	252	607116	34.477	ng	98
89) Benzo(k)fluoranthene	15.133	252	504232	32.722	ng	99
90) Benzo(a)pyrene	15.480	252	516424	36.069	ng	99
91) Dibenzo(a,h)anthracene	17.062	278	431590	28.844	ng	99
92) Benzo(g,h,i)perylene	17.509	276	378458	24.787	ng	99

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

Manual Integrations

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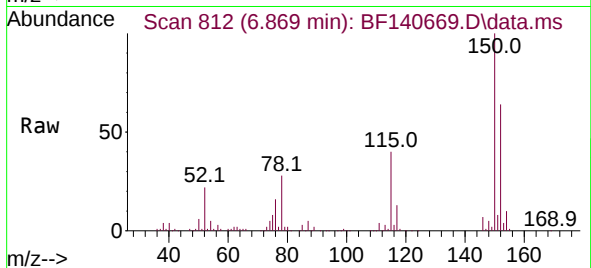
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



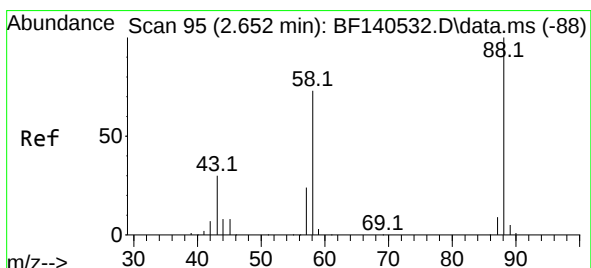
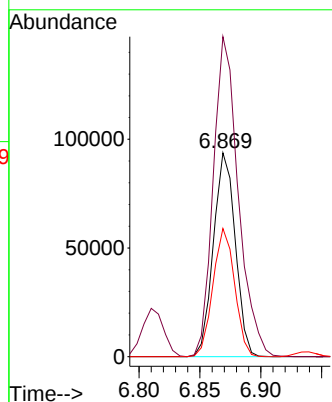
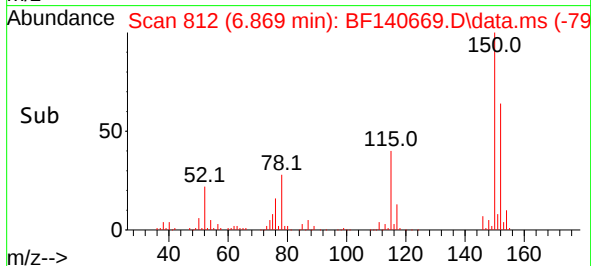
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Ion Ratio Lower Upper
152 100
150 157.0 128.5 192.7
115 62.9 50.2 75.4

Manual Integrations

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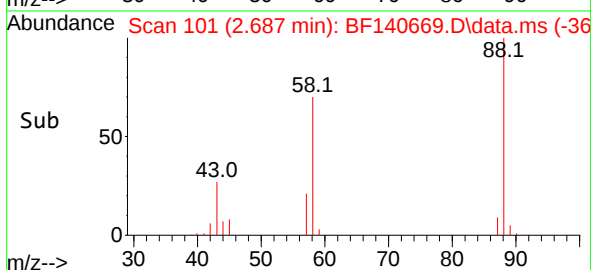
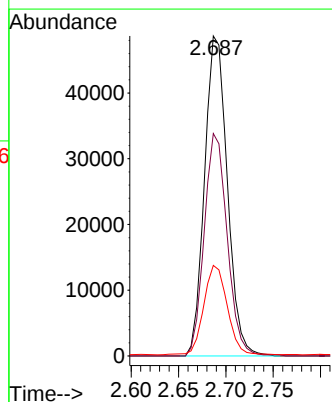
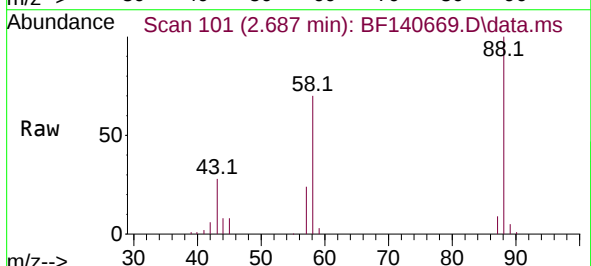
Reviewed By :Yogesh Patel 11/29/2024

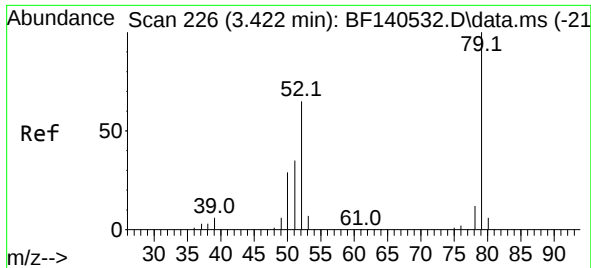
Supervised By :mohammad ahmed 11/29/2024



#2
1,4-Dioxane
Concen: 28.227 ng
RT: 2.687 min Scan# 101
Delta R.T. 0.035 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion: 88 Resp: 81603
Ion Ratio Lower Upper
88 100
58 70.0 57.4 86.2
43 28.8 24.3 36.5





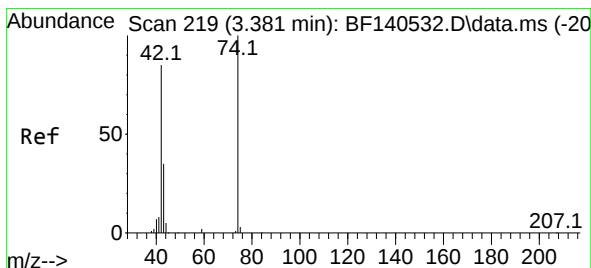
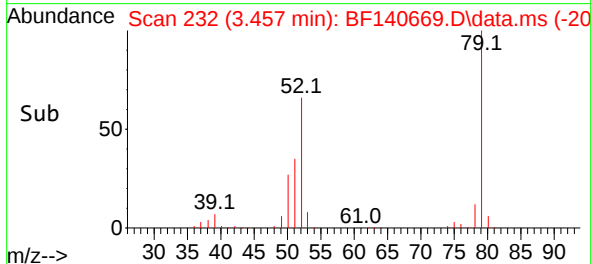
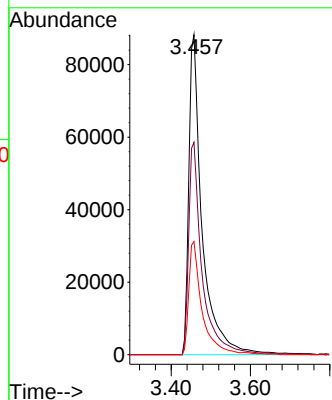
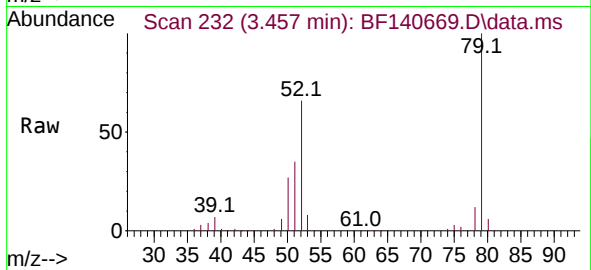
#3
 Pyridine
 Concen: 32.602 ng
 RT: 3.457 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF140669.D
 Acq: 27 Nov 2024 14:55

Instrument :
 BNA_F
 ClientSampleId :
 MH-756-WCMSD

Tgt Ion: 79 Resp: 20737
 Ion Ratio Lower Upper
 79 100
 52 66.4 52.1 78.1
 51 35.3 27.8 41.8

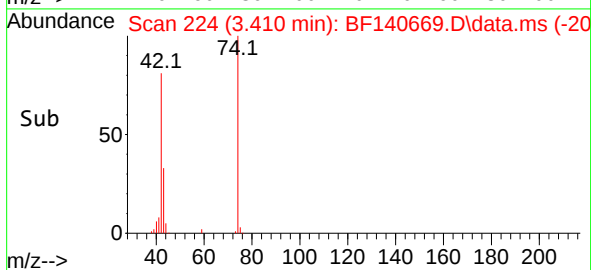
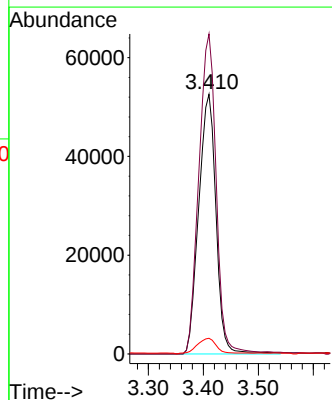
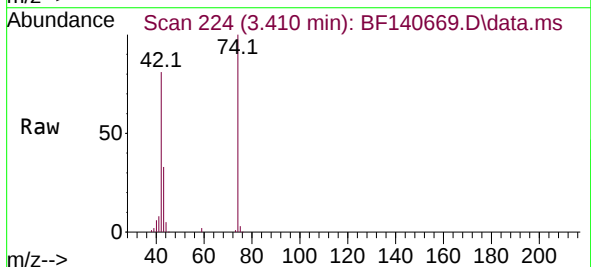
Manual Integrations
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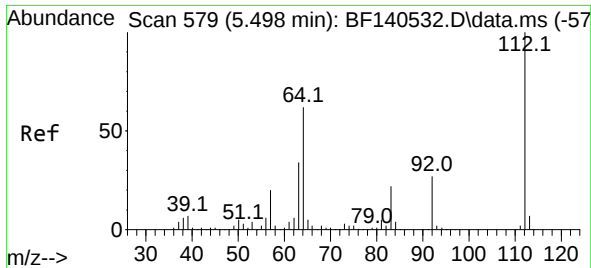
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#4
 n-Nitrosodimethylamine
 Concen: 30.760 ng
 RT: 3.410 min Scan# 224
 Delta R.T. 0.029 min
 Lab File: BF140669.D
 Acq: 27 Nov 2024 14:55

Tgt Ion: 42 Resp: 114997
 Ion Ratio Lower Upper
 42 100
 74 123.2 93.8 140.6
 44 6.0 4.6 6.8





#5
2-Fluorophenol
Concen: 66.964 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

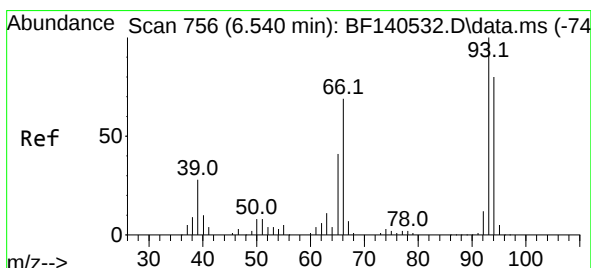
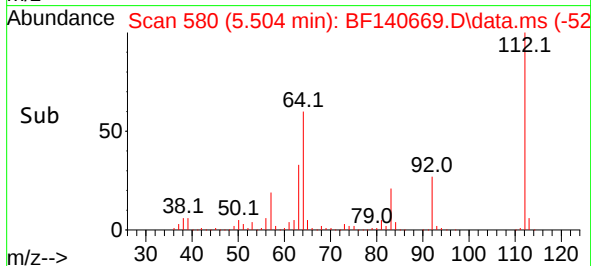
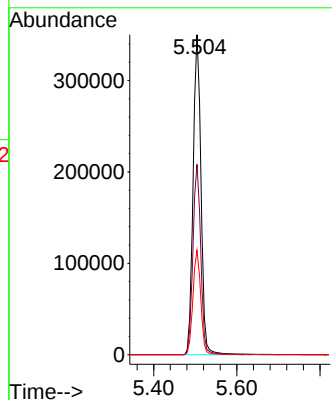
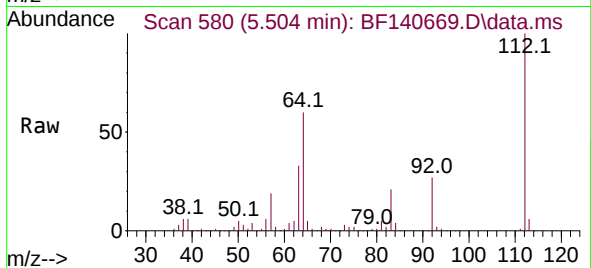
Tgt Ion:112 Resp: 46044
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 32.6 27.0 40.4

Manual Integrations

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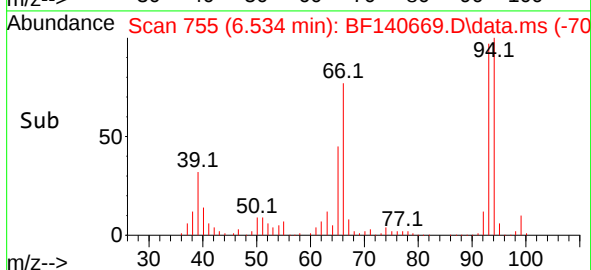
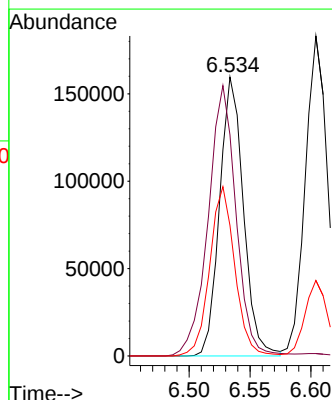
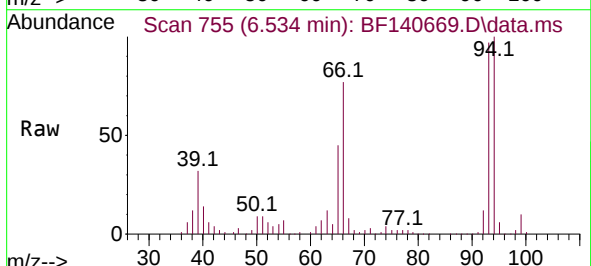
Reviewed By :Yogesh Patel 11/29/2024

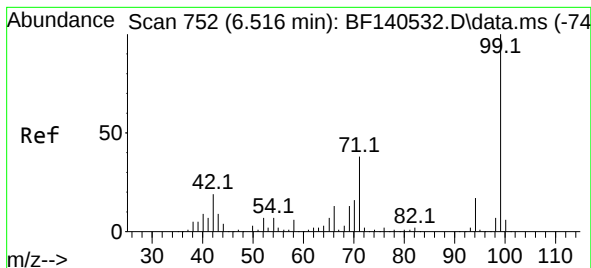
Supervised By :mohammad ahmed 11/29/2024



#6
Aniline
Concen: 33.931 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion: 93 Resp: 217095
Ion Ratio Lower Upper
93 100
66 79.3 56.5 84.7
65 46.8 32.9 49.3





#7

Phenol-d6

Concen: 68.450 ng

RT: 6.510 min Scan# 751

Delta R.T. -0.006 min

Lab File: BF140669.D

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MH-756-WCMSD

Tgt Ion: 99 Resp: 622224

Ion Ratio Lower Upper

99 100

42 18.0 15.4 23.0

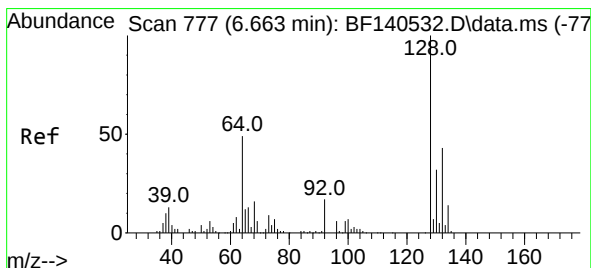
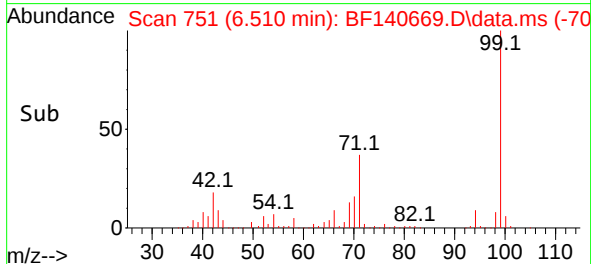
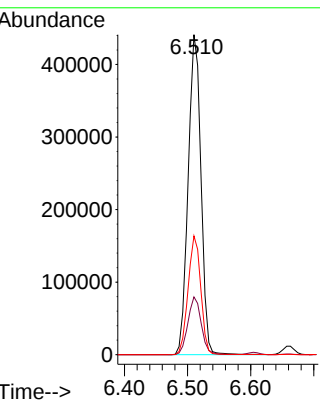
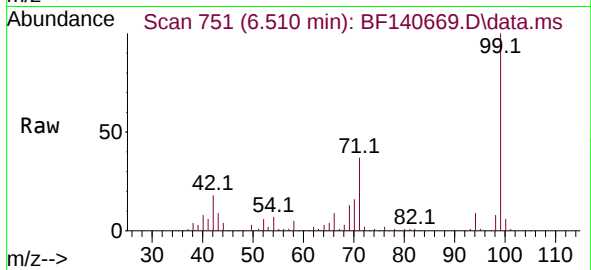
71 37.1 30.6 46.0

Manual Integrations

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#8

2-Chlorophenol

Concen: 33.833 ng

RT: 6.663 min Scan# 777

Delta R.T. -0.000 min

Lab File: BF140669.D

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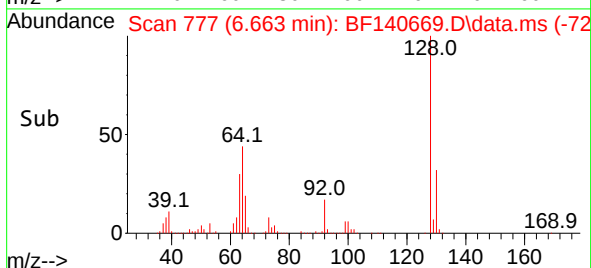
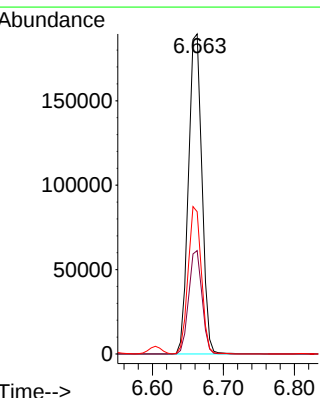
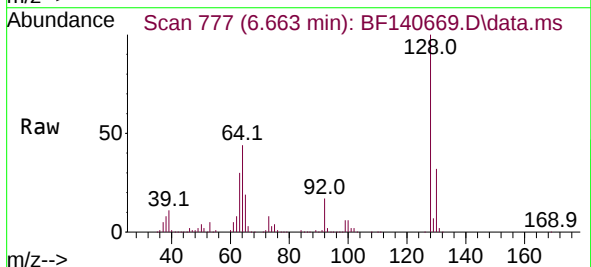
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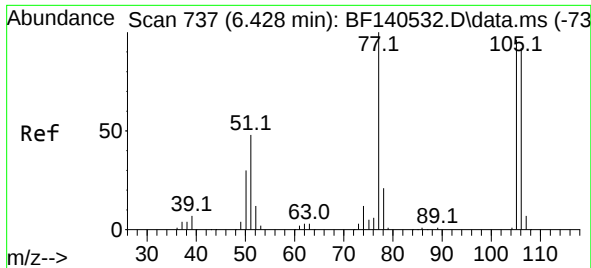
Ion Ratio Lower Upper

128 100

130 32.3 12.3 52.3

64 44.5 30.2 70.2





#9

Benzaldehyde

Concen: 21.303 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

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Tgt Ion: 77 Resp: 10251

Ion Ratio Lower Upper

77 100

105 95.3 75.6 115.6

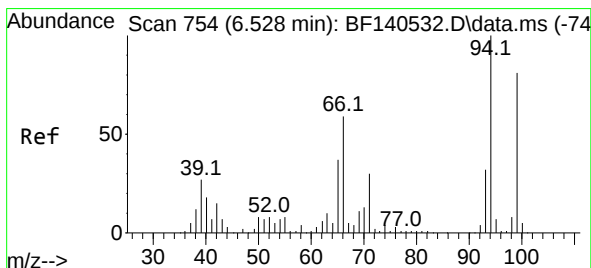
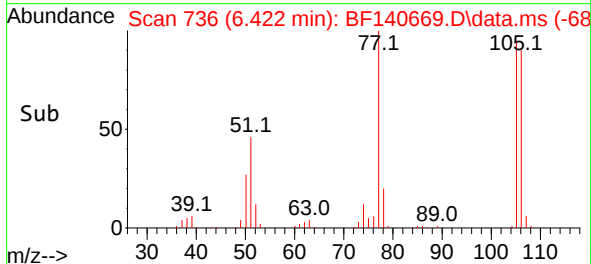
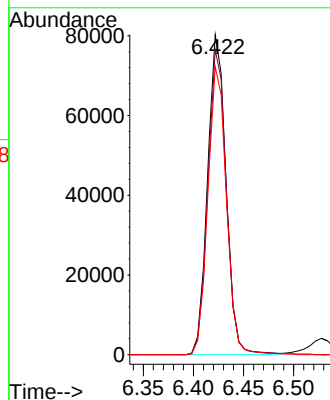
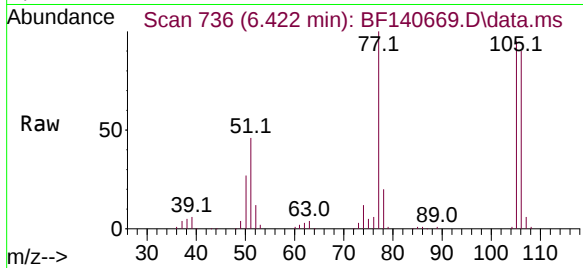
106 90.0 72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 34.947 ng

RT: 6.528 min Scan# 754

Delta R.T. -0.000 min

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Acq: 27 Nov 2024 14:55

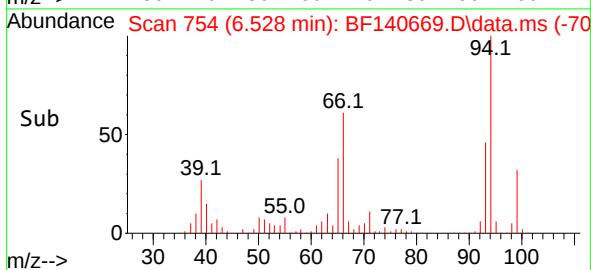
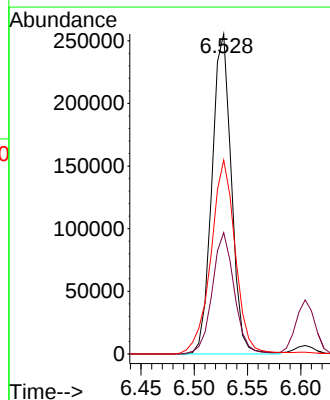
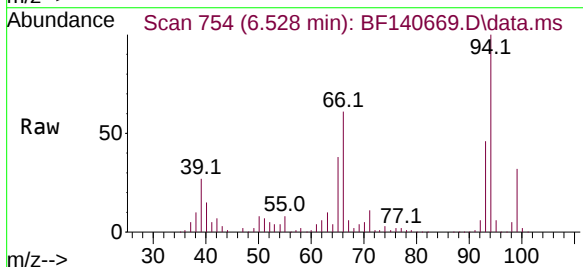
Tgt Ion: 94 Resp: 324423

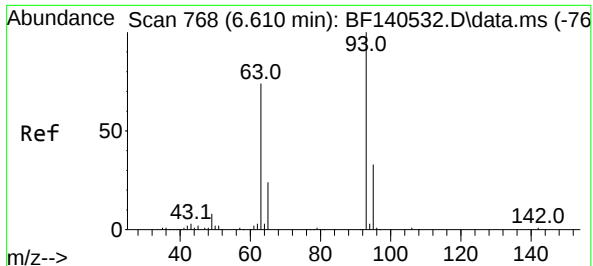
Ion Ratio Lower Upper

94 100

65 37.9 17.2 57.2

66 60.6 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 32.564 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion: 93 Resp: 23133

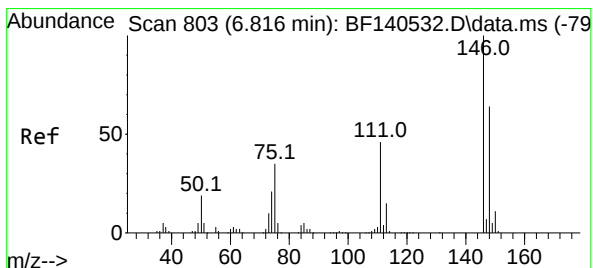
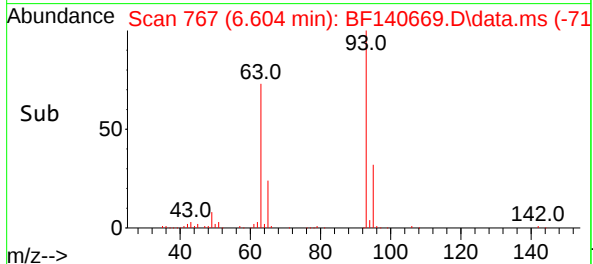
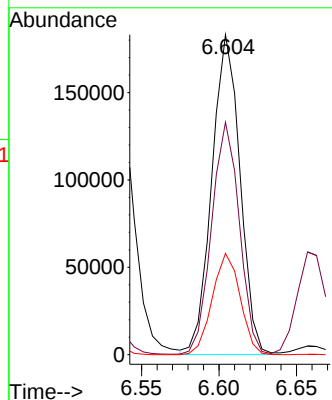
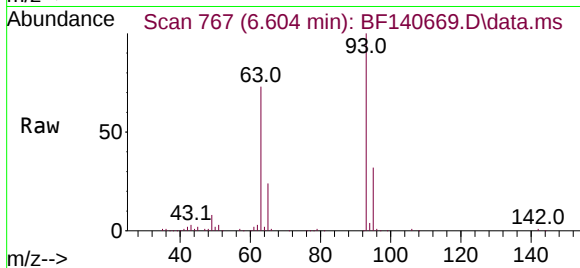
Ion	Ratio	Lower	Upper
93	100		
63	72.6	52.8	92.8
95	31.6	12.3	52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#12

1,3-Dichlorobenzene

Concen: 30.873 ng

RT: 6.810 min Scan# 802

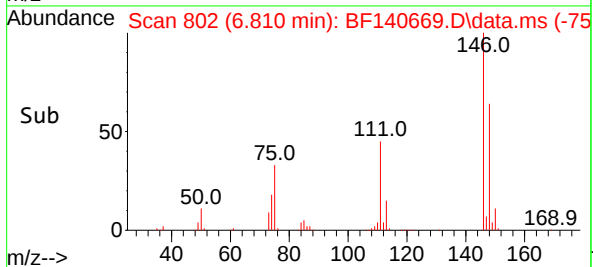
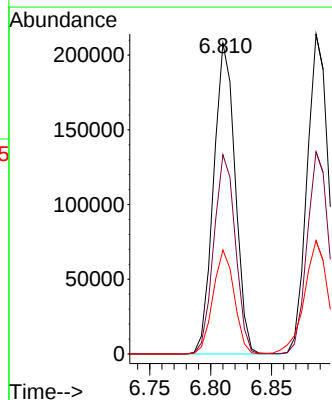
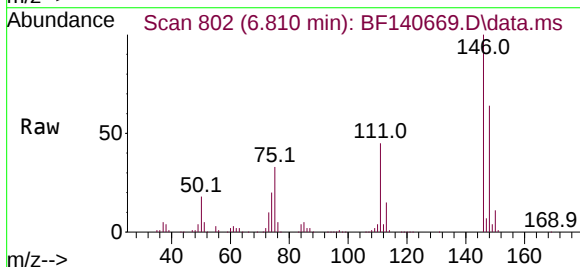
Delta R.T. -0.006 min

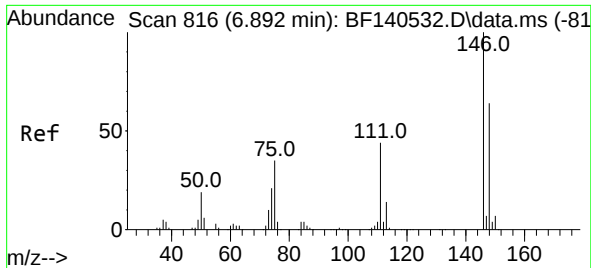
Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Tgt Ion:146 Resp: 256624

Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.3	76.9
75	33.4	28.2	42.2





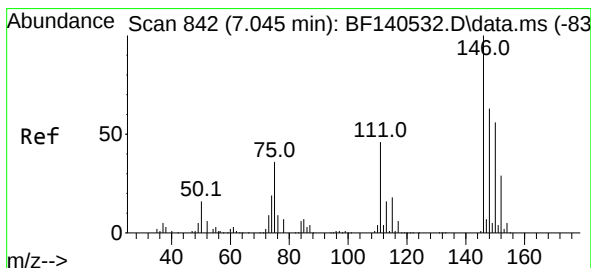
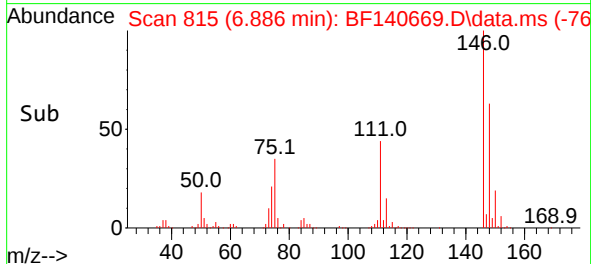
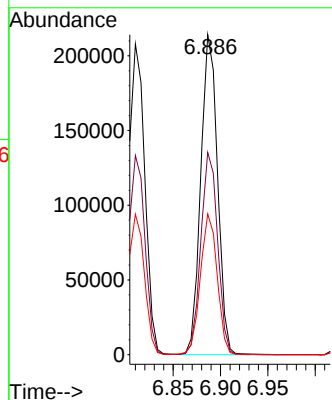
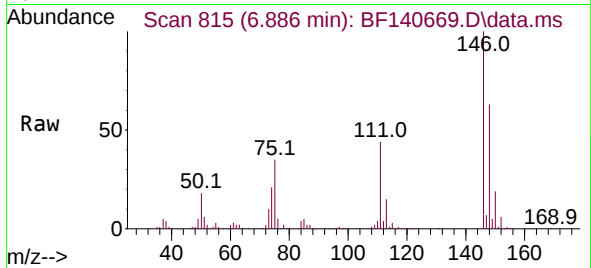
#13
1,4-Dichlorobenzene
Concen: 31.258 ng
RT: 6.886 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion:146 Resp: 263084
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.6
111 44.0 35.3 52.9

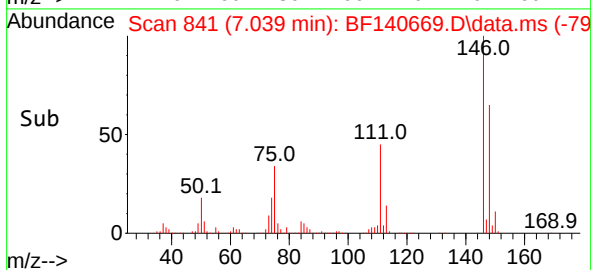
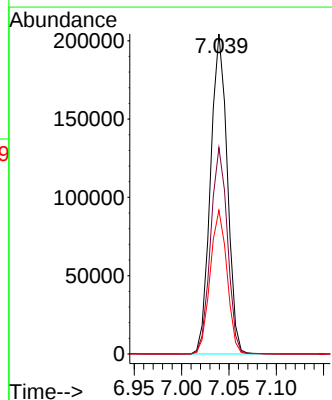
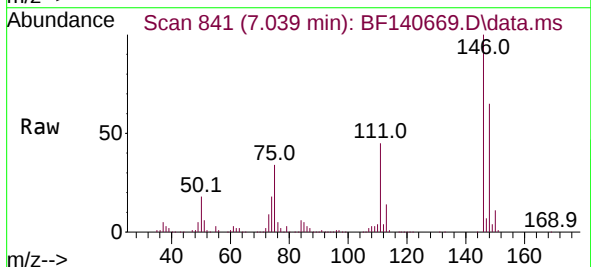
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 31.818 ng
RT: 7.039 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

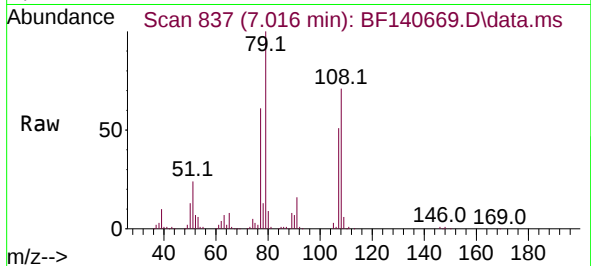
Tgt Ion:146 Resp: 250930
Ion Ratio Lower Upper
146 100
148 64.5 50.5 75.7
111 44.9 36.7 55.1





#15
Benzyl Alcohol
Concen: 34.552 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

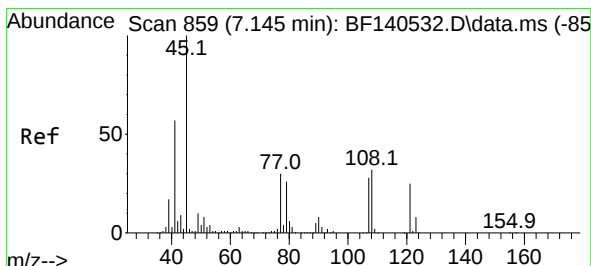
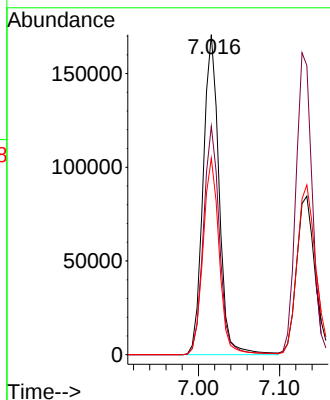
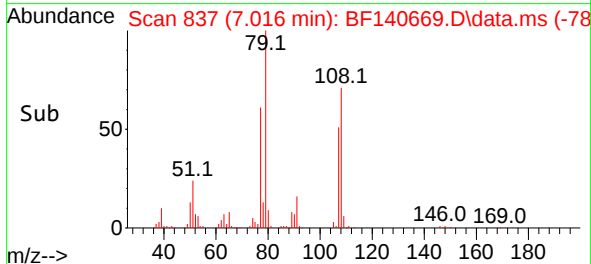
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion: 79 Resp: 232924
Ion Ratio Lower Upper
79 100
108 71.4 55.0 82.6
77 61.4 50.1 75.1

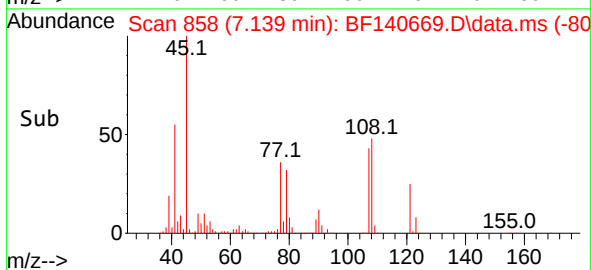
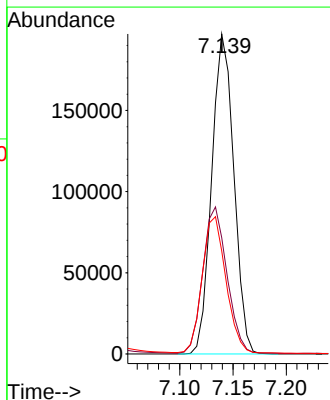
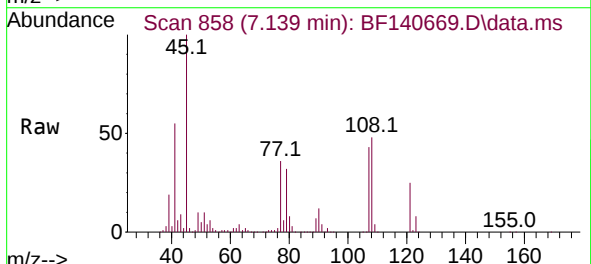
Manual Integrations
APPROVED

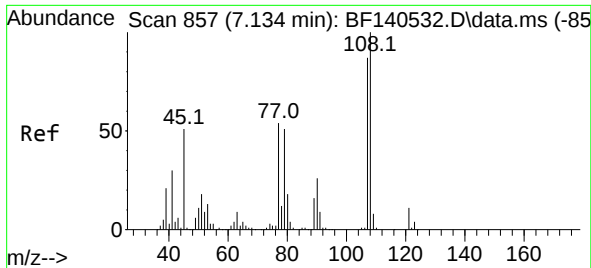
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.807 ng
RT: 7.139 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

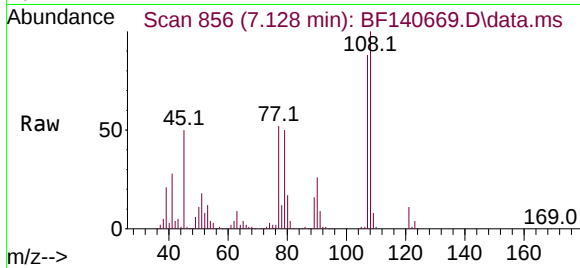
Tgt Ion: 45 Resp: 283723
Ion Ratio Lower Upper
45 100
77 36.4 10.7 50.7
79 32.2 7.0 47.0





#17
2-Methylphenol
Concen: 32.986 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

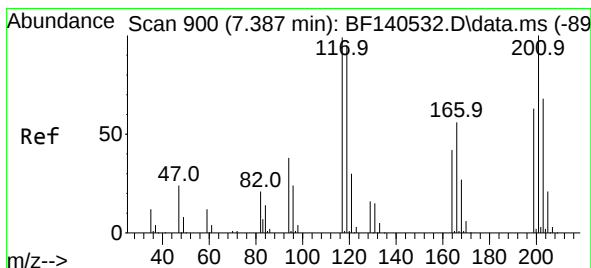
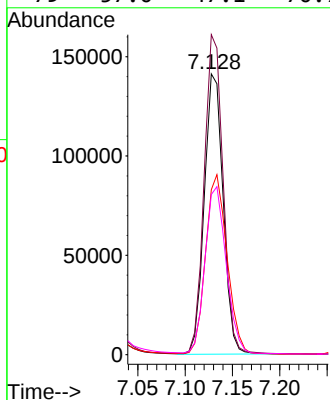
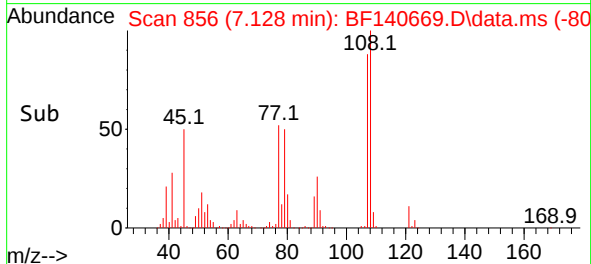
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:107 Resp: 195330
Ion Ratio Lower Upper
107 100
108 113.9 91.7 137.5
77 58.8 49.3 73.9
79 57.0 47.1 70.7

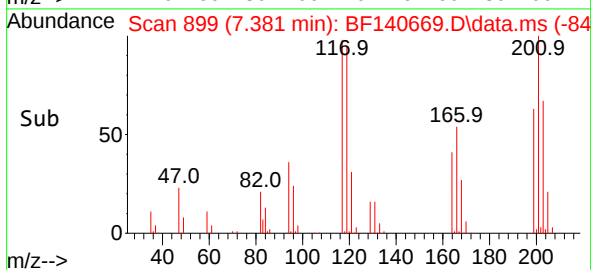
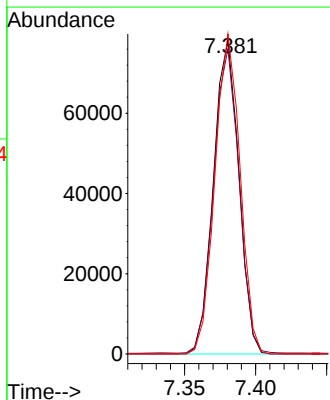
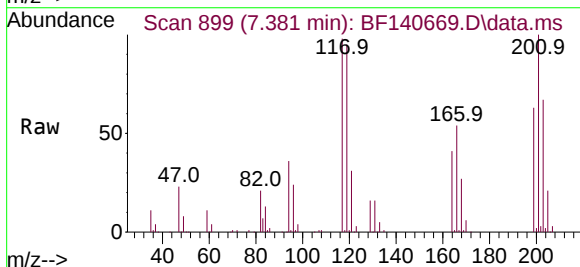
Manual Integrations
APPROVED

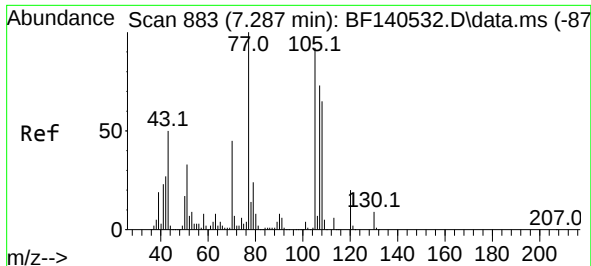
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#18
Hexachloroethane
Concen: 30.930 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:117 Resp: 97227
Ion Ratio Lower Upper
117 100
119 97.3 77.1 115.7
201 102.0 81.1 121.7





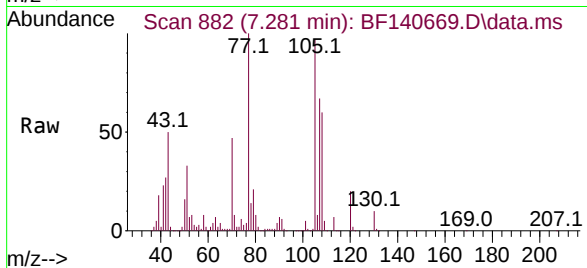
#19
n-Nitroso-di-n-propylamine
Concen: 33.181 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

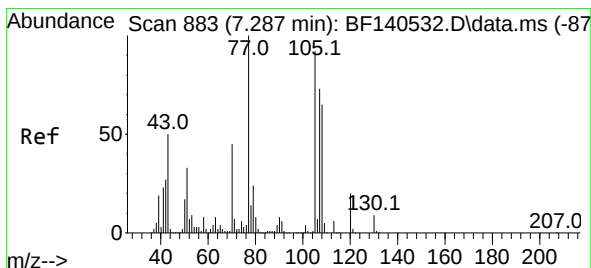
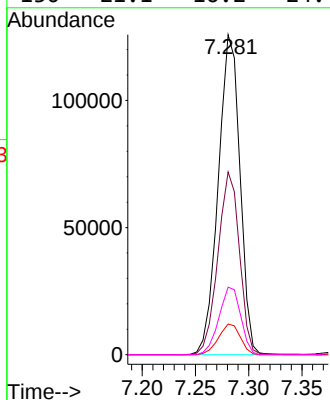
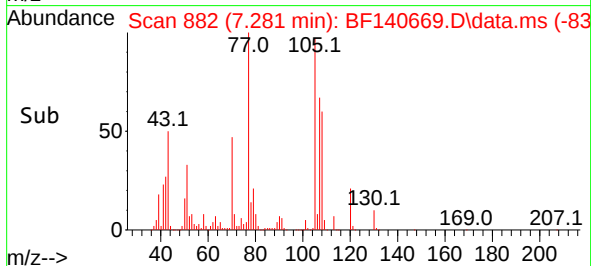
MH-756-WCMSD



Tgt Ion: 70 Resp: 178258
Ion Ratio Lower Upper
70 100
42 57.1 47.6 71.4
101 9.6 7.6 11.4
130 21.1 16.2 24.4

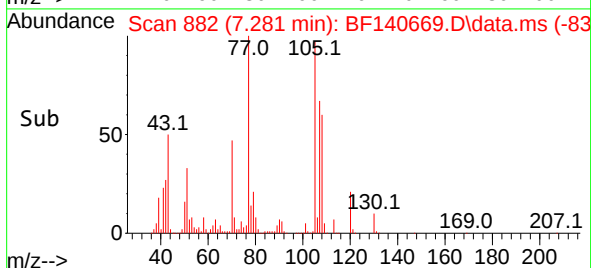
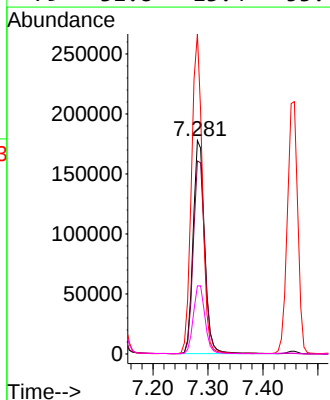
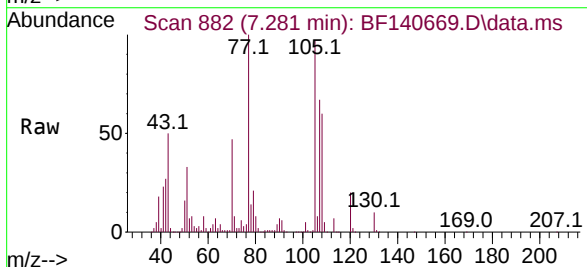
Manual Integrations
APPROVED

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



#20
3+4-Methylphenols
Concen: 33.750 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:107 Resp: 256887
Ion Ratio Lower Upper
107 100
108 90.4 69.9 109.9
77 149.9 117.7 157.7
79 31.8 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: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

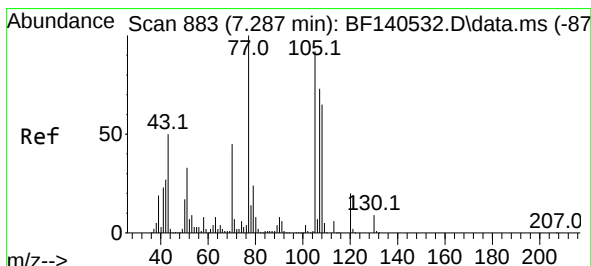
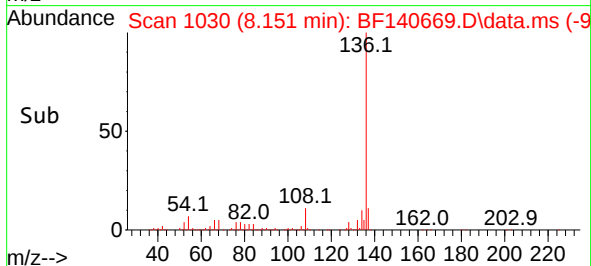
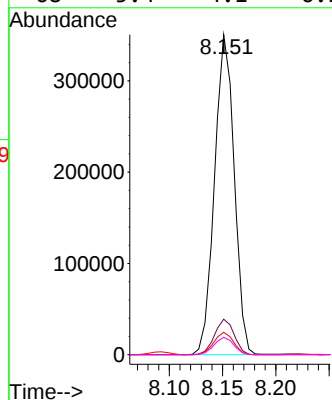
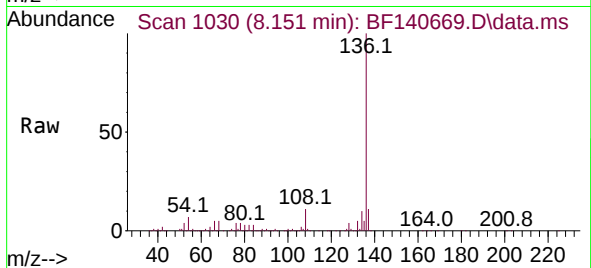
Tgt Ion:136 Resp: 45012
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 7.0 5.8 8.8
68 5.4 4.1 6.1

Manual Integrations

APPROVED

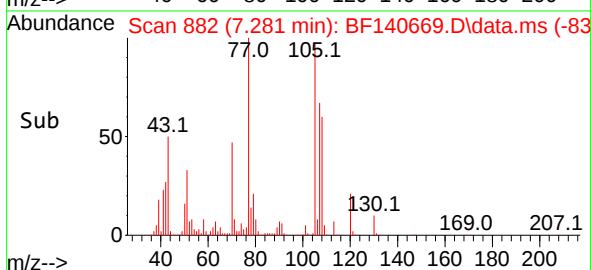
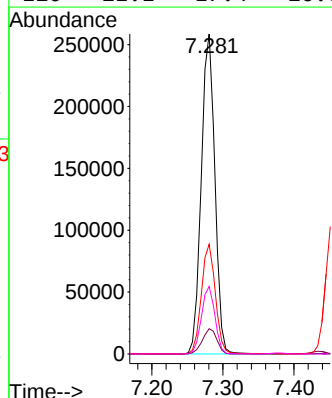
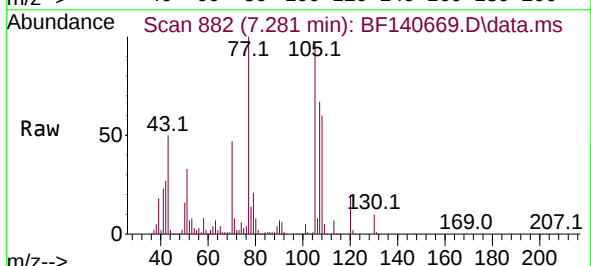
Reviewed By :Yogesh Patel 11/29/2024

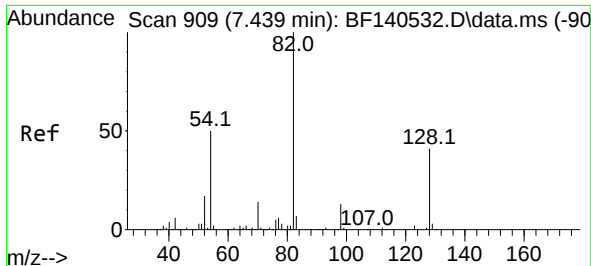
Supervised By :mohammad ahmed 11/29/2024



#22
Acetophenone
Concen: 31.479 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:105 Resp: 345445
Ion Ratio Lower Upper
105 100
71 7.9 6.2 9.2
51 34.3 29.0 43.6
120 21.1 17.4 26.0





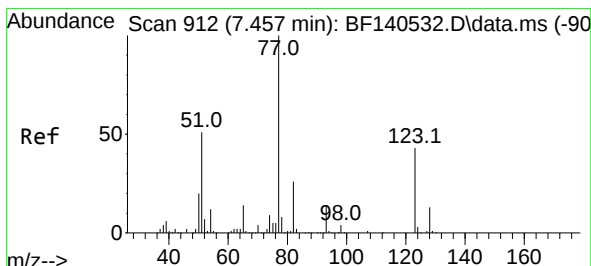
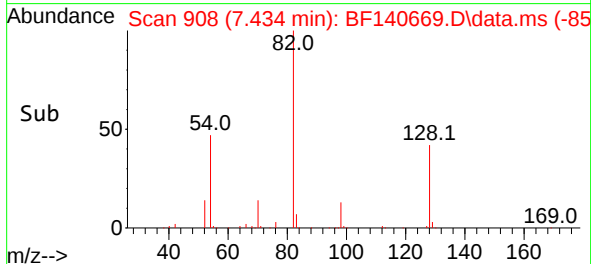
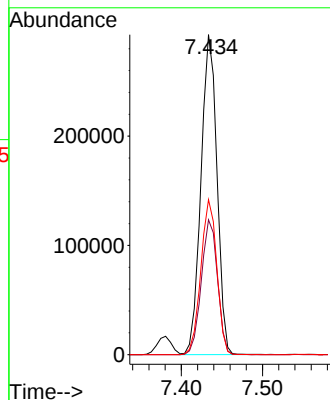
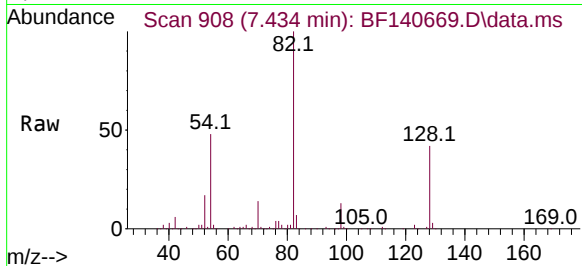
#23
Nitrobenzene-d5
Concen: 45.563 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion: 82 Resp: 40095
Ion Ratio Lower Upper
82 100
128 42.2 33.0 49.4
54 48.5 39.5 59.3

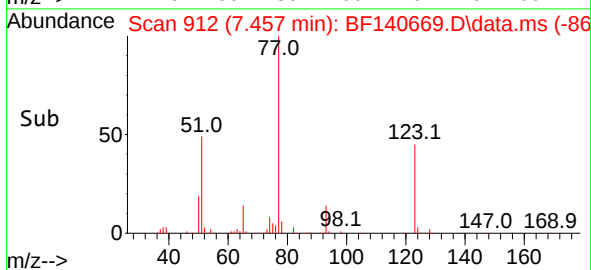
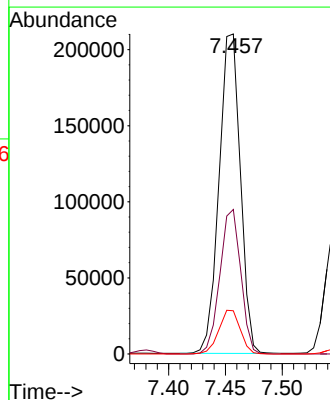
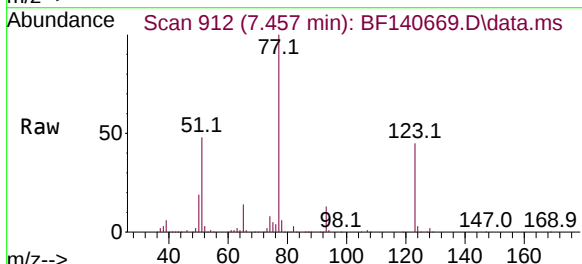
Manual Integrations
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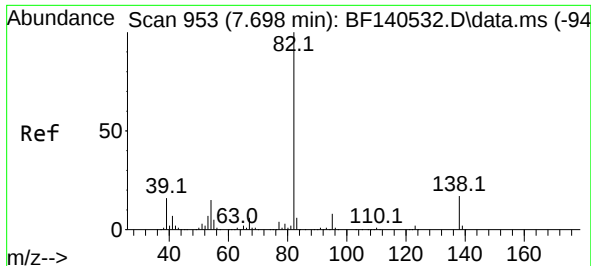
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#24
Nitrobenzene
Concen: 30.179 ng
RT: 7.457 min Scan# 912
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion: 77 Resp: 274482
Ion Ratio Lower Upper
77 100
123 45.2 34.3 51.5
65 13.5 11.2 16.8





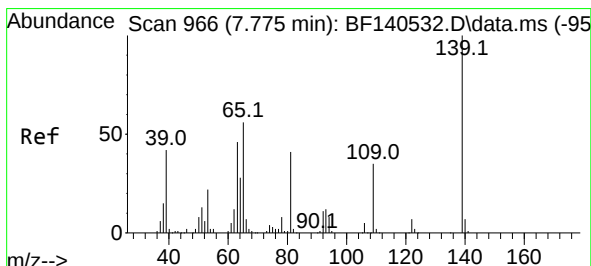
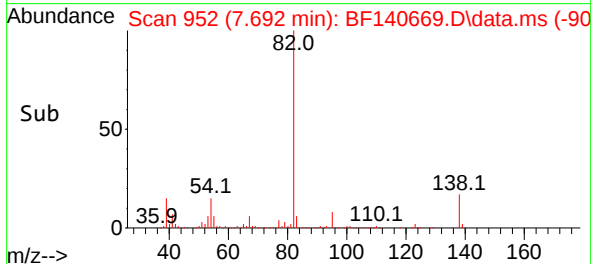
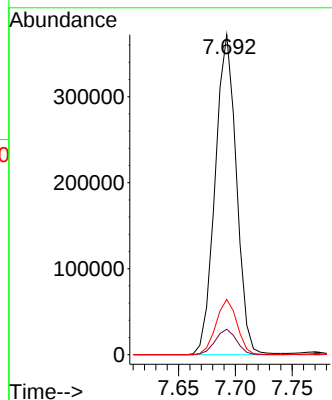
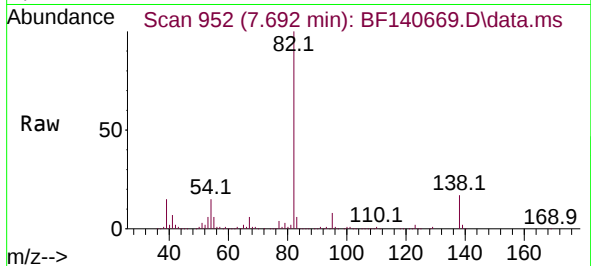
#25
Isophorone
Concen: 33.038 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion: 82 Resp: 484920
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.3 13.8 20.6

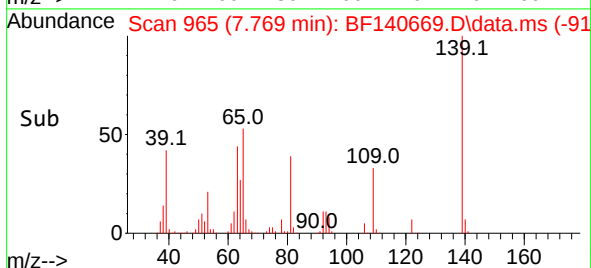
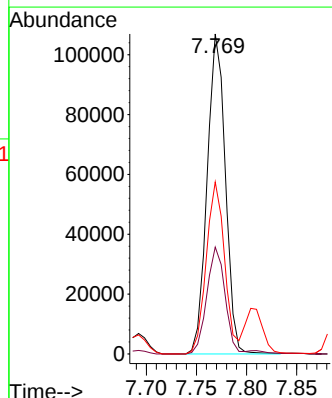
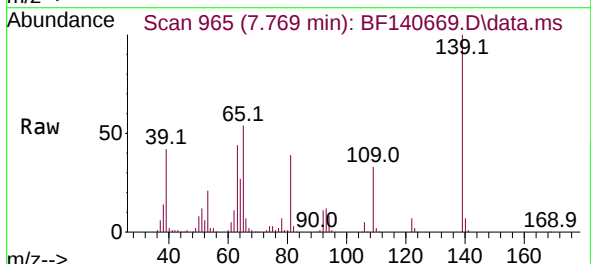
Manual Integrations
APPROVED

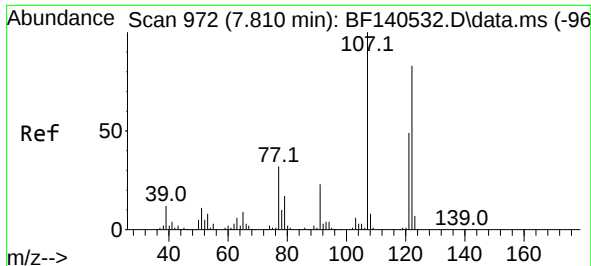
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#26
2-Nitrophenol
Concen: 33.712 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

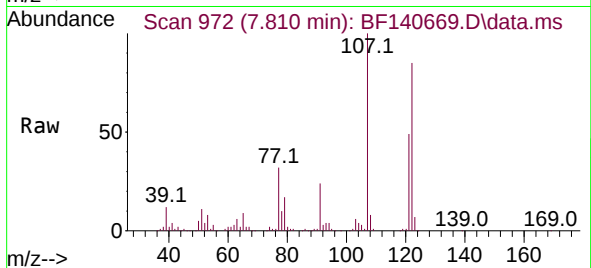
Tgt Ion:139 Resp: 135878
Ion Ratio Lower Upper
139 100
109 33.4 28.0 42.0
65 53.8 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 40.777 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

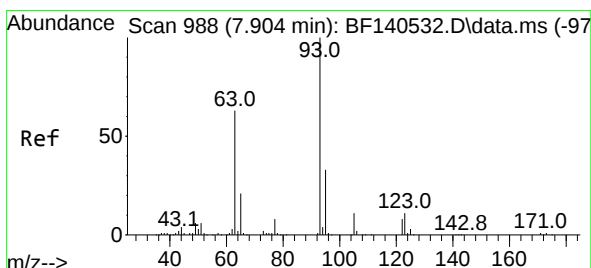
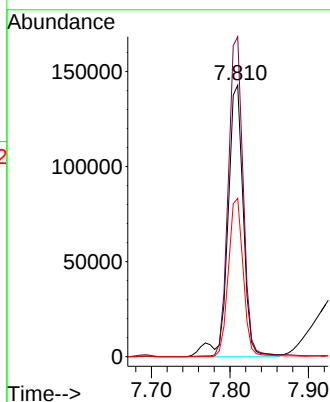
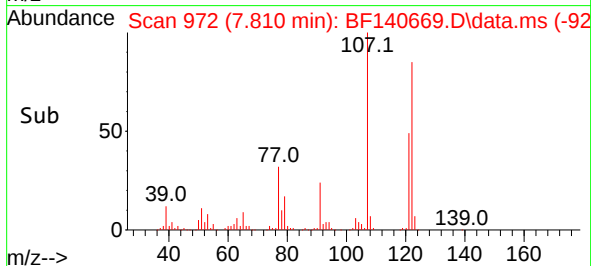
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:122 Resp: 19664
Ion Ratio Lower Upper
122 100
107 117.8 96.8 145.2
121 58.3 47.4 71.0

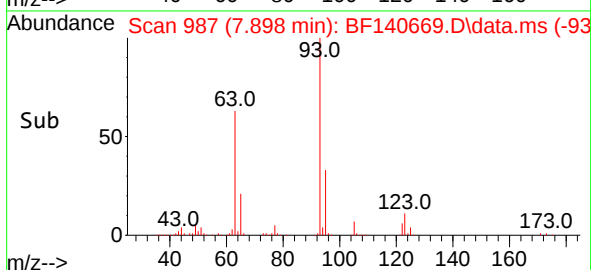
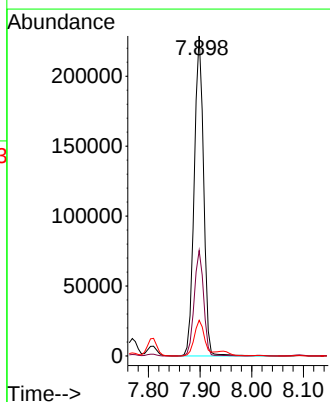
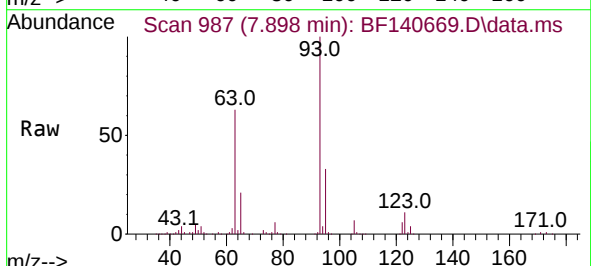
Manual Integrations
APPROVED

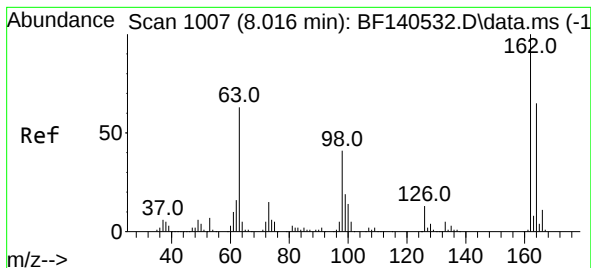
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#28
bis(2-Chloroethoxy)methane
Concen: 32.474 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion: 93 Resp: 290376
Ion Ratio Lower Upper
93 100
95 33.0 26.1 39.1
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 33.845 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion:162 Resp: 21627

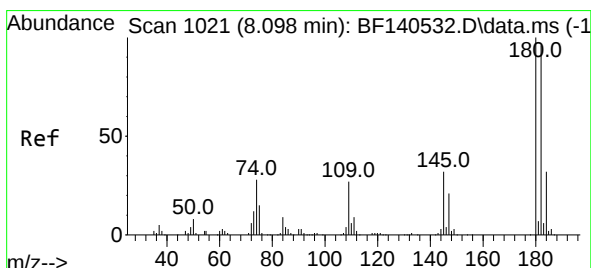
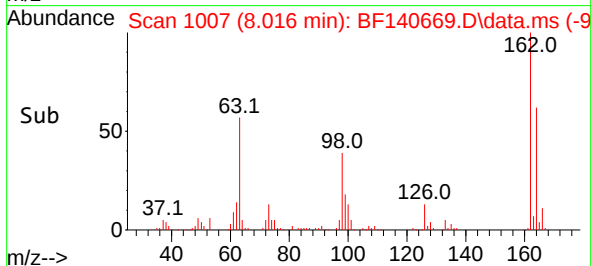
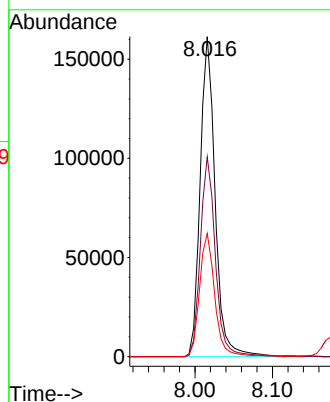
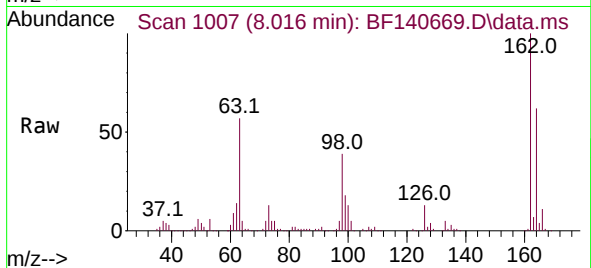
Ion	Ratio	Lower	Upper
162	100		
164	62.4	44.8	84.8
98	38.5	21.2	61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#30

1,2,4-Trichlorobenzene

Concen: 30.681 ng

RT: 8.092 min Scan# 1020

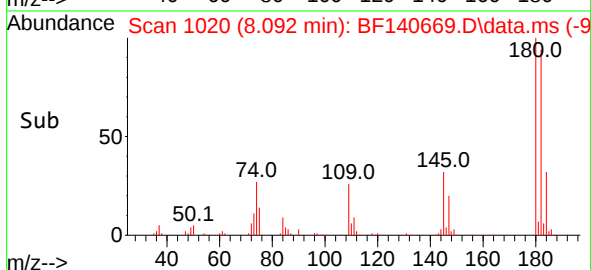
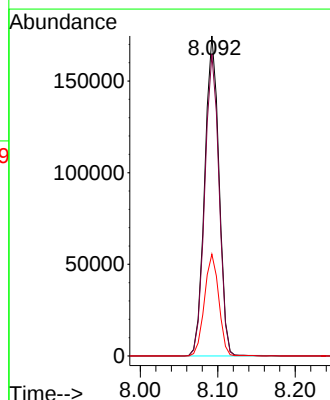
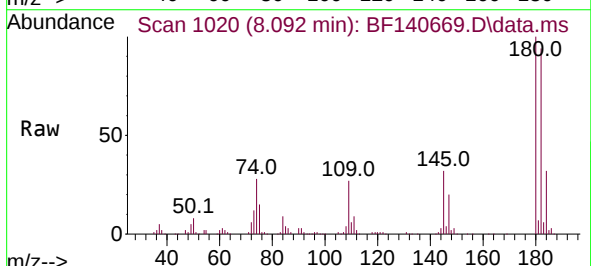
Delta R.T. -0.006 min

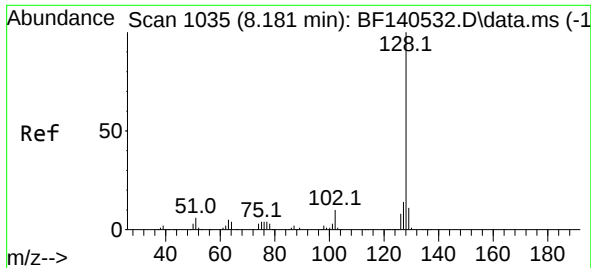
Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Tgt Ion:180 Resp: 223848

Ion	Ratio	Lower	Upper
180	100		
182	94.2	76.4	114.6
145	31.8	25.9	38.9





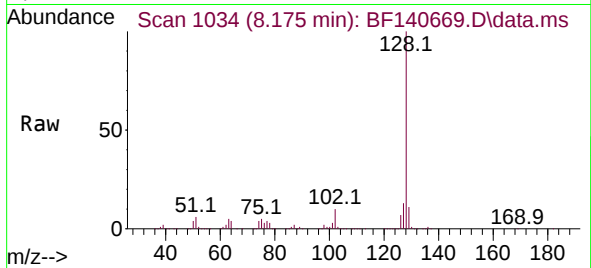
#31
Naphthalene
Concen: 32.047 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



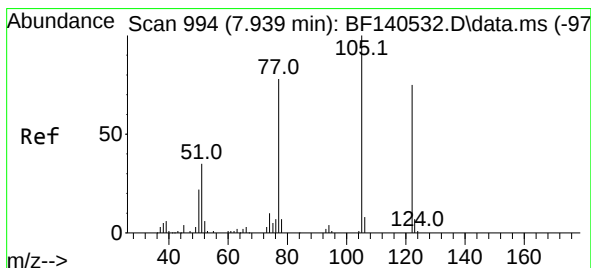
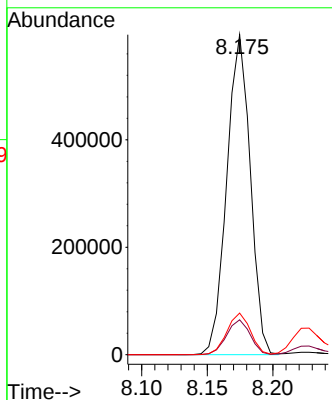
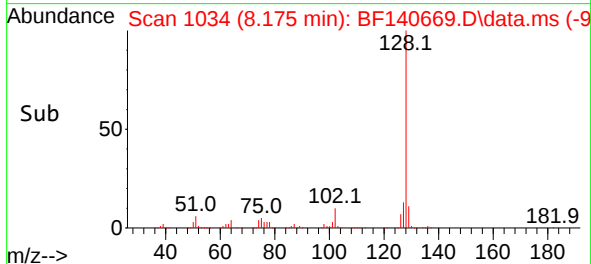
Tgt Ion:128 Resp: 743029
Ion Ratio Lower Upper
128 100
129 10.9 8.6 13.0
127 13.0 10.8 16.2

Manual Integrations

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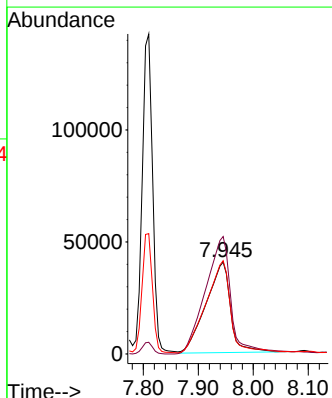
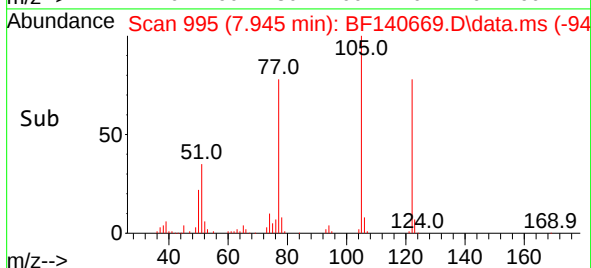
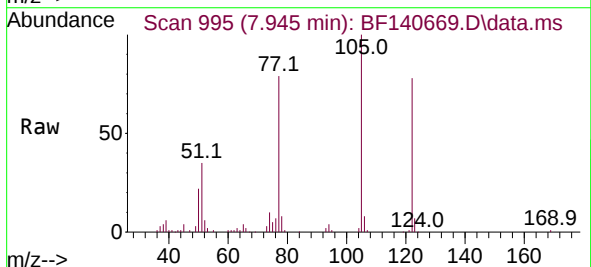
Reviewed By :Yogesh Patel 11/29/2024

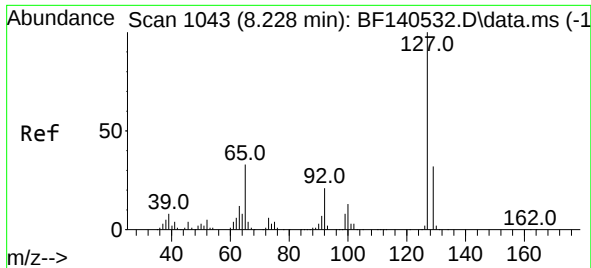
Supervised By :mohammad ahmed 11/29/2024



#32
Benzoic acid
Concen: 32.499 ng
RT: 7.945 min Scan# 995
Delta R.T. 0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:122 Resp: 124921
Ion Ratio Lower Upper
122 100
105 128.0 109.3 149.3
77 101.6 82.3 122.3





#33
4-Chloroaniline
Concen: 13.882 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

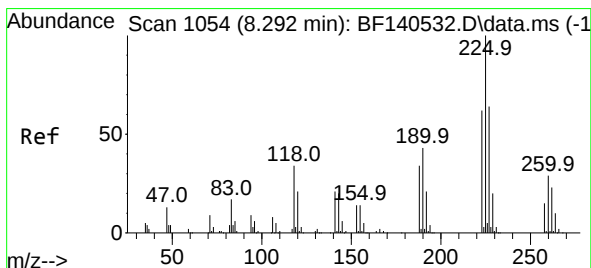
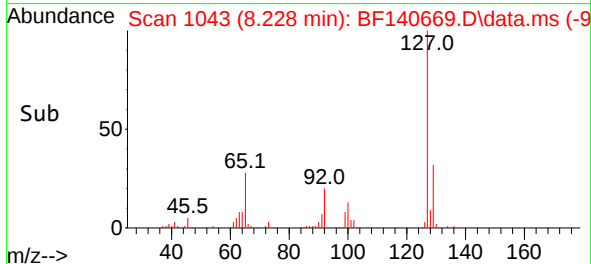
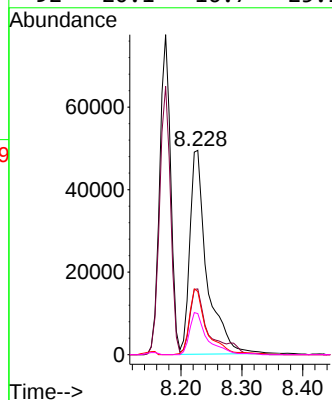
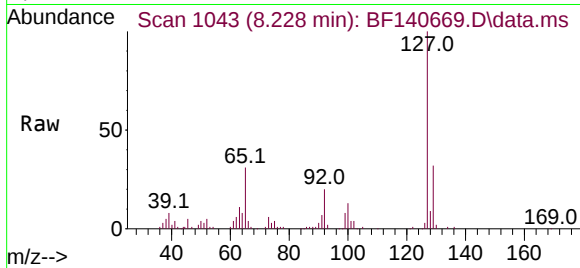
Tgt Ion:127 Resp: 96369
Ion Ratio Lower Upper
127 100
129 32.2 26.0 39.0
65 30.9 26.0 39.0
92 20.1 16.7 25.1

Manual Integrations

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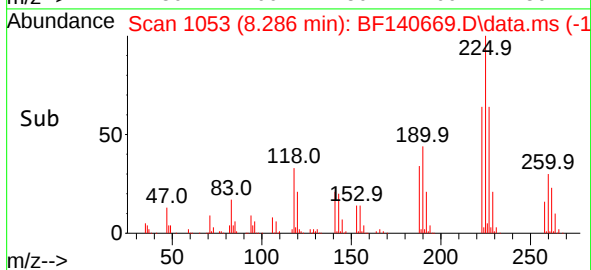
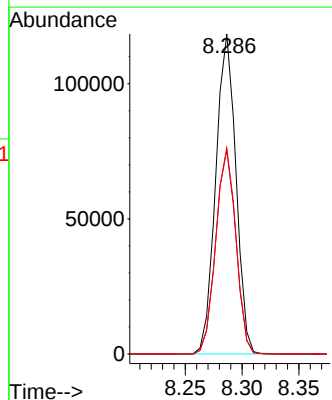
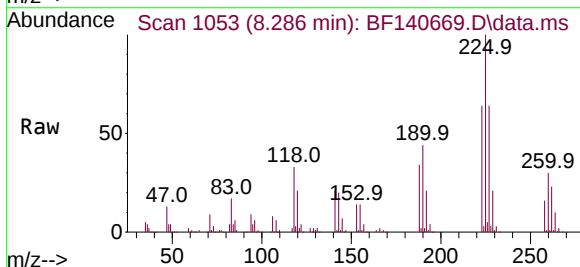
Reviewed By :Yogesh Patel 11/29/2024

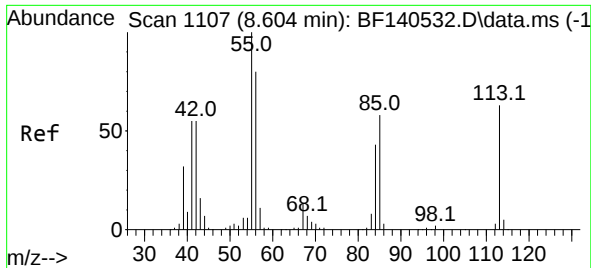
Supervised By :mohammad ahmed 11/29/2024



#34
Hexachlorobutadiene
Concen: 30.260 ng
RT: 8.286 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:225 Resp: 146232
Ion Ratio Lower Upper
225 100
223 63.7 49.8 74.8
227 64.4 51.3 76.9





#35
Caprolactam
Concen: 36.453 ng m
RT: 8.598 min Scan# 1106
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

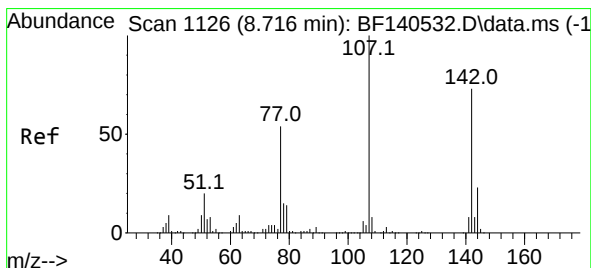
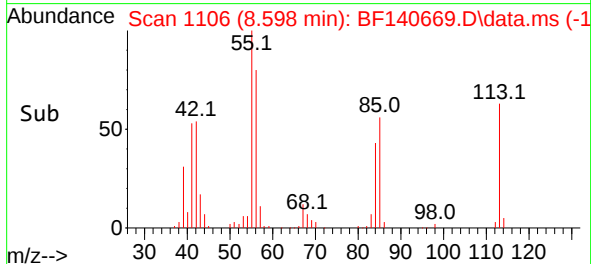
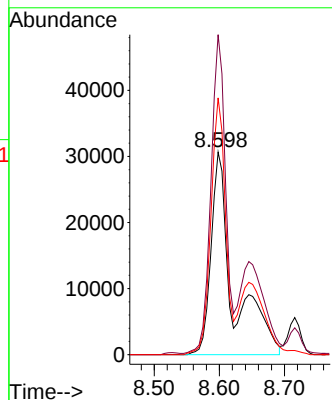
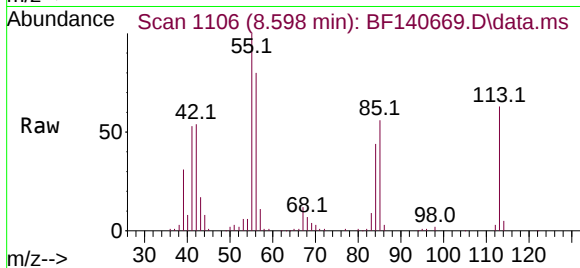
ClientSampleId :

MH-756-WCMSD

Tgt Ion:113 Resp: 7208
Ion Ratio Lower Upper
113 100
55 157.9 137.7 177.7
56 126.7 106.4 146.4

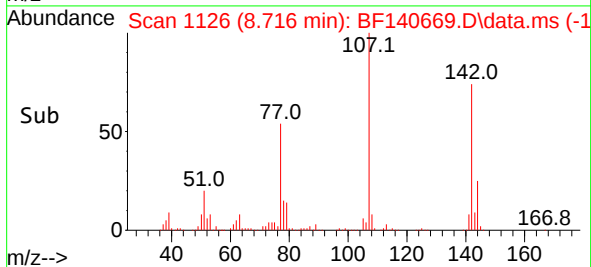
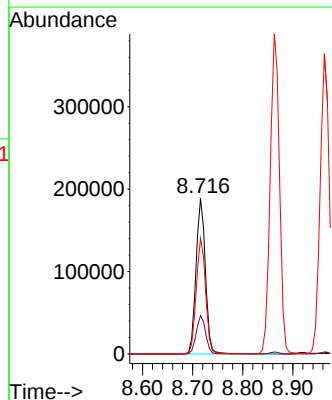
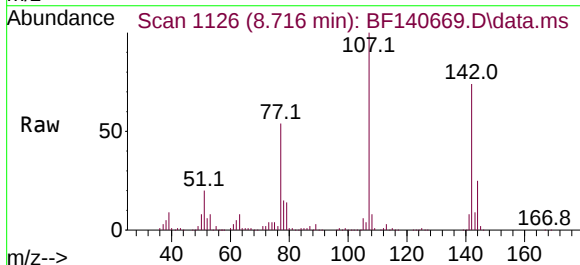
Manual Integrations
APPROVED

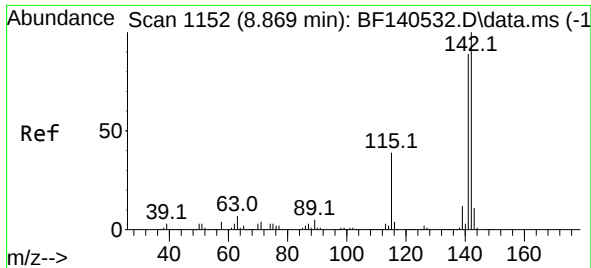
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#36
4-Chloro-3-methylphenol
Concen: 34.296 ng
RT: 8.716 min Scan# 1126
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:107 Resp: 245373
Ion Ratio Lower Upper
107 100
144 24.6 18.7 28.1
142 74.4 58.3 87.5





#37
2-Methylnaphthalene
Concen: 33.740 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

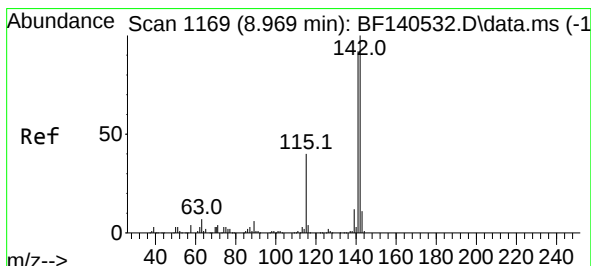
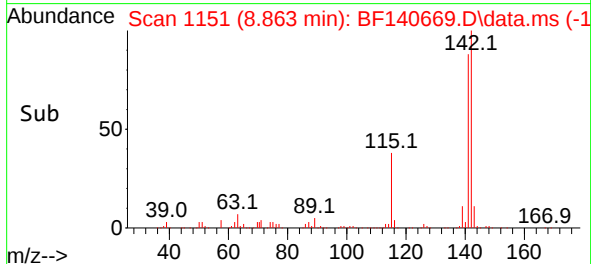
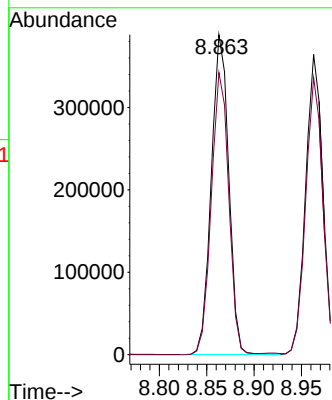
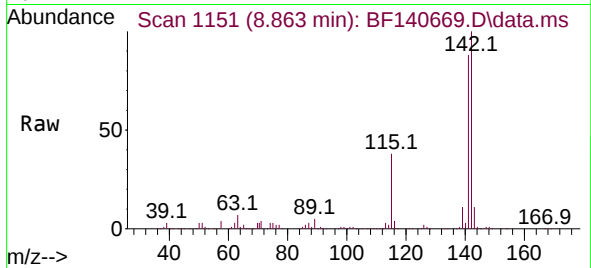
ClientSampleId :

MH-756-WCMSD

Tgt Ion:142 Resp: 49686
Ion Ratio Lower Upper
142 100
141 88.2 71.0 106.6

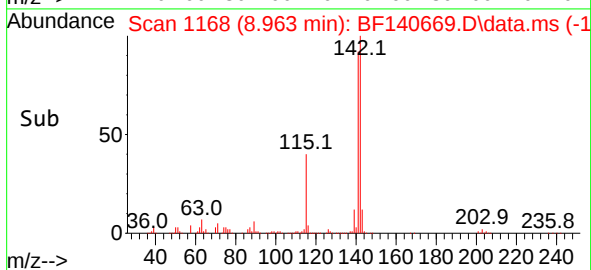
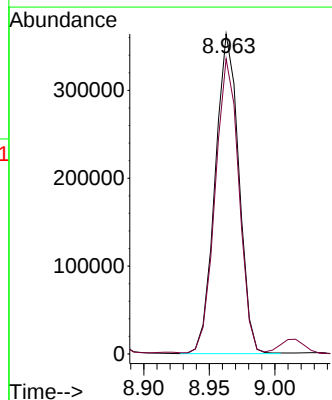
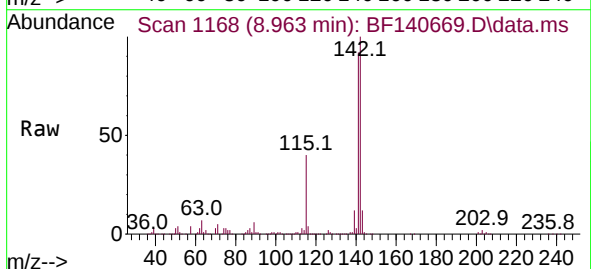
Manual Integrations
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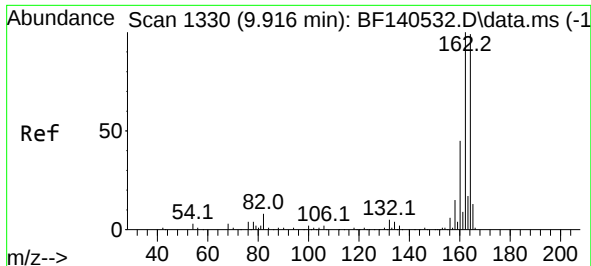
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#38
1-Methylnaphthalene
Concen: 31.636 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:142 Resp: 456656
Ion Ratio Lower Upper
142 100
141 92.3 73.3 109.9





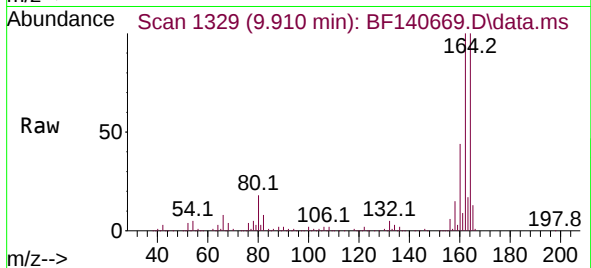
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

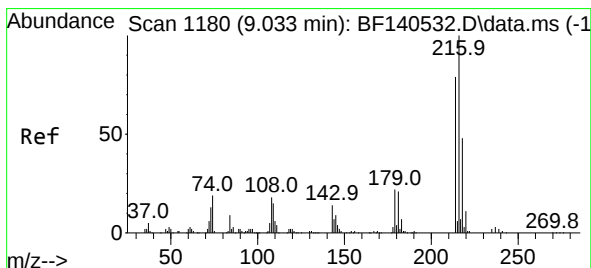
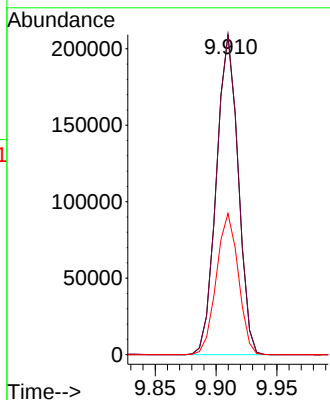
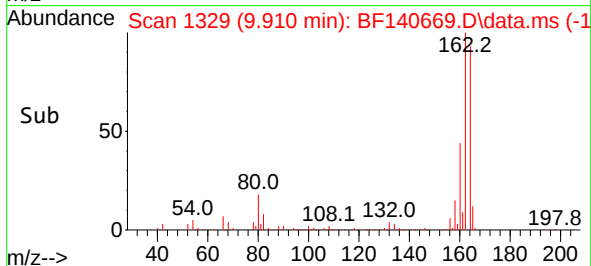
MH-756-WCMSD



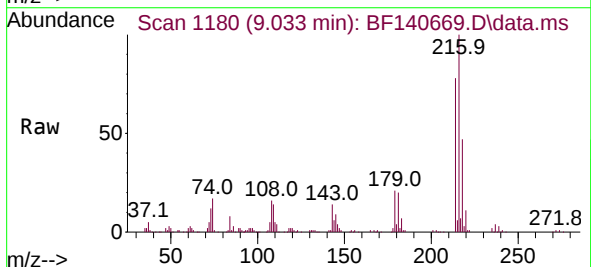
Tgt Ion:164 Resp: 260080
Ion Ratio Lower Upper
164 100
162 100.3 80.6 120.8
160 44.3 36.2 54.4

Manual Integrations
APPROVED

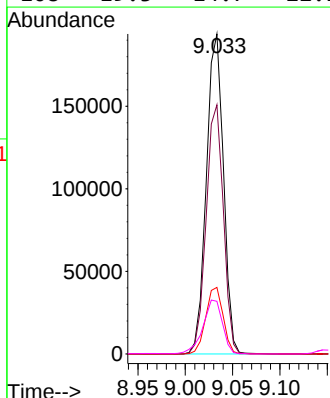
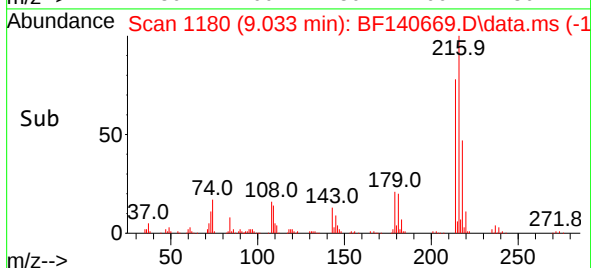
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

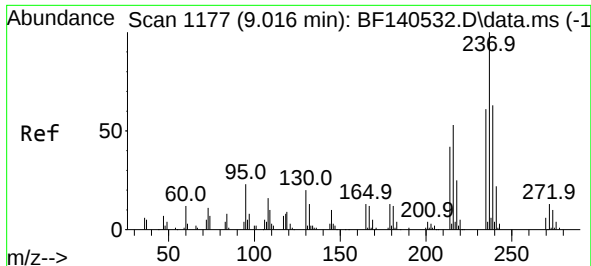


#40
1,2,4,5-Tetrachlorobenzene
Concen: 32.024 ng
RT: 9.033 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



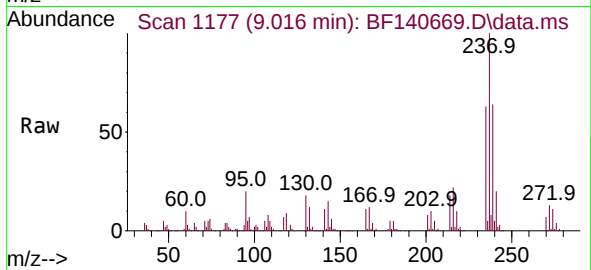
Tgt Ion:216 Resp: 243823
Ion Ratio Lower Upper
216 100
214 78.2 63.0 94.4
179 21.1 17.5 26.3
108 19.3 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 104.778 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

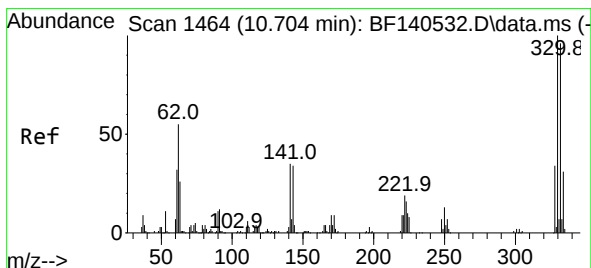
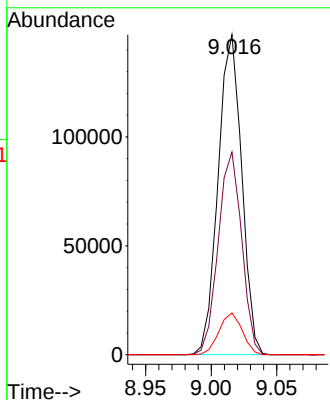
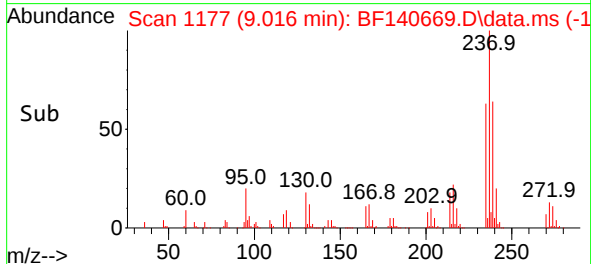
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



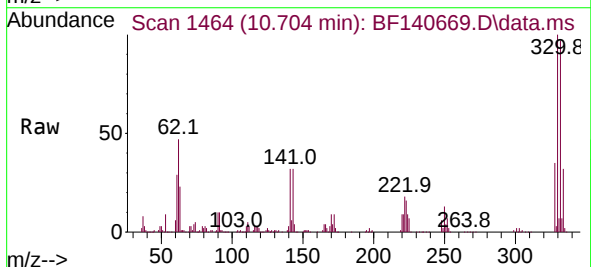
Tgt Ion:237 Resp: 18357
Ion Ratio Lower Upper
237 100
235 63.3 41.1 81.1
272 13.0 0.0 32.6

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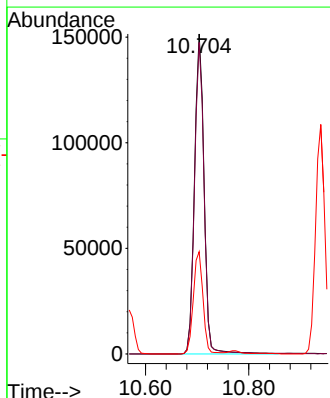
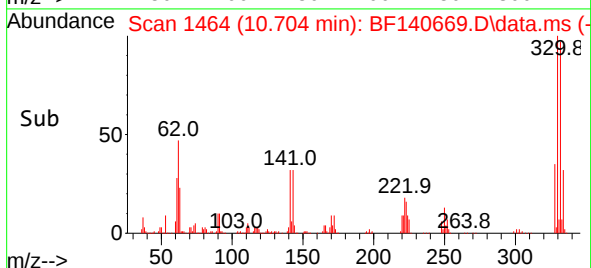
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

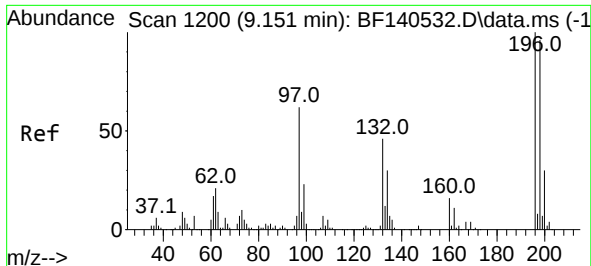


#42
2,4,6-Tribromophenol
Concen: 70.205 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:330 Resp: 195281
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 32.3 26.7 40.1





#43
2,4,6-Trichlorophenol
Concen: 32.885 ng
RT: 9.151 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

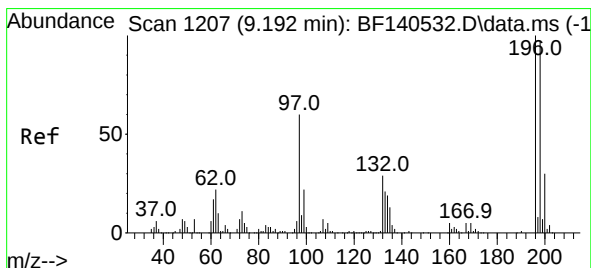
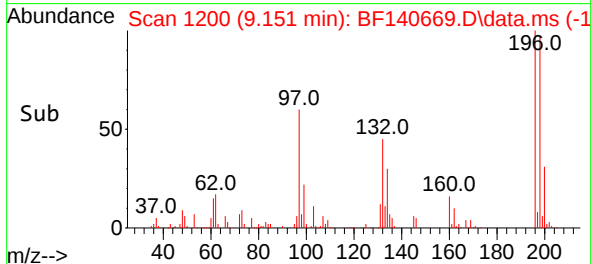
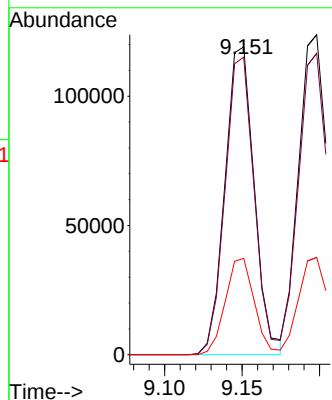
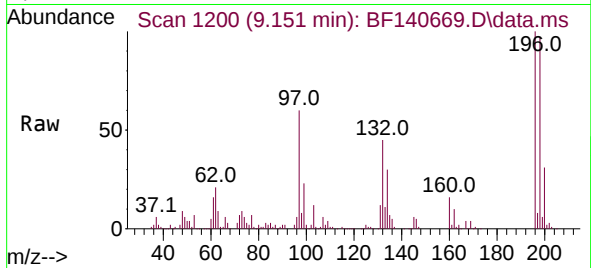
MH-756-WCMSD

Tgt Ion:196 Resp: 15711
Ion Ratio Lower Upper
196 100
198 96.7 76.8 115.2
200 31.3 24.3 36.5

Manual Integrations

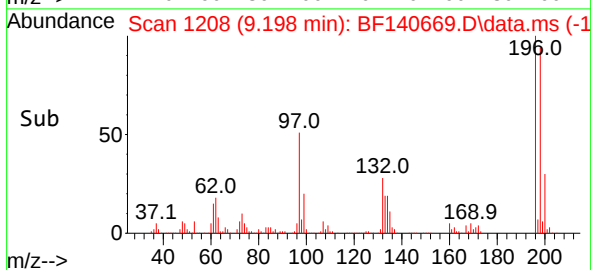
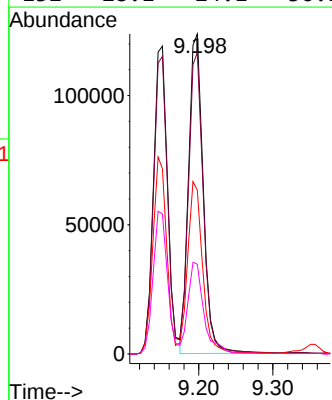
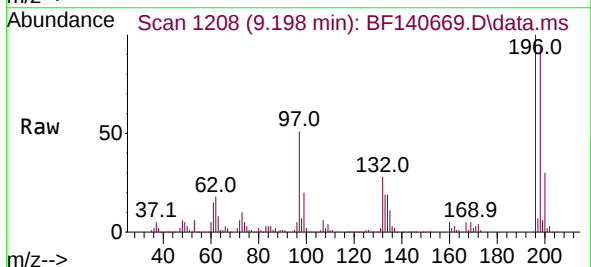
APPROVED

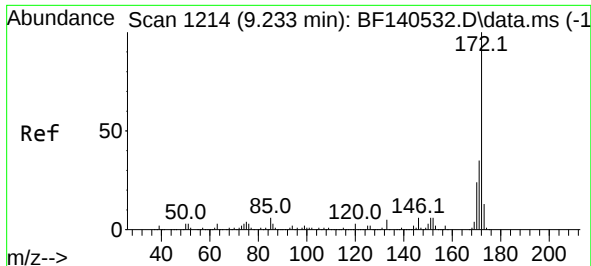
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#44
2,4,5-Trichlorophenol
Concen: 33.107 ng
RT: 9.198 min Scan# 1208
Delta R.T. 0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

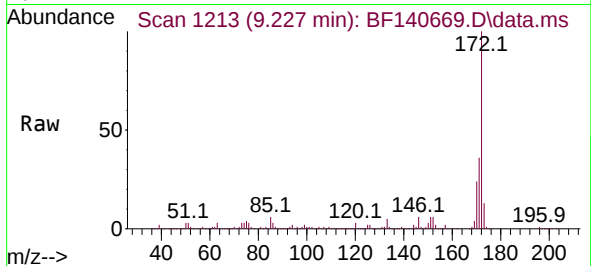
Tgt Ion:196 Resp: 171662
Ion Ratio Lower Upper
196 100
198 94.2 77.2 115.8
97 51.2 47.1 70.7
132 28.1 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 44.254 ng
RT: 9.227 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

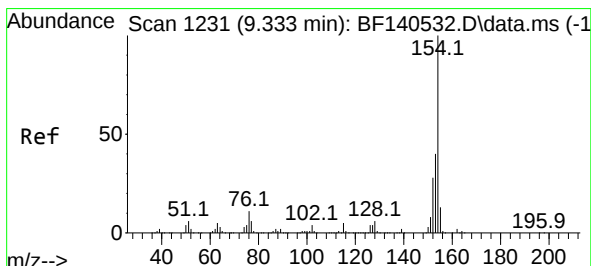
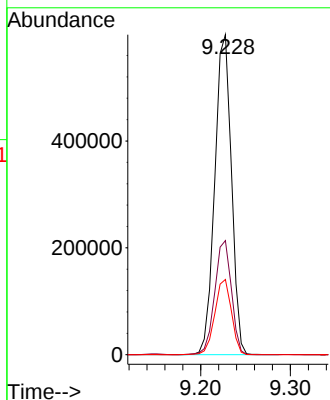
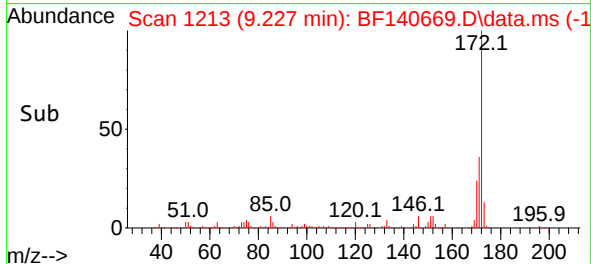
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



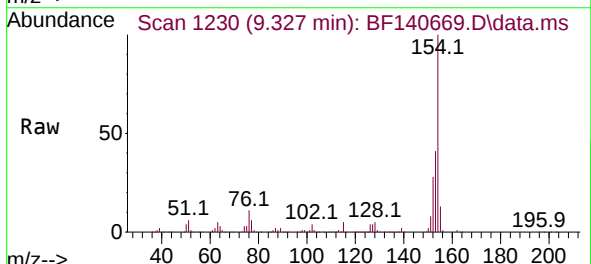
Tgt Ion:172 Resp: 772480
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.5 19.0 28.6

Manual Integrations
APPROVED

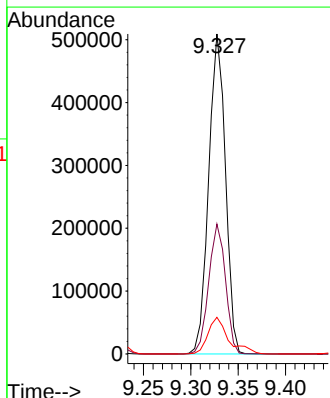
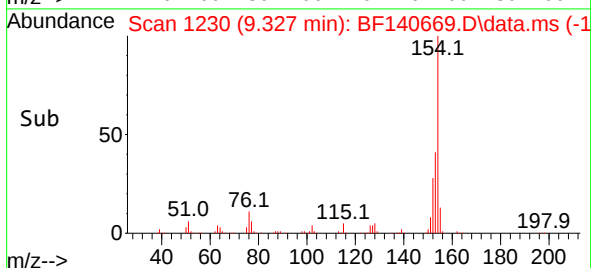
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

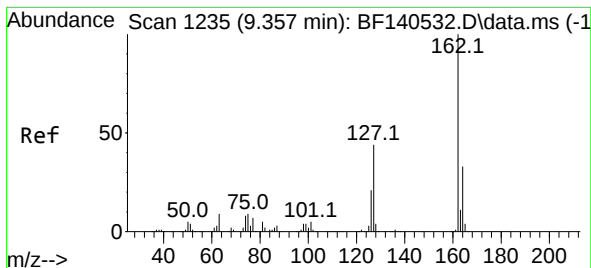


#46
1,1'-Biphenyl
Concen: 32.193 ng
RT: 9.327 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:154 Resp: 625118
Ion Ratio Lower Upper
154 100
153 40.6 20.4 60.4
76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 31.644 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

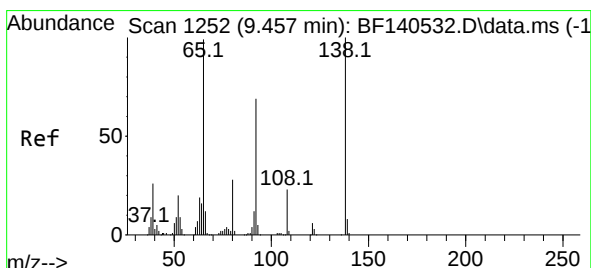
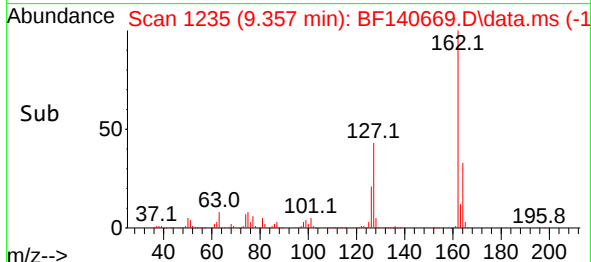
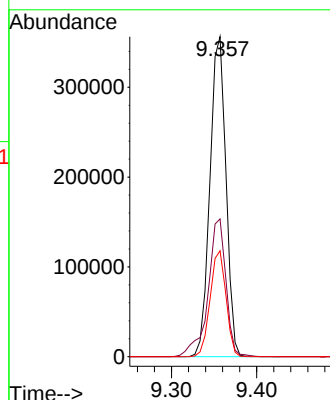
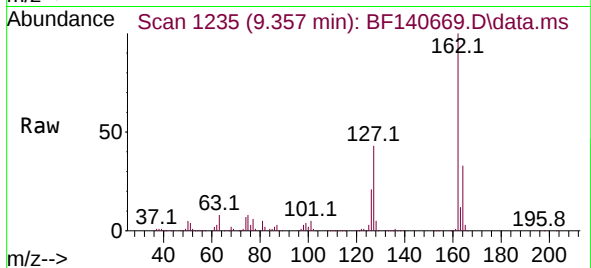
Tgt Ion:162 Resp: 46558
 Ion Ratio Lower Upper
 162 100
 127 43.1 35.7 53.5
 164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#48

2-Nitroaniline

Concen: 32.975 ng

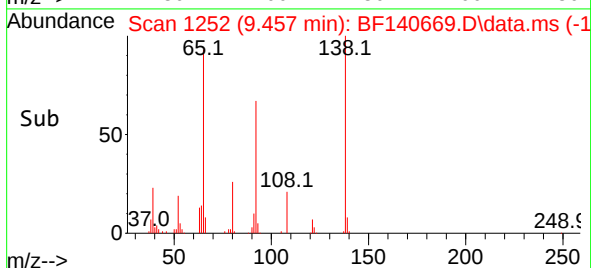
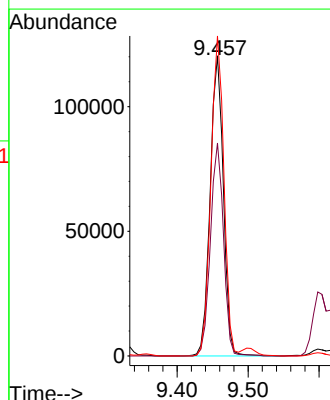
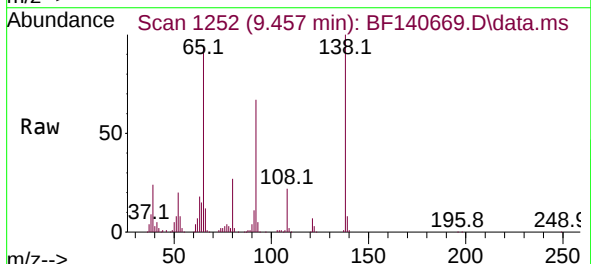
RT: 9.457 min Scan# 1252

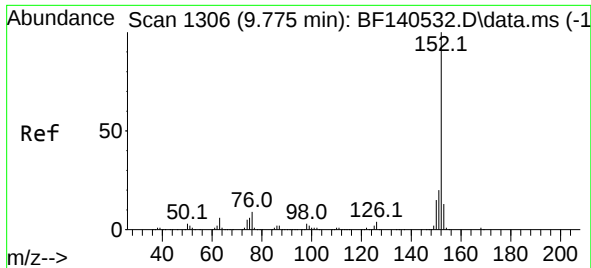
Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Tgt Ion: 65 Resp: 155729
 Ion Ratio Lower Upper
 65 100
 92 70.9 56.1 84.1
 138 106.6 81.0 121.6





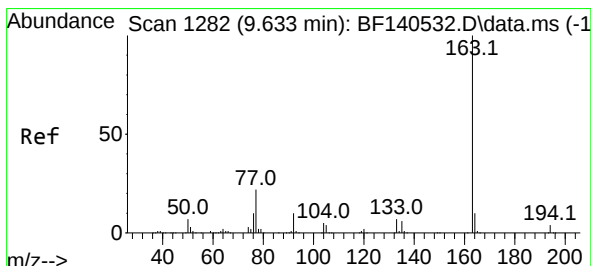
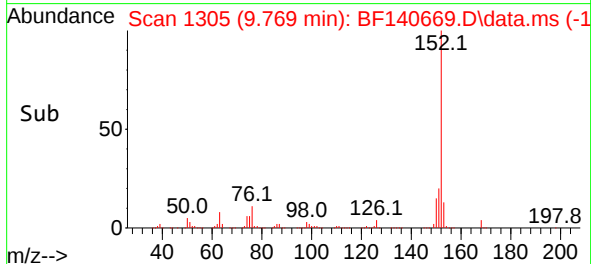
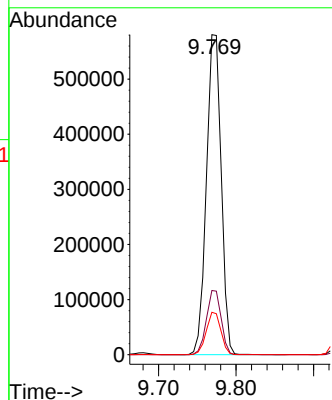
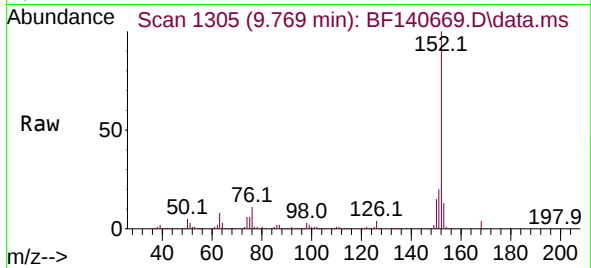
#49
Acenaphthylene
Concen: 34.615 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion:152 Resp: 769509
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.3 10.6 16.0

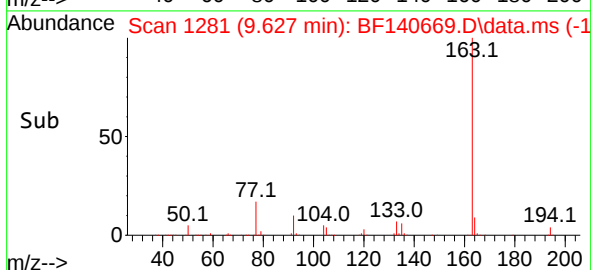
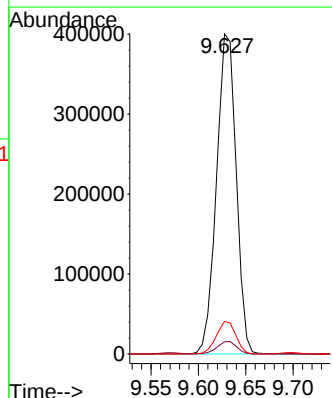
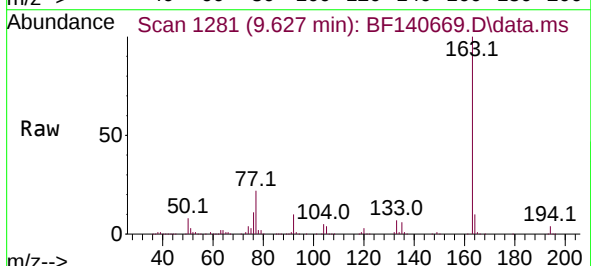
Manual Integrations
APPROVED

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



#50
Dimethylphthalate
Concen: 33.841 ng
RT: 9.627 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:163 Resp: 579653
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.2 8.2 12.2





#51

2,6-Dinitrotoluene

Concen: 32.615 ng

RT: 9.698 min Scan# 1293

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion:165 Resp: 126699

Ion Ratio Lower Upper

165 100

63 56.5 49.9 74.9

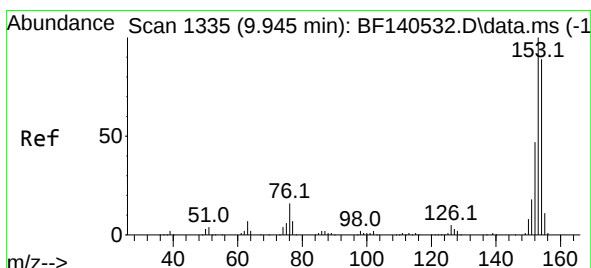
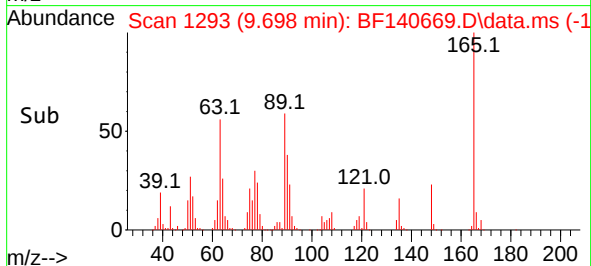
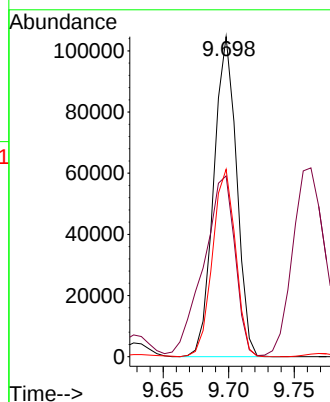
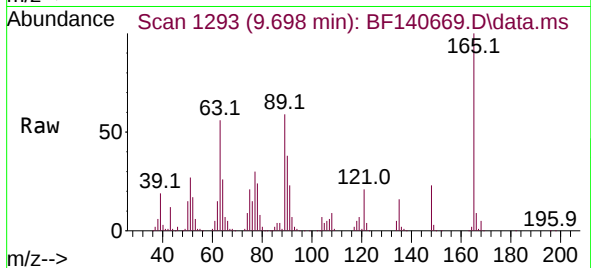
89 58.6 50.9 76.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#52

Acenaphthene

Concen: 33.133 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

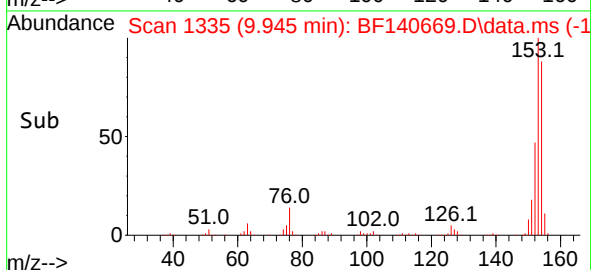
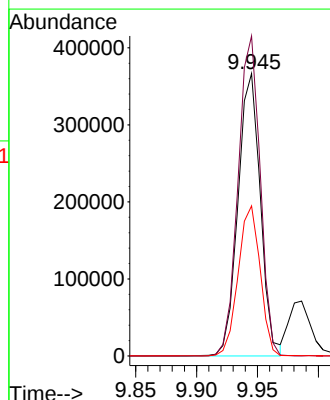
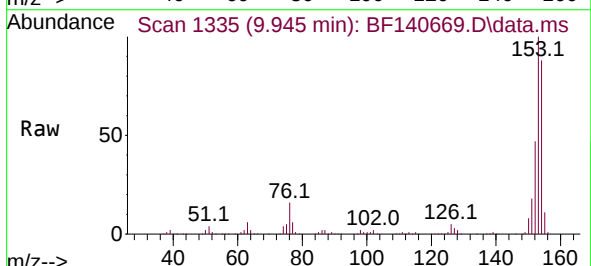
Tgt Ion:154 Resp: 468014

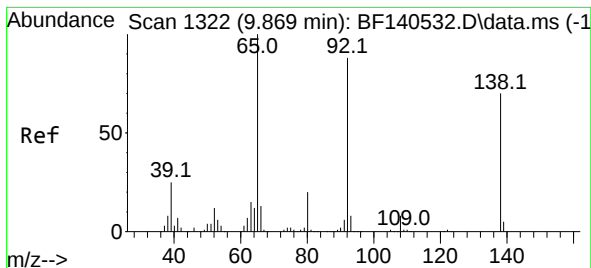
Ion Ratio Lower Upper

154 100

153 113.3 89.7 134.5

152 53.2 42.5 63.7





#53

3-Nitroaniline

Concen: 22.888 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

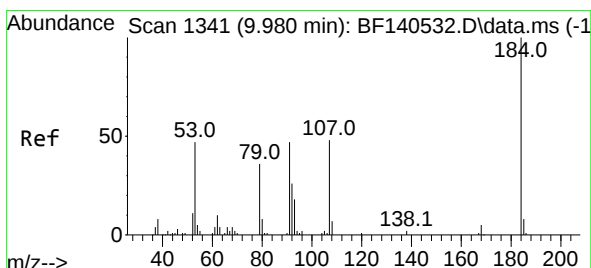
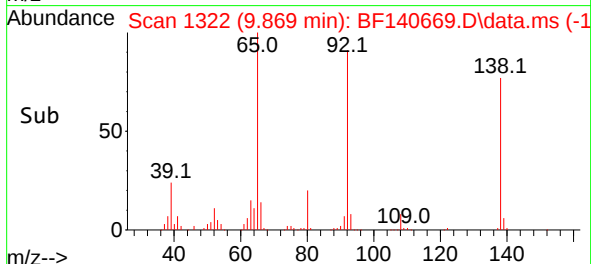
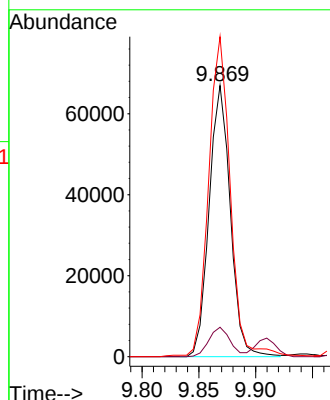
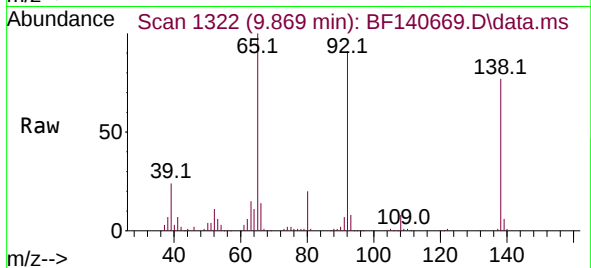
Tgt Ion:138 Resp: 86960
 Ion Ratio Lower Upper
 138 100
 108 10.9 9.2 13.8
 92 118.0 100.6 150.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#54

2,4-Dinitrophenol

Concen: 71.978 ng

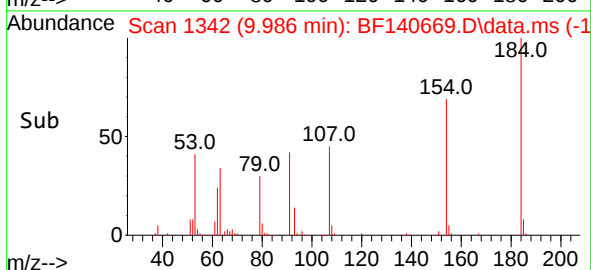
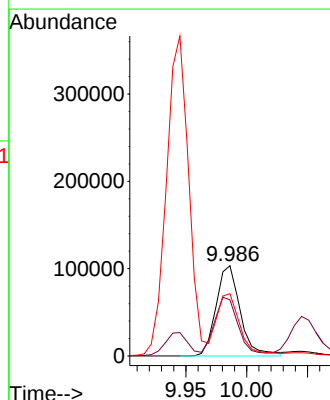
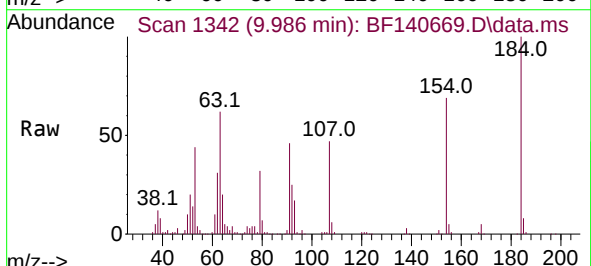
RT: 9.986 min Scan# 1342

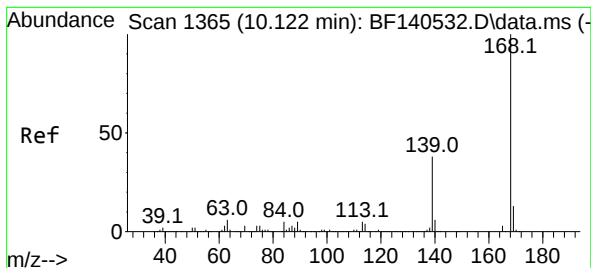
Delta R.T. 0.006 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Tgt Ion:184 Resp: 143064
 Ion Ratio Lower Upper
 184 100
 63 62.4 54.1 81.1
 154 68.9 57.4 86.0





#55

Dibenzenofuran

Concen: 33.153 ng

RT: 10.116 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion:168 Resp: 71429

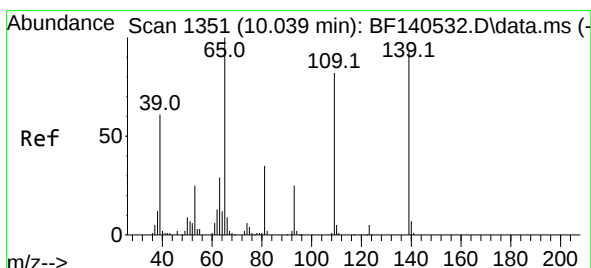
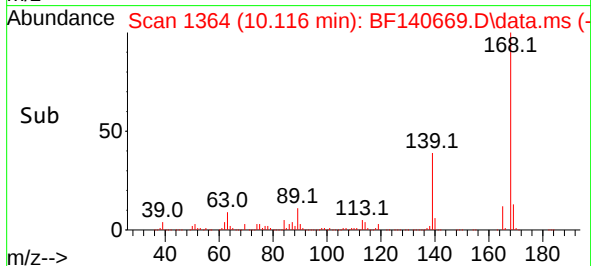
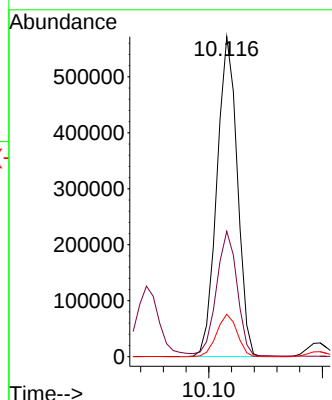
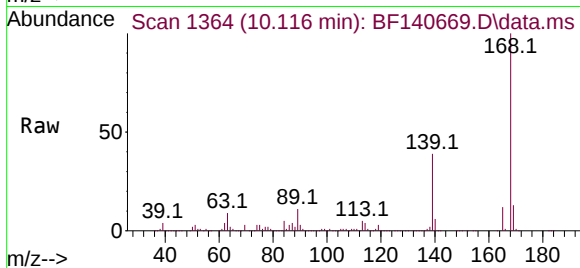
Ion	Ratio	Lower	Upper
168	100		
139	39.2	31.3	46.9
169	13.3	10.5	15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#56

4-Nitrophenol

Concen: 68.203 ng

RT: 10.045 min Scan# 1352

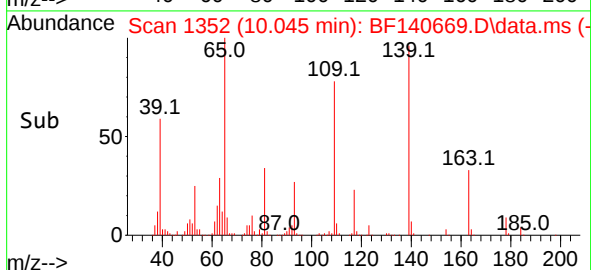
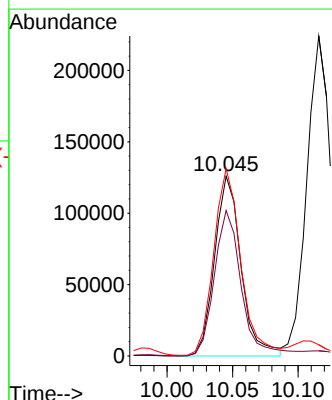
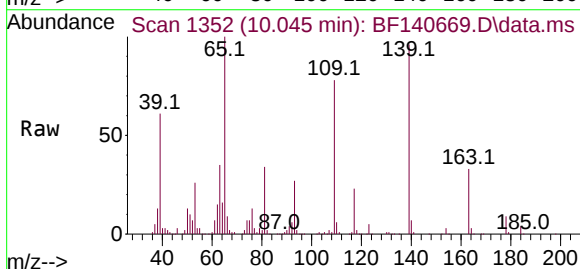
Delta R.T. 0.006 min

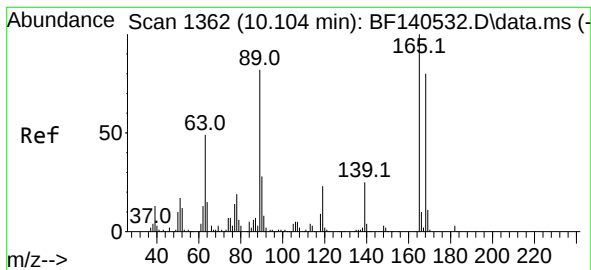
Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Tgt Ion:139 Resp: 176728

Ion	Ratio	Lower	Upper
139	100		
109	80.8	68.4	108.4
65	104.1	88.6	128.6





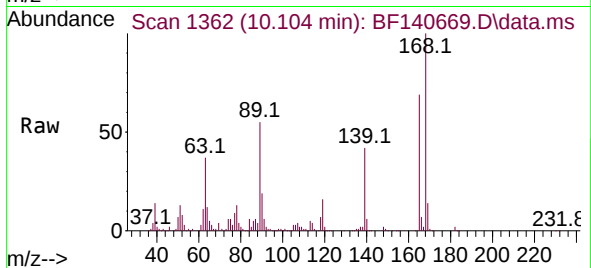
#57
2,4-Dinitrotoluene
Concen: 33.499 ng
RT: 10.104 min Scan# 1362
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

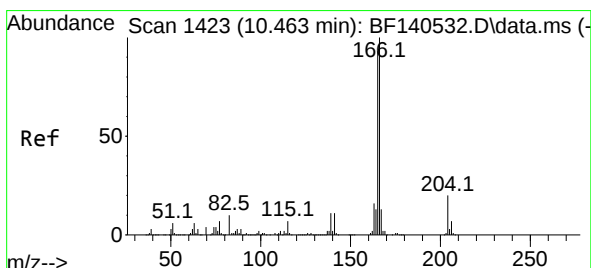
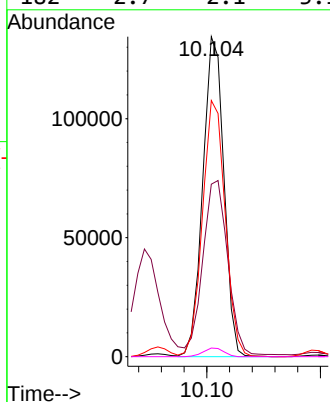
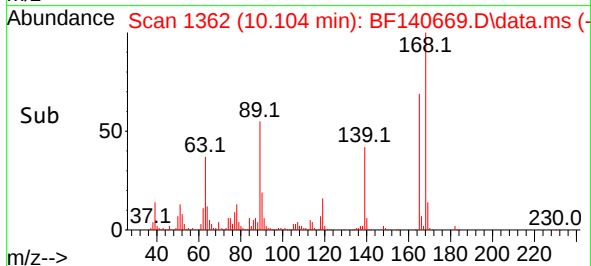


Tgt Ion:165 Resp: 17295
Ion Ratio Lower Upper
165 100
63 53.9 41.7 62.5
89 80.0 65.8 98.8
182 2.7 2.1 3.1

Manual Integrations

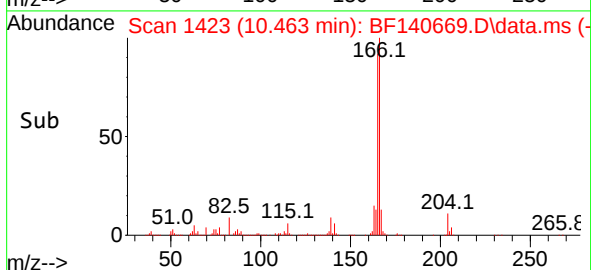
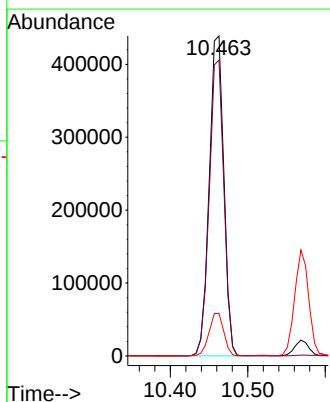
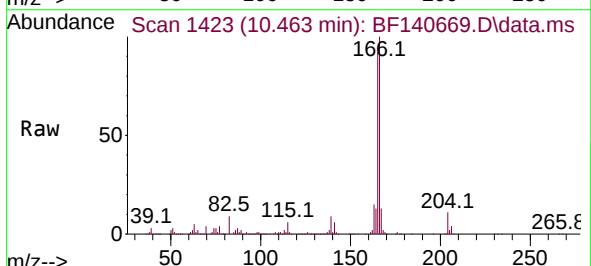
APPROVED

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



#58
Fluorene
Concen: 33.284 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

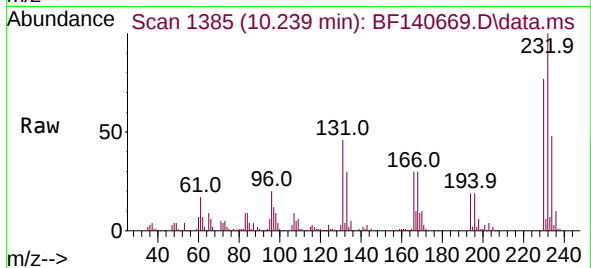
Tgt Ion:166 Resp: 575613
Ion Ratio Lower Upper
166 100
165 92.5 74.6 111.8
167 13.3 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.764 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

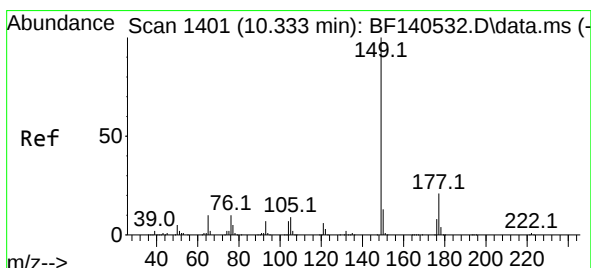
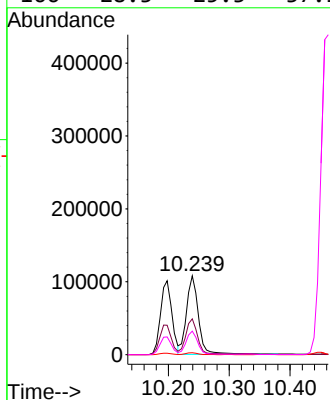
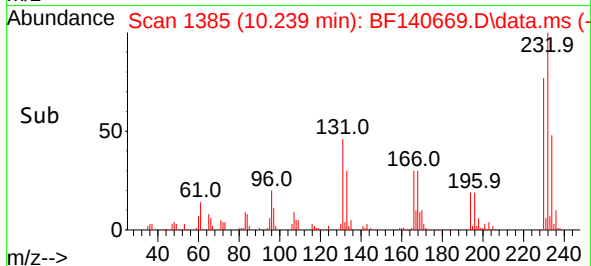
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:232 Resp: 146501
Ion Ratio Lower Upper
232 100
131 45.7 39.6 59.4
130 2.6 1.9 2.9
166 28.3 25.3 37.9

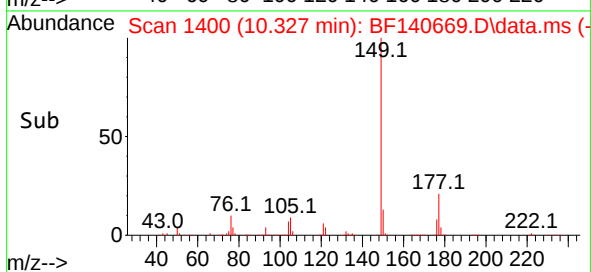
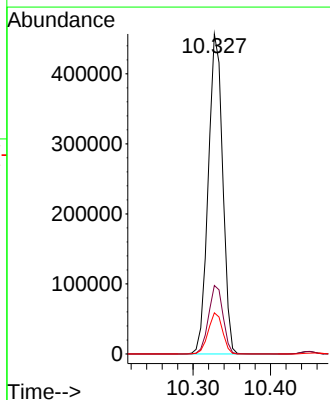
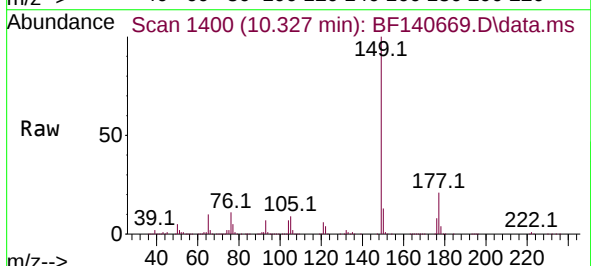
Manual Integrations
APPROVED

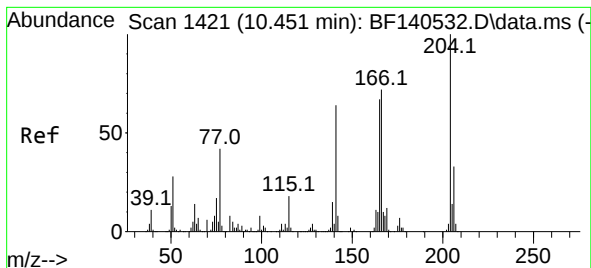
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#60
Diethylphthalate
Concen: 33.917 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

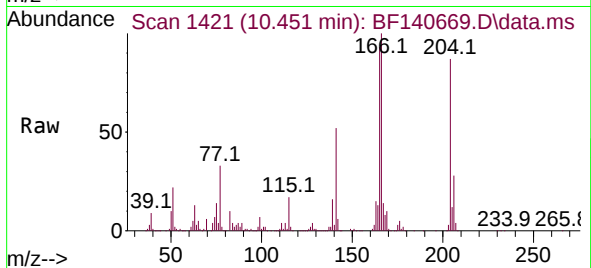
Tgt Ion:149 Resp: 590256
Ion Ratio Lower Upper
149 100
177 21.4 17.1 25.7
150 12.8 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 33.475 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

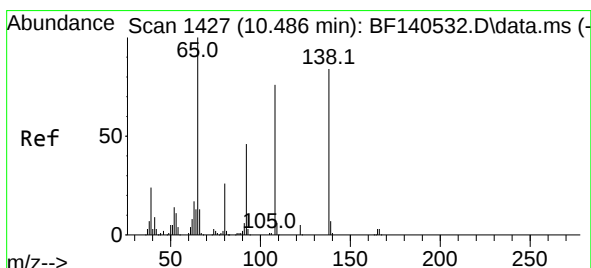
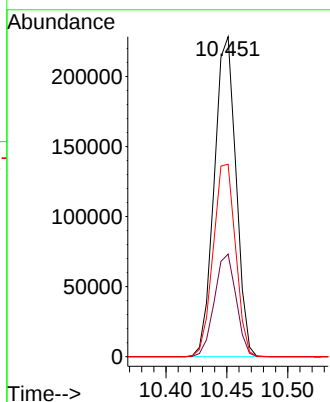
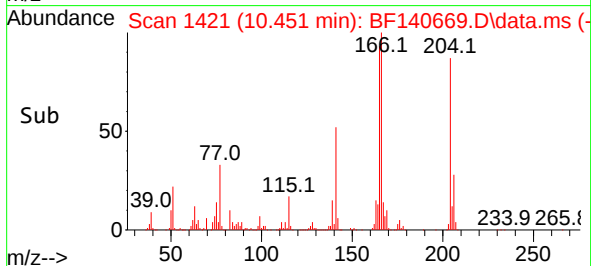
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



Tgt Ion:204 Resp: 284100
Ion Ratio Lower Upper
204 100
206 32.0 26.6 40.0
141 60.1 51.1 76.7

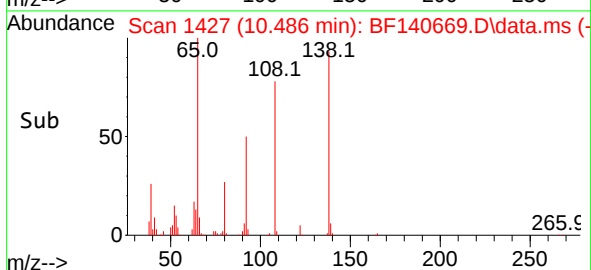
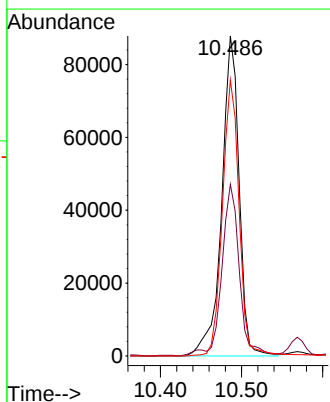
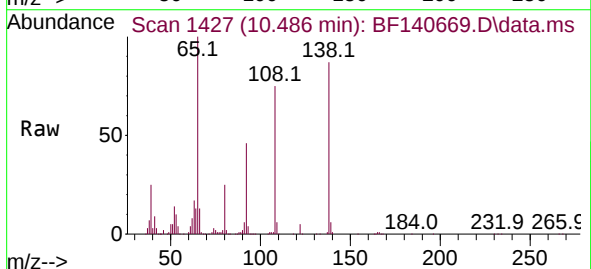
Manual Integrations
APPROVED

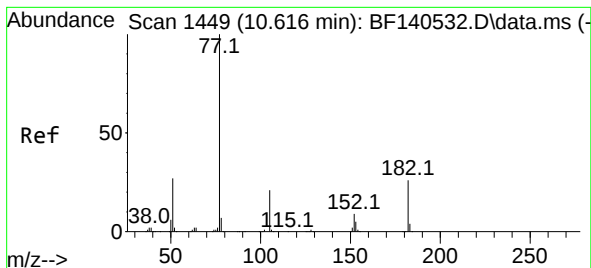
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#62
4-Nitroaniline
Concen: 32.916 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

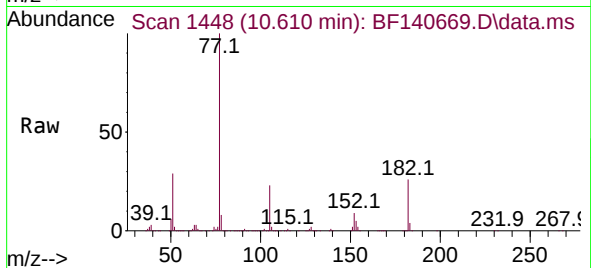
Tgt Ion:138 Resp: 131168
Ion Ratio Lower Upper
138 100
92 53.7 34.5 74.5
108 86.3 70.6 110.6





#63
Azobenzene
Concen: 35.882 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

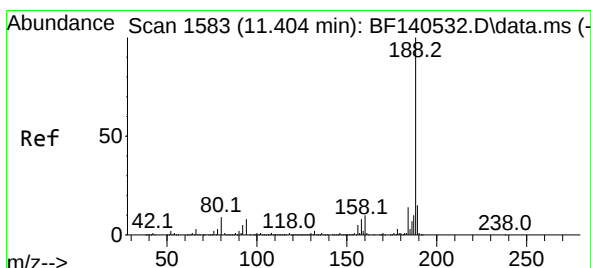
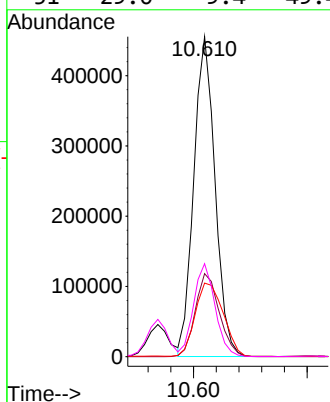
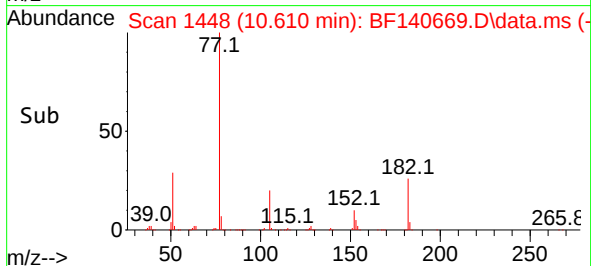
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



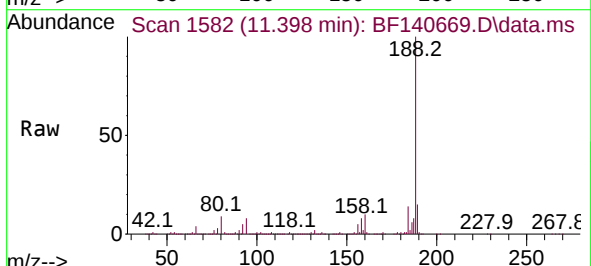
Tgt Ion: 77 Resp: 591360
Ion Ratio Lower Upper
77 100
182 26.0 5.3 45.3
105 23.0 0.3 40.3
51 29.0 9.4 49.4

Manual Integrations
APPROVED

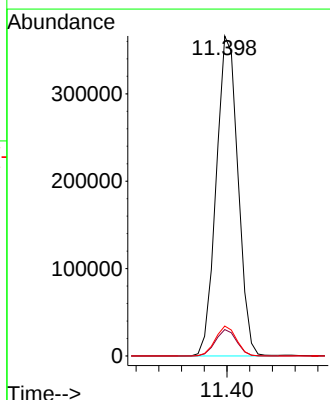
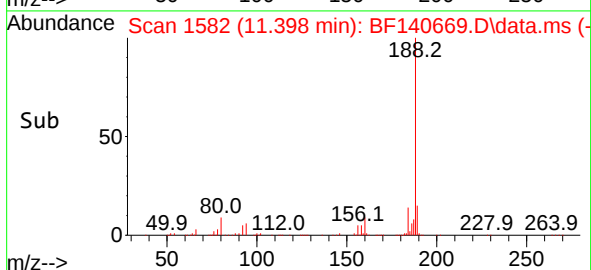
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

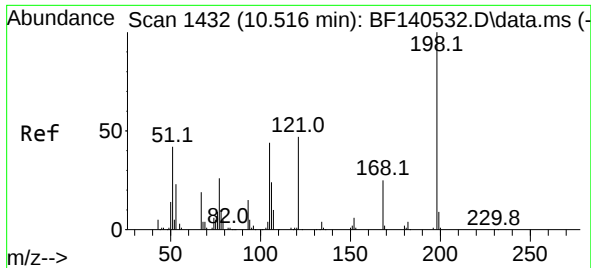


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:188 Resp: 487119
Ion Ratio Lower Upper
188 100
94 8.3 6.4 9.6
80 9.3 6.9 10.3





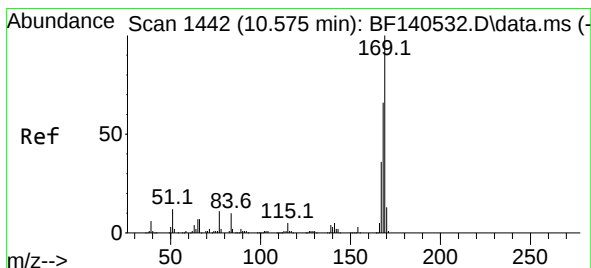
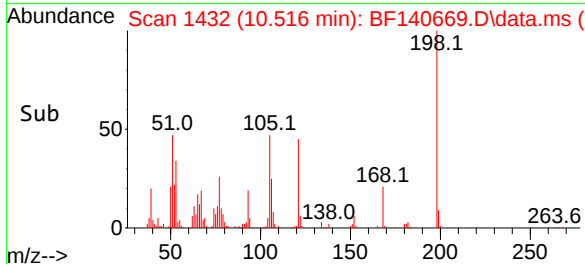
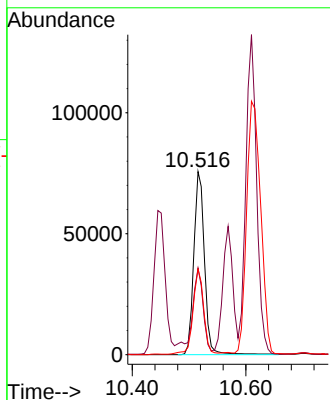
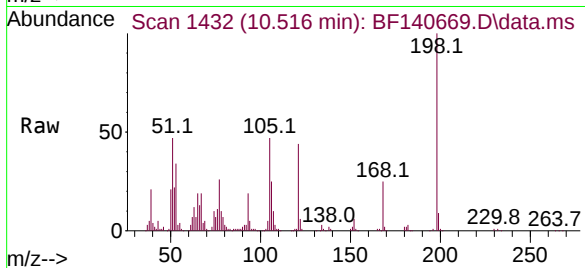
#65
4,6-Dinitro-2-methylphenol
Concen: 39.997 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion:198 Resp: 9956
Ion Ratio Lower Upper
198 100
51 47.2 29.4 69.4
105 46.8 25.4 65.4

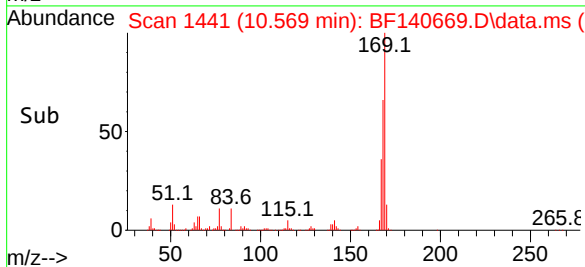
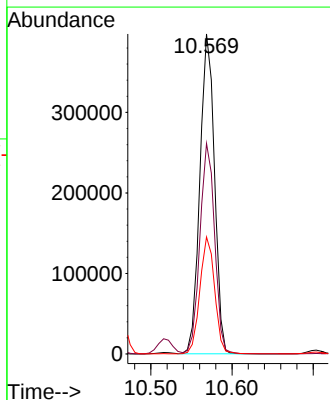
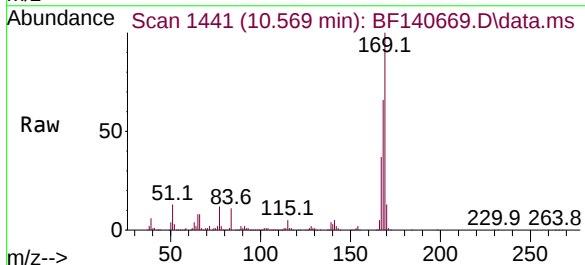
Manual Integrations
APPROVED

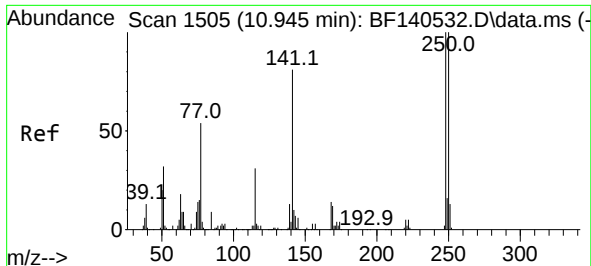
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#66
n-Nitrosodiphenylamine
Concen: 34.381 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:169 Resp: 495265
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.5 29.0 43.6





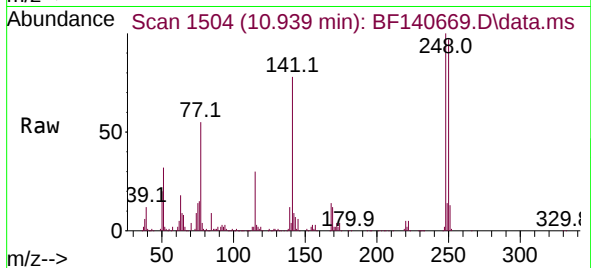
#67
4-Bromophenyl-phenylether
Concen: 33.891 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



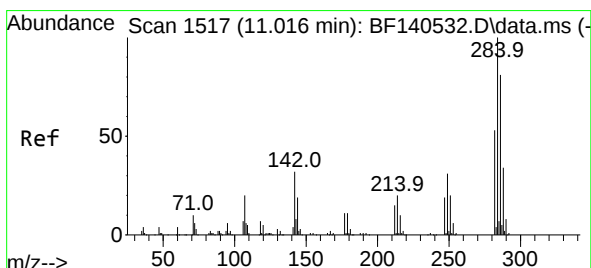
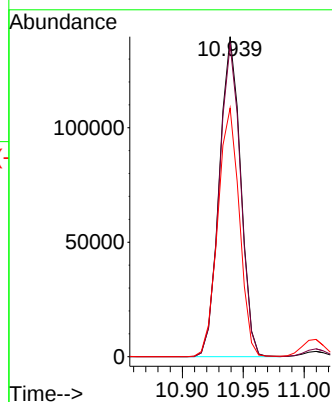
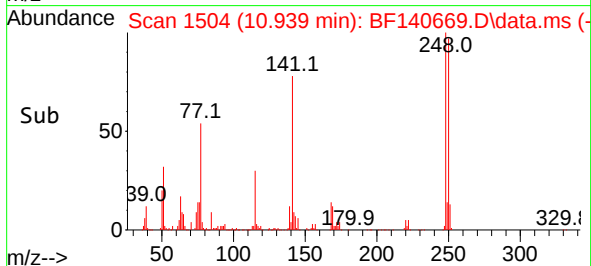
Tgt Ion:248 Resp: 170010
Ion Ratio Lower Upper
248 100
250 97.5 79.8 119.8
141 77.7 64.7 97.1

Manual Integrations

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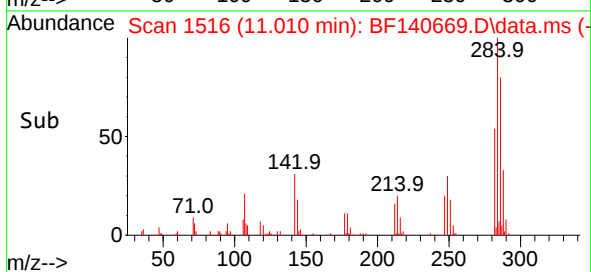
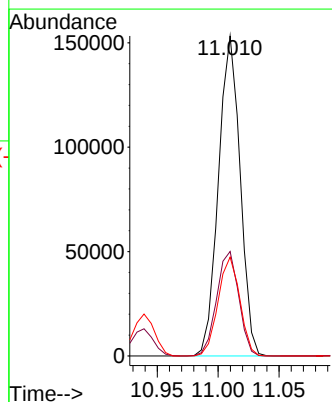
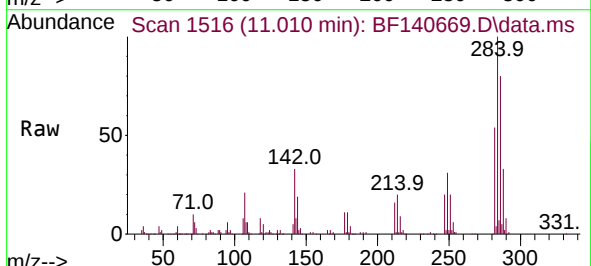
Reviewed By :Yogesh Patel 11/29/2024

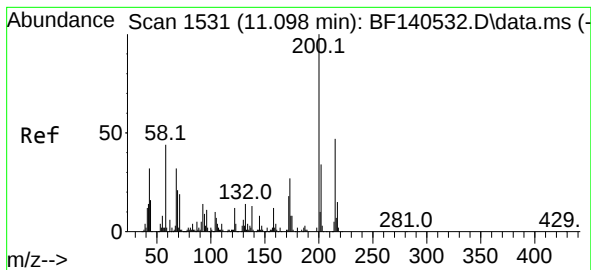
Supervised By :mohammad ahmed 11/29/2024



#68
Hexachlorobenzene
Concen: 32.673 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:284 Resp: 189786
Ion Ratio Lower Upper
284 100
142 32.6 25.3 37.9
249 30.9 24.8 37.2





#69

Atrazine

Concen: 40.417 ng

RT: 11.098 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion:200 Resp: 163790

Ion Ratio Lower Upper

200 100

173 26.6 7.0 47.0

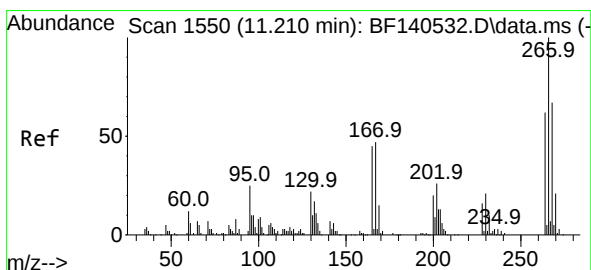
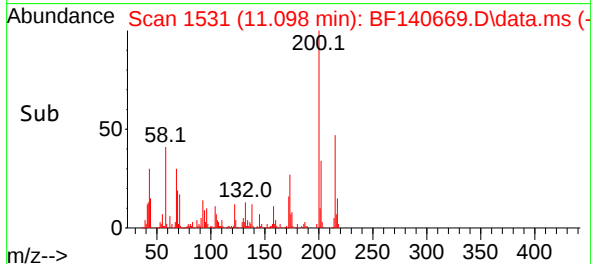
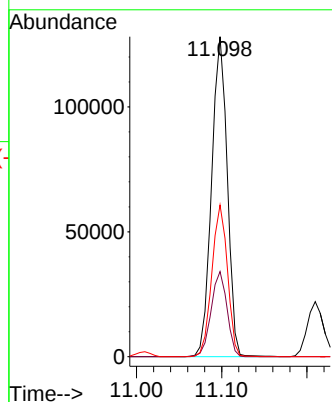
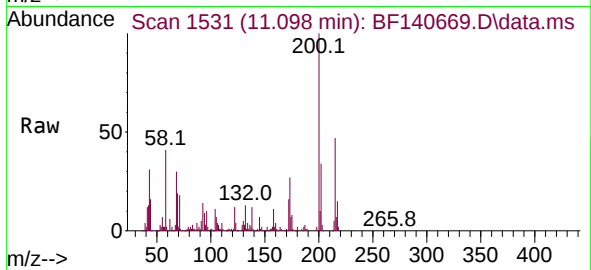
215 47.4 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#70

Pentachlorophenol

Concen: 65.867 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

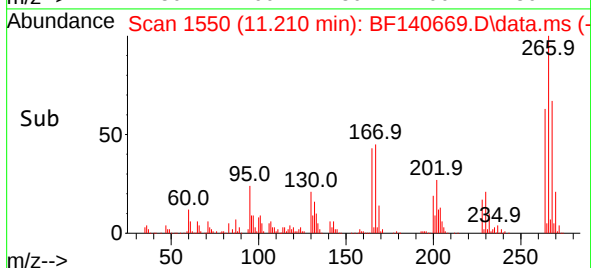
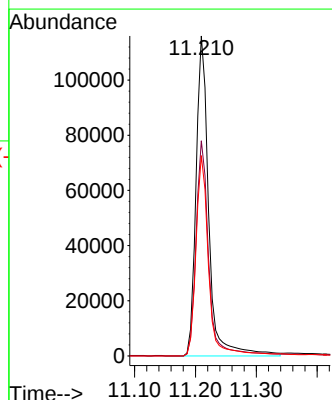
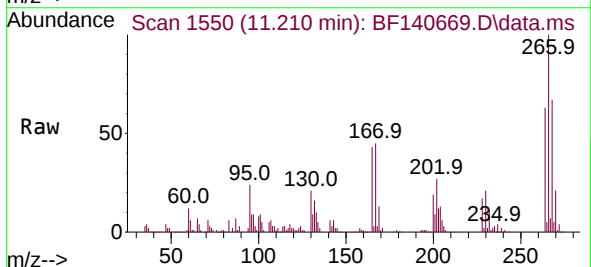
Tgt Ion:266 Resp: 168393

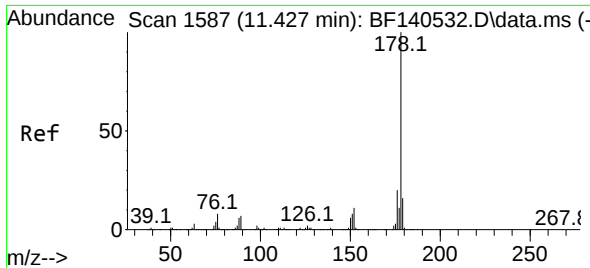
Ion Ratio Lower Upper

266 100

268 67.3 53.7 80.5

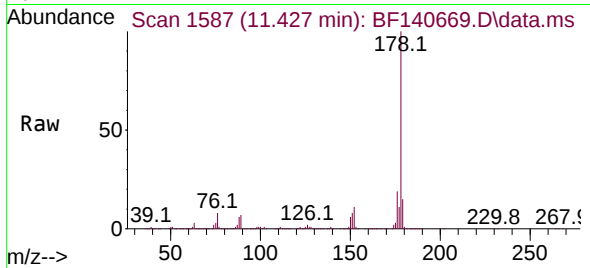
264 62.6 49.8 74.8





#71
Phenanthrene
Concen: 33.685 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

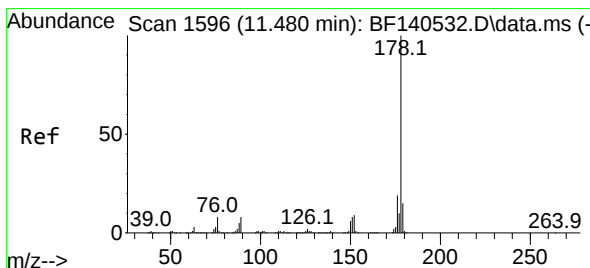
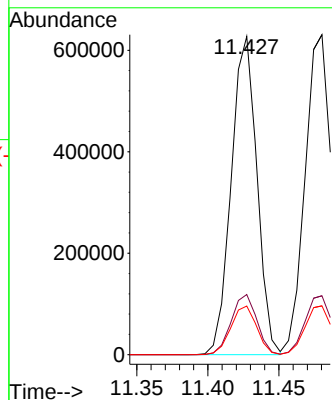
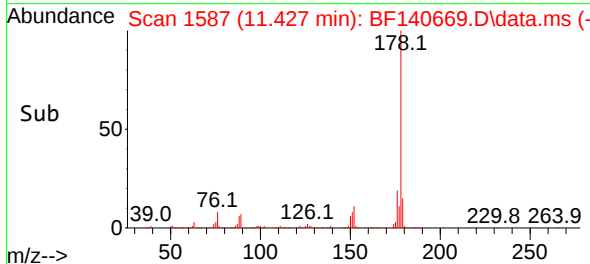
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



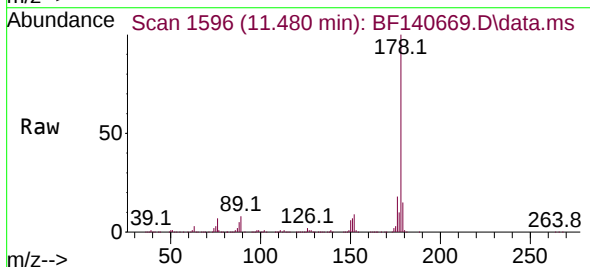
Tgt Ion:178 Resp: 788750
Ion Ratio Lower Upper
178 100
176 18.9 15.8 23.6
179 15.3 12.4 18.6

Manual Integrations
APPROVED

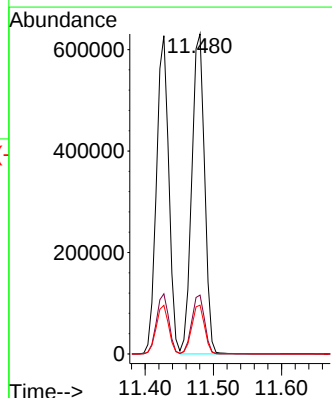
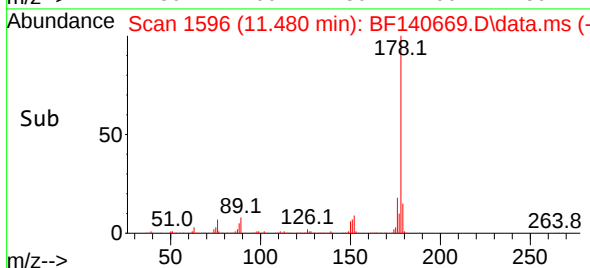
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

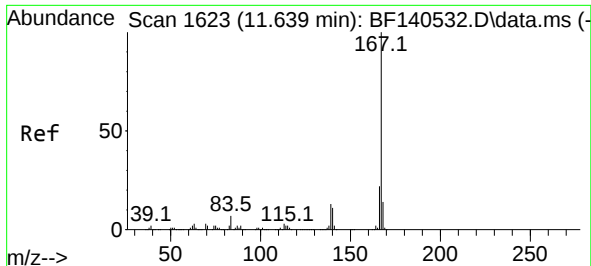


#72
Anthracene
Concen: 35.681 ng
RT: 11.480 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



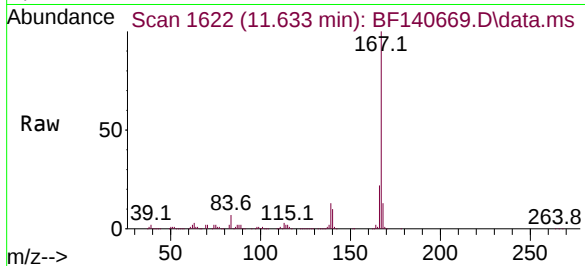
Tgt Ion:178 Resp: 817271
Ion Ratio Lower Upper
178 100
176 18.4 15.0 22.4
179 15.2 12.2 18.4





#73
Carbazole
Concen: 32.889 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

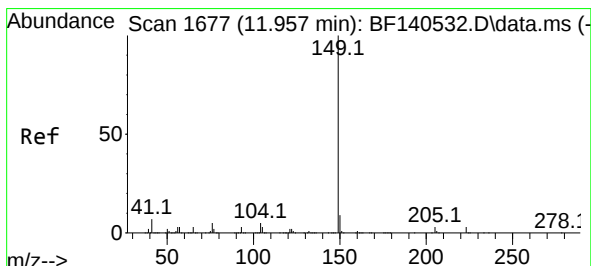
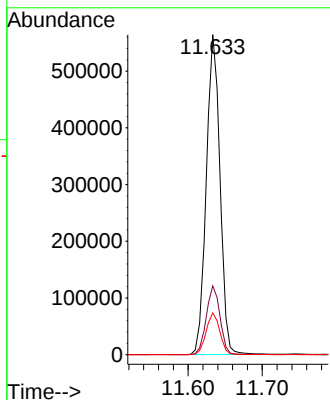
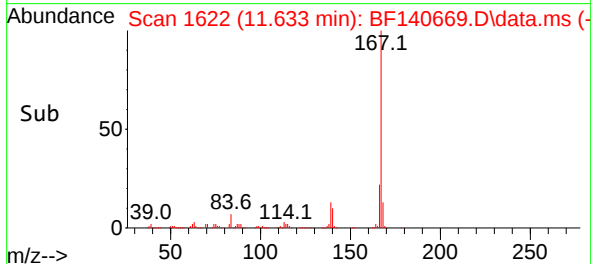
Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD



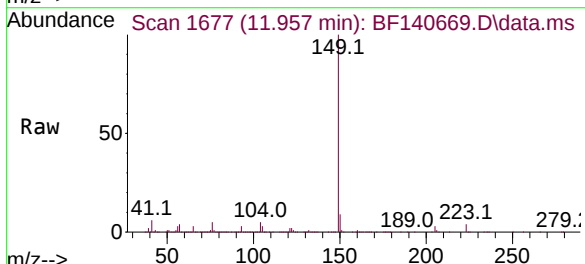
Tgt Ion:167 Resp: 724700
Ion Ratio Lower Upper
167 100
166 21.5 17.2 25.8
139 13.1 10.6 15.8

Manual Integrations
APPROVED

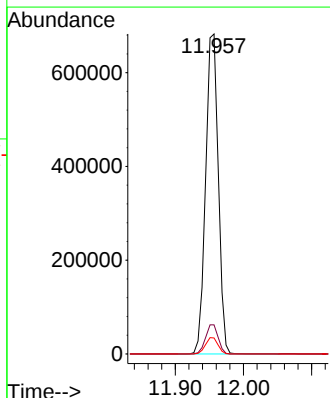
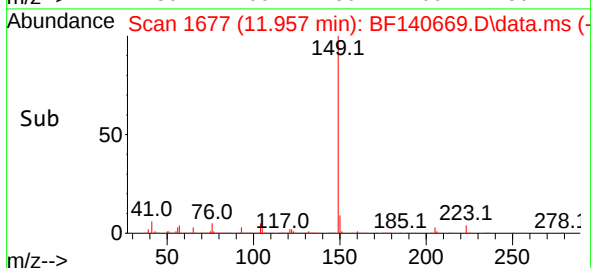
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

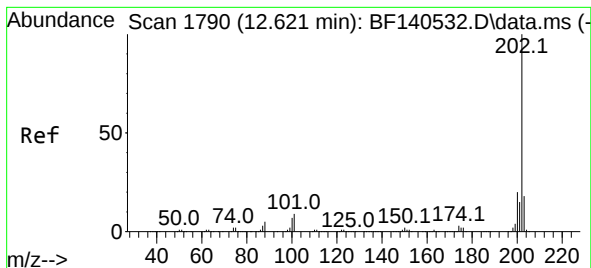


#74
Di-n-butylphthalate
Concen: 34.653 ng
RT: 11.957 min Scan# 1677
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:149 Resp: 881535
Ion Ratio Lower Upper
149 100
150 9.1 7.5 11.3
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 30.641 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

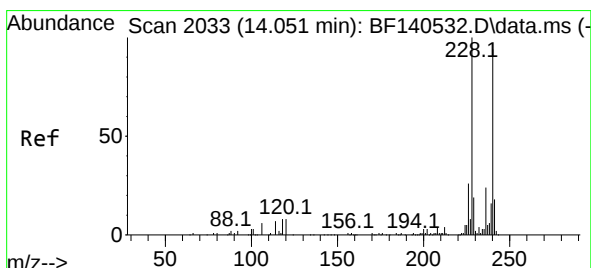
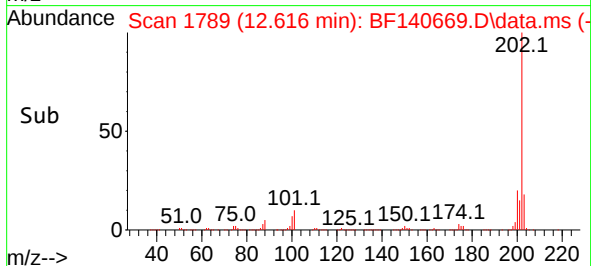
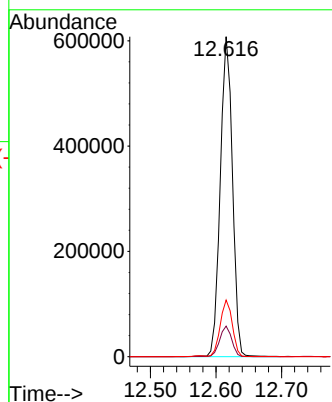
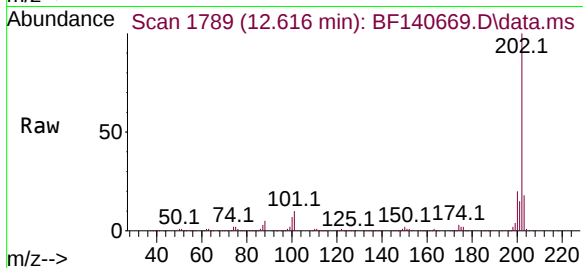
MH-756-WCMSD

Tgt Ion:202 Resp: 77899
Ion Ratio Lower Upper
202 100
101 9.5 0.0 28.9
203 17.7 0.0 37.6

Manual Integrations

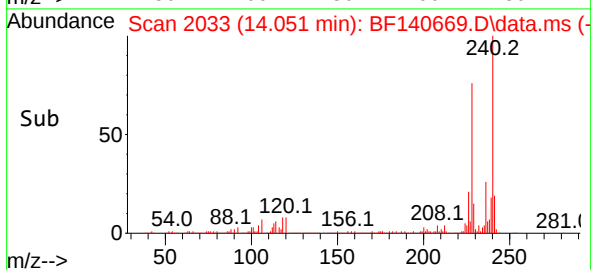
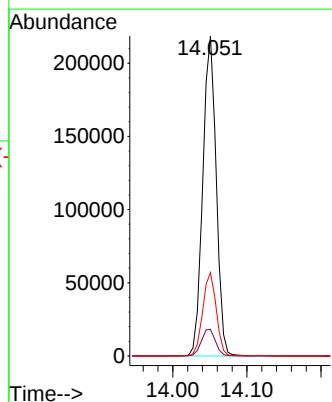
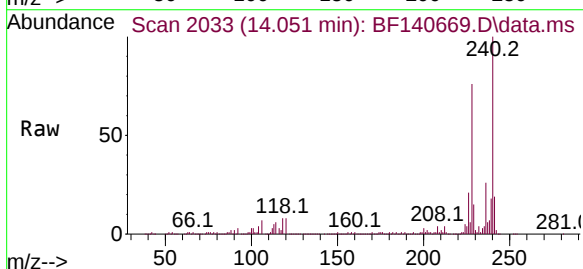
APPROVED

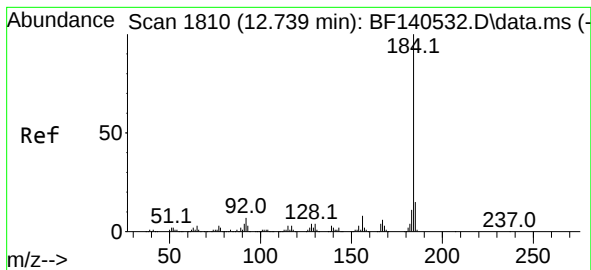
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:240 Resp: 274915
Ion Ratio Lower Upper
240 100
120 8.4 7.3 10.9
236 26.1 20.6 31.0





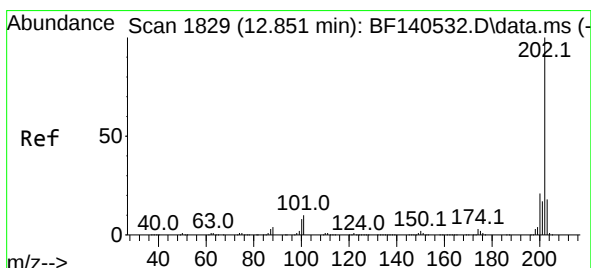
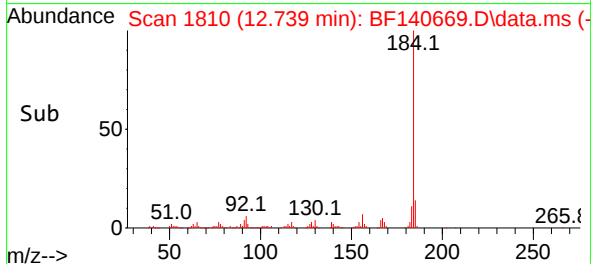
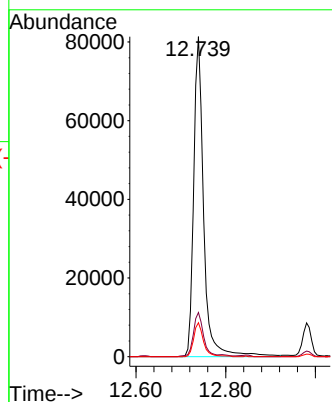
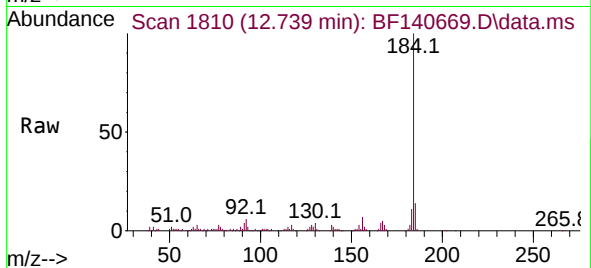
#77
Benzidine
Concen: 15.730 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :
BNA_F
ClientSampleId :
MH-756-WCMSD

Tgt Ion:184 Resp: 12573
Ion Ratio Lower Upper
184 100
185 13.8 11.7 17.5
183 10.6 8.8 13.2

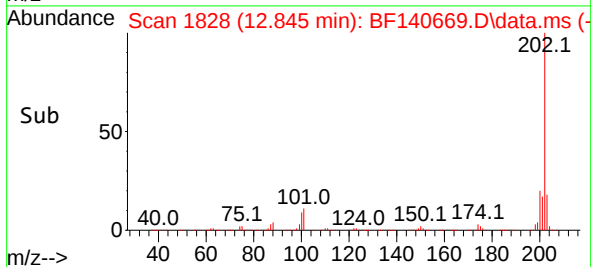
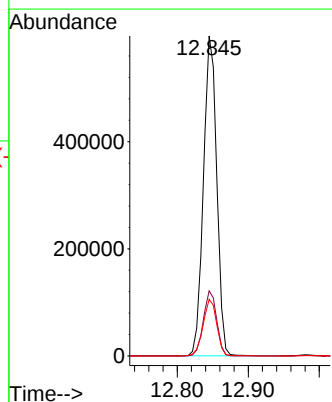
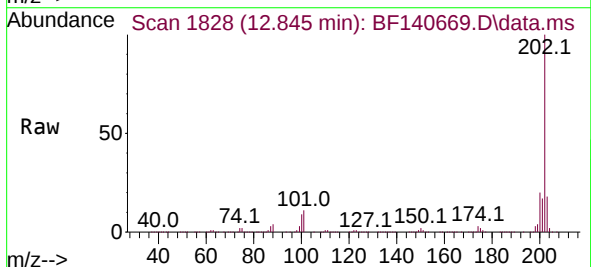
Manual Integrations
APPROVED

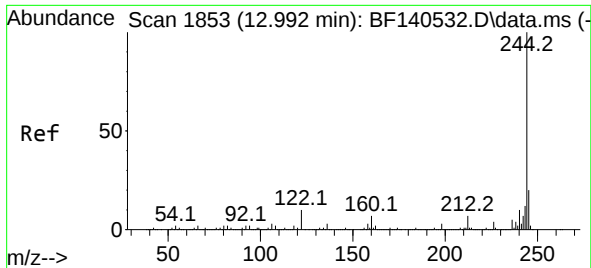
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#78
Pyrene
Concen: 30.654 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:202 Resp: 779214
Ion Ratio Lower Upper
202 100
200 20.3 16.5 24.7
203 17.7 14.2 21.4





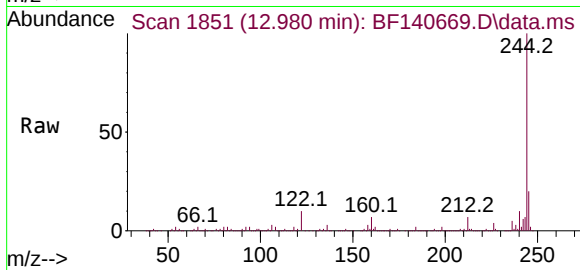
#79
 Terphenyl-d14
 Concen: 41.446 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140669.D
 Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

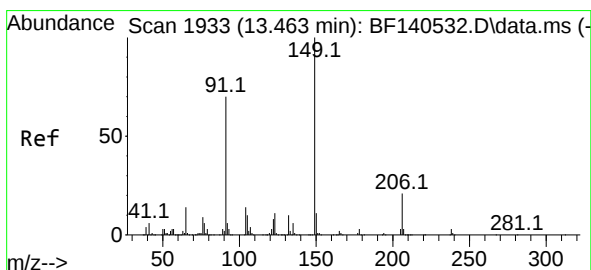
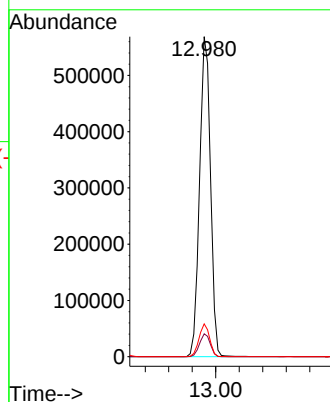
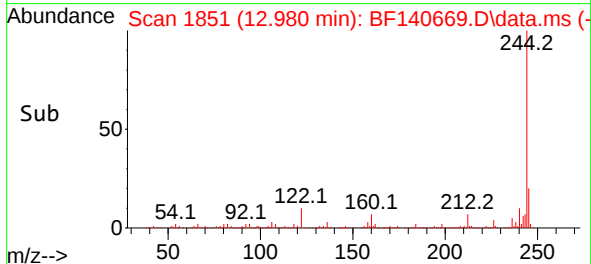


Tgt Ion:244 Resp: 731732
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.2 8.0 12.0

Manual Integrations

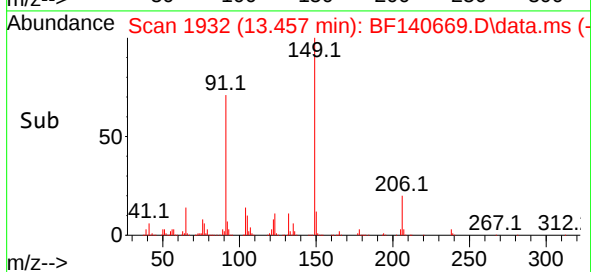
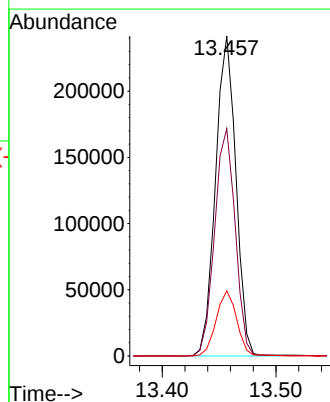
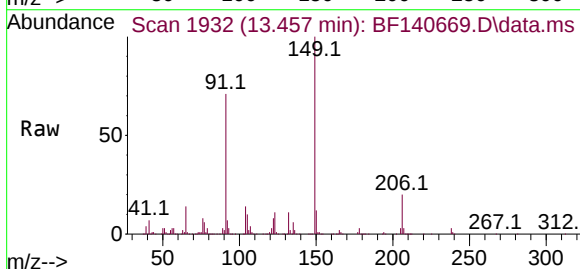
APPROVED

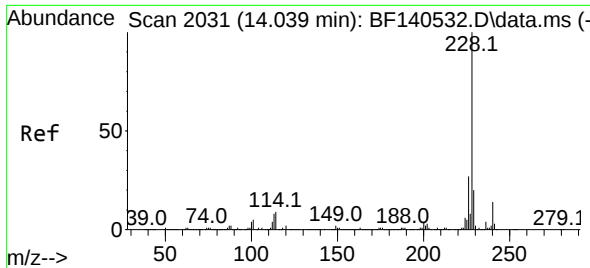
Reviewed By :Yogesh Patel 11/29/2024
 Supervised By :mohammad ahmed 11/29/2024



#80
 Butylbenzylphthalate
 Concen: 32.902 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140669.D
 Acq: 27 Nov 2024 14:55

Tgt Ion:149 Resp: 301282
 Ion Ratio Lower Upper
 149 100
 91 71.1 56.2 84.2
 206 20.3 16.4 24.6





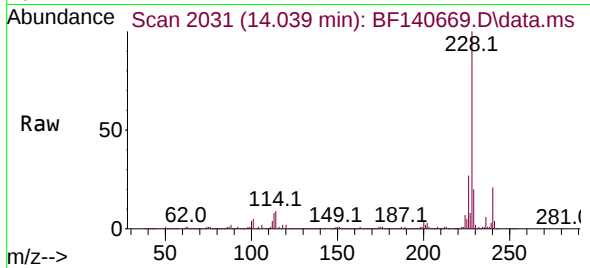
#81
Benzo(a)anthracene
Concen: 34.457 ng
RT: 14.039 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



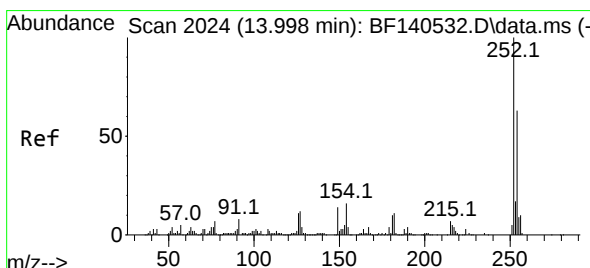
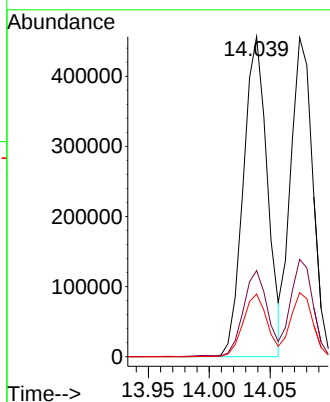
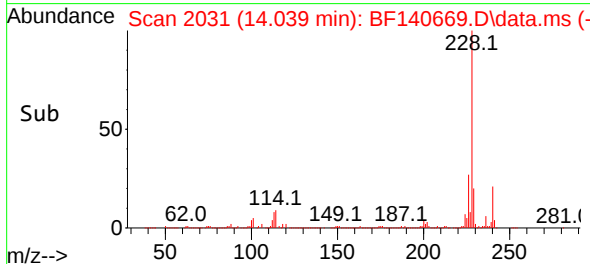
Tgt Ion:228 Resp: 627059
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 19.6 15.8 23.6

Manual Integrations

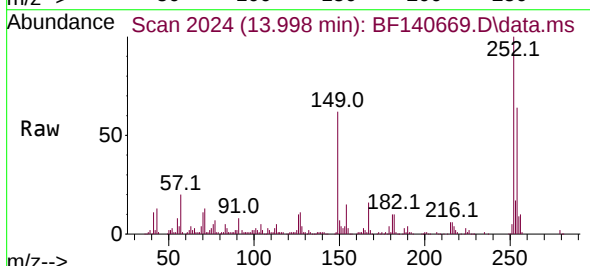
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

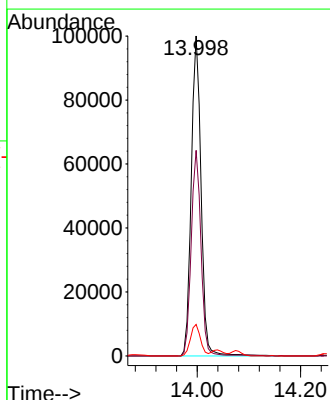
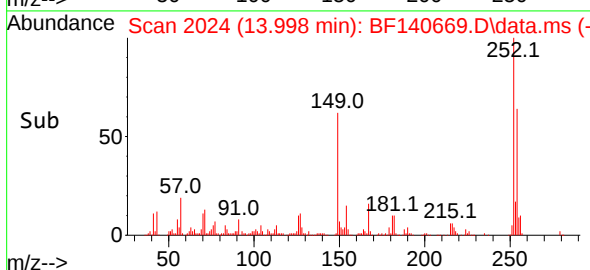
Supervised By :mohammad ahmed 11/29/2024

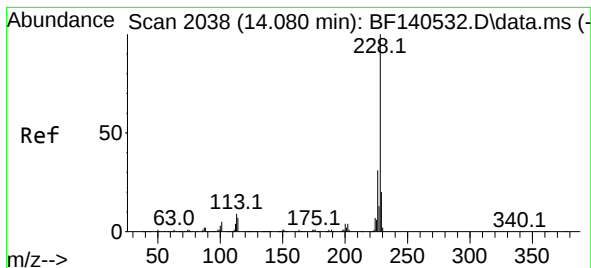


#82
3,3'-Dichlorobenzidine
Concen: 24.112 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:252 Resp: 131745
Ion Ratio Lower Upper
252 100
254 64.3 50.8 76.2
126 9.9 8.6 13.0





#83

Chrysene

Concen: 34.523 ng

RT: 14.074 min Scan# 2038

Delta R.T. -0.006 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

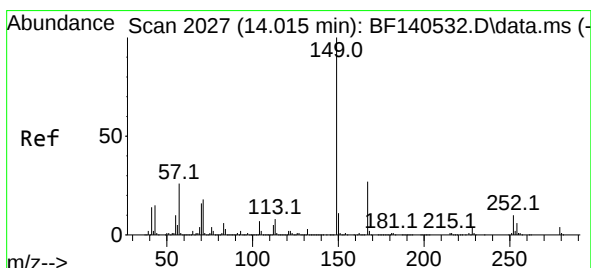
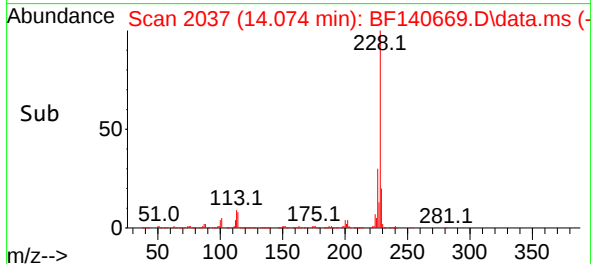
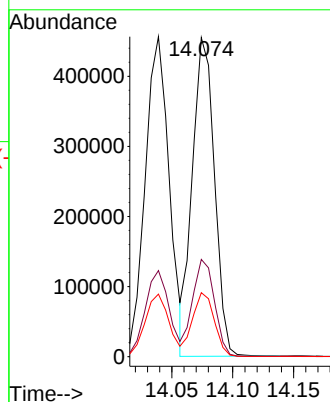
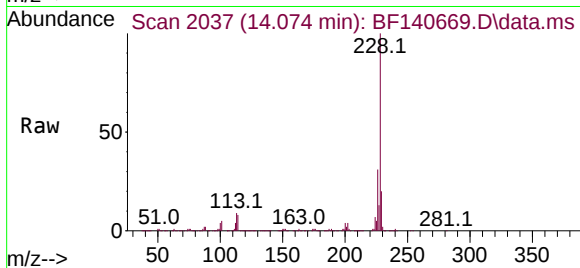
Tgt Ion:	228	Resp:	57446
Ion Ratio	Lower	Upper	
228	100		
226	30.5	24.4	36.6
229	20.1	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 34.586 ng

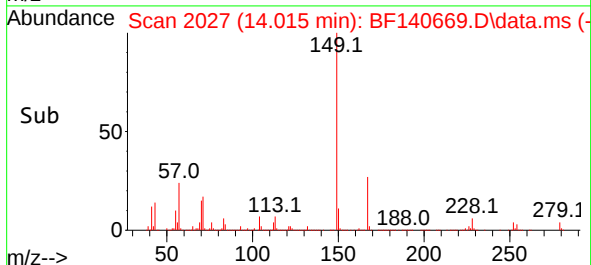
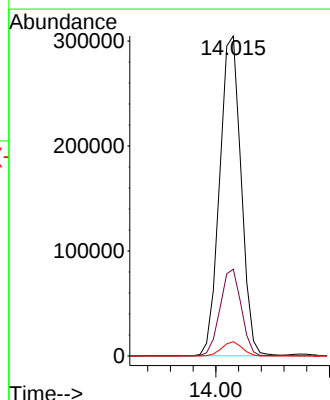
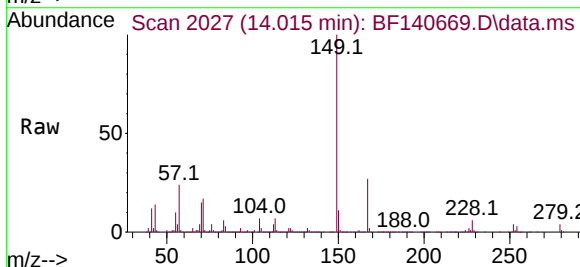
RT: 14.015 min Scan# 2027

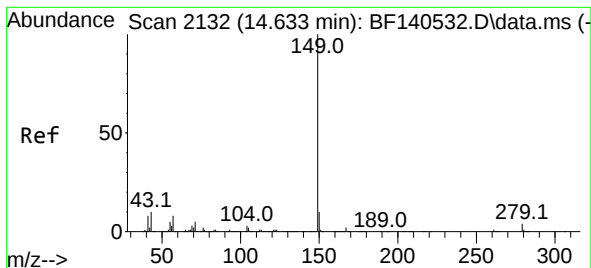
Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Tgt Ion:	149	Resp:	399909
Ion Ratio	Lower	Upper	
149	100		
167	27.1	21.2	31.8
279	4.4	3.2	4.8





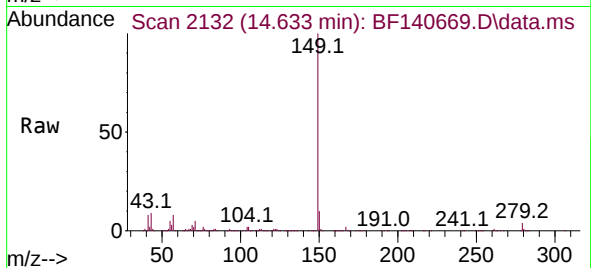
#85
Di-n-octyl phthalate
Concen: 41.290 ng
RT: 14.633 min Scan# 2132
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



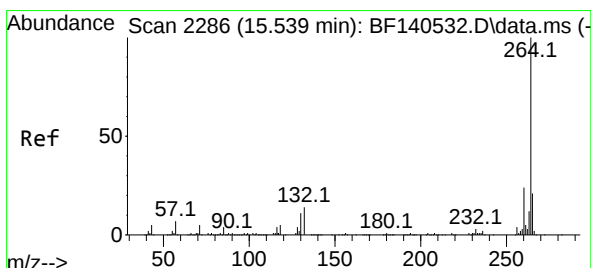
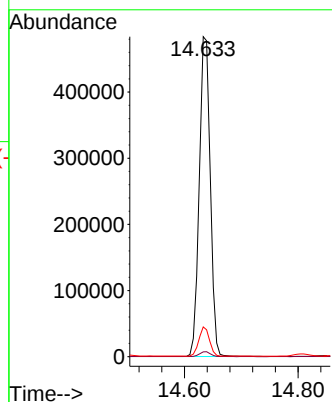
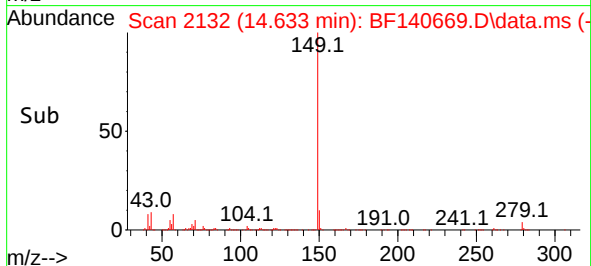
Tgt Ion:149 Resp: 65245
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 8.7 7.7 11.5

Manual Integrations

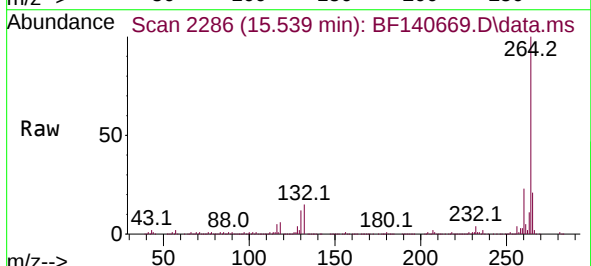
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

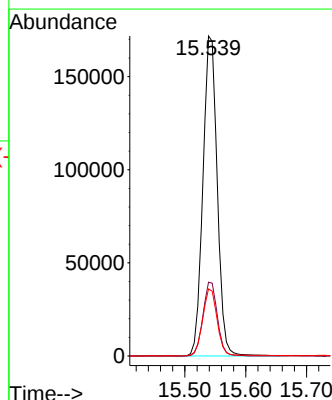
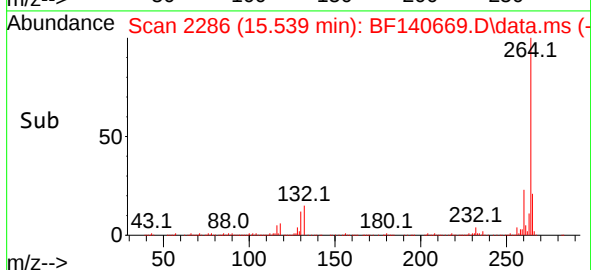
Supervised By :mohammad ahmed 11/29/2024

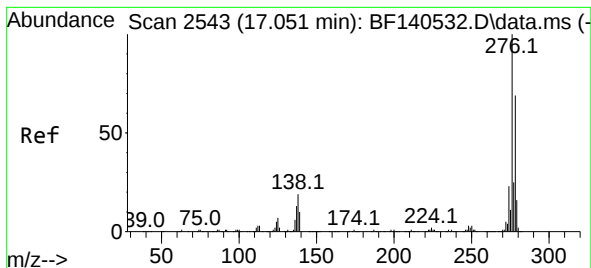


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:264 Resp: 280353
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.6
265 21.0 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.755 ng

RT: 17.056 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD

Tgt Ion:276 Resp: 52536

Ion Ratio Lower Upper

276 100

138 20.1 15.5 23.3

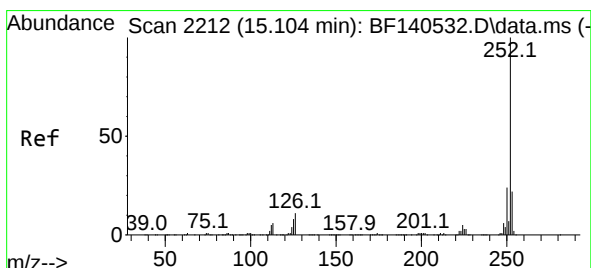
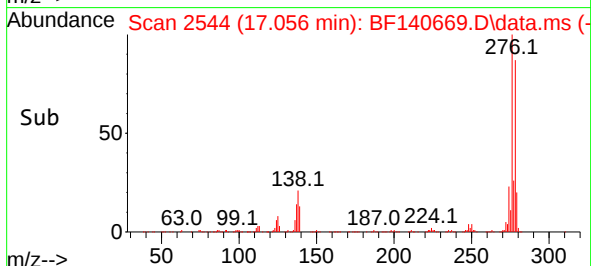
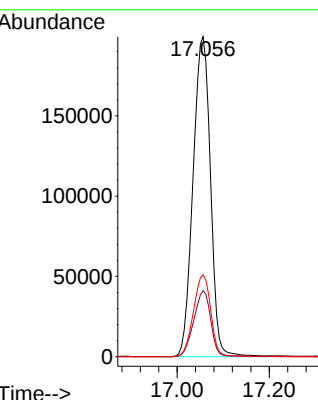
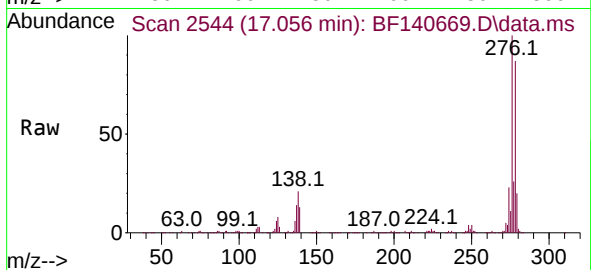
277 25.4 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#88

Benzo(b)fluoranthene

Concen: 34.477 ng

RT: 15.104 min Scan# 2212

Delta R.T. -0.000 min

Lab File: BF140669.D

Acq: 27 Nov 2024 14:55

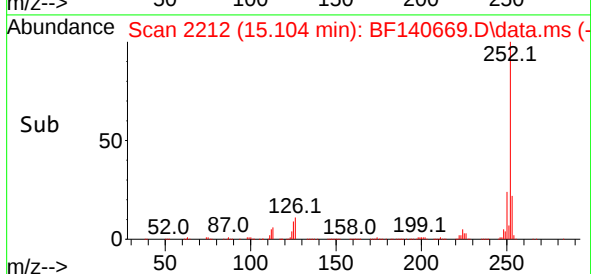
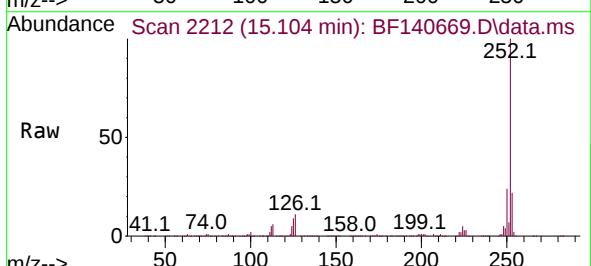
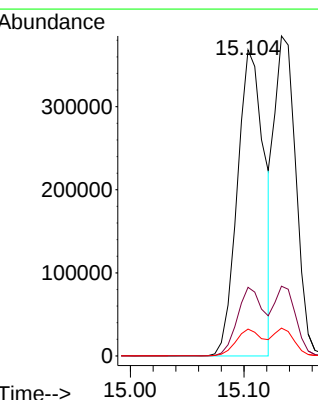
Tgt Ion:252 Resp: 607116

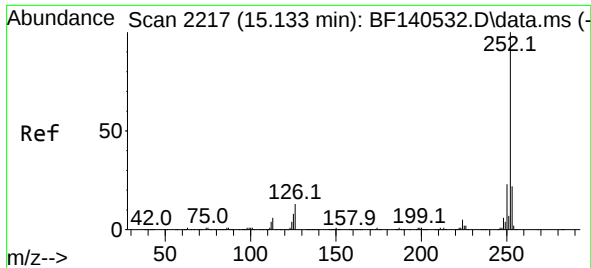
Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

125 8.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 32.722 ng
RT: 15.133 min Scan# 2217
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

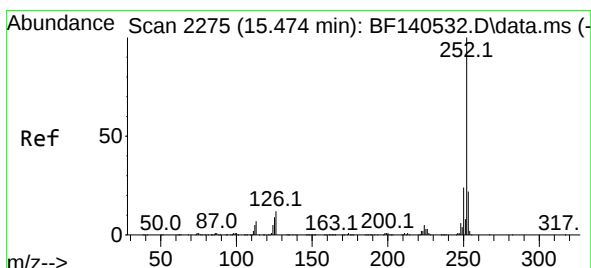
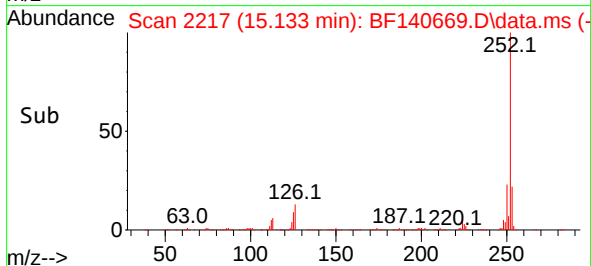
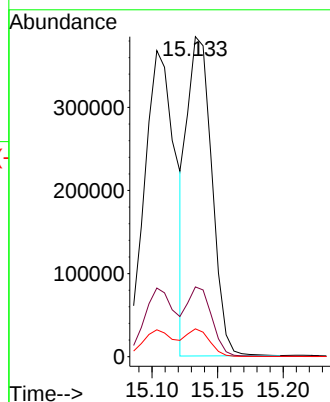
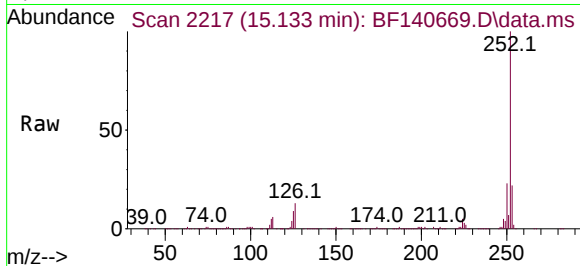
MH-756-WCMSD

Tgt Ion:252 Resp: 50423
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.7 6.5 9.7

Manual Integrations

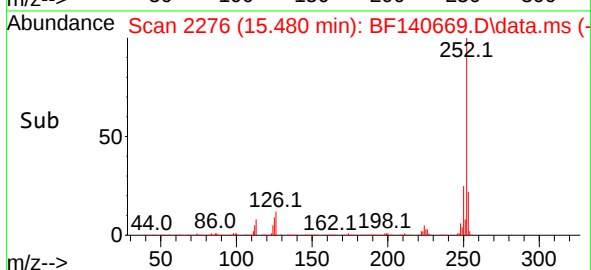
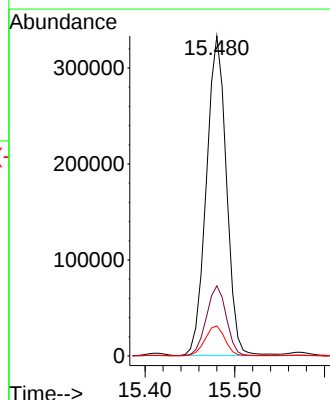
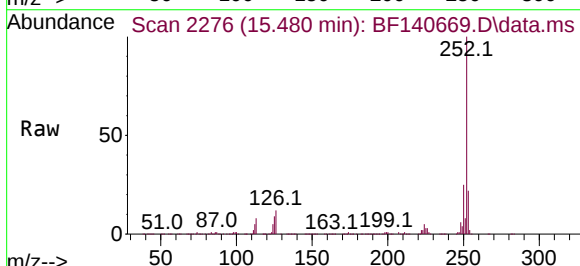
APPROVED

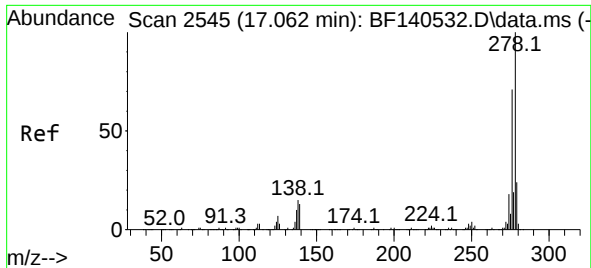
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024



#90
Benzo(a)pyrene
Concen: 36.069 ng
RT: 15.480 min Scan# 2276
Delta R.T. 0.006 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Tgt Ion:252 Resp: 516424
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 9.4 7.0 10.6





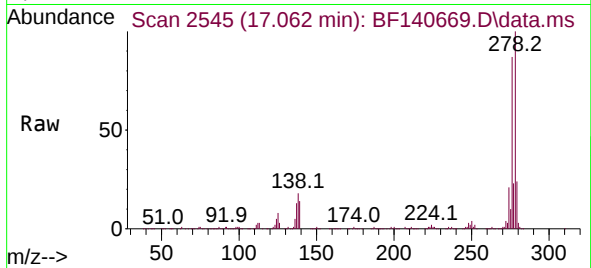
#91
Dibenzo(a,h)anthracene
Concen: 28.844 ng
RT: 17.062 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55

Instrument :

BNA_F

ClientSampleId :

MH-756-WCMSD



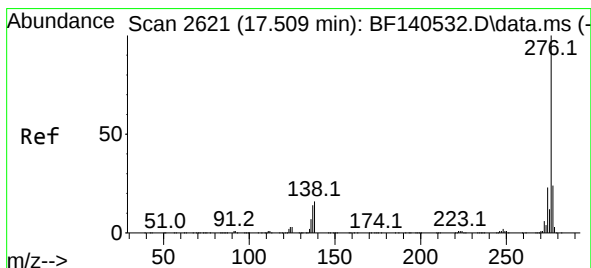
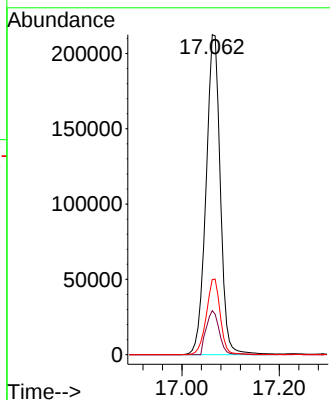
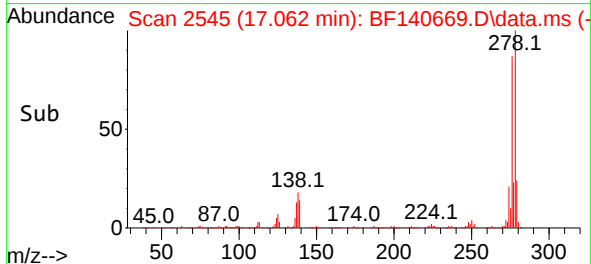
Tgt Ion:278 Resp: 431590
Ion Ratio Lower Upper
278 100
139 13.7 10.2 15.4
279 23.5 18.9 28.3

Manual Integrations

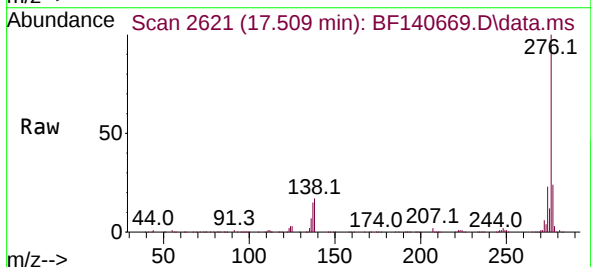
APPROVED

Reviewed By :Yogesh Patel 11/29/2024

Supervised By :mohammad ahmed 11/29/2024



#92
Benzo(g,h,i)perylene
Concen: 24.787 ng
RT: 17.509 min Scan# 2621
Delta R.T. -0.000 min
Lab File: BF140669.D
Acq: 27 Nov 2024 14:55



Tgt Ion:276 Resp: 378458
Ion Ratio Lower Upper
276 100
277 23.9 18.9 28.3
138 17.2 13.2 19.8

