

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111624\
 Data File : BF140428.D
 Acq On : 16 Nov 2024 14:31
 Operator : RC/JU
 Sample : P4833-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-731MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

Quant Time: Nov 18 00:06:34 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	121371	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	446879	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	242656	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	455463	20.000	ng	0.00
76) Chrysene-d12	14.045	240	245985	20.000	ng	0.00
86) Perylene-d12	15.539	264	276803	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	590726	83.100	ng	0.01
7) Phenol-d6	6.516	99	776518	80.627	ng	0.01
23) Nitrobenzene-d5	7.434	82	500343	58.336	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	217190	90.007	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	906742	60.070	ng	0.00
79) Terphenyl-d14	12.980	244	901830	63.638	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	129309	40.814	ng	99
3) Pyridine	3.440	79	305168	39.180	ng	99
4) n-Nitrosodimethylamine	3.387	42	165733	42.101	ng	100
6) Aniline	6.534	93	157702	18.823	ng	# 1
8) 2-Chlorophenol	6.663	128	331684	43.437	ng	97
9) Benzaldehyde	6.422	77	31491	5.456	ng	99
10) Phenol	6.528	94	420799	41.431	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	318953	41.446	ng	98
12) 1,3-Dichlorobenzene	6.816	146	349194	41.447	ng	99
13) 1,4-Dichlorobenzene	6.892	146	355044	41.560	ng	99
14) 1,2-Dichlorobenzene	7.045	146	342659	43.206	ng	98
15) Benzyl Alcohol	7.016	79	295672	42.611	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	427078	40.177	ng	74
17) 2-Methylphenol	7.134	107	258952	41.224	ng	# 93
18) Hexachloroethane	7.386	117	132068	41.818	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	236566	40.670	ng	99
20) 3+4-Methylphenols	7.287	107	339331	43.195	ng	99
22) Acetophenone	7.281	105	442341	42.559	ng	99
24) Nitrobenzene	7.451	77	365476	40.927	ng	100
25) Isophorone	7.692	82	637540	41.941	ng	99
26) 2-Nitrophenol	7.769	139	175538	44.297	ng	98
27) 2,4-Dimethylphenol	7.810	122	253184m	49.905	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	381031	40.880	ng	99
29) 2,4-Dichlorophenol	8.016	162	272060	43.391	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	285211	40.858	ng	99
31) Naphthalene	8.175	128	966791	42.647	ng	100
32) Benzoic acid	7.928	122	193064	43.247	ng	97
33) 4-Chloroaniline	8.228	127	49080	6.225	ng	99
34) Hexachlorobutadiene	8.292	225	183279	41.208	ng	99
35) Caprolactam	8.586	113	91777m	44.040	ng	
36) 4-Chloro-3-methylphenol	8.716	107	298185	42.914	ng	99
37) 2-Methylnaphthalene	8.869	142	620859	42.712	ng	100
38) 1-Methylnaphthalene	8.969	142	576160	40.477	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	291051	43.374	ng	99
41) Hexachlorocyclopentadiene	9.016	237	237183	137.667	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	196930	44.719	ng	99

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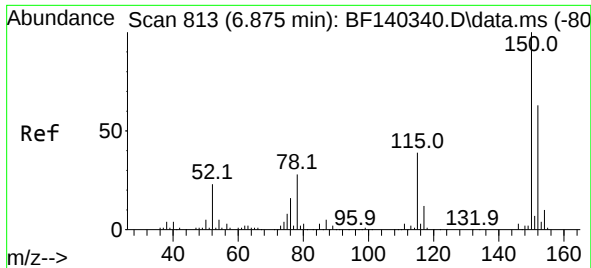
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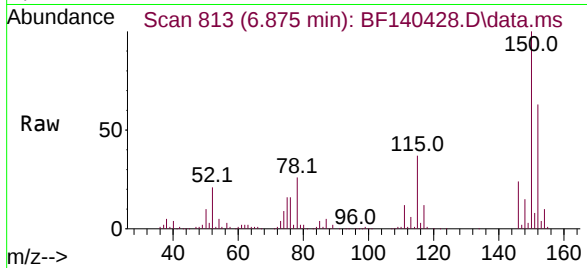
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	203082	42.180	ng	100
46) 1,1'-Biphenyl	9.333	154	769583	43.595	ng	99
47) 2-Chloronaphthalene	9.357	162	571894	42.528	ng	99
48) 2-Nitroaniline	9.457	65	200249	44.902	ng	99
49) Acenaphthylene	9.775	152	949486	46.667	ng	100
50) Dimethylphthalate	9.628	163	694586	43.915	ng	100
51) 2,6-Dinitrotoluene	9.692	165	152875	42.397	ng	99
52) Acenaphthene	9.945	154	645657	46.984	ng	99
53) 3-Nitroaniline	9.863	138	73574	19.429	ng	98
54) 2,4-Dinitrophenol	9.975	184	124670	67.047	ng	98
55) Dibenzofuran	10.116	168	871631	44.805	ng	100
56) 4-Nitrophenol	10.039	139	250750	90.782	ng	99
57) 2,4-Dinitrotoluene	10.098	165	212986	44.881	ng	99
58) Fluorene	10.463	166	673630	43.833	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	179677	47.264	ng	98
60) Diethylphthalate	10.327	149	699958	43.279	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	327841	43.210	ng	98
62) 4-Nitroaniline	10.480	138	154002	39.774	ng	99
63) Azobenzene	10.610	77	773433	48.400	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	95680	39.045	ng	97
66) n-Nitrosodiphenylamine	10.569	169	596256	45.309	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	197047	43.280	ng	98
68) Hexachlorobenzene	11.010	284	220943	43.131	ng	97
69) Atrazine	11.098	200	193332	48.558	ng	98
70) Pentachlorophenol	11.210	266	224242	81.265	ng	99
71) Phenanthrene	11.427	178	964686	45.088	ng	100
72) Anthracene	11.474	178	988005	47.117	ng	99
73) Carbazole	11.633	167	923569	44.606	ng	100
74) Di-n-butylphthalate	11.957	149	1067134	42.942	ng	100
75) Fluoranthene	12.616	202	982058	40.912	ng	99
77) Benzidine	12.739	184	166657	17.652	ng	98
78) Pyrene	12.845	202	973166	46.251	ng	100
80) Butylbenzylphthalate	13.457	149	372377	46.070	ng	97
81) Benzo(a)anthracene	14.033	228	758075	46.891	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	128644	25.035	ng	98
83) Chrysene	14.074	228	649651	44.042	ng	100
84) Bis(2-ethylhexyl)phtha...	14.015	149	473347	43.874	ng	99
85) Di-n-octyl phthalate	14.645	149	724527	47.682	ng	99
87) Indeno(1,2,3-cd)pyrene	17.045	276	639358	37.392	ng	99
88) Benzo(b)fluoranthene	15.104	252	786959	43.461	ng	99
89) Benzo(k)fluoranthene	15.133	252	617069	41.716	ng	99
90) Benzo(a)pyrene	15.480	252	680219	48.375	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	535258	37.871	ng	99
92) Benzo(g,h,i)perylene	17.498	276	452153	31.292	ng	100

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

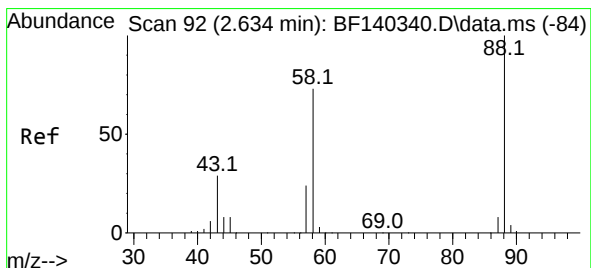
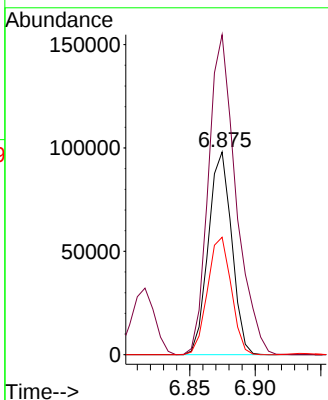
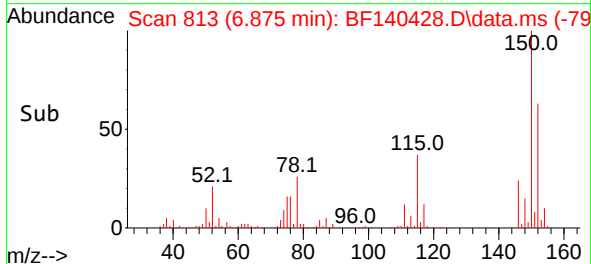
Instrument :
BNA_F
ClientSampleId :
MH-731MS



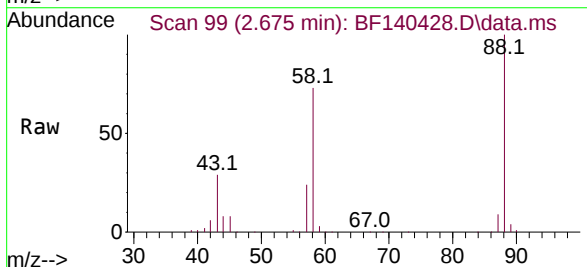
Tgt Ion:152 Resp: 12137
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.0
115 58.0 47.4 71.2

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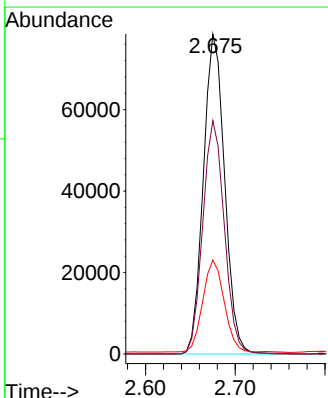
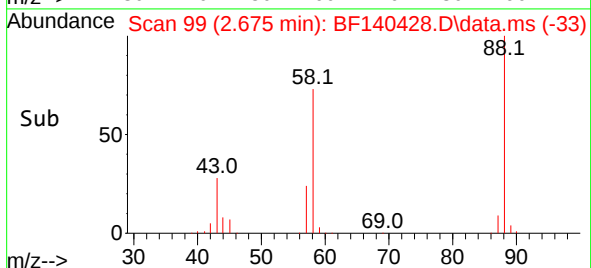
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#2
1,4-Dioxane
Concen: 40.814 ng
RT: 2.675 min Scan# 99
Delta R.T. 0.041 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



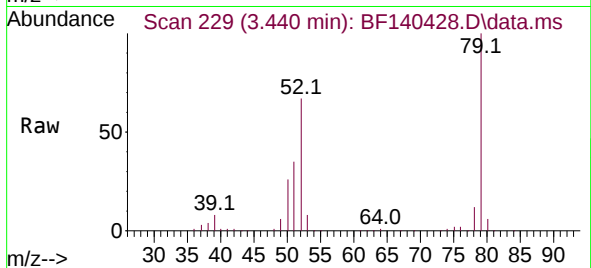
Tgt Ion: 88 Resp: 129309
Ion Ratio Lower Upper
88 100
58 74.0 59.5 89.3
43 28.8 23.4 35.2





#3
Pyridine
Concen: 39.180 ng
RT: 3.440 min Scan# 21
Delta R.T. 0.035 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

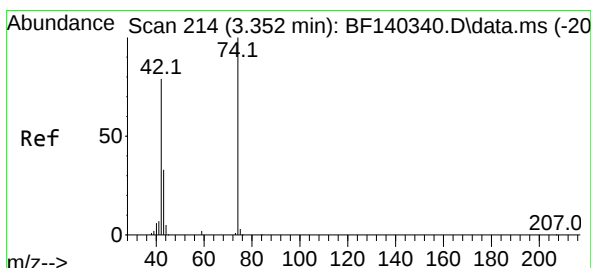
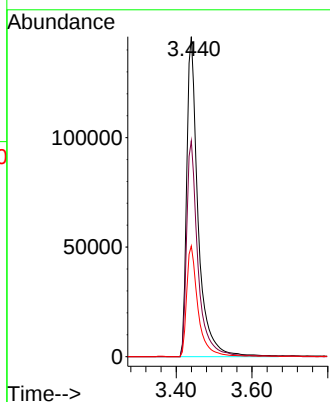
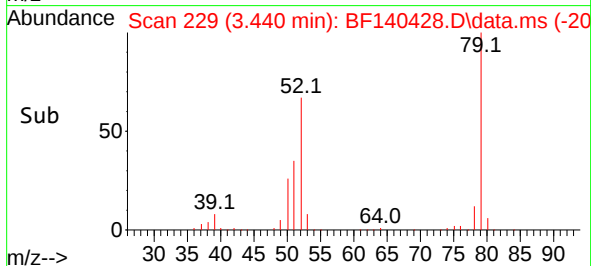
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion: 79 Resp: 305168
Ion Ratio Lower Upper
79 100
52 67.5 53.8 80.6
51 34.6 27.3 40.9

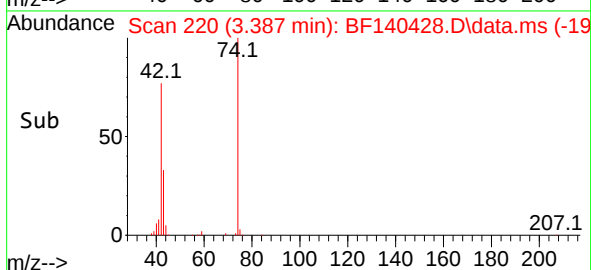
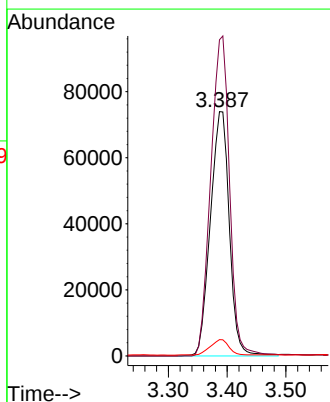
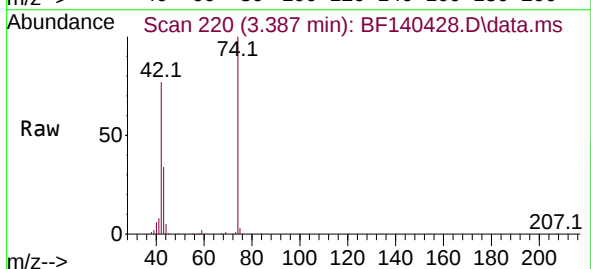
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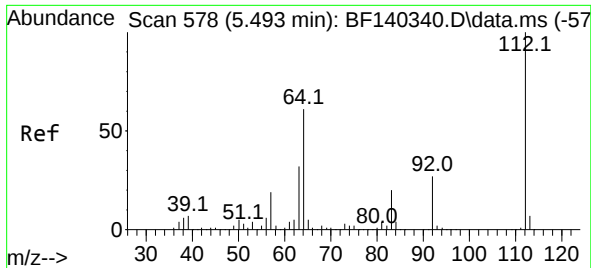
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#4
n-Nitrosodimethylamine
Concen: 42.101 ng
RT: 3.387 min Scan# 220
Delta R.T. 0.029 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion: 42 Resp: 165733
Ion Ratio Lower Upper
42 100
74 129.4 103.5 155.3
44 6.7 5.1 7.7





#5
2-Fluorophenol
Concen: 83.100 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

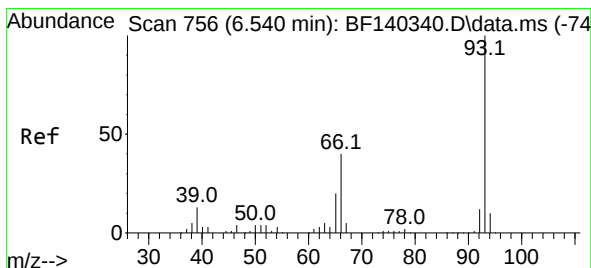
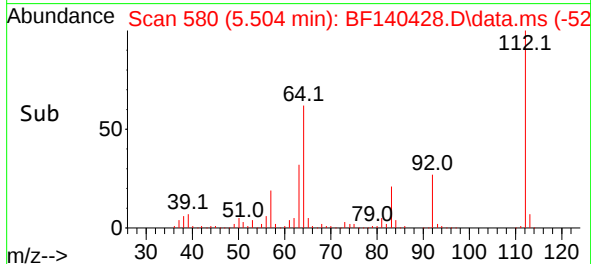
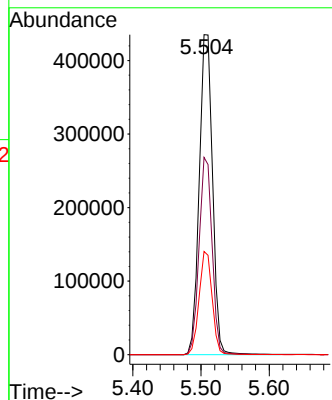
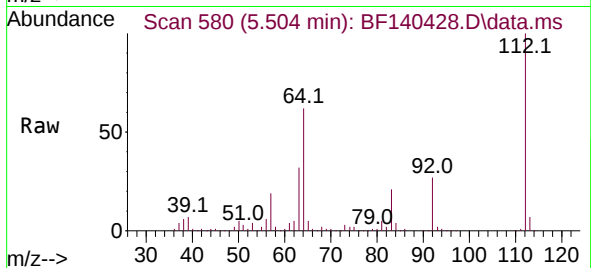
MH-731MS

Tgt Ion:112 Resp: 590720
Ion Ratio Lower Upper
112 100
64 61.7 49.2 73.8
63 32.3 25.6 38.4

Manual Integrations

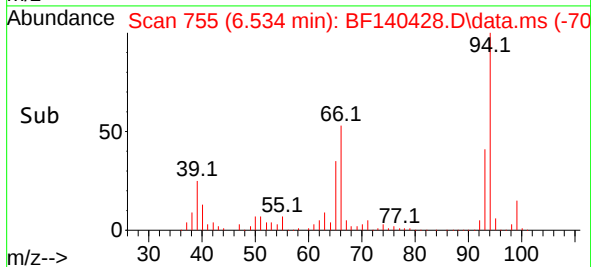
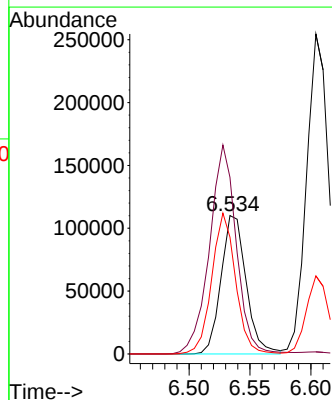
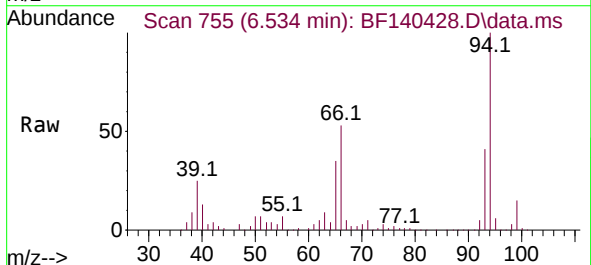
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#6
Aniline
Concen: 18.823 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

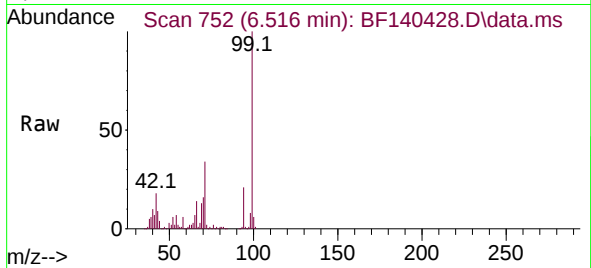
Tgt Ion: 93 Resp: 157702
Ion Ratio Lower Upper
93 100
66 127.6 32.8 49.2#
65 84.4 16.6 25.0#





#7
Phenol-d6
Concen: 80.627 ng
RT: 6.516 min Scan# 752
Delta R.T. 0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

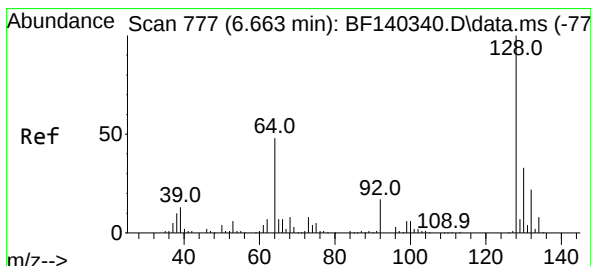
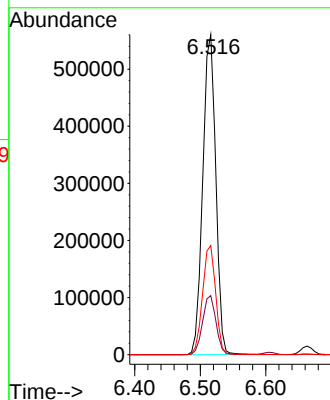
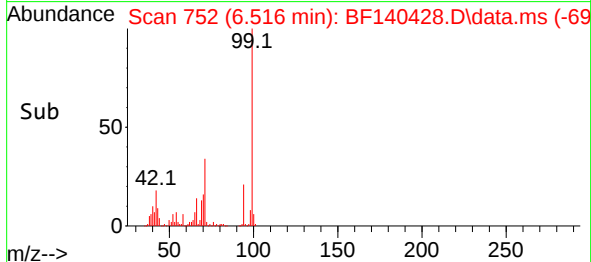
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion: 99 Resp: 776518
Ion Ratio Lower Upper
99 100
42 18.4 15.1 22.7
71 34.1 27.9 41.9

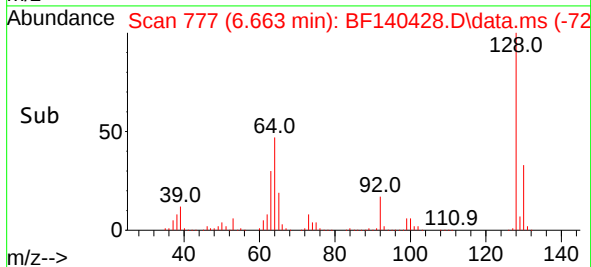
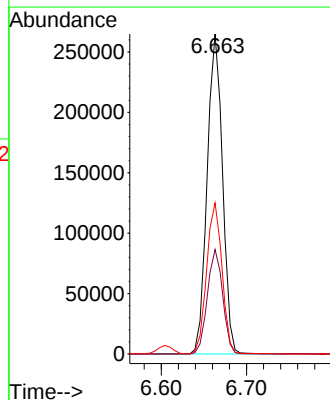
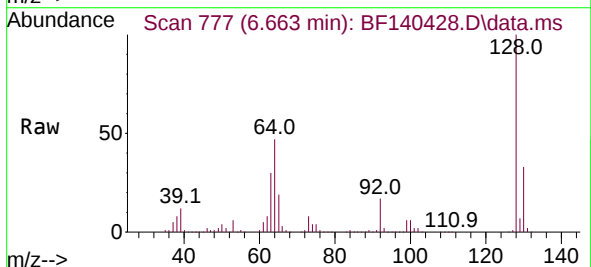
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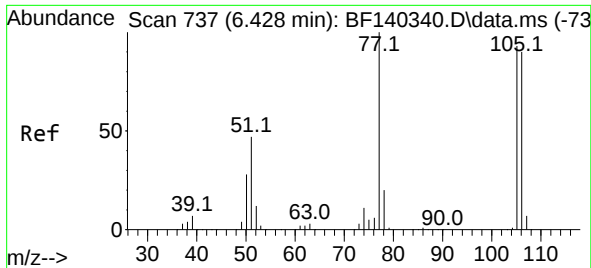
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#8
2-Chlorophenol
Concen: 43.437 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:128 Resp: 331684
Ion Ratio Lower Upper
128 100
130 32.6 12.2 52.2
64 47.2 30.2 70.2





#9

Benzaldehyde

Concen: 5.456 ng

RT: 6.422 min Scan# 714

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

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ClientSampleId :

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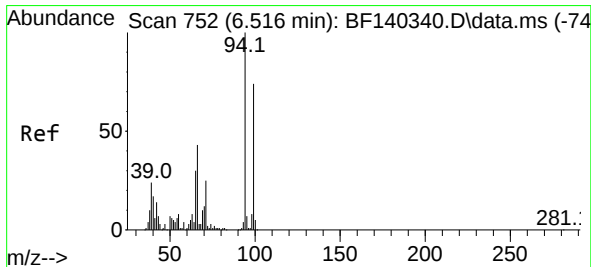
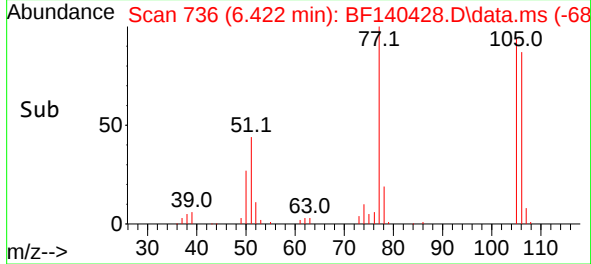
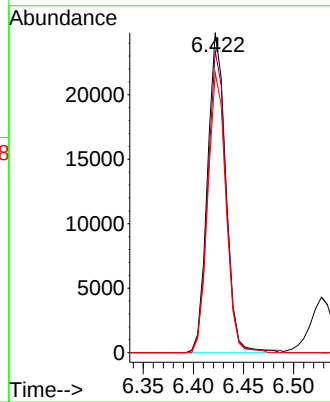
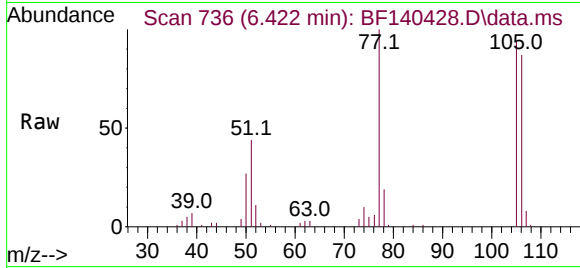
Tgt Ion: 77	Resp: 3149
Ion Ratio	Lower Upper
77 100	
105 94.2	74.4 114.4
106 87.5	69.9 109.9

Manual Integrations

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#10

Phenol

Concen: 41.431 ng

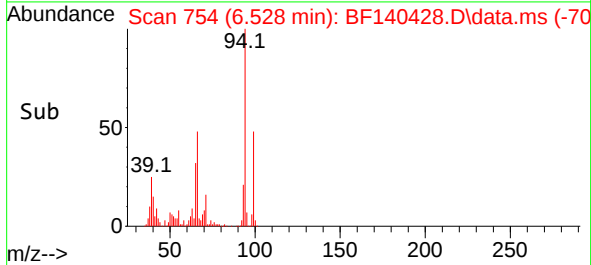
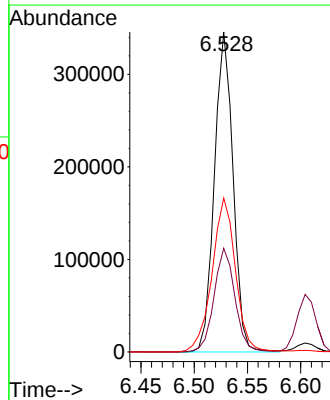
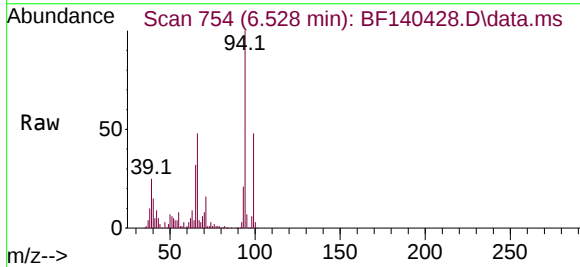
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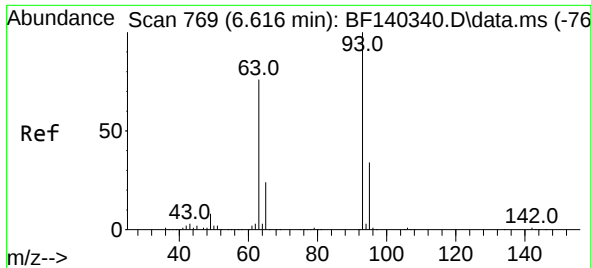
Delta R.T. 0.006 min

Lab File: BF140428.D

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Tgt Ion: 94	Resp: 420799
Ion Ratio	Lower Upper
94 100	
65 32.4	10.4 50.4
66 48.1	22.9 62.9





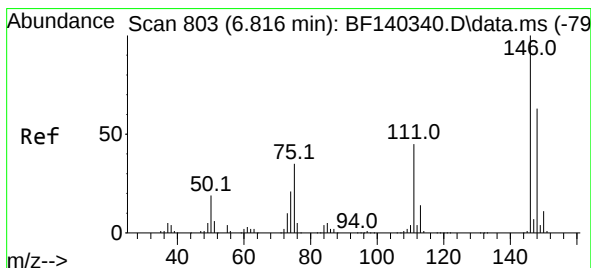
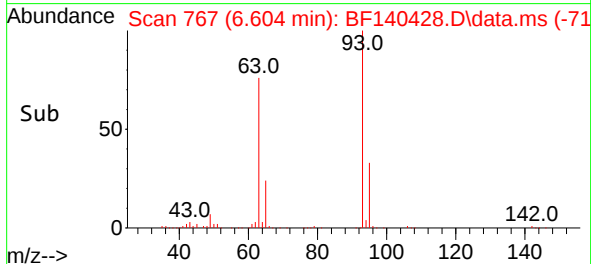
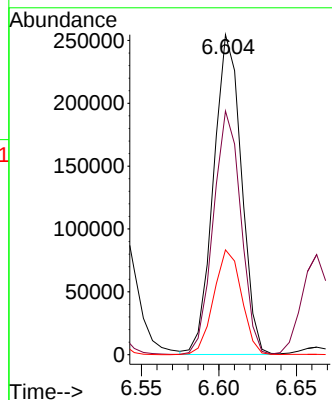
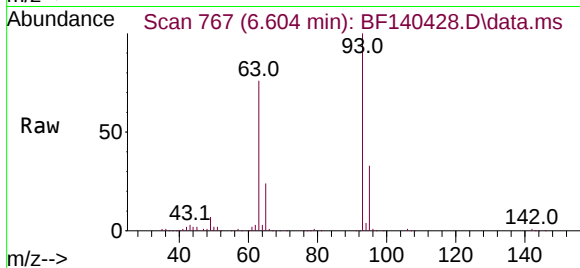
#11
bis(2-Chloroethyl)ether
Concen: 41.446 ng
RT: 6.604 min Scan# 769
Delta R.T. -0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Tgt Ion: 93 Resp: 31895
Ion Ratio Lower Upper
93 100
63 76.2 54.0 94.0
95 32.8 12.9 52.9

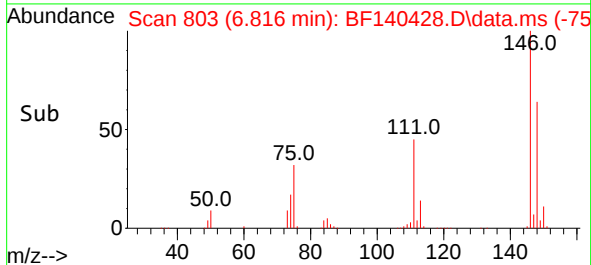
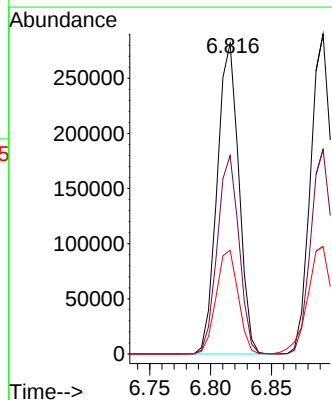
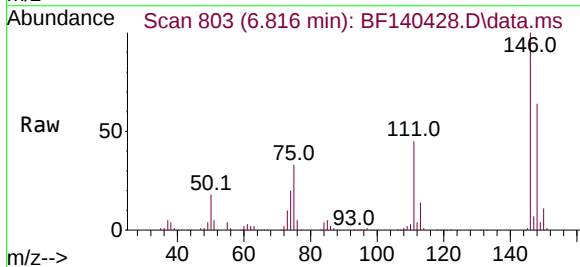
Manual Integrations
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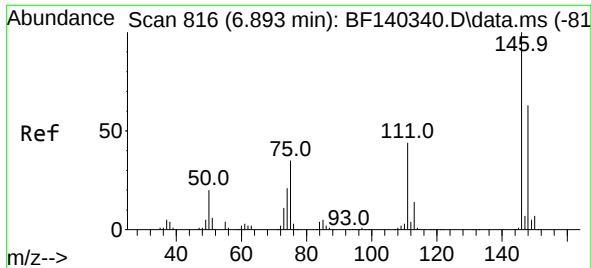
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#12
1,3-Dichlorobenzene
Concen: 41.447 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:146 Resp: 349194
Ion Ratio Lower Upper
146 100
148 63.9 50.7 76.1
75 33.4 26.4 39.6





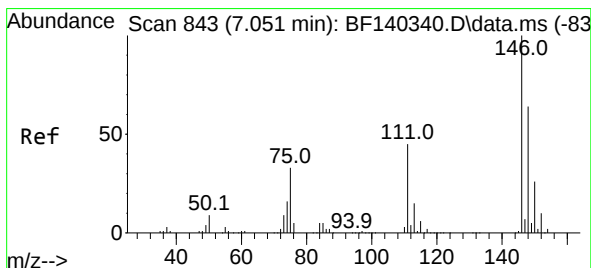
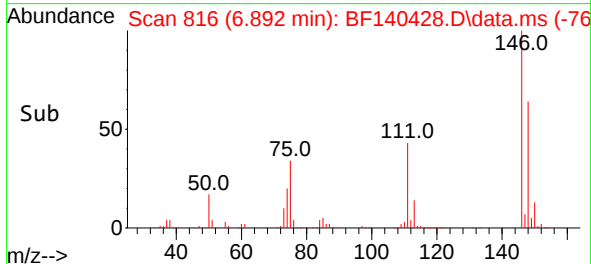
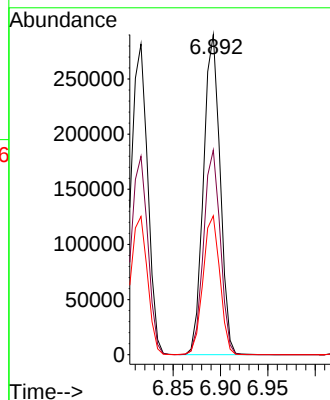
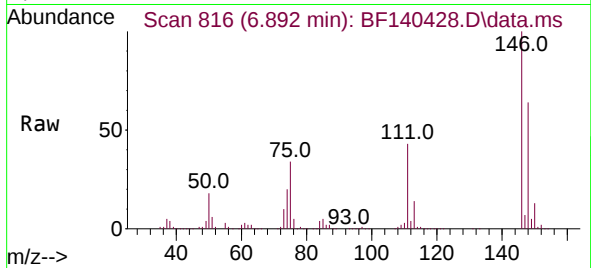
#13
1,4-Dichlorobenzene
Concen: 41.560 ng
RT: 6.892 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Tgt Ion:146 Resp: 355044
Ion Ratio Lower Upper
146 100
148 63.9 50.8 76.2
111 43.4 34.2 51.2

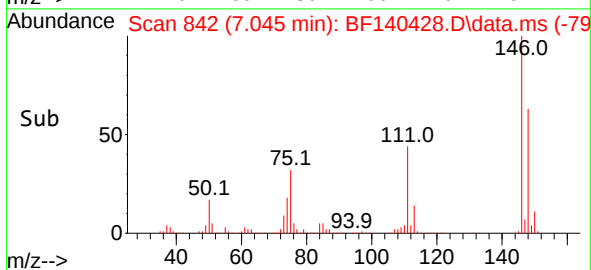
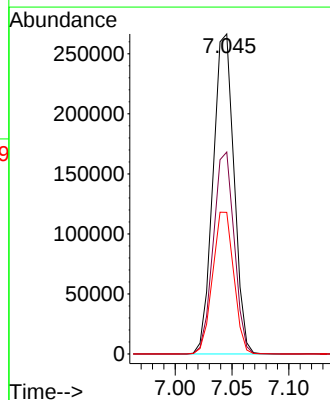
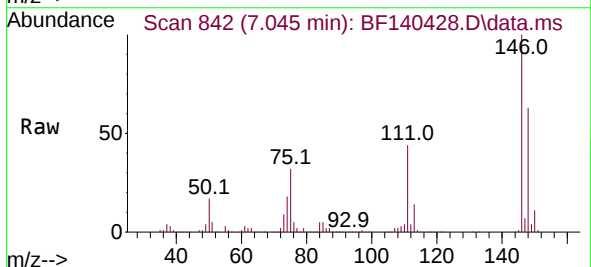
Manual Integrations
APPROVED

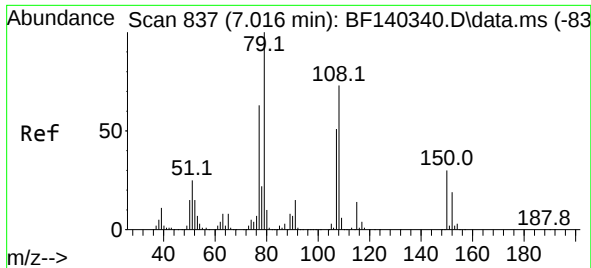
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#14
1,2-Dichlorobenzene
Concen: 43.206 ng
RT: 7.045 min Scan# 842
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

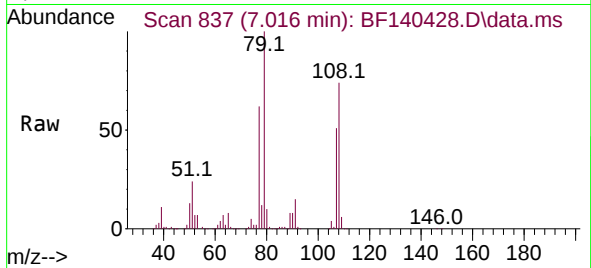
Tgt Ion:146 Resp: 342659
Ion Ratio Lower Upper
146 100
148 63.1 51.2 76.8
111 44.3 36.5 54.7





#15
Benzyl Alcohol
Concen: 42.611 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

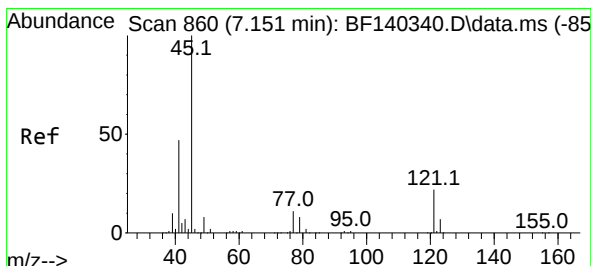
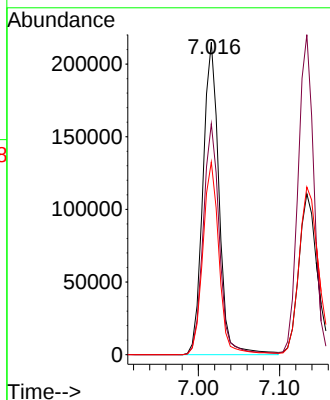
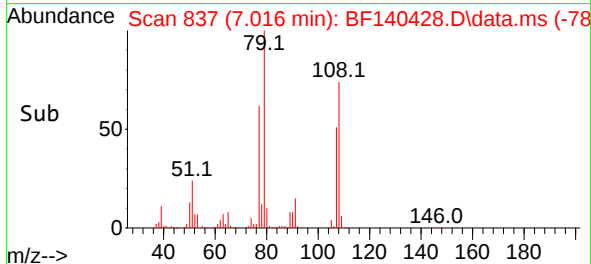
Instrument :
BNA_F
ClientSampleId :
MH-731MS



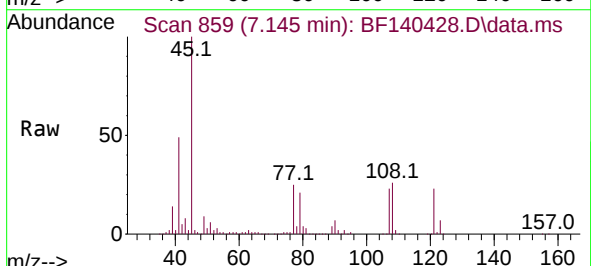
Tgt Ion: 79 Resp: 295672
Ion Ratio Lower Upper
79 100
108 73.9 57.8 86.6
77 61.7 49.8 74.6

Manual Integrations
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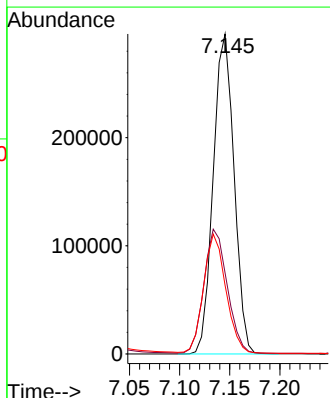
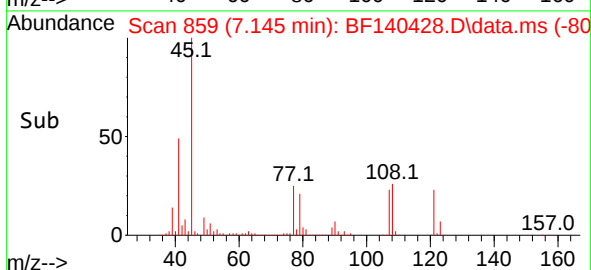
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

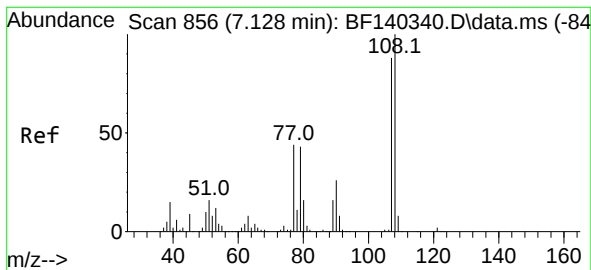


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.177 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



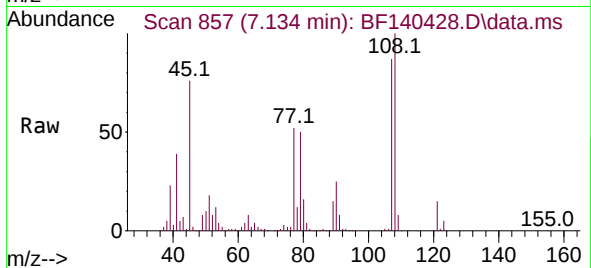
Tgt Ion: 45 Resp: 427078
Ion Ratio Lower Upper
45 100
77 25.3 0.0 34.8
79 21.4 0.0 31.4





#17
2-Methylphenol
Concen: 41.224 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

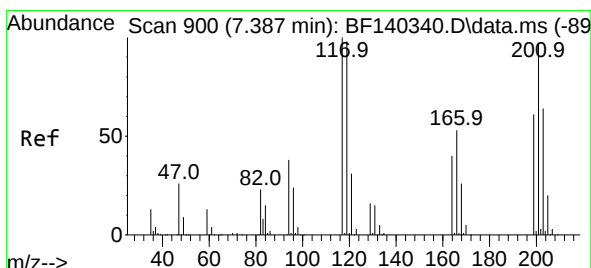
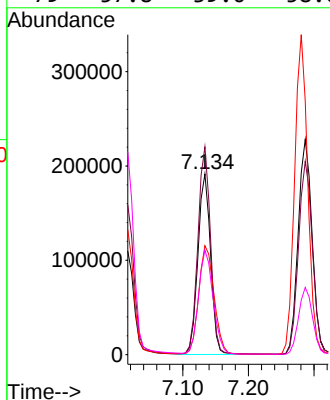
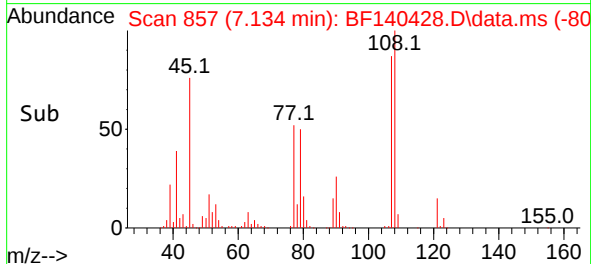
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:107 Resp: 258952
Ion Ratio Lower Upper
107 100
108 114.9 91.9 137.9
77 60.2 39.7 59.5
79 57.8 39.0 58.6

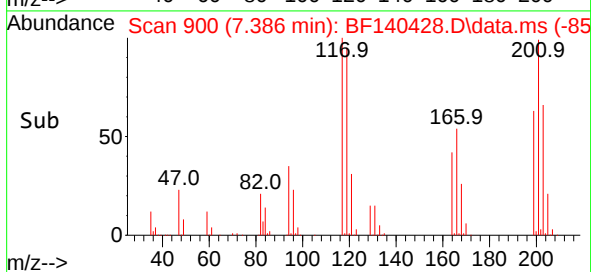
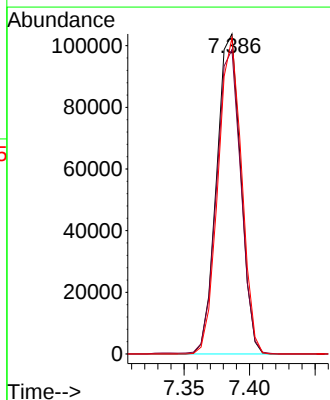
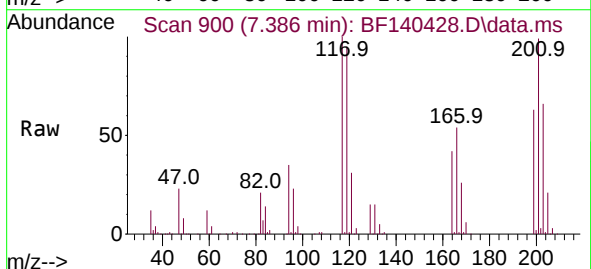
Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#18
Hexachloroethane
Concen: 41.818 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

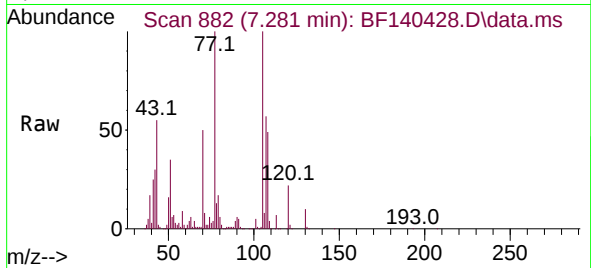
Tgt Ion:117 Resp: 132068
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3
201 98.8 80.2 120.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.670 ng
RT: 7.281 min Scan# 881
Delta R.T. -0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

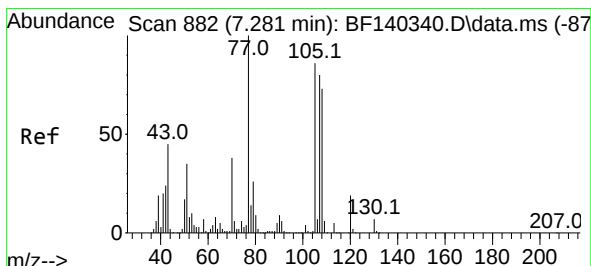
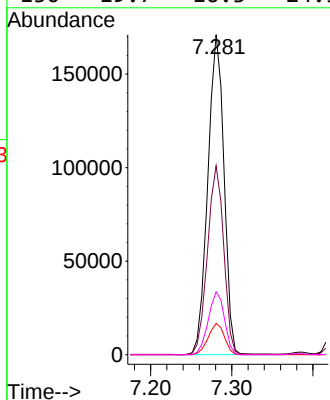
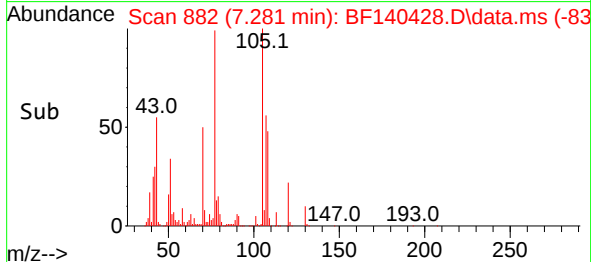
Instrument :
BNA_F
ClientSampleId :
MH-731MS



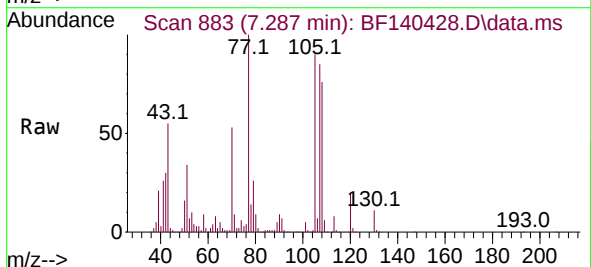
Tgt Ion: 70 Resp: 236560
Ion Ratio Lower Upper
70 100
42 59.0 46.8 70.2
101 9.8 7.5 11.3
130 19.7 16.3 24.5

Manual Integrations
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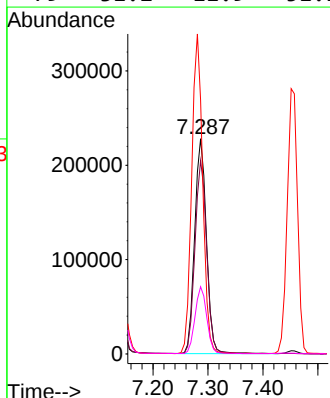
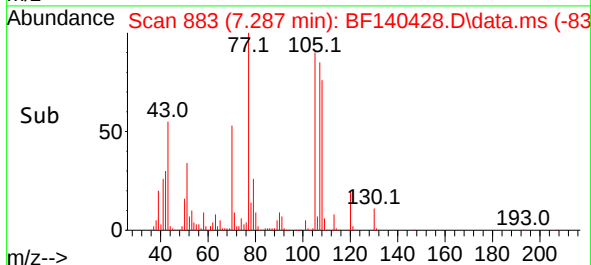
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

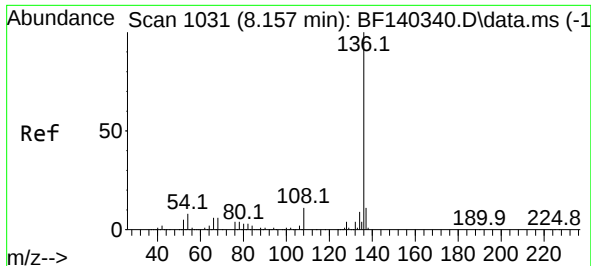


#20
3+4-Methylphenols
Concen: 43.195 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:107 Resp: 339331
Ion Ratio Lower Upper
107 100
108 89.9 71.4 111.4
77 118.0 97.0 137.0
79 31.2 11.9 51.9





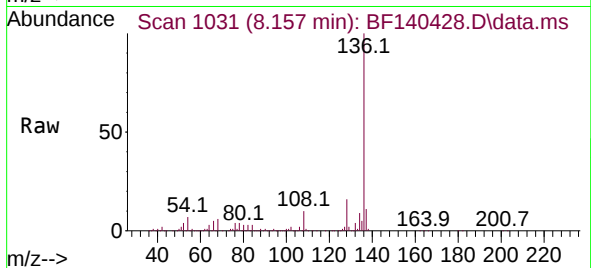
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS



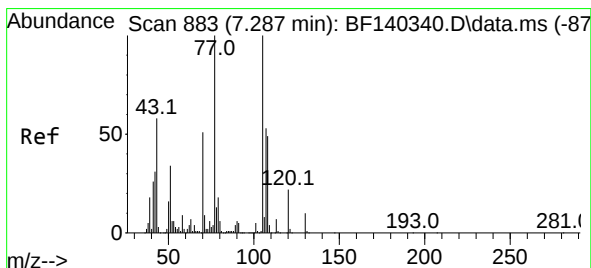
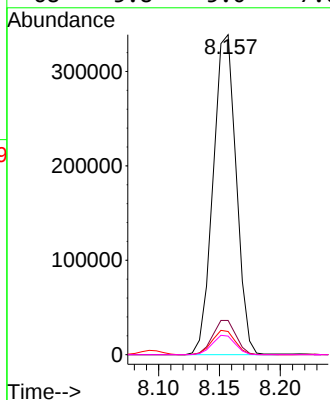
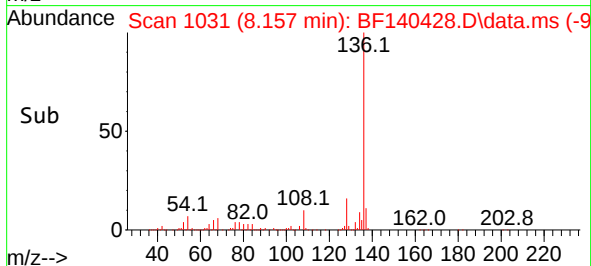
Tgt Ion:136 Resp: 446879
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.2 6.5 9.7
68 5.8 5.0 7.6

Manual Integrations

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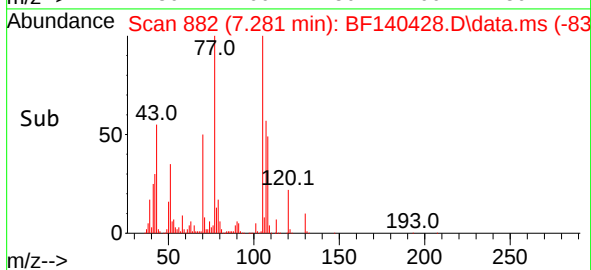
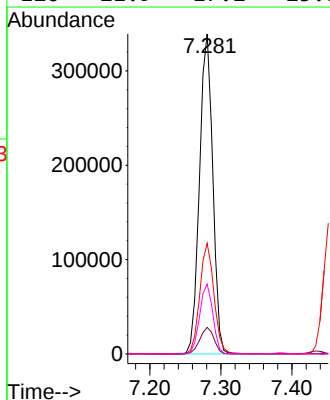
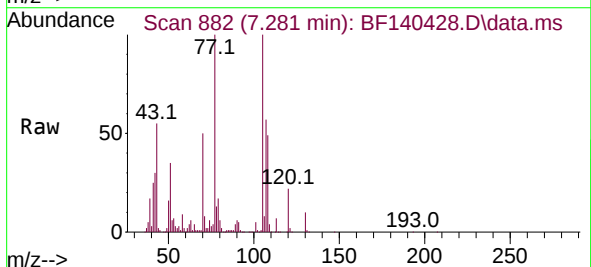
Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#22
Acetophenone
Concen: 42.559 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:105 Resp: 442341
Ion Ratio Lower Upper
105 100
71 8.3 6.9 10.3
51 34.6 28.6 43.0
120 21.9 17.2 25.8





#23

Nitrobenzene-d5

Concen: 58.336 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

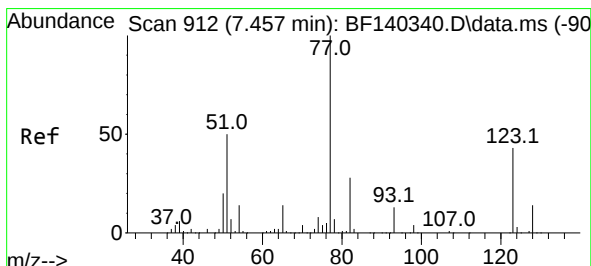
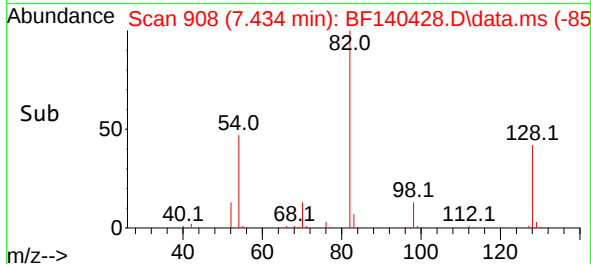
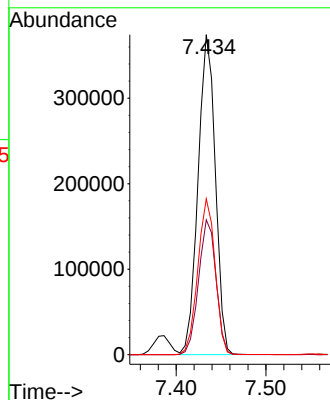
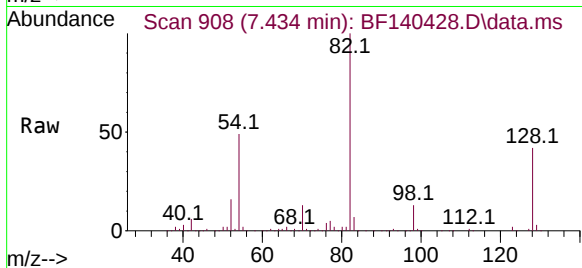
ClientSampleId :

MH-731MS

Tgt Ion: 82 Resp: 50034
 Ion Ratio Lower Upper
 82 100
 128 42.1 33.3 49.9
 54 48.7 39.8 59.8

Manual Integrations
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Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024



#24

Nitrobenzene

Concen: 40.927 ng

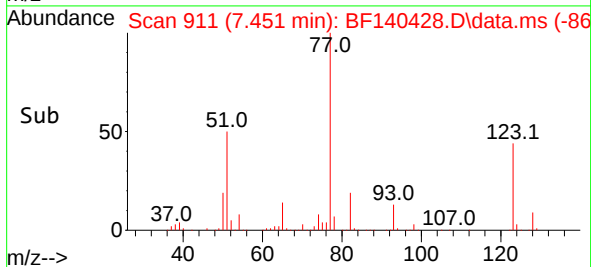
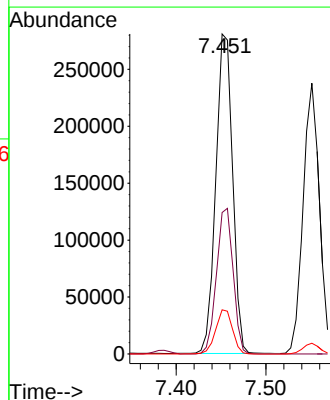
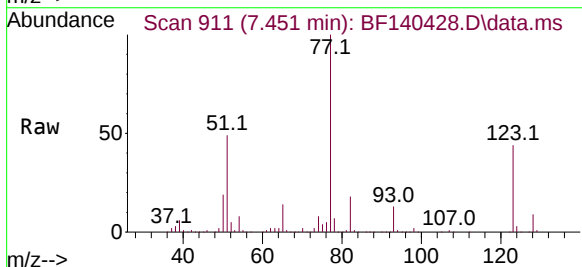
RT: 7.451 min Scan# 911

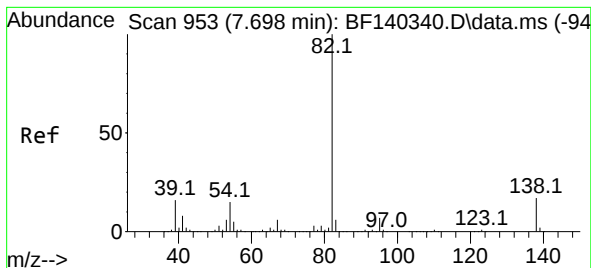
Delta R.T. -0.012 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Tgt Ion: 77 Resp: 365476
 Ion Ratio Lower Upper
 77 100
 123 44.2 35.4 53.0
 65 13.8 11.1 16.7





#25

Isophorone

Concen: 41.941 ng

RT: 7.692 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

Tgt Ion: 82 Resp: 637540

Ion Ratio Lower Upper

82 100

95 7.2 5.9 8.9

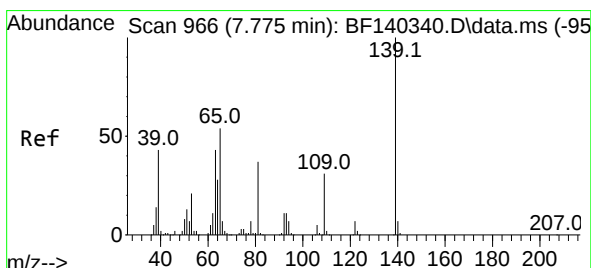
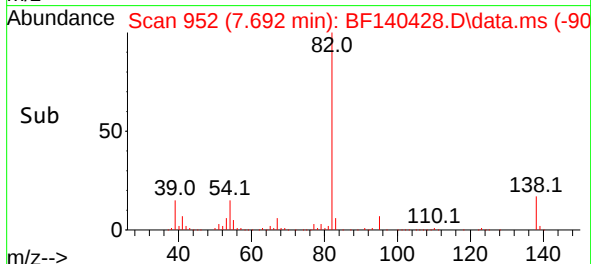
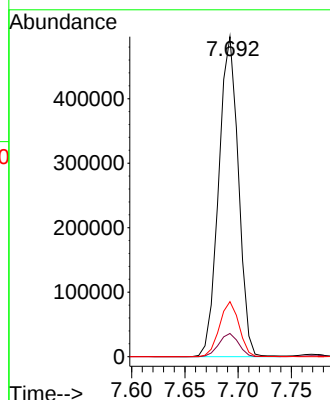
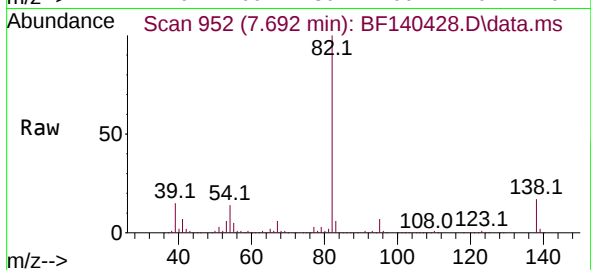
138 17.2 13.4 20.2

Manual Integrations

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Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#26

2-Nitrophenol

Concen: 44.297 ng

RT: 7.769 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

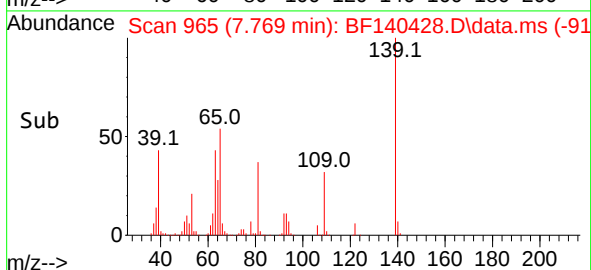
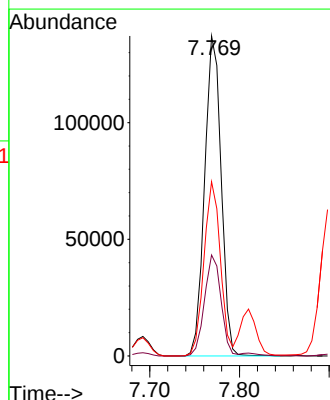
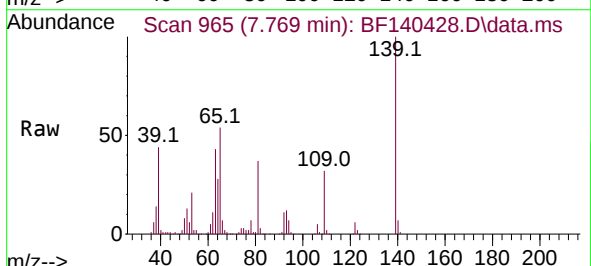
Tgt Ion:139 Resp: 175538

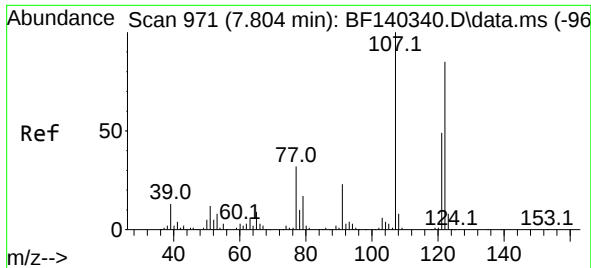
Ion Ratio Lower Upper

139 100

109 31.6 24.4 36.6

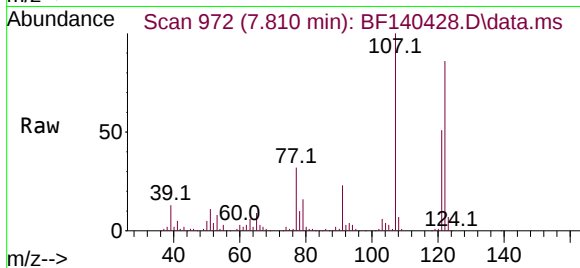
65 54.5 42.8 64.2





#27
2,4-Dimethylphenol
Concen: 49.905 ng m
RT: 7.810 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

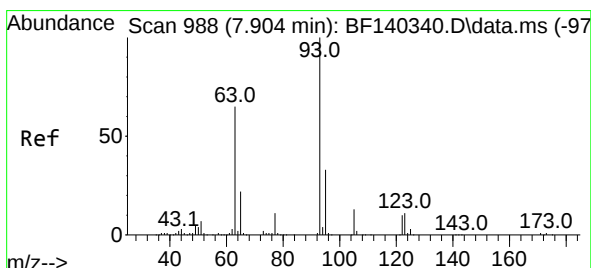
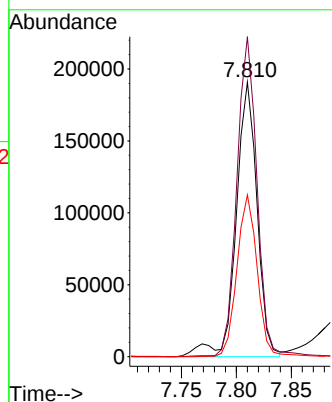
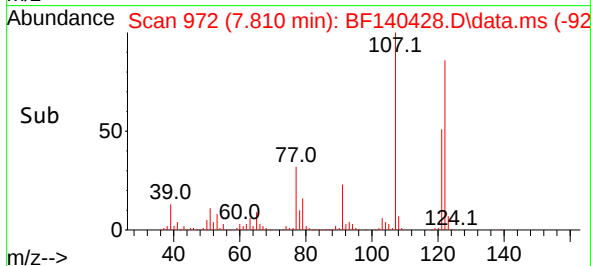
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:122 Resp: 253184
Ion Ratio Lower Upper
122 100
107 116.6 91.3 136.9
121 58.9 45.5 68.3

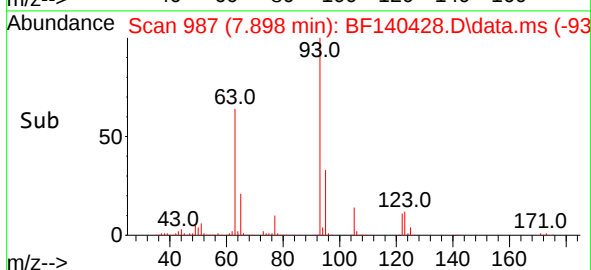
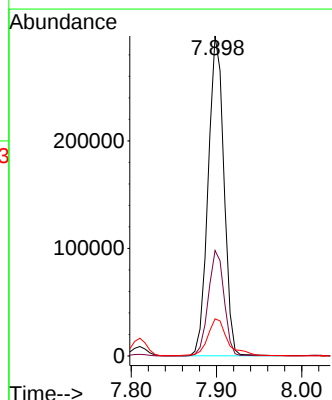
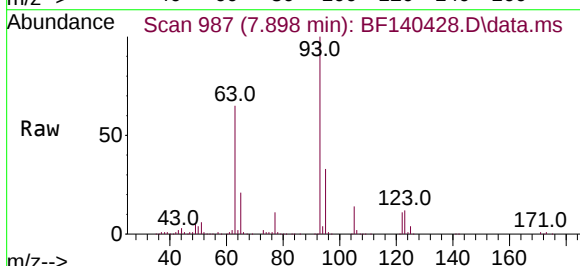
Manual Integrations
APPROVED

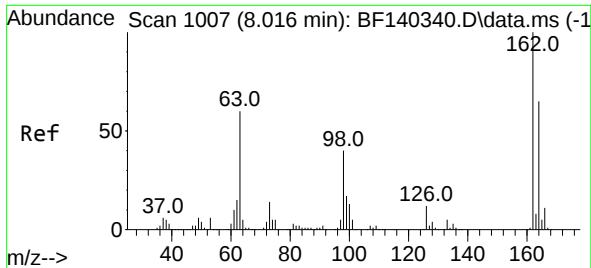
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#28
bis(2-Chloroethoxy)methane
Concen: 40.880 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

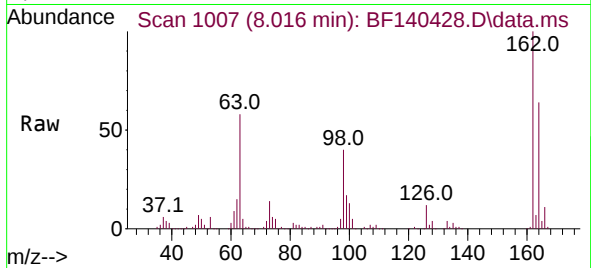
Tgt Ion: 93 Resp: 381031
Ion Ratio Lower Upper
93 100
95 33.0 25.9 38.9
123 11.6 9.2 13.8





#29
2,4-Dichlorophenol
Concen: 43.391 ng
RT: 8.016 min Scan# 1007
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

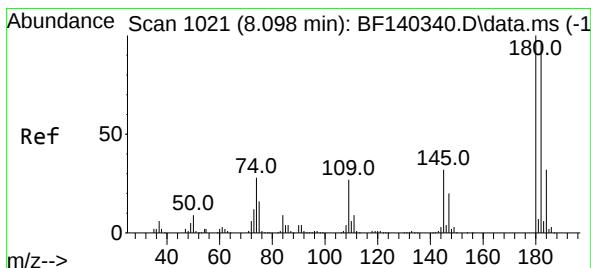
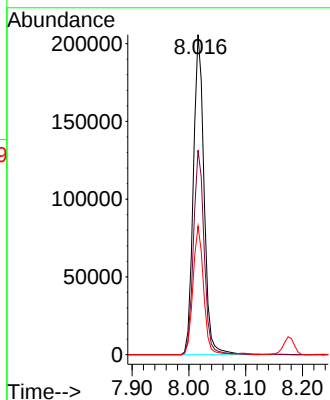
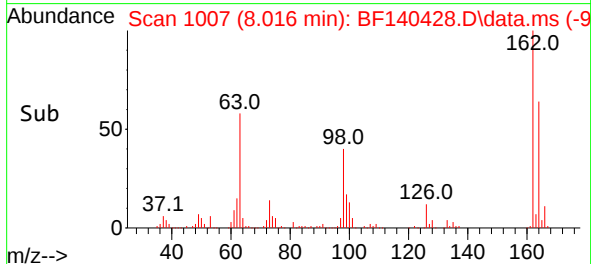
Instrument :
BNA_F
ClientSampleId :
MH-731MS



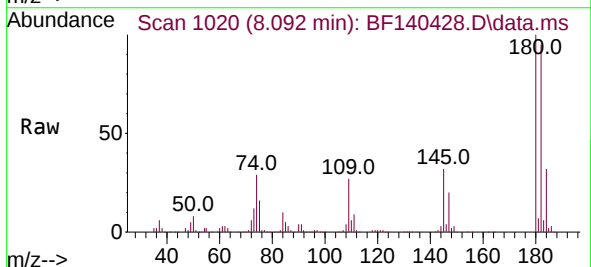
Tgt Ion:162 Resp: 272060
Ion Ratio Lower Upper
162 100
164 63.9 45.4 85.4
98 40.2 19.9 59.9

Manual Integrations
APPROVED

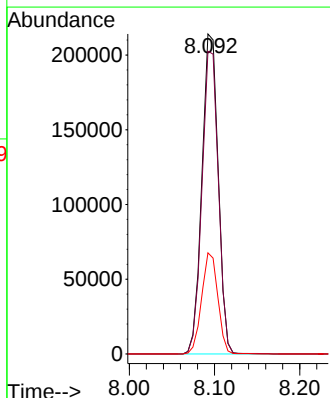
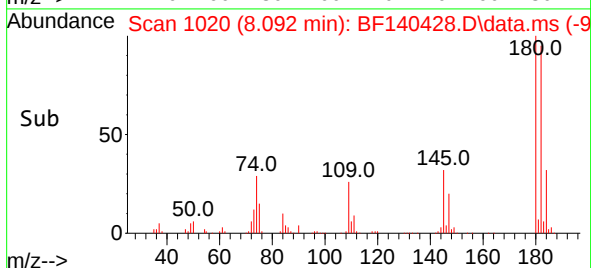
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

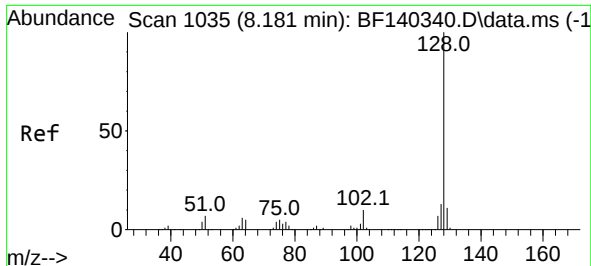


#30
1,2,4-Trichlorobenzene
Concen: 40.858 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:180 Resp: 285211
Ion Ratio Lower Upper
180 100
182 94.6 76.5 114.7
145 31.6 25.3 37.9





#31
Naphthalene
Concen: 42.647 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

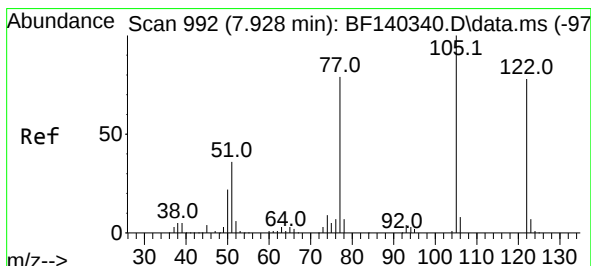
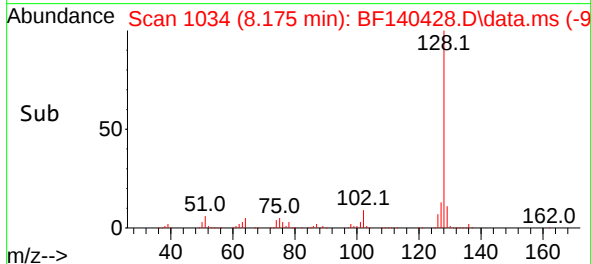
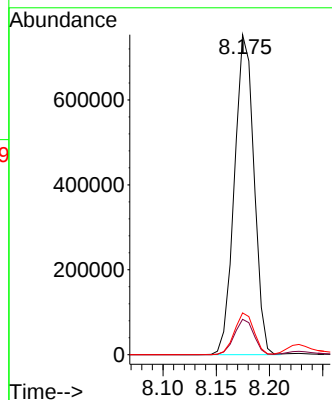
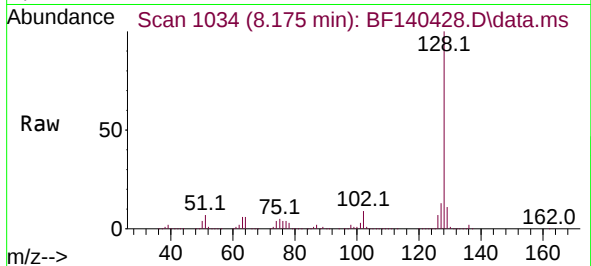
ClientSampleId :

MH-731MS

Tgt Ion:128 Resp: 96679
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.0 10.6 15.8

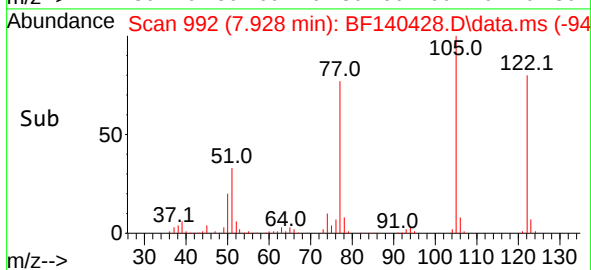
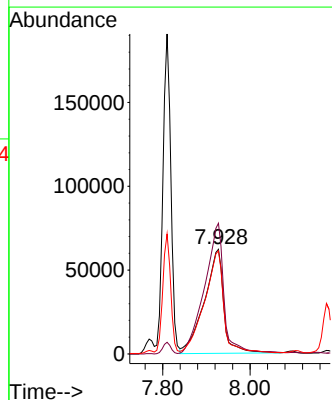
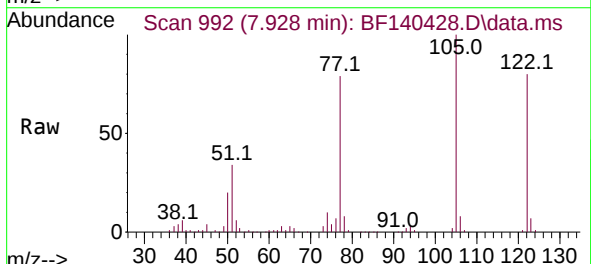
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#32
Benzoic acid
Concen: 43.247 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:122 Resp: 193064
Ion Ratio Lower Upper
122 100
105 124.9 100.9 140.9
77 98.6 76.0 116.0





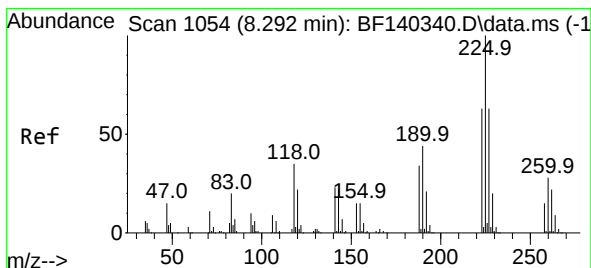
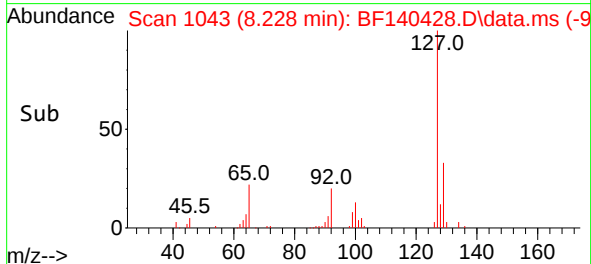
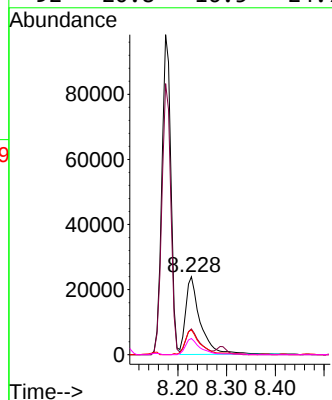
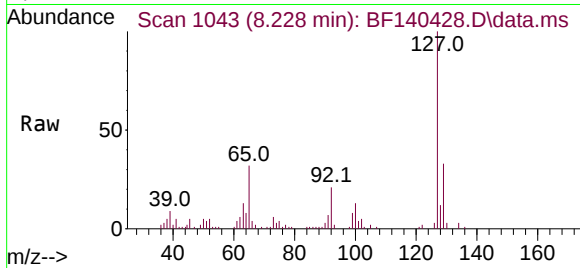
#33
4-Chloroaniline
Concen: 6.225 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Tgt Ion:	127	Resp:	49080
Ion Ratio	Lower	Upper	
127	100		
129	33.0	26.2	39.4
65	31.8	25.8	38.6
92	20.8	16.5	24.7

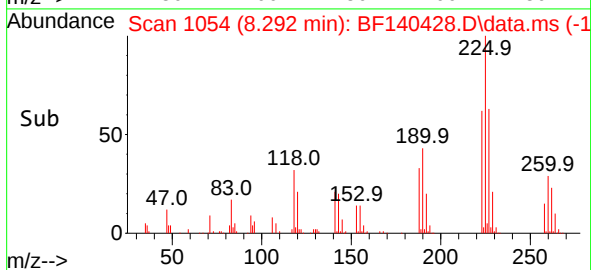
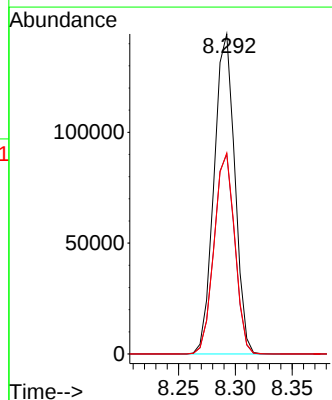
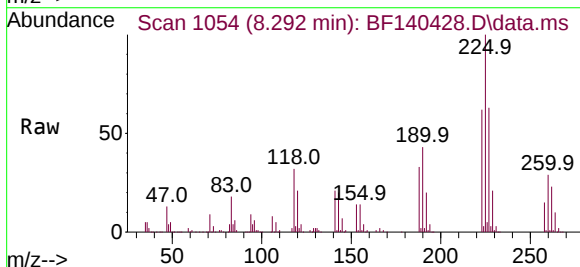
Manual Integrations
APPROVED

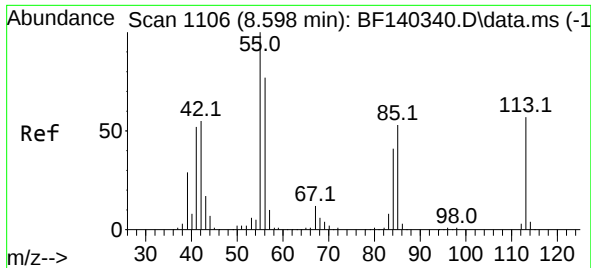
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#34
Hexachlorobutadiene
Concen: 41.208 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

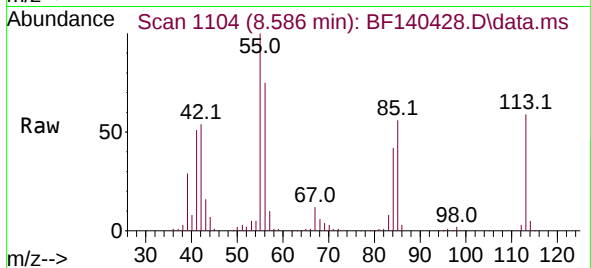
Tgt Ion:	225	Resp:	183279
Ion Ratio	Lower	Upper	
225	100		
223	62.5	50.1	75.1
227	62.8	51.3	76.9





#35
Caprolactam
Concen: 44.040 ng m
RT: 8.586 min Scan# 1104
Delta R.T. -0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

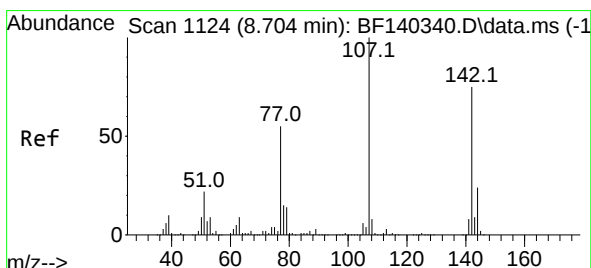
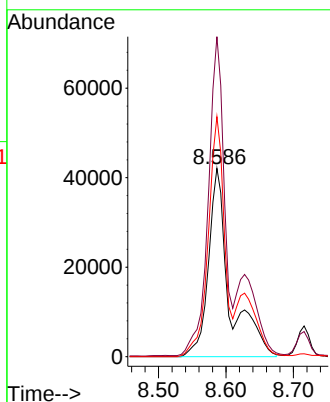
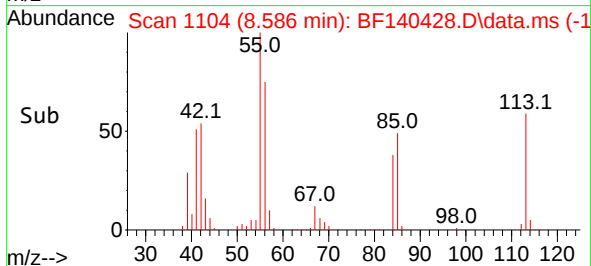
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:113 Resp: 9177
Ion Ratio Lower Upper
113 100
55 169.9 150.0 190.0
56 127.5 111.1 151.1

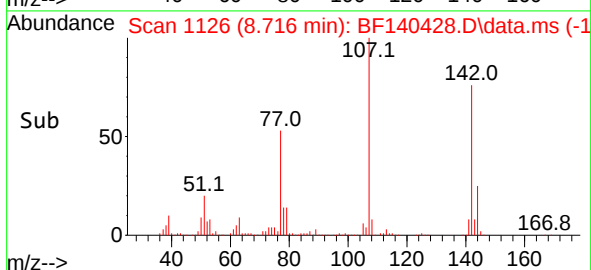
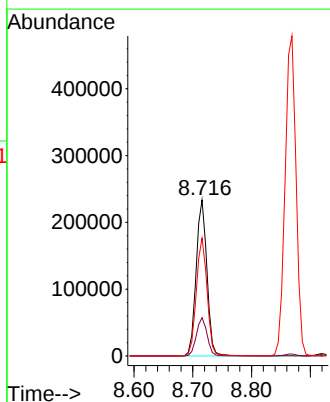
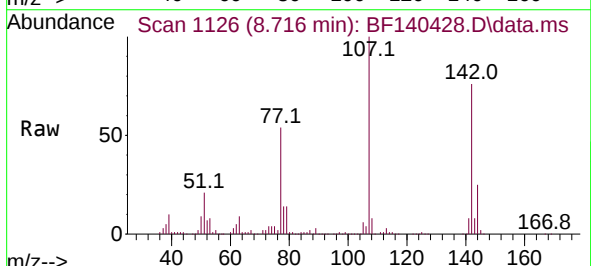
Manual Integrations
APPROVED

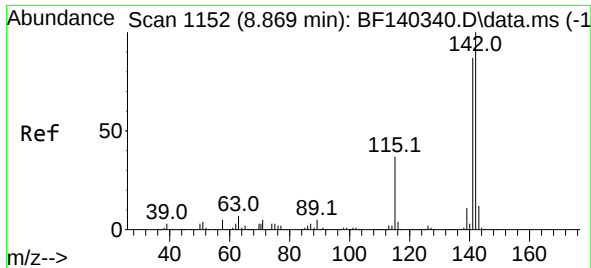
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#36
4-Chloro-3-methylphenol
Concen: 42.914 ng
RT: 8.716 min Scan# 1126
Delta R.T. 0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

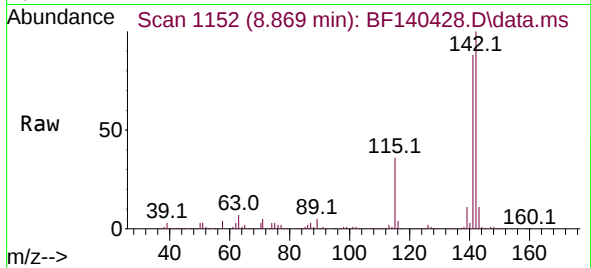
Tgt Ion:107 Resp: 298185
Ion Ratio Lower Upper
107 100
144 24.5 19.3 28.9
142 75.6 59.4 89.0





#37
2-Methylnaphthalene
Concen: 42.712 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

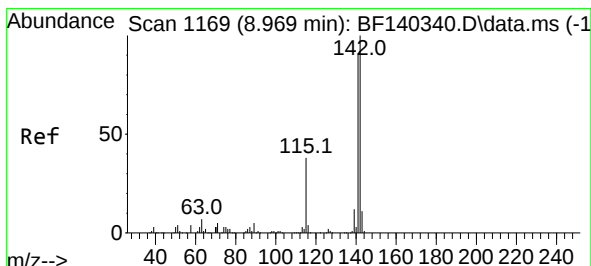
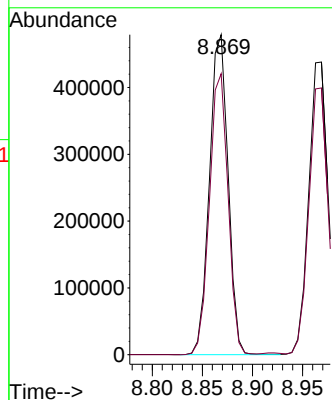
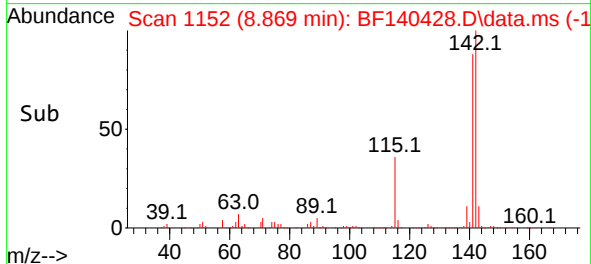
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:142 Resp: 620859
Ion Ratio Lower Upper
142 100
141 87.8 70.4 105.6

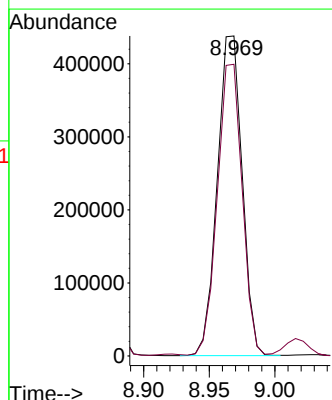
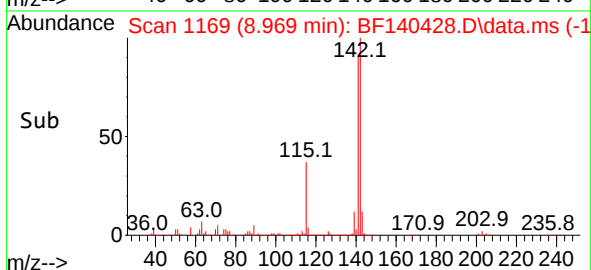
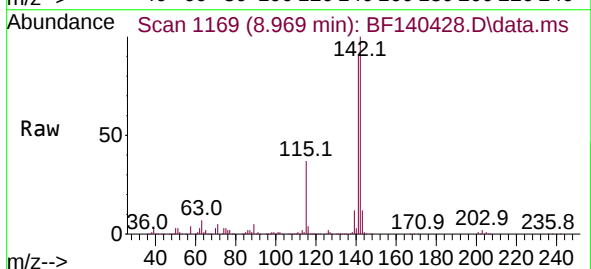
Manual Integrations
APPROVED

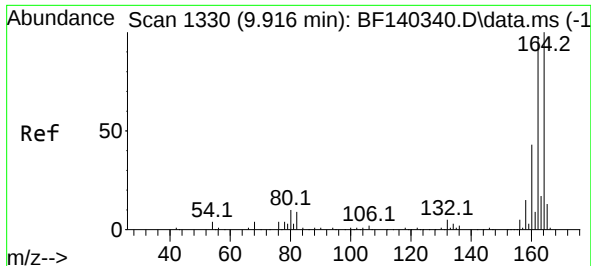
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#38
1-Methylnaphthalene
Concen: 40.477 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:142 Resp: 576160
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1180

Delta R.T. -0.006 min

Lab File: BF140428.D

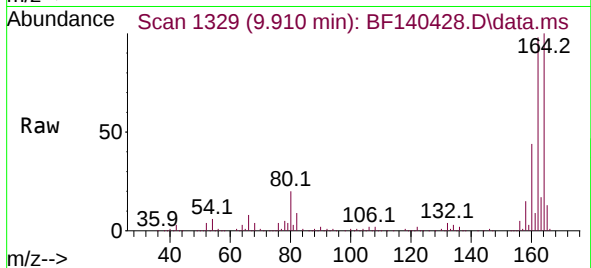
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS



Tgt Ion:164 Resp: 242650

Ion Ratio Lower Upper

164 100

162 98.1 79.8 119.8

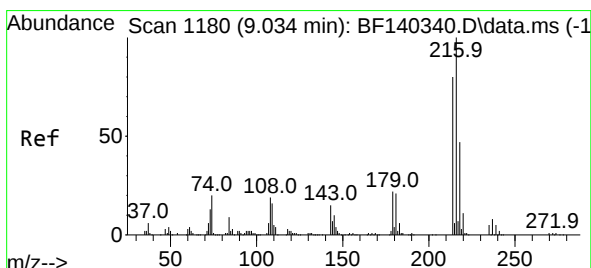
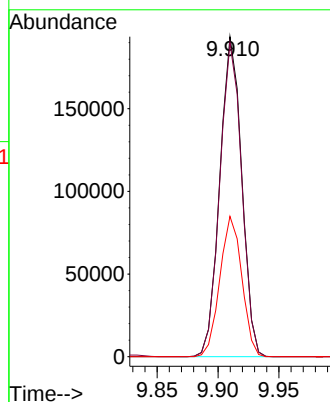
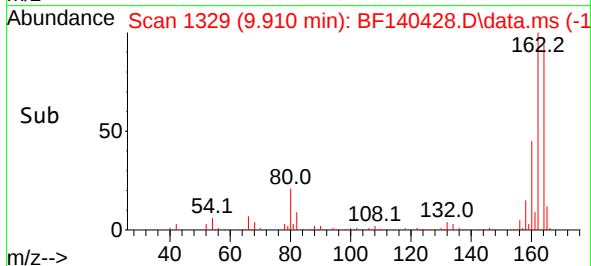
160 43.9 35.4 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.374 ng

RT: 9.033 min Scan# 1180

Delta R.T. -0.000 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Tgt Ion:216 Resp: 291051

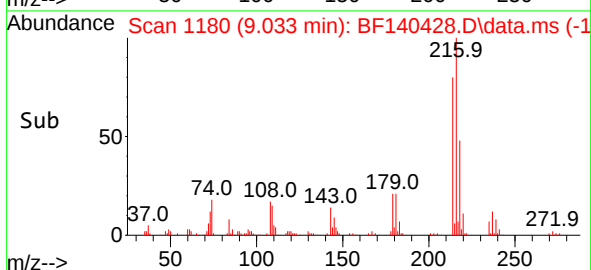
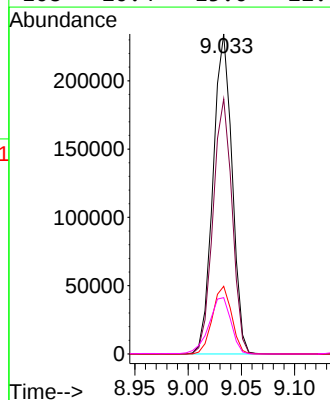
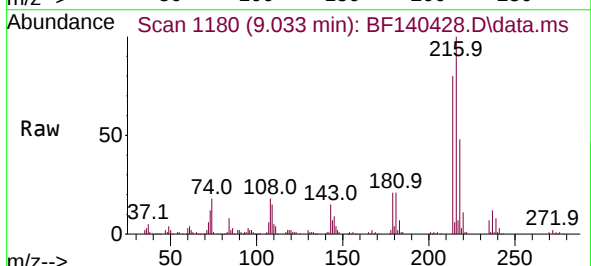
Ion Ratio Lower Upper

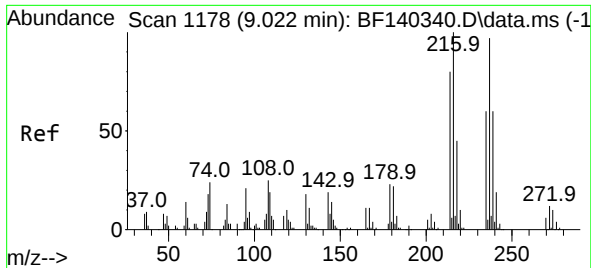
216 100

214 79.5 63.2 94.8

179 21.3 17.2 25.8

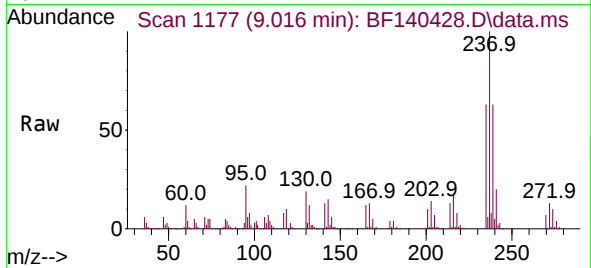
108 20.4 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 137.667 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

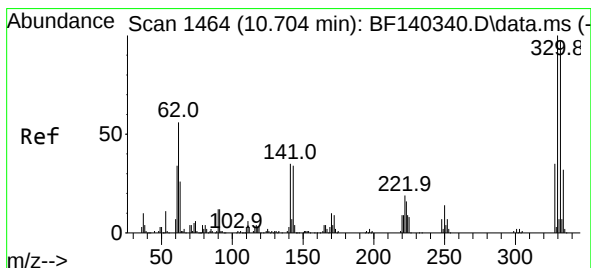
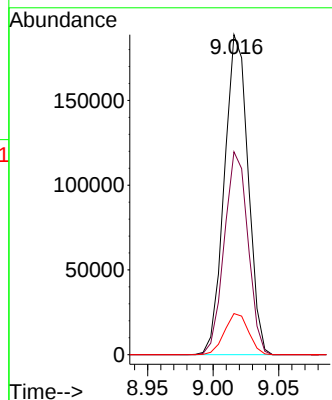
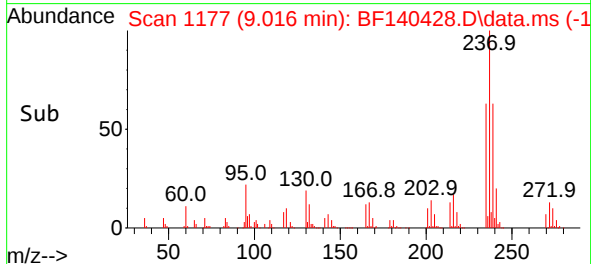
Instrument :
BNA_F
ClientSampleId :
MH-731MS



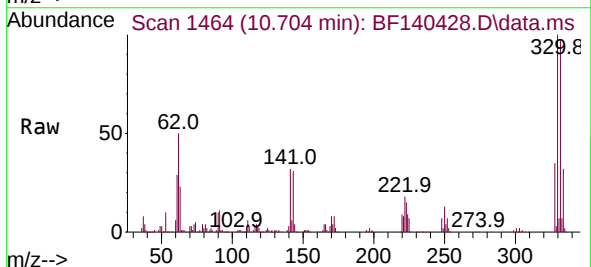
Tgt Ion:237 Resp: 23718
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 12.8 0.0 33.1

Manual Integrations
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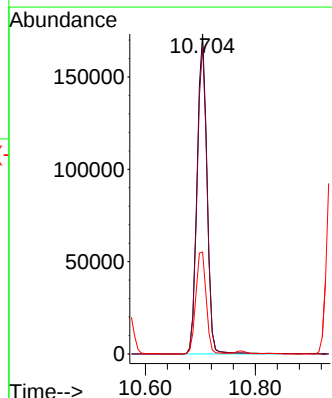
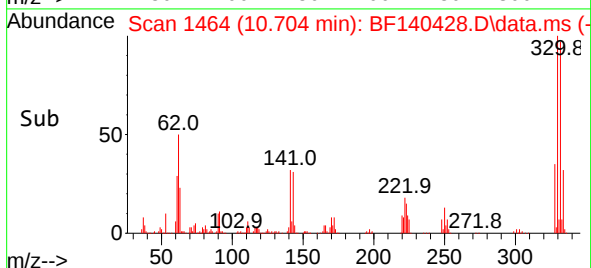
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

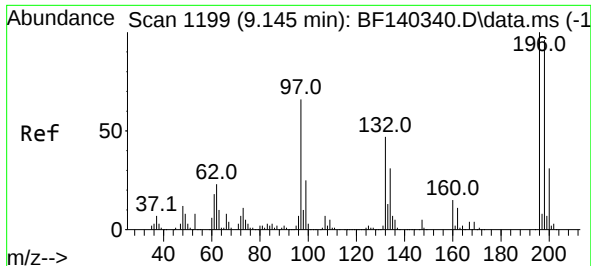


#42
2,4,6-Tribromophenol
Concen: 90.007 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



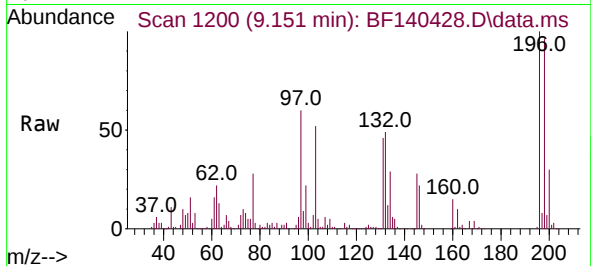
Tgt Ion:330 Resp: 217190
Ion Ratio Lower Upper
330 100
332 96.5 75.9 113.9
141 33.4 26.9 40.3





#43
2,4,6-Trichlorophenol
Concen: 44.719 ng
RT: 9.151 min Scan# 1199
Delta R.T. 0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

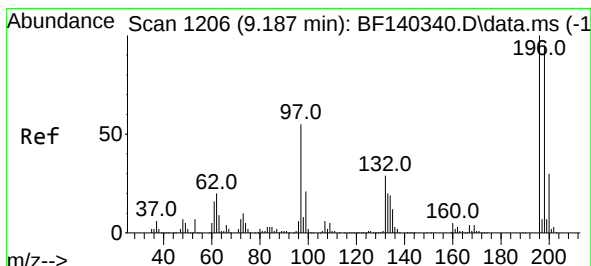
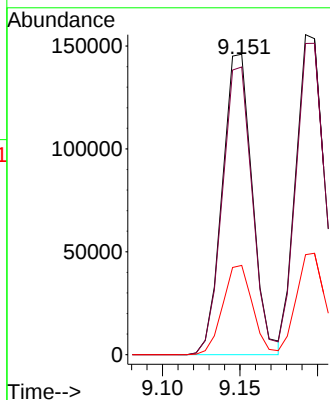
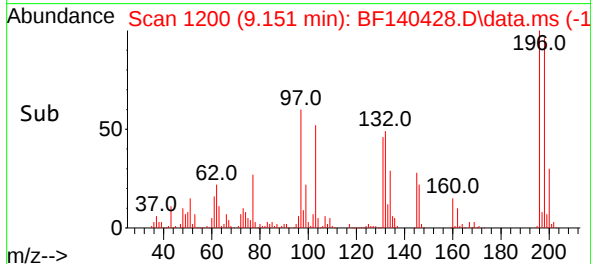
Instrument :
BNA_F
ClientSampleId :
MH-731MS



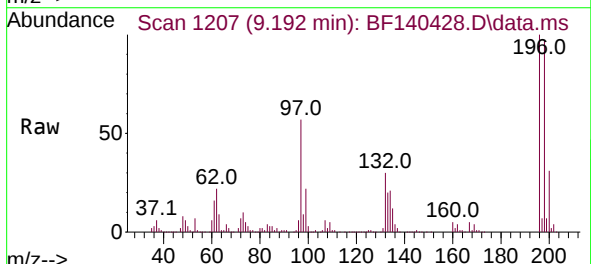
Tgt Ion:196 Resp: 196930
Ion Ratio Lower Upper
196 100
198 95.7 77.0 115.4
200 29.7 24.2 36.4

Manual Integrations
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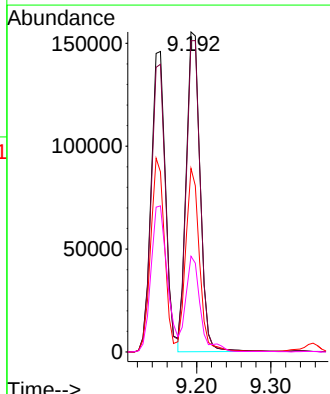
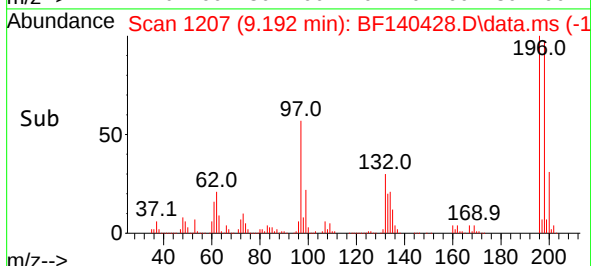
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

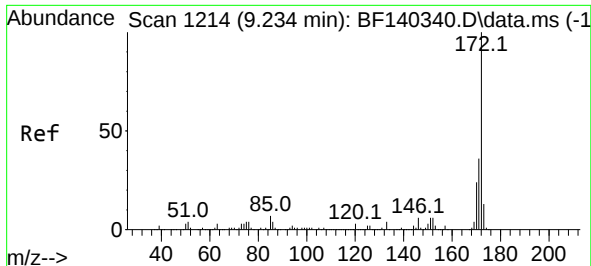


#44
2,4,5-Trichlorophenol
Concen: 42.180 ng
RT: 9.192 min Scan# 1207
Delta R.T. 0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



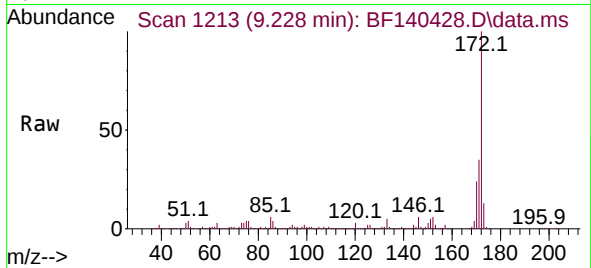
Tgt Ion:196 Resp: 203082
Ion Ratio Lower Upper
196 100
198 97.2 77.6 116.4
97 57.4 45.4 68.2
132 29.9 24.2 36.2





#45
2-Fluorobiphenyl
Concen: 60.070 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

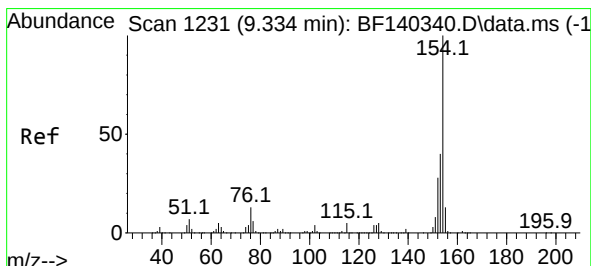
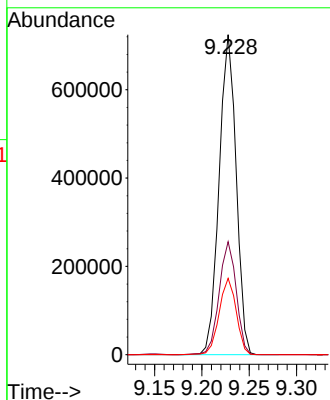
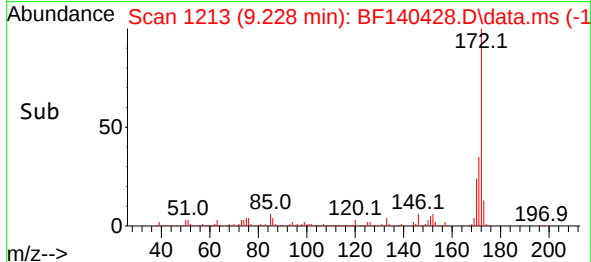
Instrument :
BNA_F
ClientSampleId :
MH-731MS



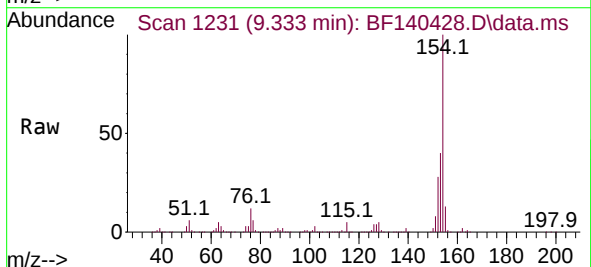
Tgt Ion:172 Resp: 90674
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.8 19.1 28.7

Manual Integrations
APPROVED

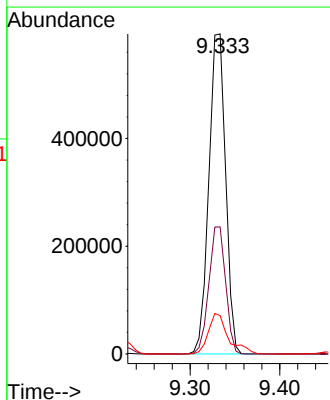
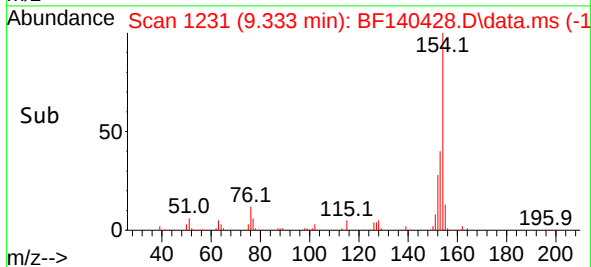
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

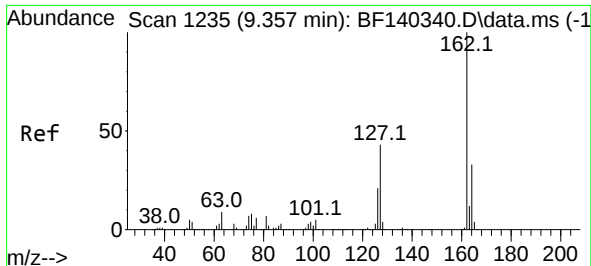


#46
1,1'-Biphenyl
Concen: 43.595 ng
RT: 9.333 min Scan# 1231
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:154 Resp: 769583
Ion Ratio Lower Upper
154 100
153 39.7 20.4 60.4
76 12.0 0.0 32.9





#47

2-Chloronaphthalene

Concen: 42.528 ng

RT: 9.357 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

Tgt Ion:162 Resp: 571894

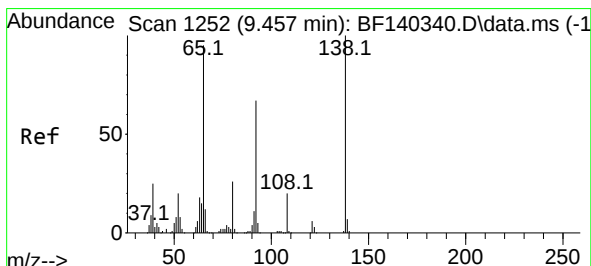
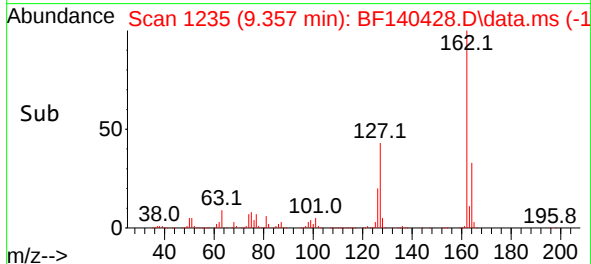
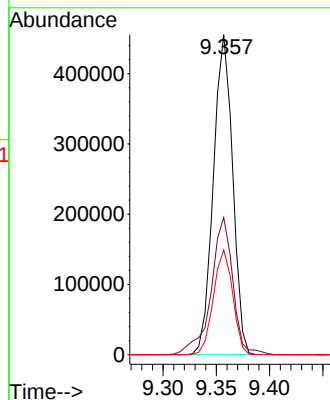
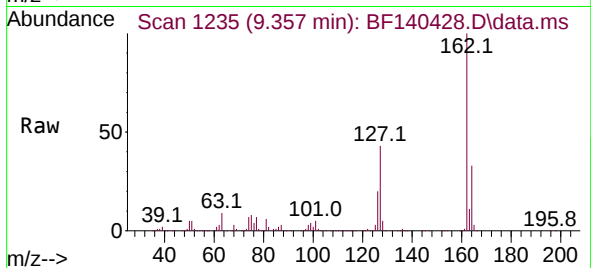
Ion	Ratio	Lower	Upper
162	100		
127	42.9	34.0	51.0
164	32.8	26.5	39.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#48

2-Nitroaniline

Concen: 44.902 ng

RT: 9.457 min Scan# 1252

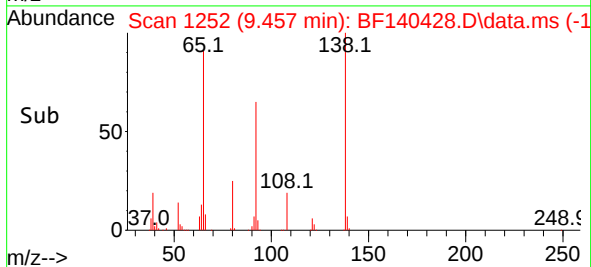
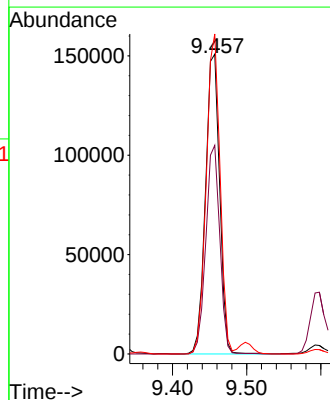
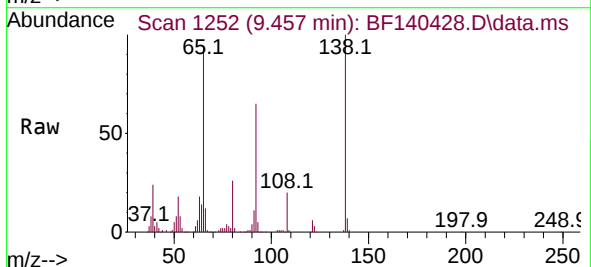
Delta R.T. -0.000 min

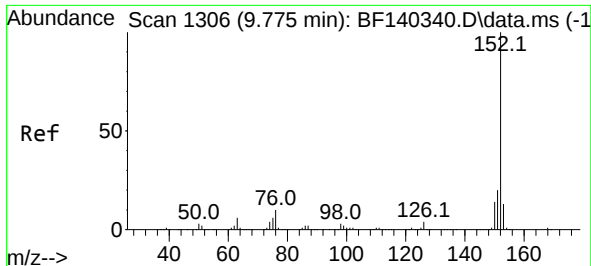
Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Tgt Ion: 65 Resp: 200249

Ion	Ratio	Lower	Upper
65	100		
92	69.6	56.4	84.6
138	106.7	84.8	127.2





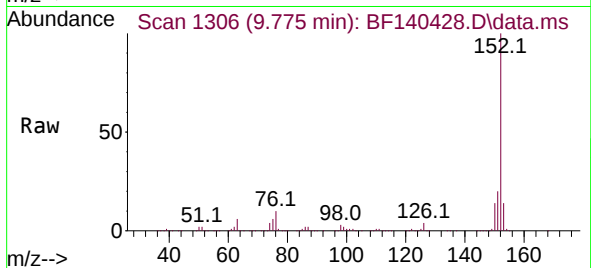
#49
Acenaphthylene
Concen: 46.667 ng
RT: 9.775 min Scan# 1306
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS



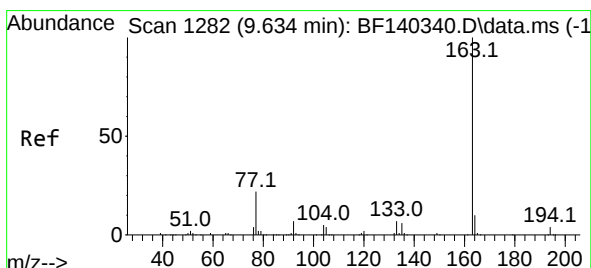
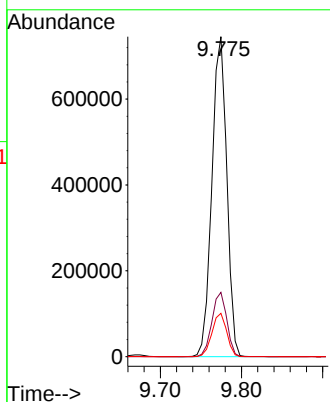
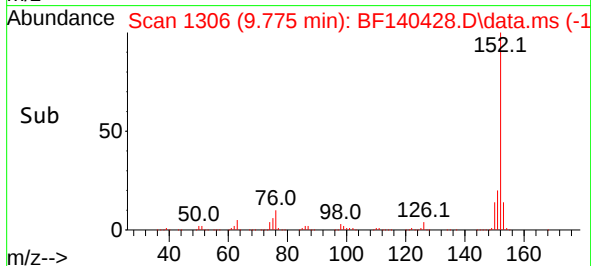
Tgt Ion:152 Resp: 949486
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 13.6 10.7 16.1

Manual Integrations

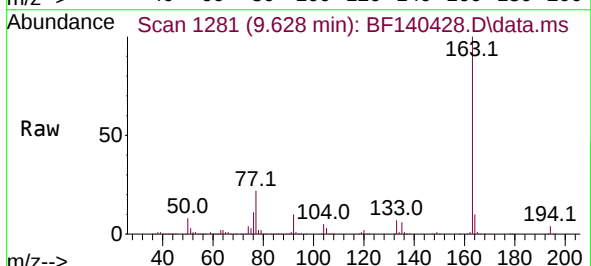
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

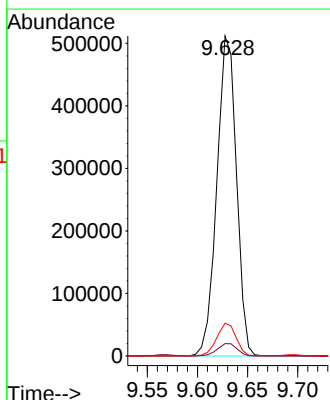
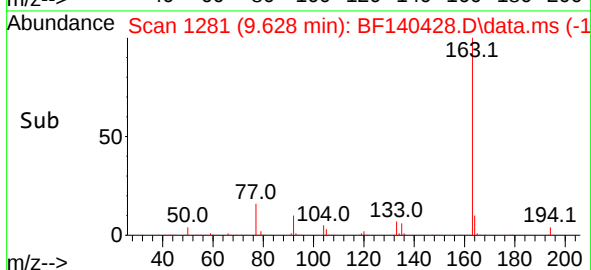
Supervised By :mohammad ahmed 11/19/2024

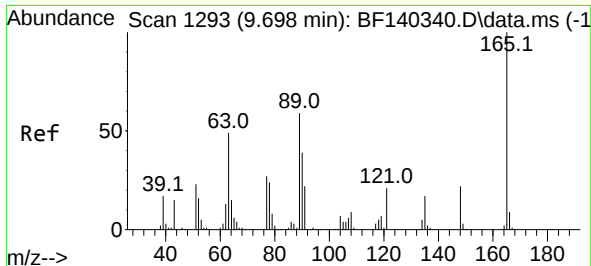


#50
Dimethylphthalate
Concen: 43.915 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:163 Resp: 694586
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.3 8.2 12.4





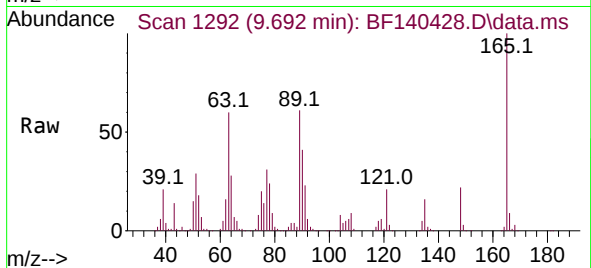
#51
2,6-Dinitrotoluene
Concen: 42.397 ng
RT: 9.692 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS



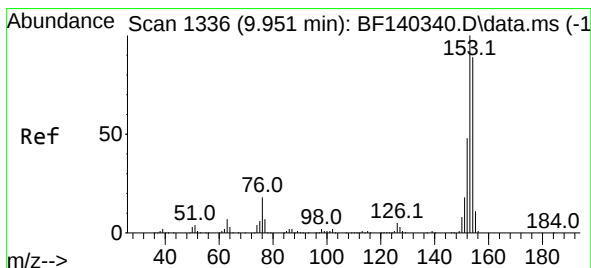
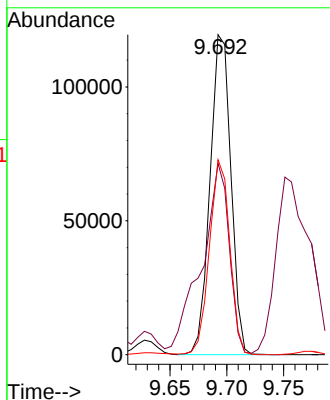
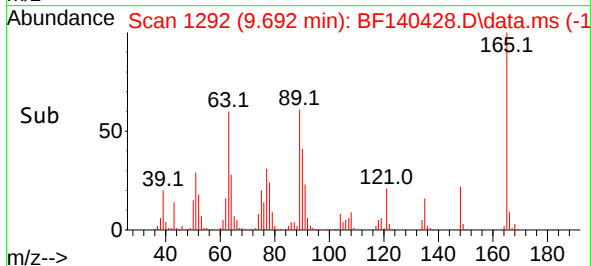
Tgt Ion:165 Resp: 152879
Ion Ratio Lower Upper
165 100
63 59.8 47.6 71.4
89 60.9 48.1 72.1

Manual Integrations

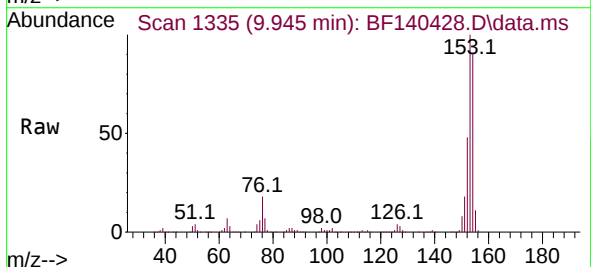
APPROVED

Reviewed By :Yogesh Patel 11/19/2024

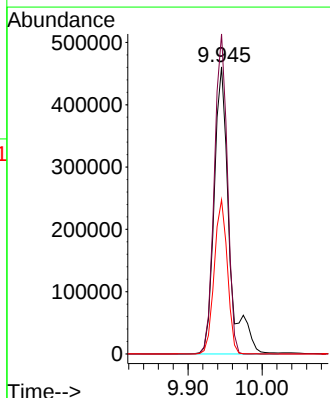
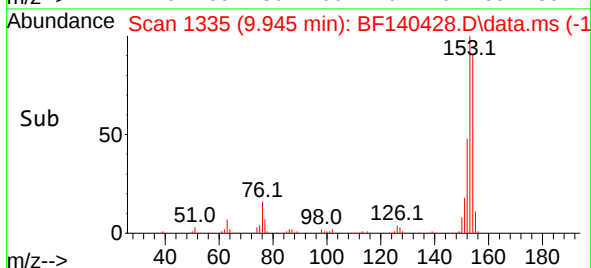
Supervised By :mohammad ahmed 11/19/2024

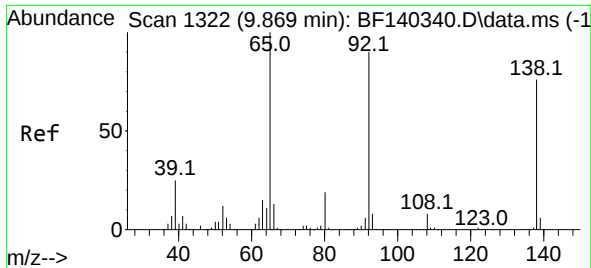


#52
Acenaphthene
Concen: 46.984 ng
RT: 9.945 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:154 Resp: 645657
Ion Ratio Lower Upper
154 100
153 111.5 89.8 134.8
152 53.7 42.6 64.0





#53
3-Nitroaniline
Concen: 19.429 ng
RT: 9.863 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

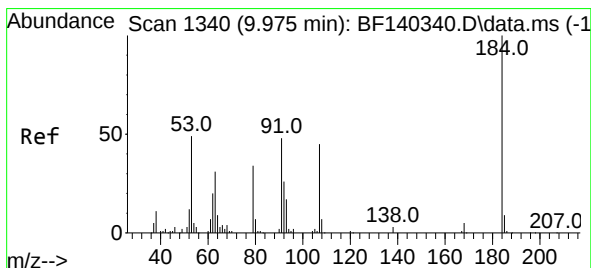
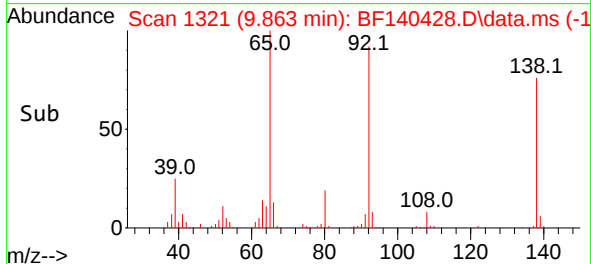
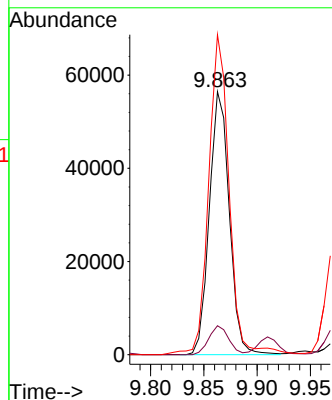
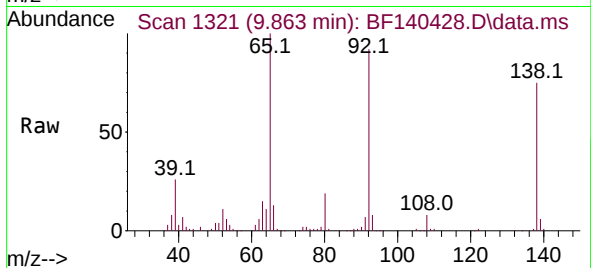
ClientSampleId :

MH-731MS

Tgt Ion:138 Resp: 73574
Ion Ratio Lower Upper
138 100
108 11.0 8.4 12.6
92 121.7 95.5 143.3

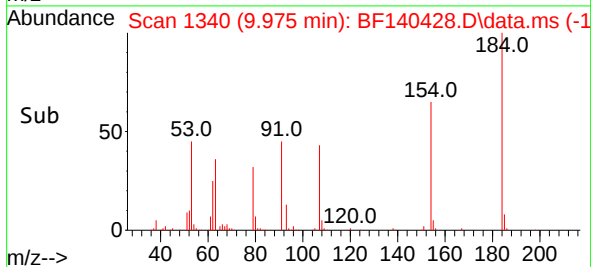
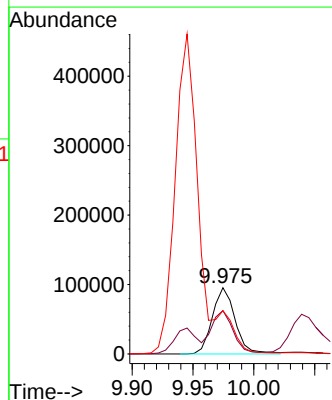
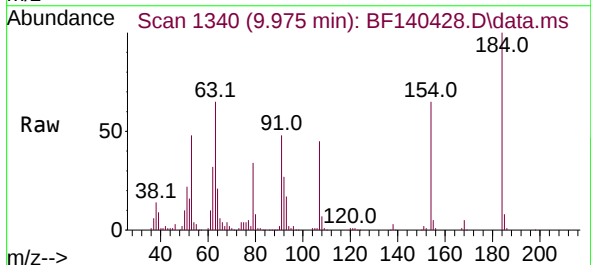
Manual Integrations
APPROVED

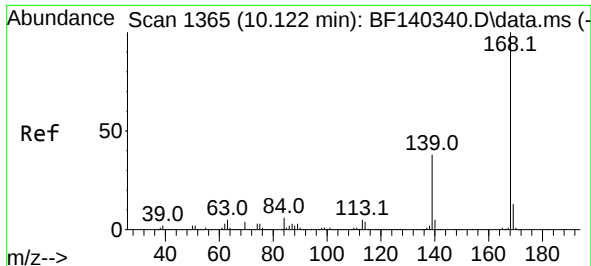
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#54
2,4-Dinitrophenol
Concen: 67.047 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

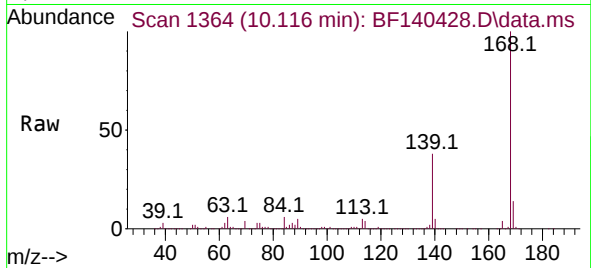
Tgt Ion:184 Resp: 124670
Ion Ratio Lower Upper
184 100
63 65.5 53.5 80.3
154 65.2 51.3 76.9





#55
Dibenzenofuran
Concen: 44.805 ng
RT: 10.116 min Scan# 1364
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

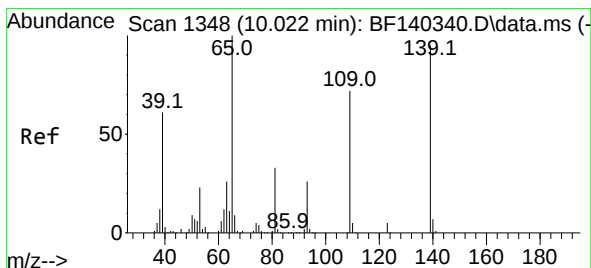
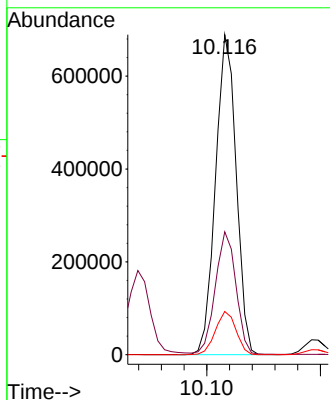
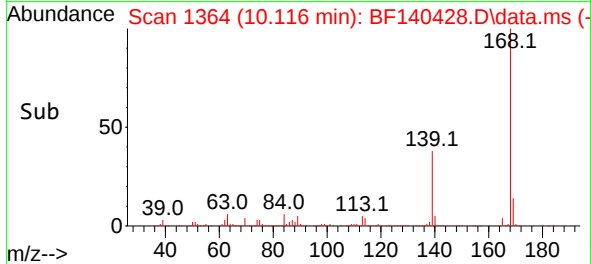
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:168 Resp: 87163
Ion Ratio Lower Upper
168 100
139 38.4 30.8 46.2
169 13.5 10.8 16.2

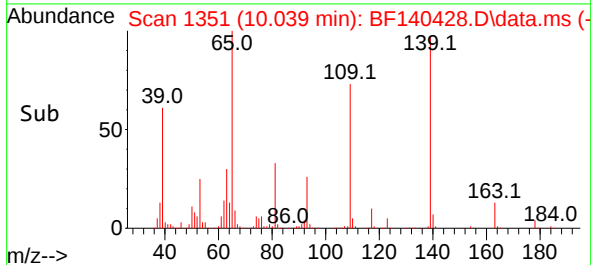
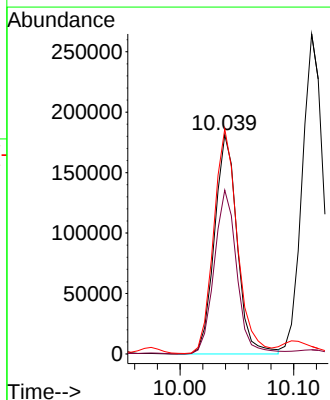
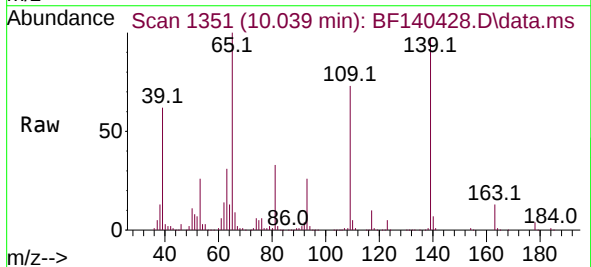
Manual Integrations
APPROVED

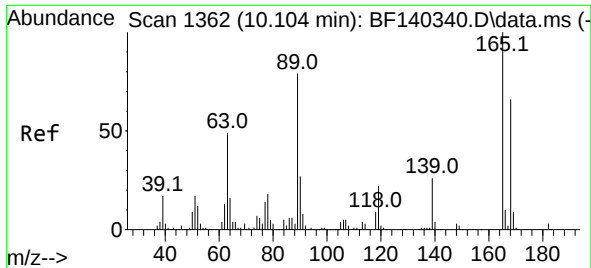
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#56
4-Nitrophenol
Concen: 90.782 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.018 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:139 Resp: 250750
Ion Ratio Lower Upper
139 100
109 74.8 54.5 94.5
65 102.7 84.4 124.4





#57
2,4-Dinitrotoluene
Concen: 44.881 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

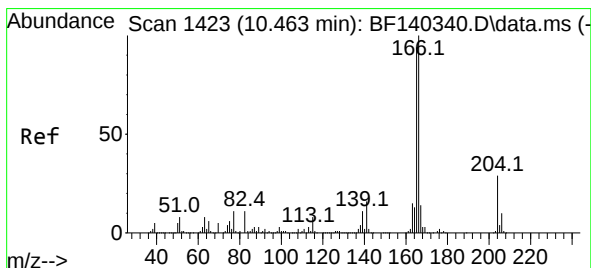
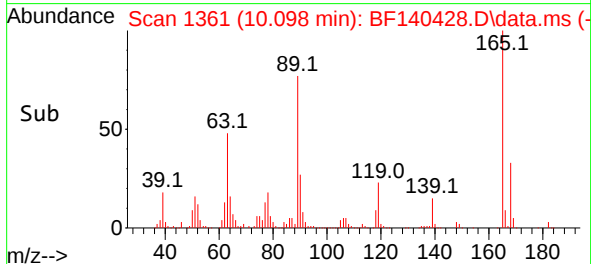
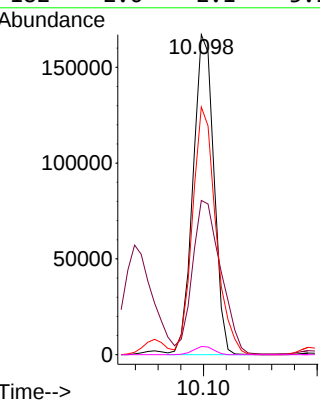
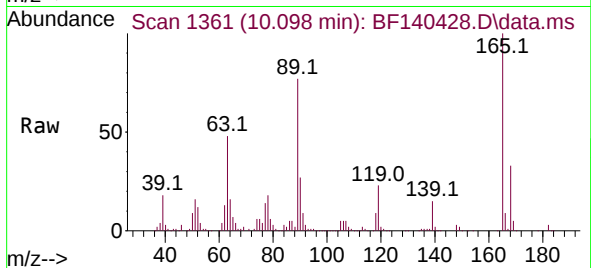
MH-731MS

Tgt Ion:165 Resp: 212980
Ion Ratio Lower Upper
165 100
63 48.2 39.4 59.0
89 77.4 62.4 93.6
182 2.6 2.1 3.1

Manual Integrations

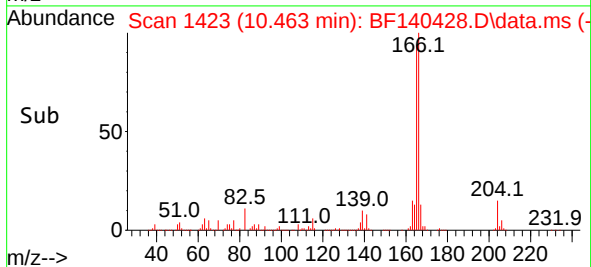
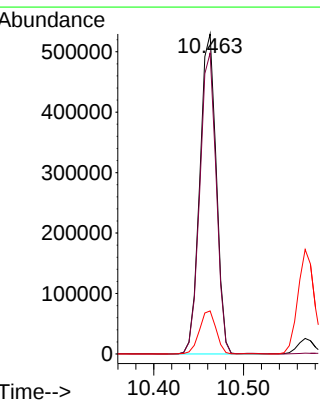
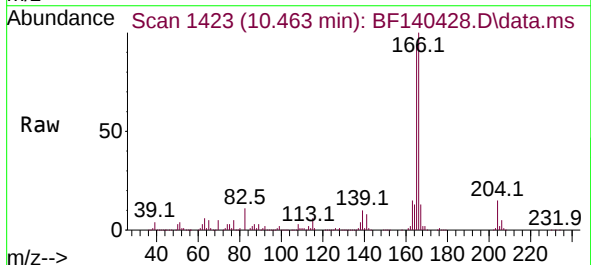
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#58
Fluorene
Concen: 43.833 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

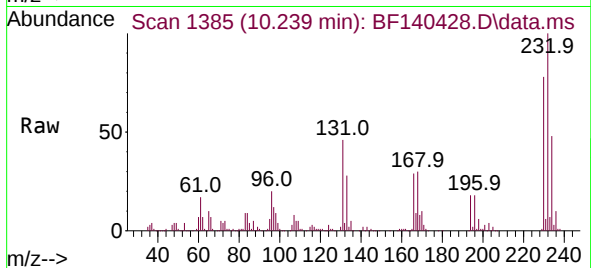
Tgt Ion:166 Resp: 673630
Ion Ratio Lower Upper
166 100
165 94.1 73.9 110.9
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.264 ng
RT: 10.239 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

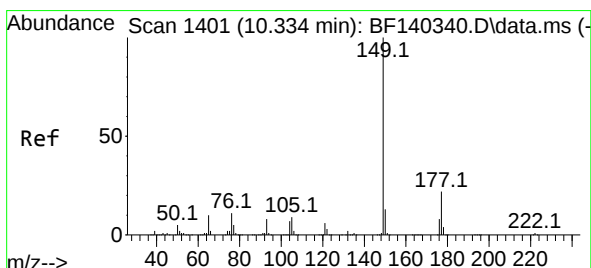
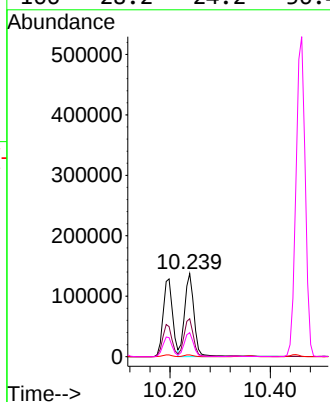
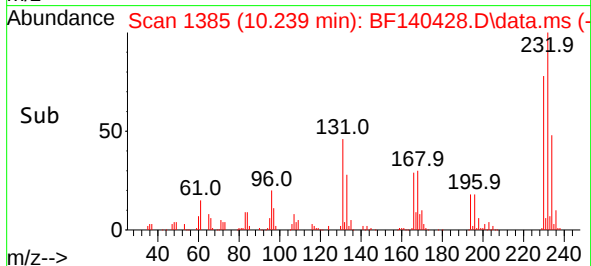
Instrument :
BNA_F
ClientSampleId :
MH-731MS



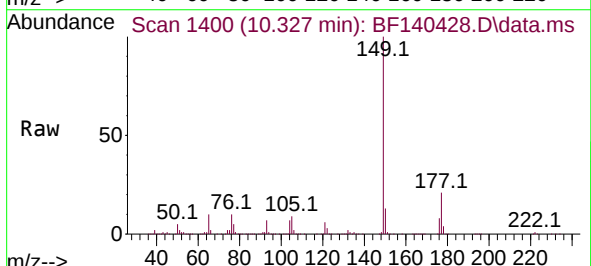
Tgt Ion:232 Resp: 17967
Ion Ratio Lower Upper
232 100
131 44.9 36.8 55.2
130 2.2 1.9 2.9
166 28.2 24.2 36.4

Manual Integrations
APPROVED

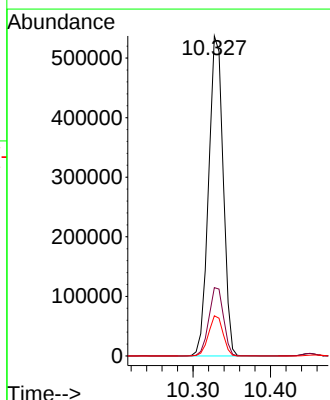
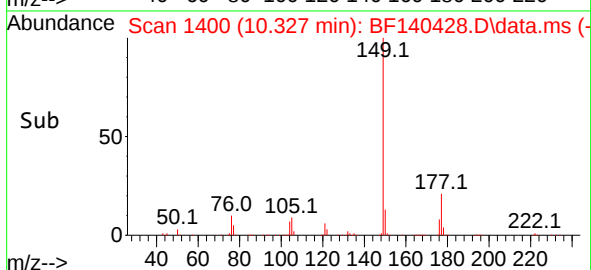
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

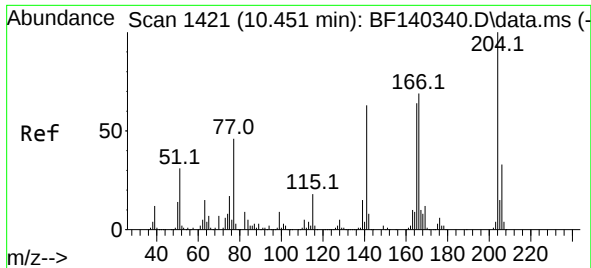


#60
Diethylphthalate
Concen: 43.279 ng
RT: 10.327 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:149 Resp: 699958
Ion Ratio Lower Upper
149 100
177 21.3 17.5 26.3
150 12.6 10.1 15.1





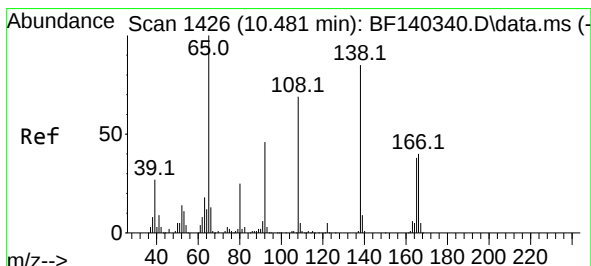
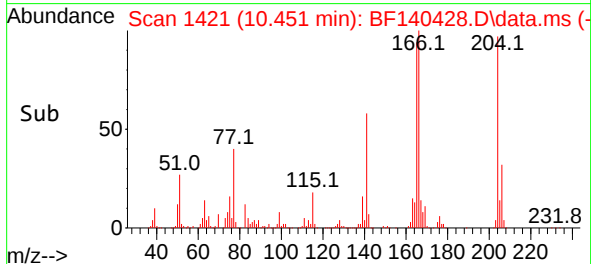
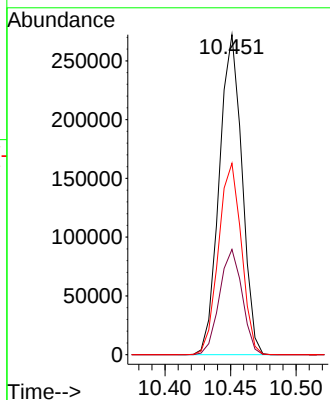
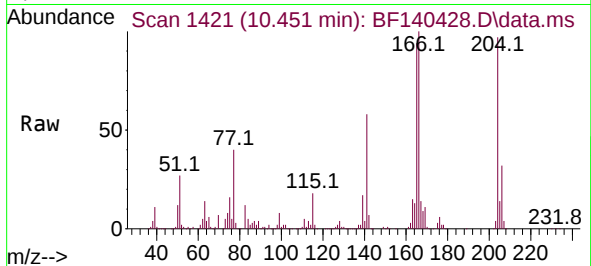
#61
4-Chlorophenyl-phenylether
Concen: 43.210 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Tgt Ion:204 Resp: 32784
Ion Ratio Lower Upper
204 100
206 32.9 26.0 39.0
141 59.8 49.8 74.8

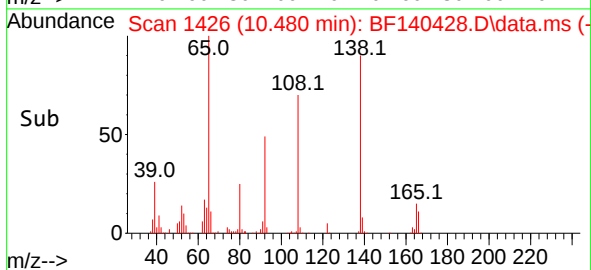
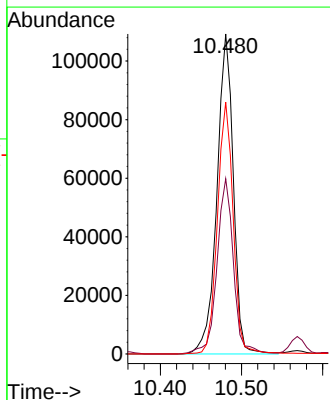
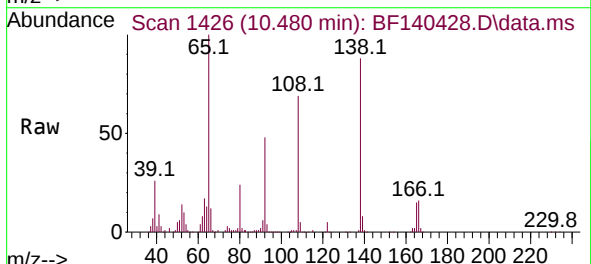
Manual Integrations
APPROVED

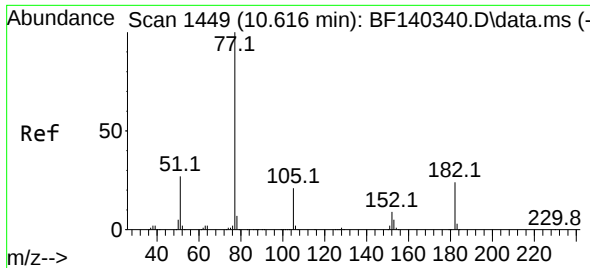
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#62
4-Nitroaniline
Concen: 39.774 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

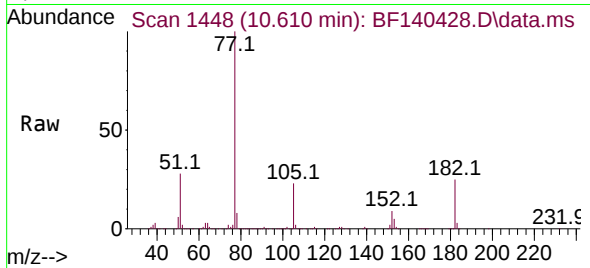
Tgt Ion:138 Resp: 154002
Ion Ratio Lower Upper
138 100
92 54.7 33.8 73.8
108 78.7 59.9 99.9





#63
Azobenzene
Concen: 48.400 ng
RT: 10.610 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

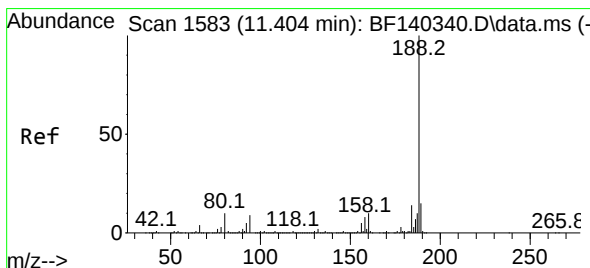
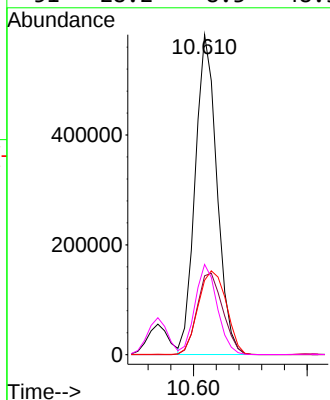
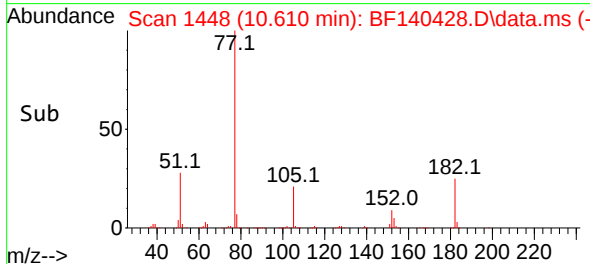
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion: 77 Resp: 77343
Ion Ratio Lower Upper
77 100
182 24.6 4.6 44.6
105 23.2 0.9 40.9
51 28.2 8.3 48.3

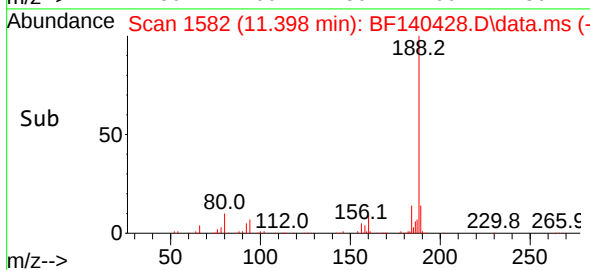
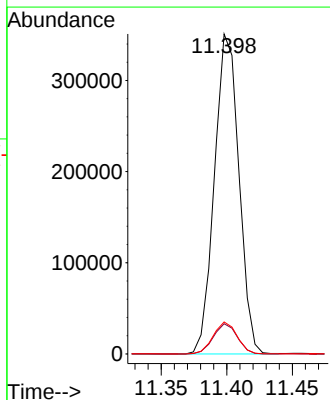
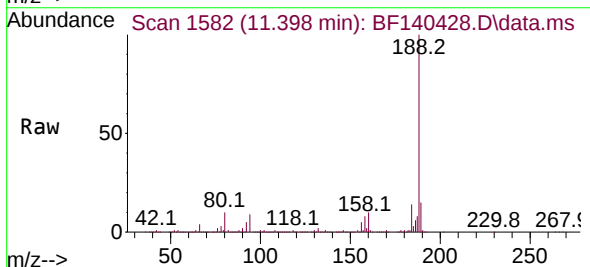
Manual Integrations
APPROVED

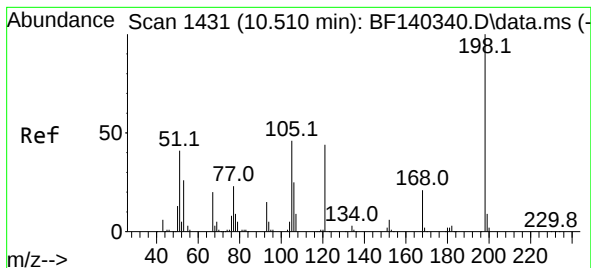
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:188 Resp: 455463
Ion Ratio Lower Upper
188 100
94 9.4 7.6 11.4
80 10.0 8.0 12.0





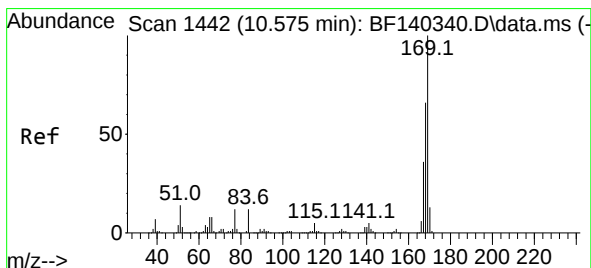
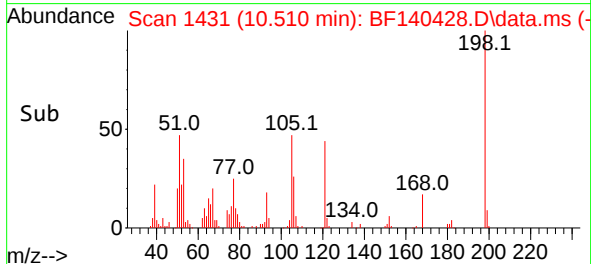
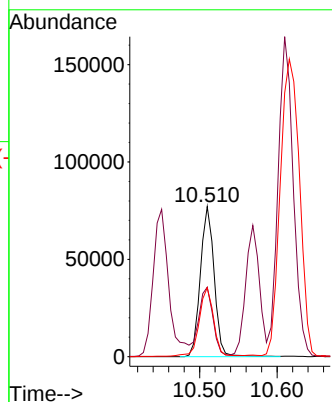
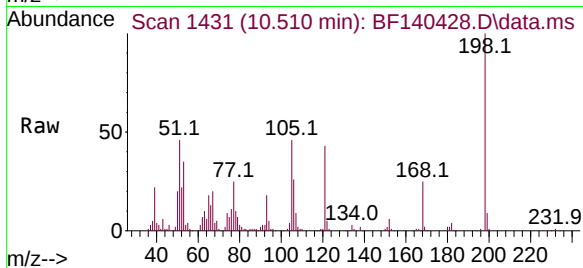
#65
4,6-Dinitro-2-methylphenol
Concen: 39.045 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Tgt Ion:198 Resp: 95680
Ion Ratio Lower Upper
198 100
51 46.3 29.7 69.7
105 45.9 26.3 66.3

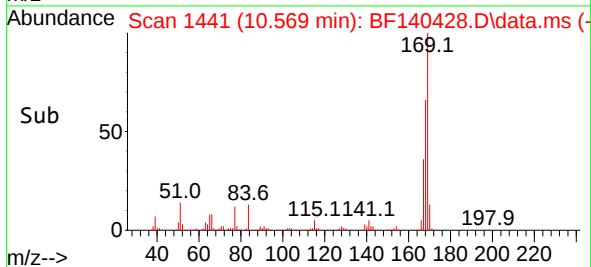
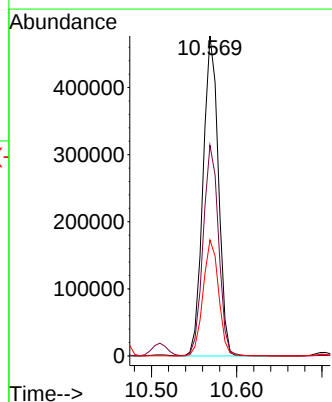
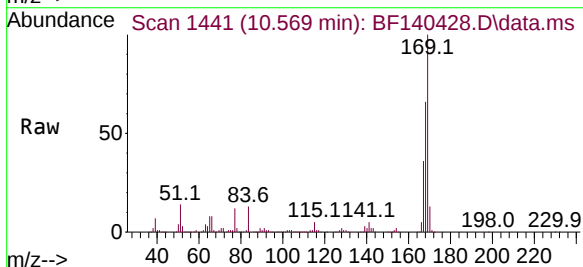
Manual Integrations
APPROVED

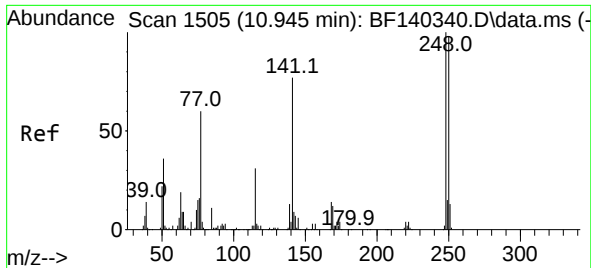
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#66
n-Nitrosodiphenylamine
Concen: 45.309 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:169 Resp: 596256
Ion Ratio Lower Upper
169 100
168 65.9 52.7 79.1
167 36.3 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 43.280 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

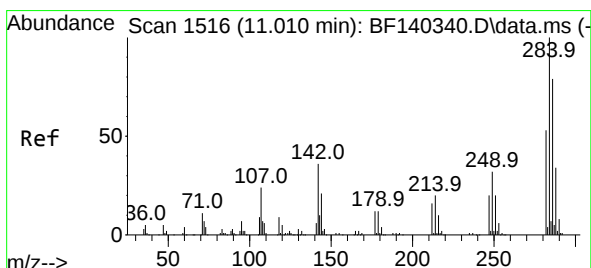
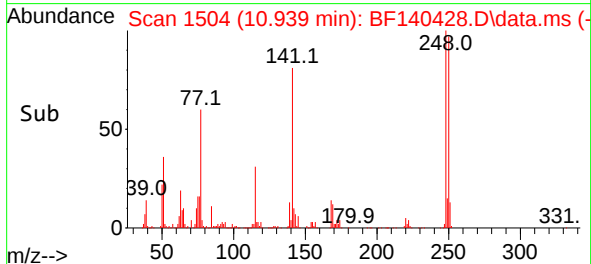
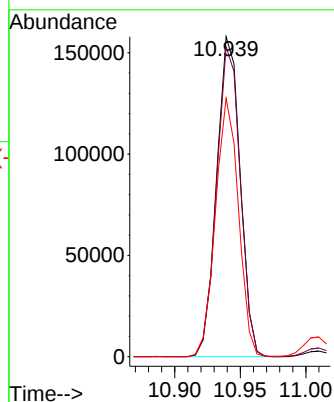
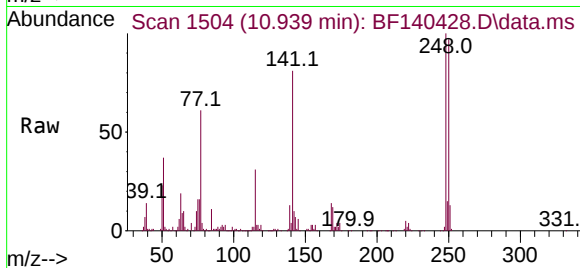
ClientSampleId :

MH-731MS

Tgt Ion:248 Resp: 19704
Ion Ratio Lower Upper
248 100
250 96.8 77.9 116.9
141 80.7 61.8 92.6

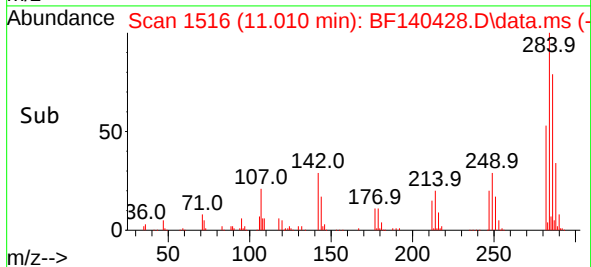
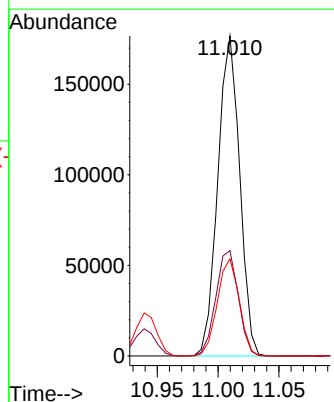
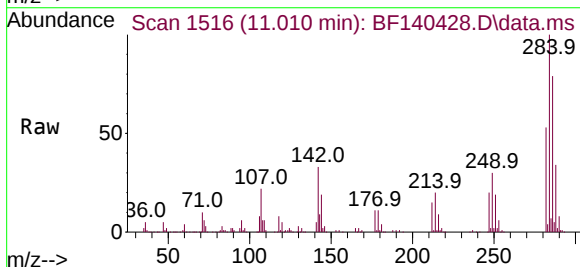
Manual Integrations
APPROVED

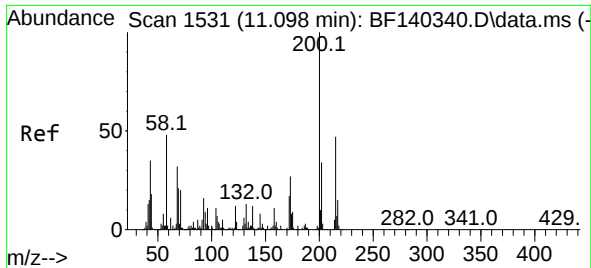
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#68
Hexachlorobenzene
Concen: 43.131 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

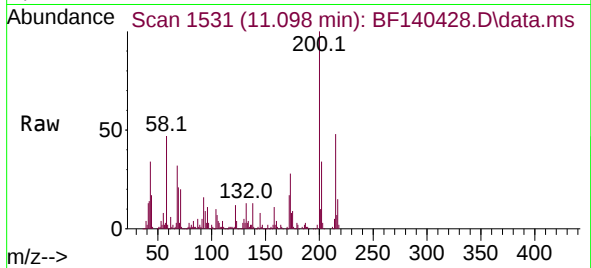
Tgt Ion:284 Resp: 220943
Ion Ratio Lower Upper
284 100
142 32.9 28.1 42.1
249 30.4 24.9 37.3





#69
 Atrazine
 Concen: 48.558 ng
 RT: 11.098 min Scan# 1531
 Delta R.T. -0.000 min
 Lab File: BF140428.D
 Acq: 16 Nov 2024 14:31

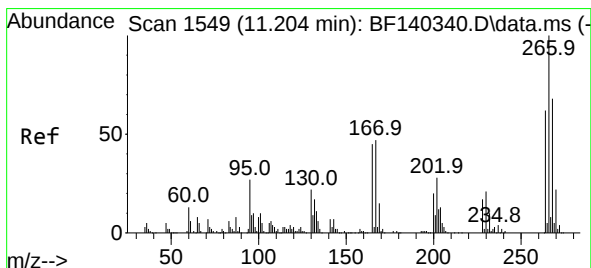
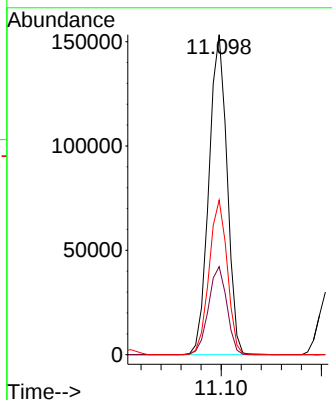
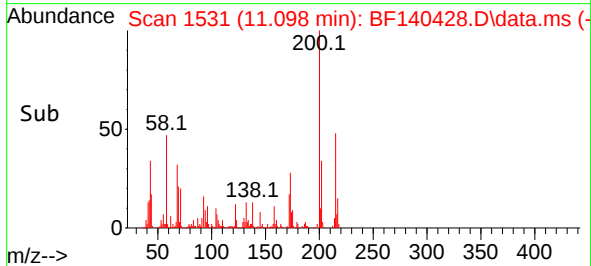
Instrument :
 BNA_F
 ClientSampleId :
 MH-731MS



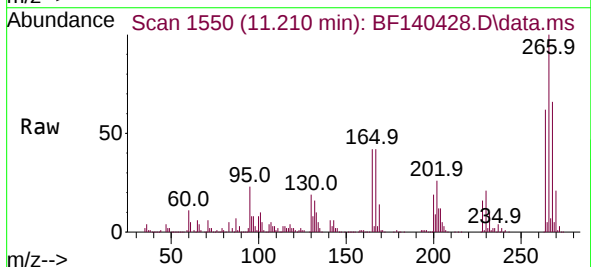
Tgt Ion:200 Resp: 19333
 Ion Ratio Lower Upper
 200 100
 173 27.5 6.6 46.6
 215 48.3 27.2 67.2

Manual Integrations
 APPROVED

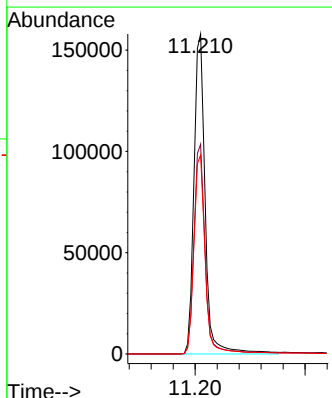
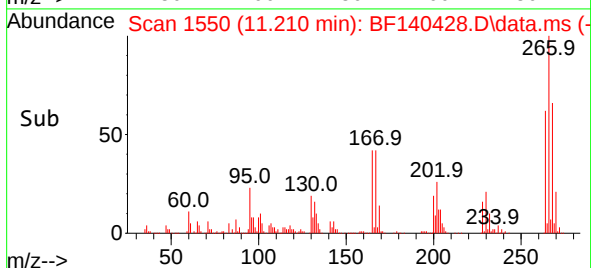
Reviewed By :Yogesh Patel 11/19/2024
 Supervised By :mohammad ahmed 11/19/2024

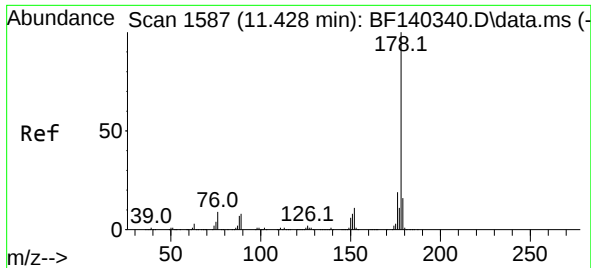


#70
 Pentachlorophenol
 Concen: 81.265 ng
 RT: 11.210 min Scan# 1550
 Delta R.T. 0.006 min
 Lab File: BF140428.D
 Acq: 16 Nov 2024 14:31



Tgt Ion:266 Resp: 224242
 Ion Ratio Lower Upper
 266 100
 268 65.5 52.9 79.3
 264 62.2 50.3 75.5





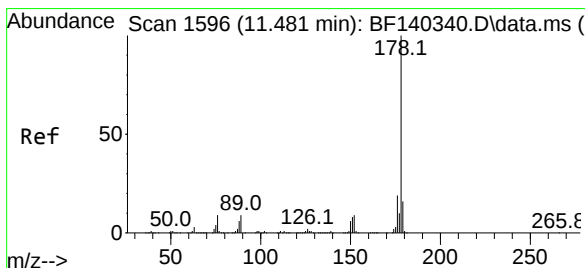
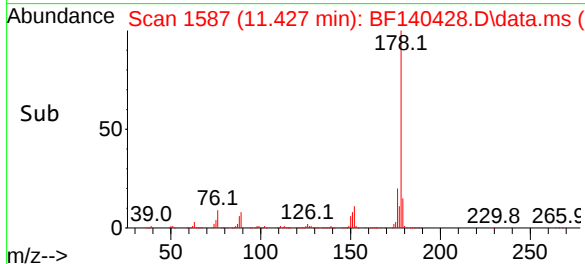
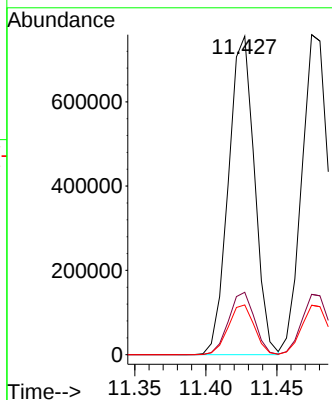
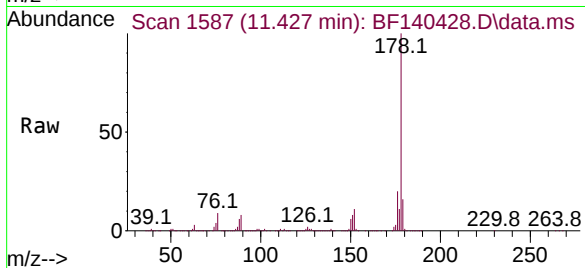
#71
Phenanthrene
Concen: 45.088 ng
RT: 11.427 min Scan# 1587
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Instrument :
BNA_F
ClientSampleId :
MH-731MS

Tgt Ion:178 Resp: 964680
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 15.6 12.4 18.6

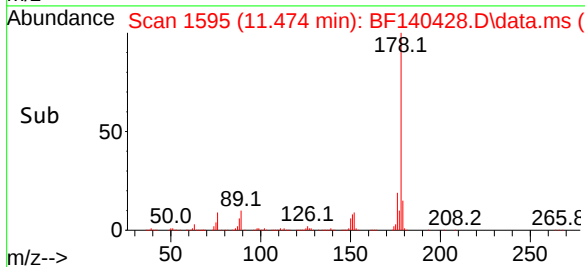
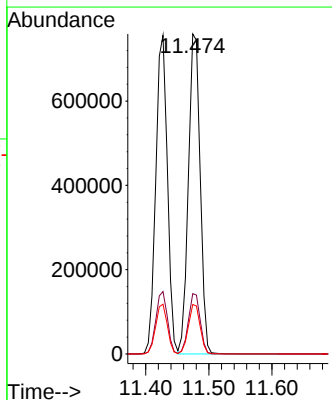
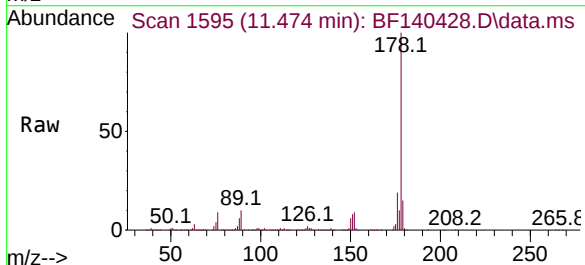
Manual Integrations
APPROVED

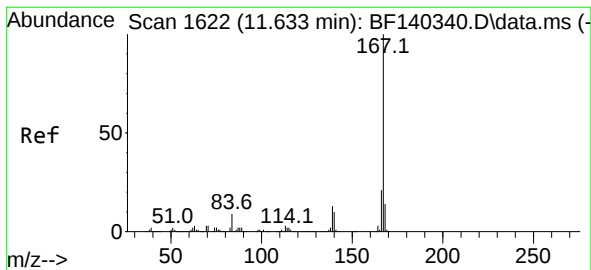
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#72
Anthracene
Concen: 47.117 ng
RT: 11.474 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:178 Resp: 988005
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.5 12.6 18.8





#73

Carbazole

Concen: 44.606 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.000 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

Tgt Ion:167 Resp: 923569

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

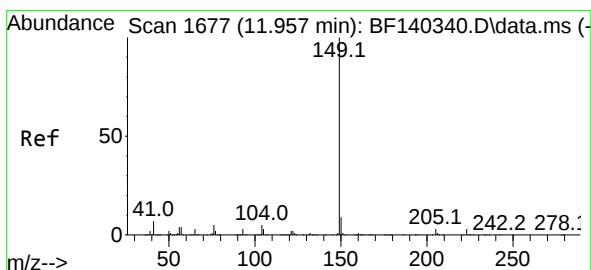
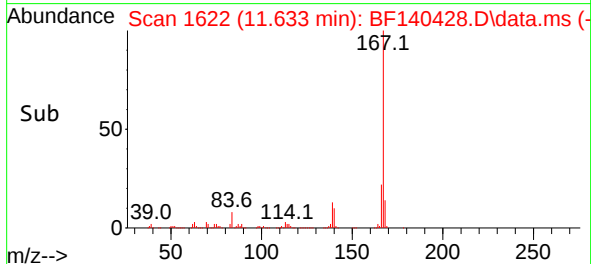
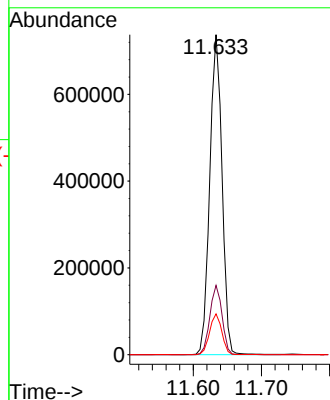
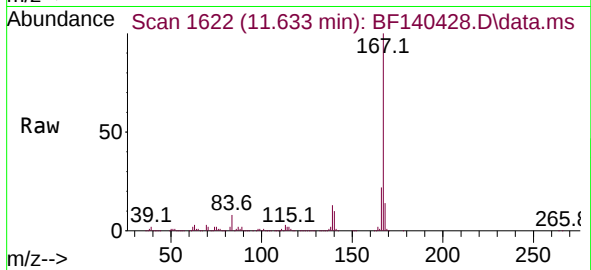
139 12.8 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#74

Di-n-butylphthalate

Concen: 42.942 ng

RT: 11.957 min Scan# 1677

Delta R.T. -0.000 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

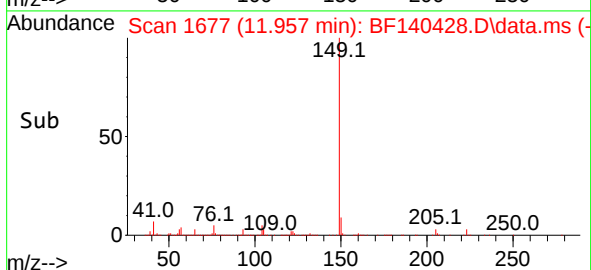
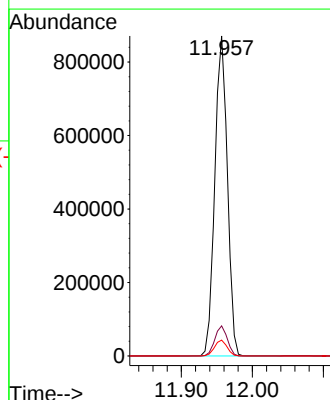
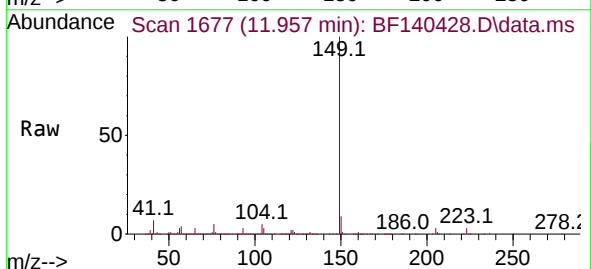
Tgt Ion:149 Resp: 1067134

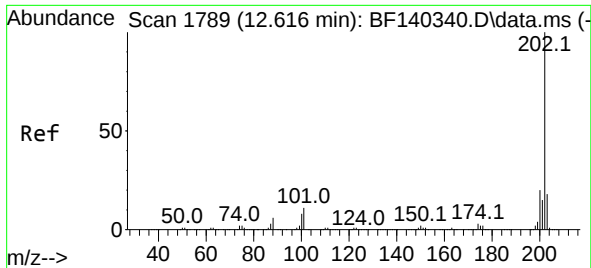
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

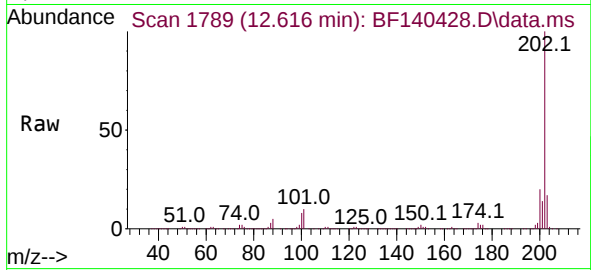
104 5.0 4.0 6.0





#75
Fluoranthene
Concen: 40.912 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

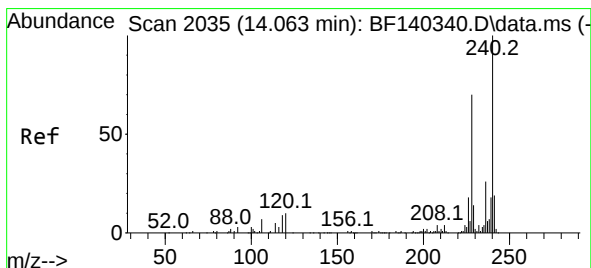
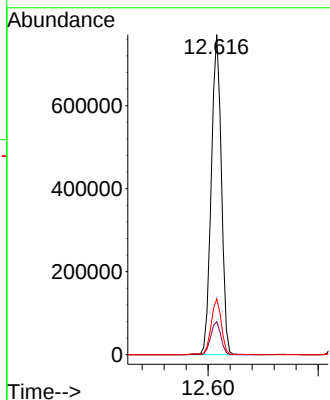
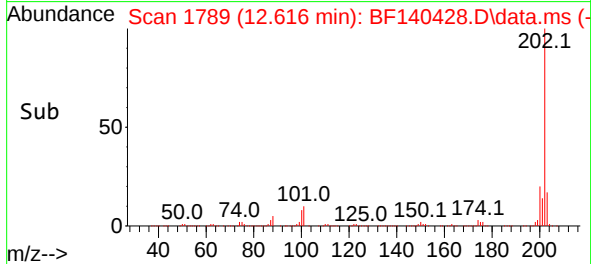
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:202 Resp: 982058
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.5 0.0 37.7

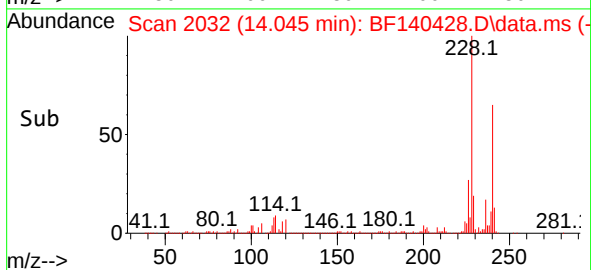
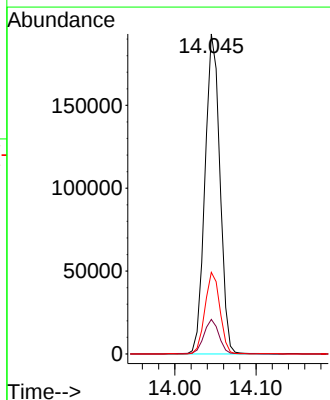
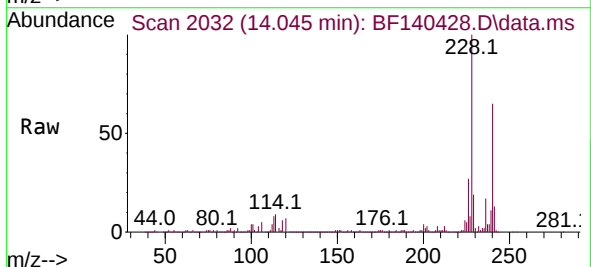
Manual Integrations
APPROVED

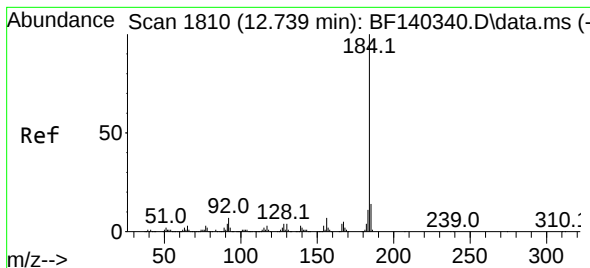
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:240 Resp: 245985
Ion Ratio Lower Upper
240 100
120 10.8 8.8 13.2
236 25.5 20.9 31.3





#77

Benzidine

Concen: 17.652 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

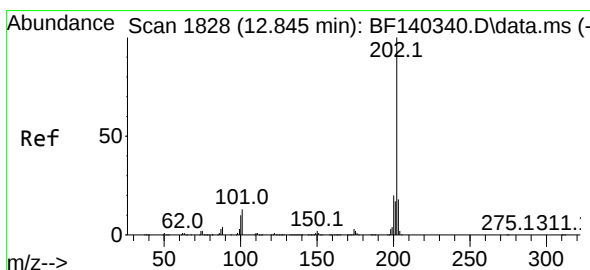
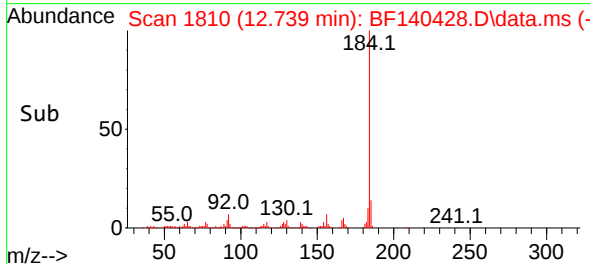
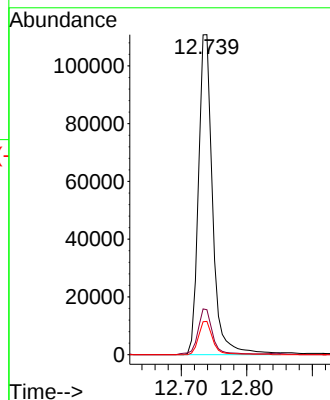
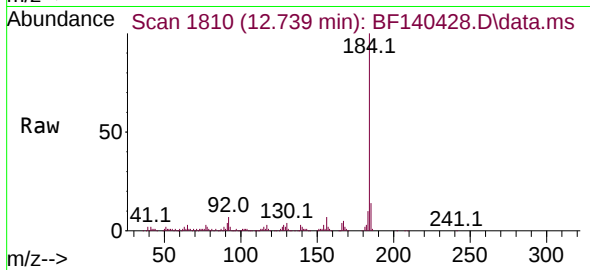
Tgt Ion:	184	Resp:	16665
Ion Ratio	Lower	Upper	
184	100		
185	14.1	11.9	17.9
183	10.4	8.6	13.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#78

Pyrene

Concen: 46.251 ng

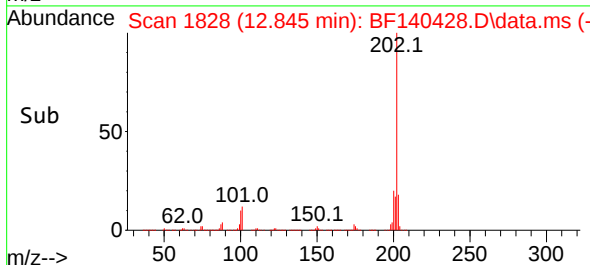
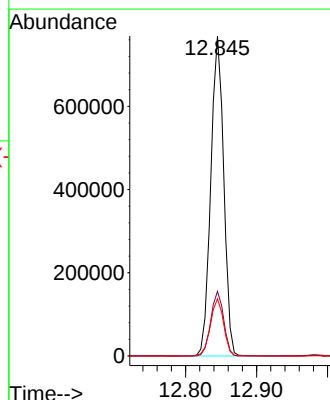
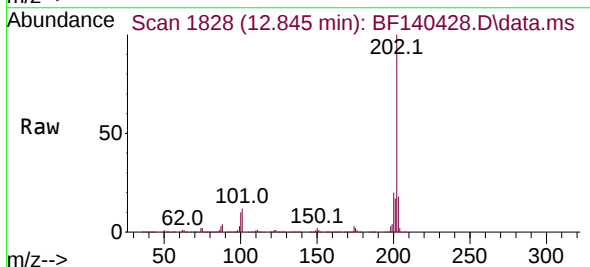
RT: 12.845 min Scan# 1828

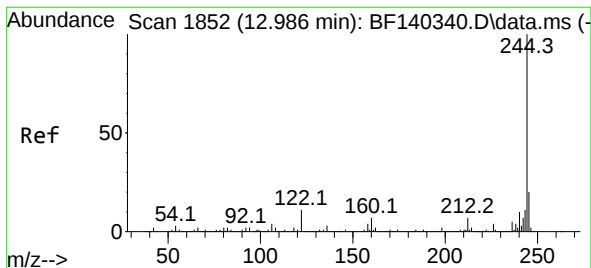
Delta R.T. -0.000 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Tgt Ion:	202	Resp:	973166
Ion Ratio	Lower	Upper	
202	100		
200	20.2	16.2	24.2
203	17.8	14.2	21.4





#79

Terphenyl-d14

Concen: 63.638 ng

RT: 12.980 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

Tgt Ion:244 Resp: 901830

Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

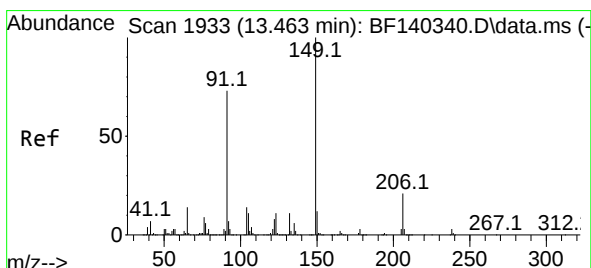
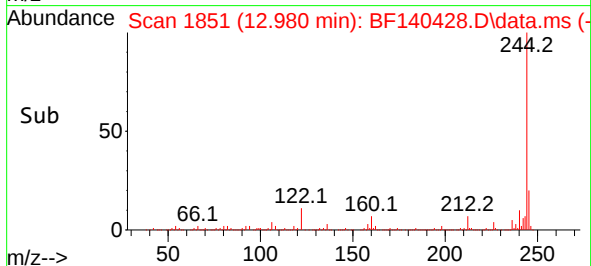
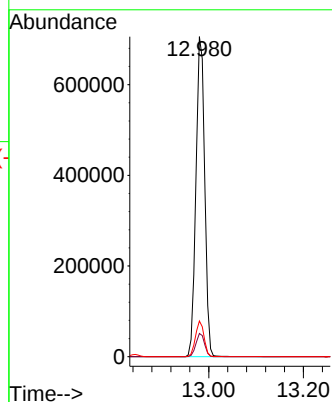
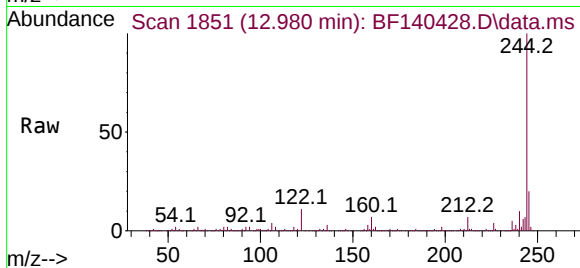
122 11.1 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#80

Butylbenzylphthalate

Concen: 46.070 ng

RT: 13.457 min Scan# 1932

Delta R.T. -0.000 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

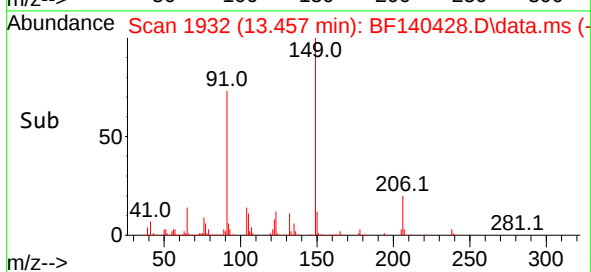
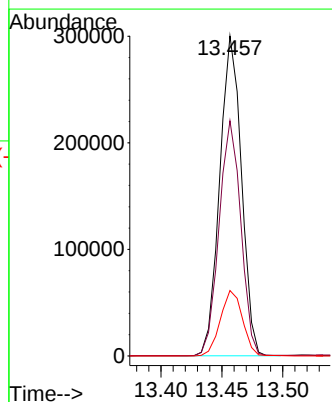
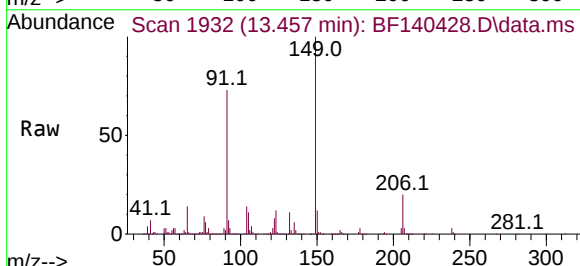
Tgt Ion:149 Resp: 372377

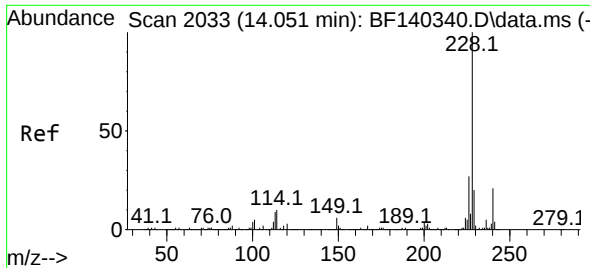
Ion Ratio Lower Upper

149 100

91 73.5 61.0 91.4

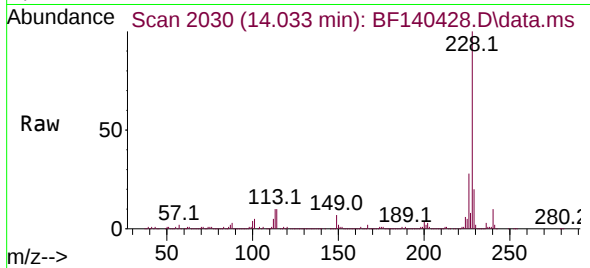
206 20.4 16.1 24.1





#81
Benzo(a)anthracene
Concen: 46.891 ng
RT: 14.033 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

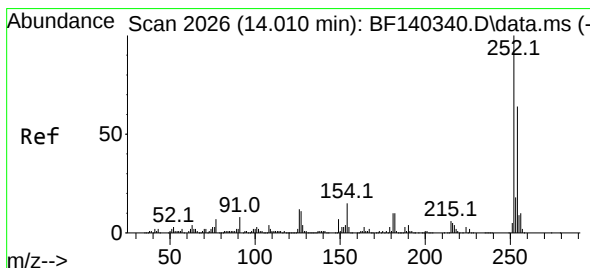
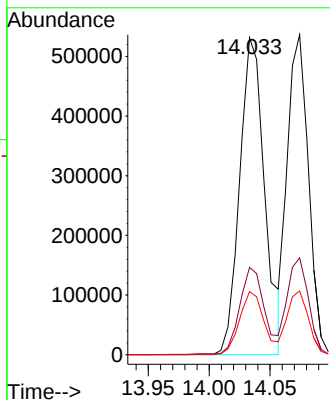
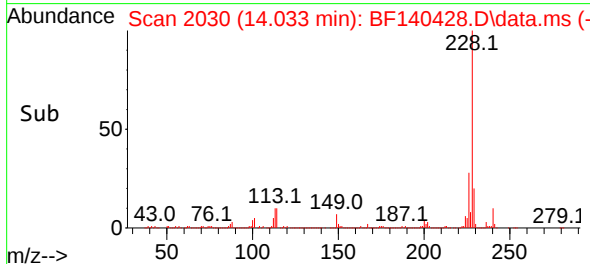
Instrument :
BNA_F
ClientSampleId :
MH-731MS



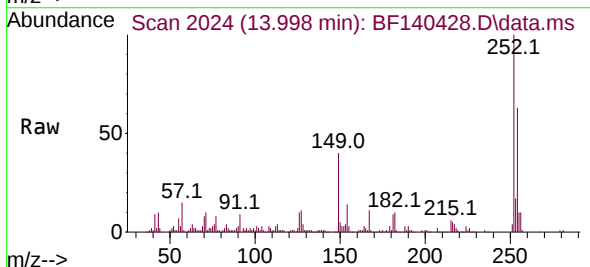
Tgt Ion:228 Resp: 758075
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.4
229 19.9 15.8 23.6

Manual Integrations
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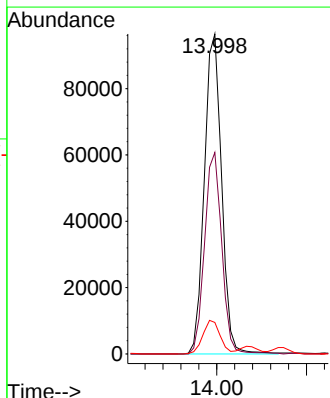
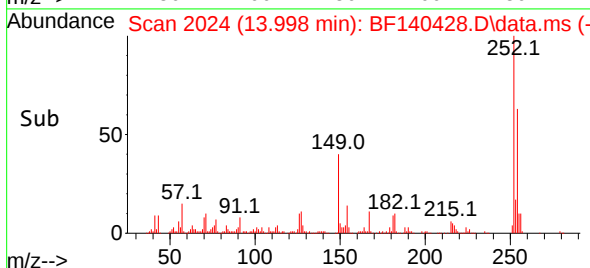
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

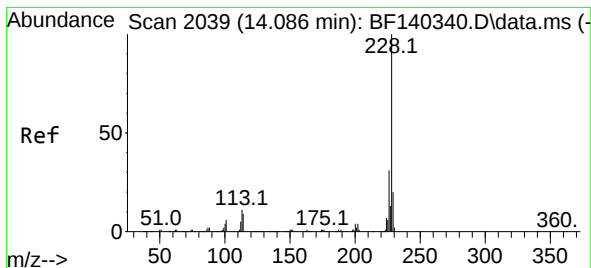


#82
3,3'-Dichlorobenzidine
Concen: 25.035 ng
RT: 13.998 min Scan# 2024
Delta R.T. -0.000 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



Tgt Ion:252 Resp: 128644
Ion Ratio Lower Upper
252 100
254 63.0 51.4 77.2
126 9.8 9.4 14.0





#83

Chrysene

Concen: 44.042 ng

RT: 14.074 min Scan# 2039

Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

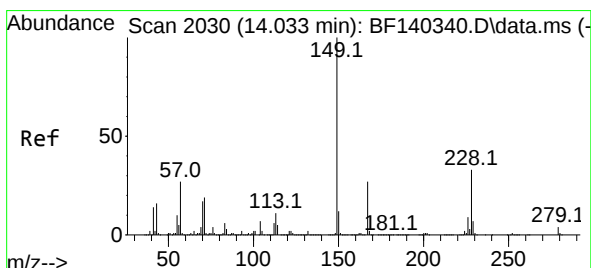
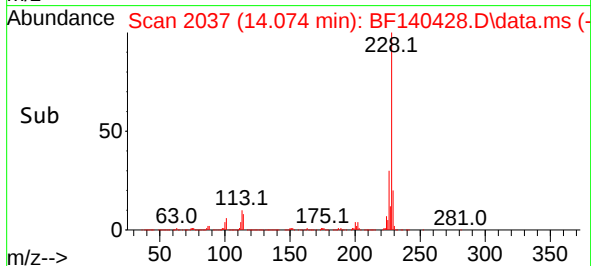
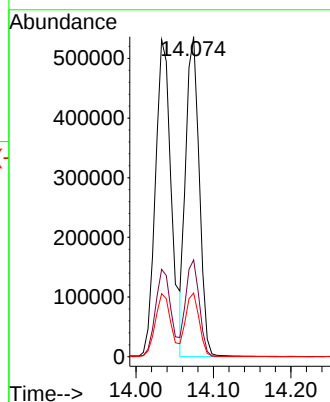
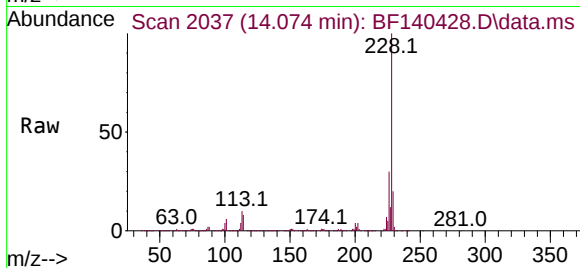
MH-731MS

Tgt Ion:228 Resp: 64965

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	19.9	16.0	24.0

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.874 ng

RT: 14.015 min Scan# 2027

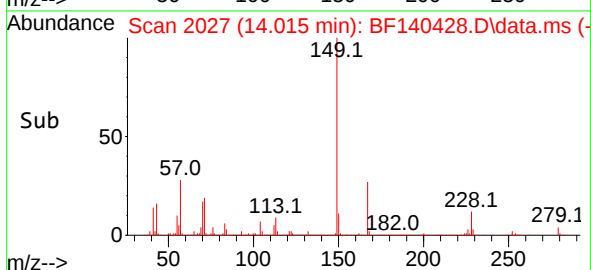
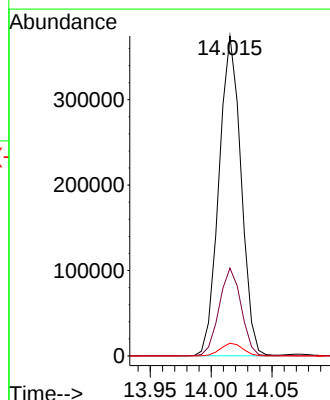
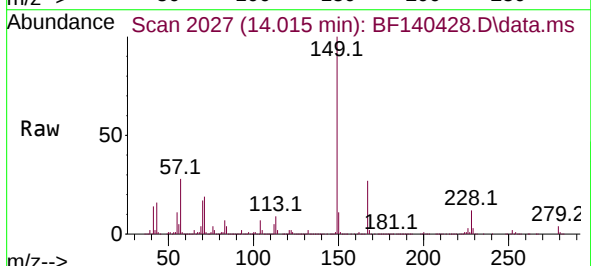
Delta R.T. -0.006 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Tgt Ion:149 Resp: 473347

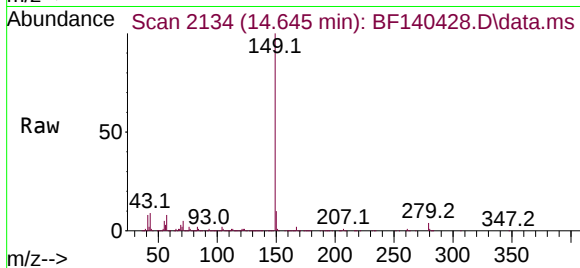
Ion	Ratio	Lower	Upper
149	100		
167	27.4	21.4	32.0
279	4.0	3.0	4.6





#85
Di-n-octyl phthalate
Concen: 47.682 ng
RT: 14.645 min Scan# 2140
Delta R.T. -0.018 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

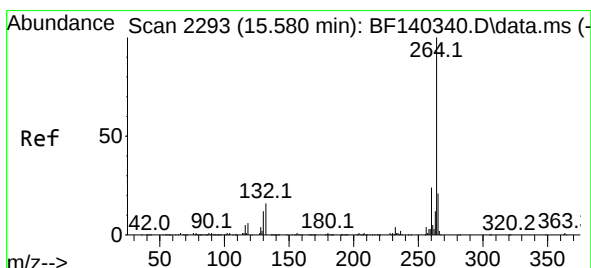
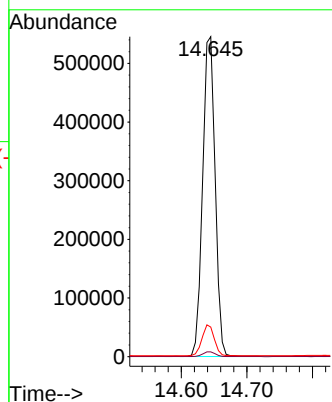
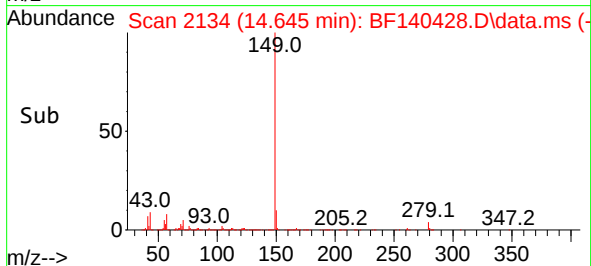
Instrument :
BNA_F
ClientSampleId :
MH-731MS



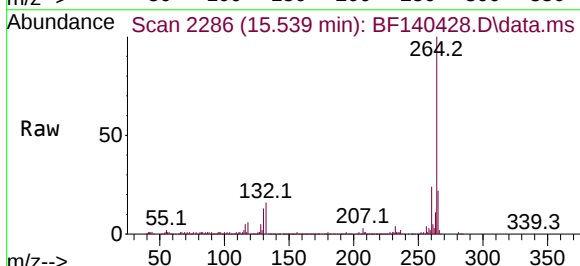
Tgt Ion:149 Resp: 72452
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.5 8.0 12.0

Manual Integrations
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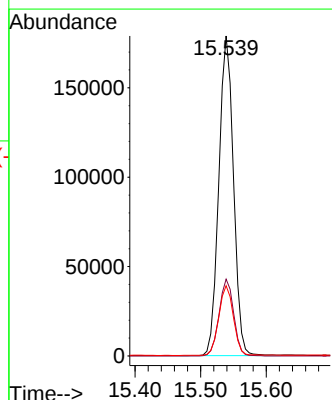
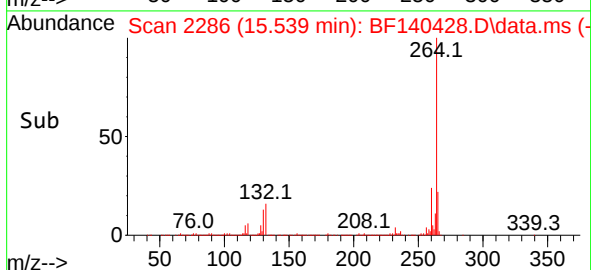
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024

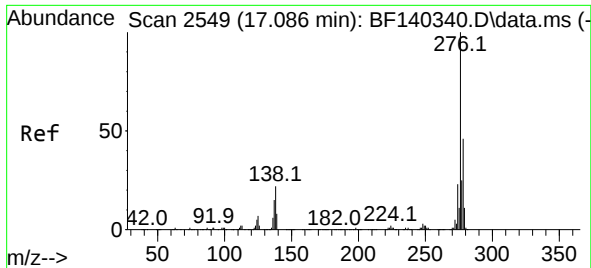


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 2286
Delta R.T. -0.018 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31



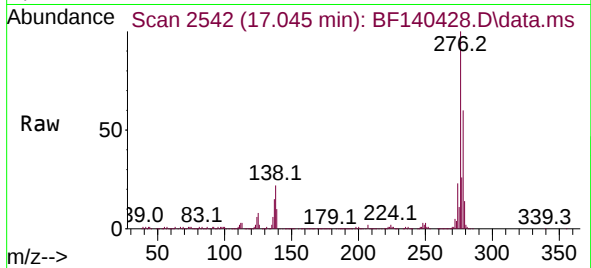
Tgt Ion:264 Resp: 276803
Ion Ratio Lower Upper
264 100
260 24.0 19.2 28.8
265 21.9 17.1 25.7





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.392 ng
RT: 17.045 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

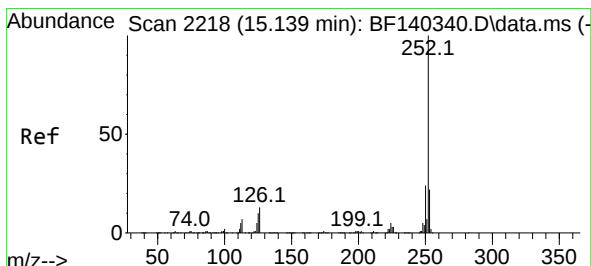
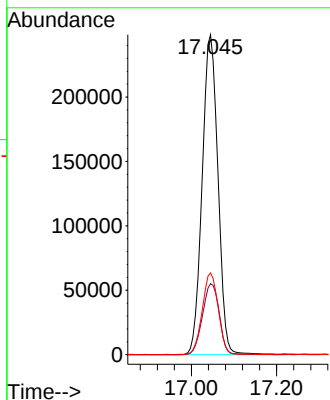
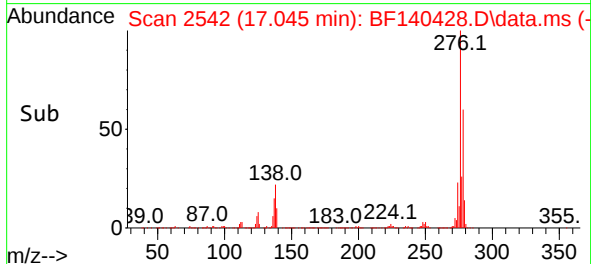
Instrument :
BNA_F
ClientSampleId :
MH-731MS



Tgt Ion:276 Resp: 639358
Ion Ratio Lower Upper
276 100
138 23.2 18.8 28.2
277 25.9 20.2 30.2

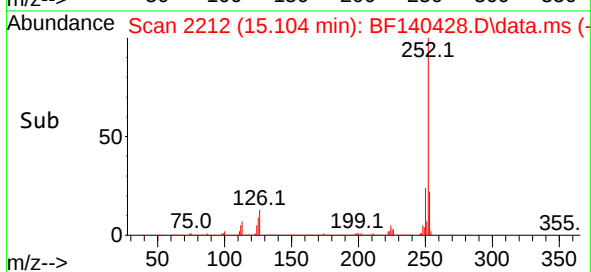
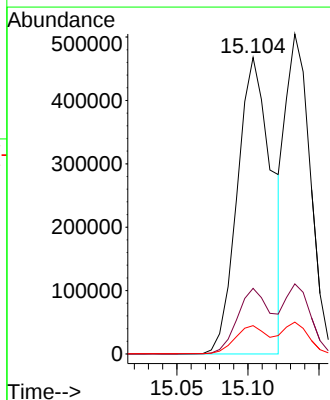
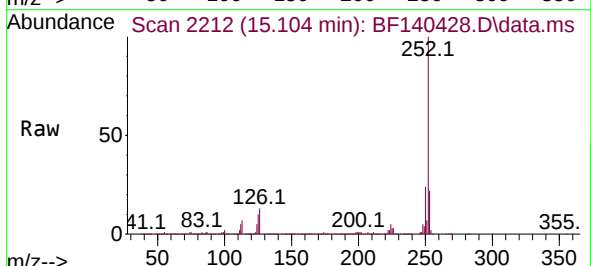
Manual Integrations
APPROVED

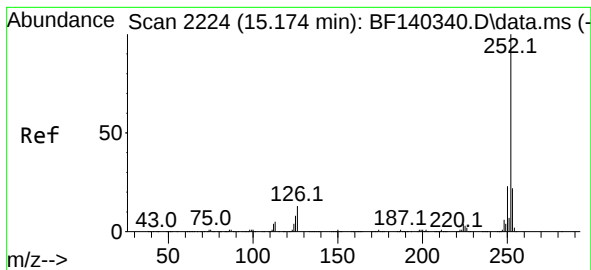
Reviewed By :Yogesh Patel 11/19/2024
Supervised By :mohammad ahmed 11/19/2024



#88
Benzo(b)fluoranthene
Concen: 43.461 ng
RT: 15.104 min Scan# 2212
Delta R.T. -0.012 min
Lab File: BF140428.D
Acq: 16 Nov 2024 14:31

Tgt Ion:252 Resp: 786959
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 9.6 8.0 12.0





#89

Benzo(k)fluoranthene

Concen: 41.716 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

Tgt Ion:252 Resp: 617069

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

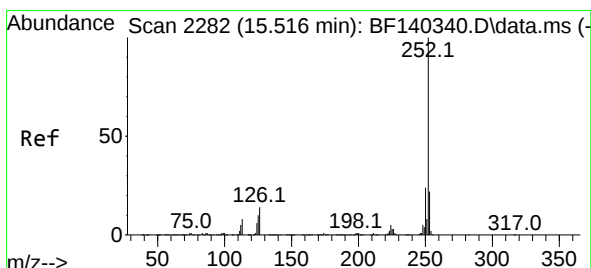
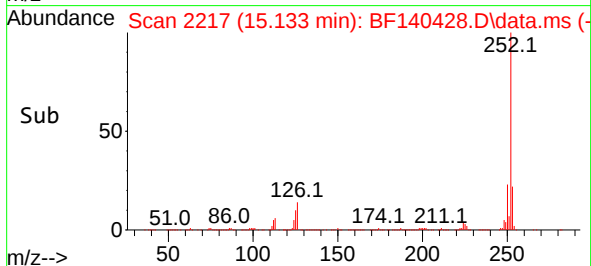
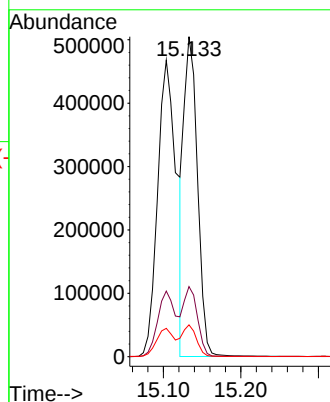
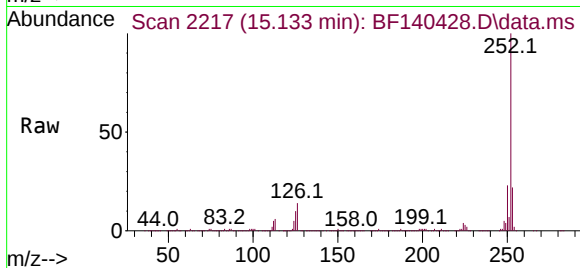
125 10.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#90

Benzo(a)pyrene

Concen: 48.375 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.012 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

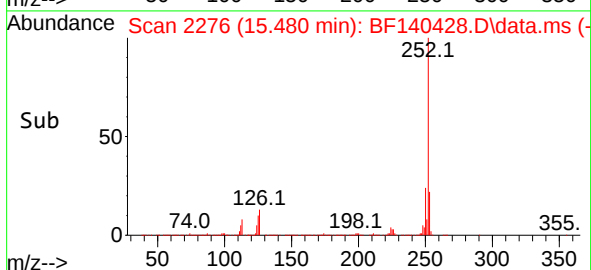
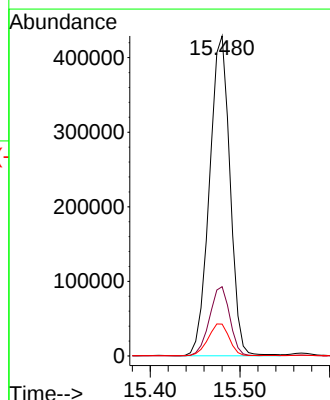
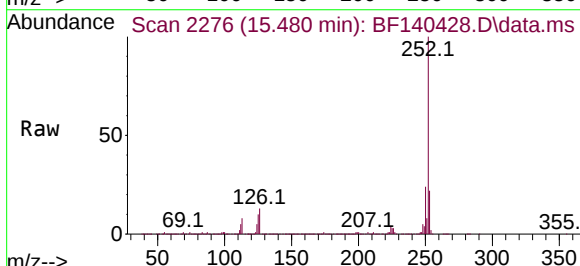
Tgt Ion:252 Resp: 680219

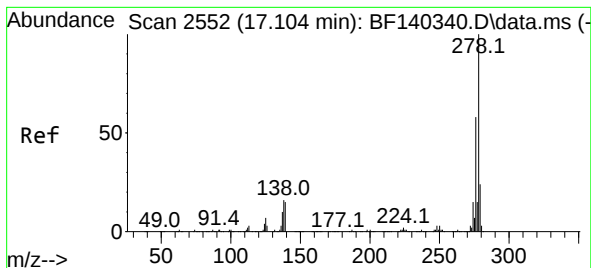
Ion Ratio Lower Upper

252 100

253 21.6 17.8 26.6

125 9.9 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 37.871 ng

RT: 17.056 min Scan# 2

Delta R.T. -0.018 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Instrument :

BNA_F

ClientSampleId :

MH-731MS

Tgt Ion:278 Resp: 535258

Ion Ratio Lower Upper

278 100

139 15.2 11.8 17.8

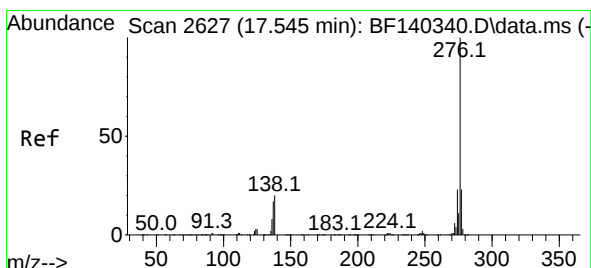
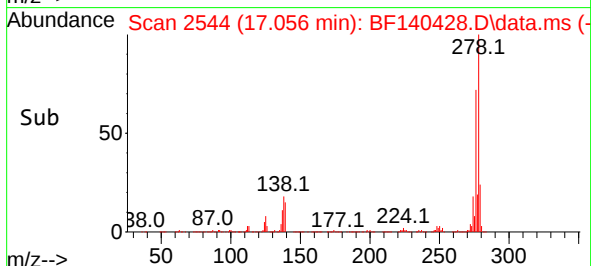
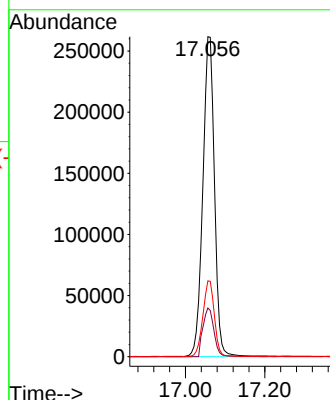
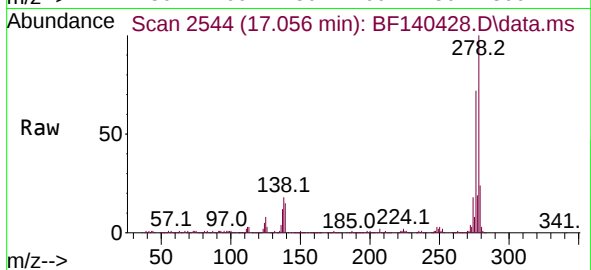
279 23.7 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :mohammad ahmed 11/19/2024



#92

Benzo(g,h,i)perylene

Concen: 31.292 ng

RT: 17.498 min Scan# 2619

Delta R.T. -0.018 min

Lab File: BF140428.D

Acq: 16 Nov 2024 14:31

Tgt Ion:276 Resp: 452153

Ion Ratio Lower Upper

276 100

277 23.0 18.6 28.0

138 20.0 16.0 24.0

