

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112524\
 Data File : BF140604.D
 Acq On : 25 Nov 2024 15:49
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Manual Integrations
 APPROVED

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

Quant Time: Nov 25 16:13:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	106607	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	393427	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	218835	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	396344	20.000	ng	0.00
76) Chrysene-d12	14.051	240	217927	20.000	ng	0.00
86) Perylene-d12	15.551	264	192376	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	491503	78.663	ng	0.00
7) Phenol-d6	6.510	99	648459	78.504	ng	0.00
23) Nitrobenzene-d5	7.434	82	594260	77.261	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	180057	76.932	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1121902	76.385	ng	0.00
79) Terphenyl-d14	12.980	244	1096447	78.343	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.640	88	107772	41.024	ng	99
3) Pyridine	3.410	79	266084	46.035	ng	99
4) n-Nitrosodimethylamine	3.363	42	126830	37.334	ng	90
6) Aniline	6.534	93	266963	45.917	ng	94
8) 2-Chlorophenol	6.663	128	259569	38.614	ng	96
9) Benzaldehyde	6.422	77	180830	41.353	ng	99
10) Phenol	6.522	94	336793	39.924	ng	94
11) bis(2-Chloroethyl)ether	6.604	93	255585	39.593	ng	100
12) 1,3-Dichlorobenzene	6.810	146	294808	39.031	ng	100
13) 1,4-Dichlorobenzene	6.887	146	298643	39.049	ng	100
14) 1,2-Dichlorobenzene	7.040	146	279852	39.050	ng	99
15) Benzyl Alcohol	7.016	79	232661	37.981	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	304785	39.966	ng	84
17) 2-Methylphenol	7.128	107	217336	40.390	ng	95
18) Hexachloroethane	7.381	117	111096	38.893	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	186820	38.269	ng	99
20) 3+4-Methylphenols	7.281	107	268518	38.823	ng	96
22) Acetophenone	7.281	105	365107	38.065	ng	99
24) Nitrobenzene	7.457	77	308535	38.812	ng	96
25) Isophorone	7.692	82	503490	39.246	ng	100
26) 2-Nitrophenol	7.769	139	141776	40.245	ng	98
27) 2,4-Dimethylphenol	7.804	122	176239m	41.812	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	309243	39.568	ng	99
29) 2,4-Dichlorophenol	8.016	162	223293	39.979	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	252061	39.526	ng	98
31) Naphthalene	8.175	128	797717	39.364	ng	99
32) Benzoic acid	7.934	122	132755	37.962	ng	100
33) 4-Chloroaniline	8.222	127	263806	43.479	ng	100
34) Hexachlorobutadiene	8.287	225	165629	39.213	ng	99
35) Caprolactam	8.592	113	69550	40.238	ng	100
36) 4-Chloro-3-methylphenol	8.710	107	246142	39.361	ng	99
37) 2-Methylnaphthalene	8.863	142	504190	39.171	ng	99
38) 1-Methylnaphthalene	8.963	142	500451	39.666	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	250880	39.161	ng	99
41) Hexachlorocyclopentadiene	9.016	237	46360	36.552	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	156633	38.964	ng	98

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Manual Integrations
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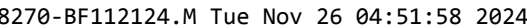
Quant Time: Nov 25 16:13:33 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	172838	39.616	ng	97
46) 1,1'-Biphenyl	9.328	154	642257	39.310	ng	100
47) 2-Chloronaphthalene	9.357	162	486075	39.263	ng	98
48) 2-Nitroaniline	9.451	65	153653	38.667	ng	99
49) Acenaphthylene	9.769	152	731583	39.111	ng	100
50) Dimethylphthalate	9.628	163	551498	38.266	ng	100
51) 2,6-Dinitrotoluene	9.692	165	129715	39.685	ng	97
52) Acenaphthene	9.945	154	459493	38.661	ng	99
53) 3-Nitroaniline	9.863	138	123678	38.687	ng	100
54) 2,4-Dinitrophenol	9.975	184	53762	36.476	ng	96
55) Dibenzofuran	10.116	168	691740	38.157	ng	99
56) 4-Nitrophenol	10.039	139	76021	34.868	ng	91
57) 2,4-Dinitrotoluene	10.098	165	170311	39.205	ng	96
58) Fluorene	10.457	166	558411	38.375	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	137290	40.946	ng	94
60) Diethylphthalate	10.328	149	560563	38.281	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	274540	38.445	ng	98
62) 4-Nitroaniline	10.480	138	128027	38.184	ng	95
63) Azobenzene	10.610	77	539858	38.931	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	86152	42.537	ng	98
66) n-Nitrosodiphenylamine	10.569	169	462263	39.439	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	162863	39.900	ng	96
68) Hexachlorobenzene	11.010	284	187402	39.651	ng	100
69) Atrazine	11.092	200	129628	39.313	ng	98
70) Pentachlorophenol	11.210	266	83757	40.265	ng	99
71) Phenanthrene	11.422	178	747251	39.222	ng	99
72) Anthracene	11.475	178	738198	39.611	ng	99
73) Carbazole	11.633	167	703386	39.233	ng	100
74) Di-n-butylphthalate	11.951	149	816492	39.448	ng	100
75) Fluoranthene	12.616	202	798194	38.587	ng	100
77) Benzidine	12.739	184	344350	54.347	ng	100
78) Pyrene	12.845	202	806670	40.033	ng	99
80) Butylbenzylphthalate	13.457	149	294831	40.617	ng	100
81) Benzo(a)anthracene	14.039	228	560182	38.832	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	174748	40.346	ng	99
83) Chrysene	14.080	228	527192	39.966	ng	99
84) Bis(2-ethylhexyl)phtha...	14.016	149	368655	40.221	ng	100
85) Di-n-octyl phthalate	14.651	149	501073	40.002	ng	99
87) Indeno(1,2,3-cd)pyrene	17.062	276	477561	38.092	ng	98
88) Benzo(b)fluoranthene	15.115	252	440892	36.487	ng	100
89) Benzo(k)fluoranthene	15.145	252	441576	41.760	ng	100
90) Benzo(a)pyrene	15.492	252	395447	40.250	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	391367	38.118	ng	99
92) Benzo(g,h,i)perylene	17.515	276	393138	37.523	ng	98

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

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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

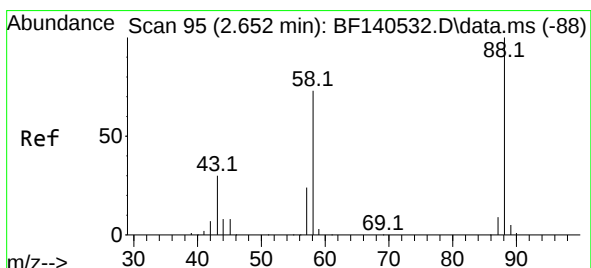
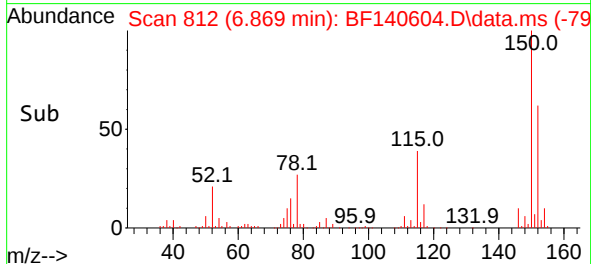
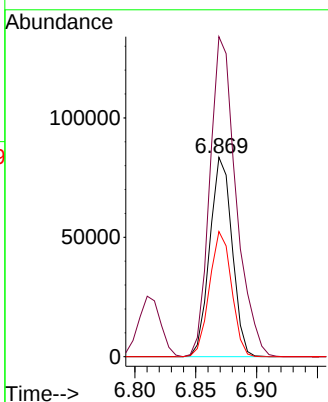
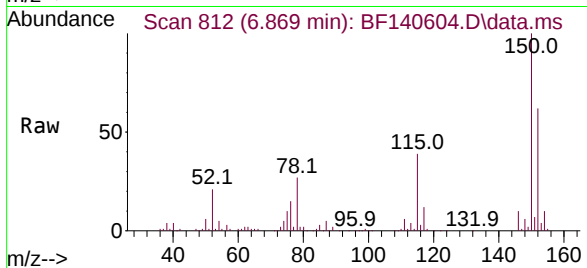
SSTDCCC040

Tgt Ion:152 Resp: 10660
Ion Ratio Lower Upper
152 100
150 160.5 128.5 192.7
115 62.7 50.2 75.4

Manual Integrations

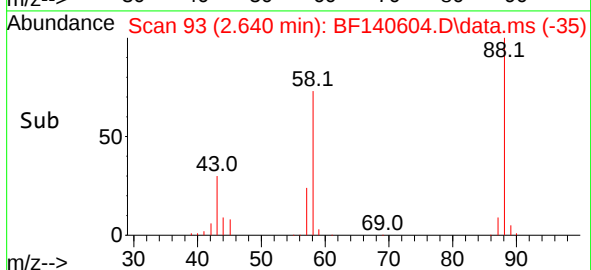
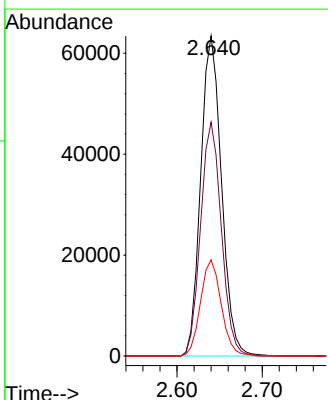
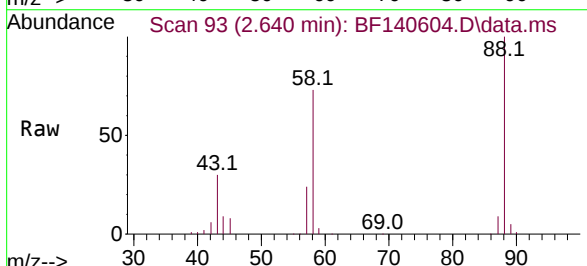
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Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#2
1,4-Dioxane
Concen: 41.024 ng
RT: 2.640 min Scan# 93
Delta R.T. -0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion: 88 Resp: 107772
Ion Ratio Lower Upper
88 100
58 72.8 57.4 86.2
43 29.9 24.3 36.5





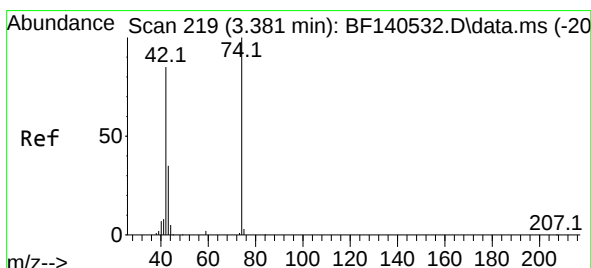
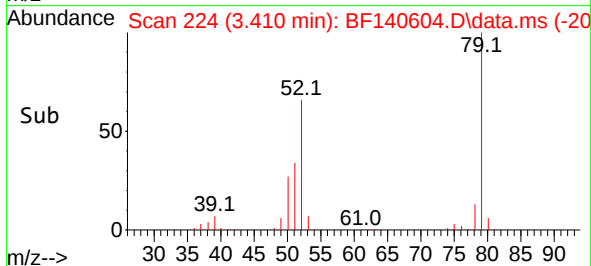
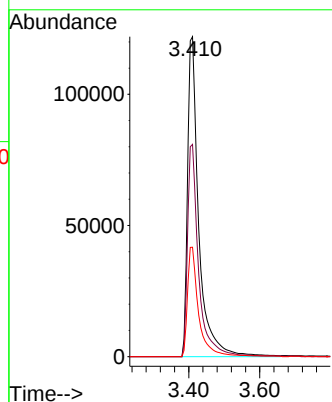
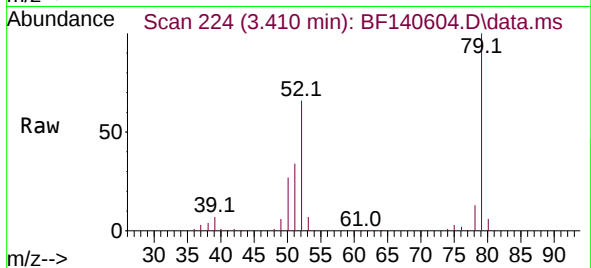
#3
Pyridine
Concen: 46.035 ng
RT: 3.410 min Scan# 216
Delta R.T. -0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 266084
Ion Ratio Lower Upper
79 100
52 66.3 52.1 78.1
51 34.2 27.8 41.8

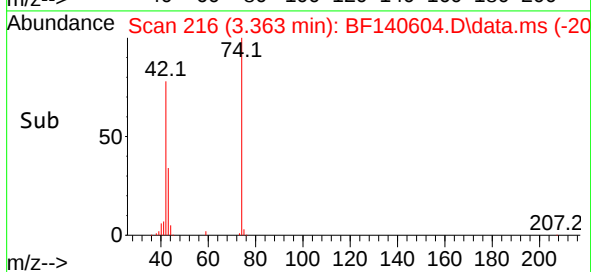
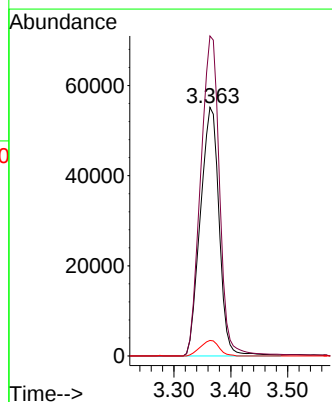
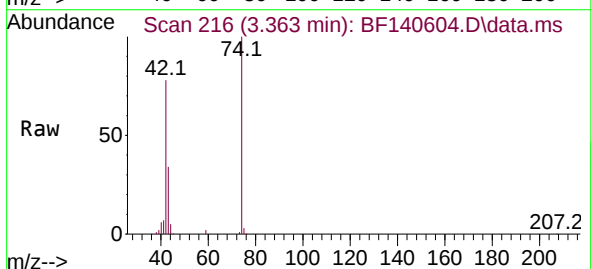
Manual Integrations
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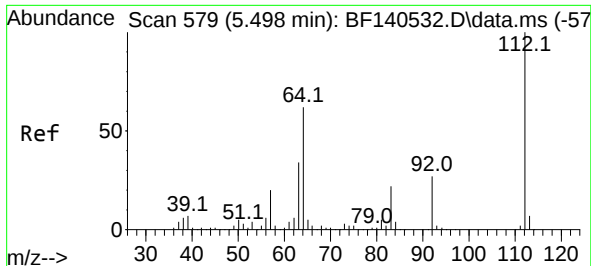
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#4
n-Nitrosodimethylamine
Concen: 37.334 ng
RT: 3.363 min Scan# 216
Delta R.T. -0.018 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion: 42 Resp: 126830
Ion Ratio Lower Upper
42 100
74 128.7 93.8 140.6
44 6.2 4.6 6.8





#5
2-Fluorophenol
Concen: 78.663 ng
RT: 5.498 min Scan# 512
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

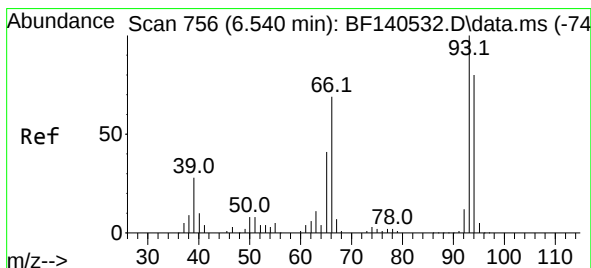
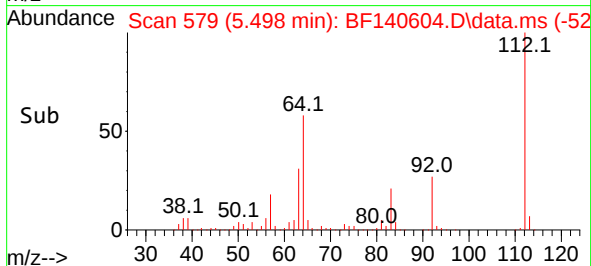
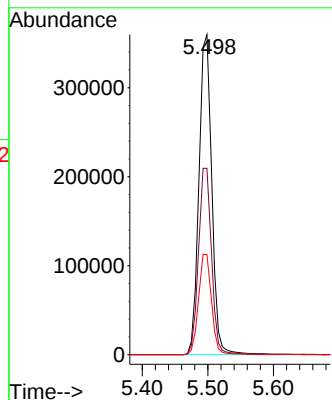
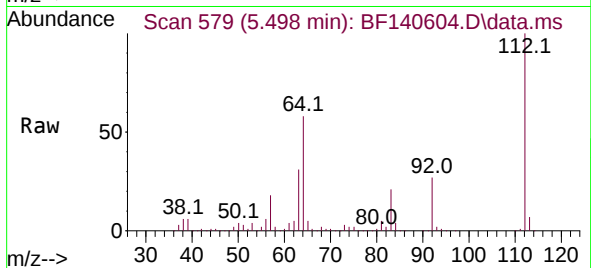
Tgt Ion:112 Resp: 49150
Ion Ratio Lower Upper
112 100
64 58.3 49.2 73.8
63 31.3 27.0 40.4

Manual Integrations

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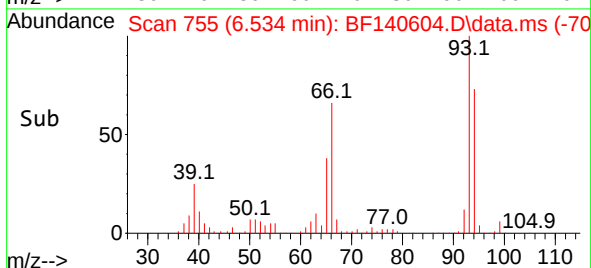
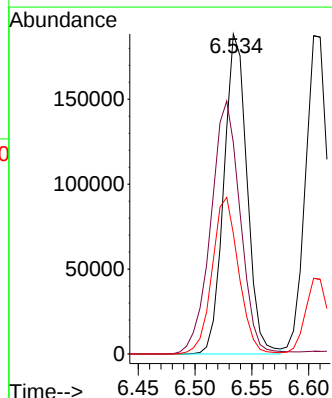
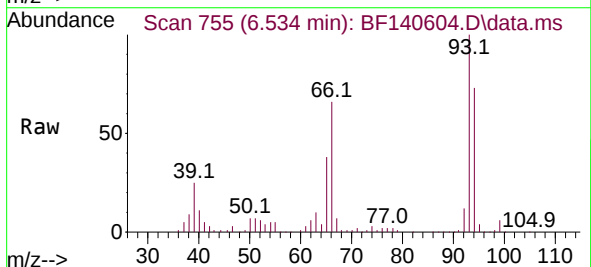
Reviewed By :Yogesh Patel 11/27/2024

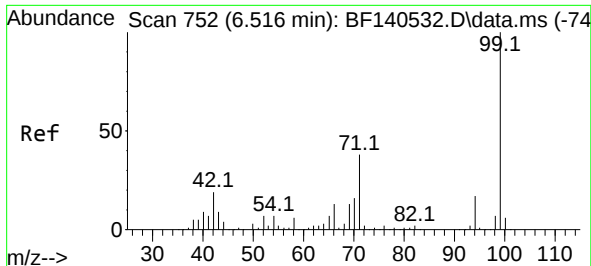
Supervised By :mohammad ahmed 11/27/2024



#6
Aniline
Concen: 45.917 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion: 93 Resp: 266963
Ion Ratio Lower Upper
93 100
66 66.0 56.5 84.7
65 37.7 32.9 49.3





#7
Phenol-d6
Concen: 78.504 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

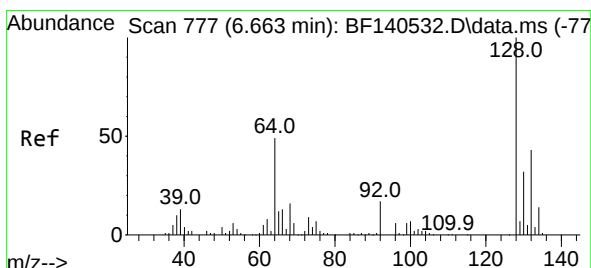
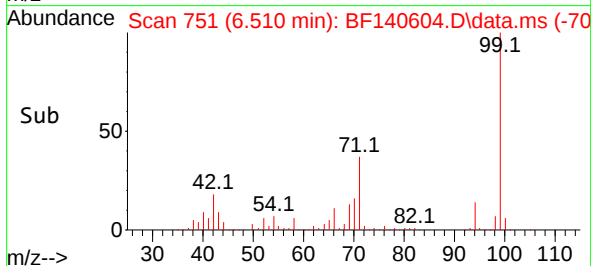
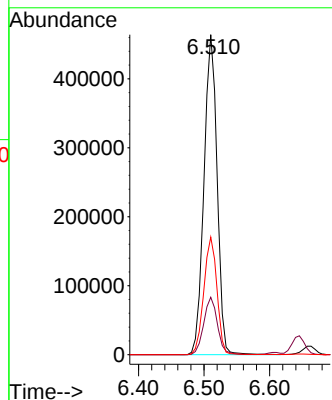
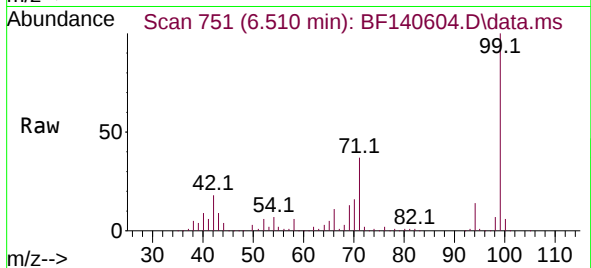
SSTDCCC040

Tgt Ion: 99 Resp: 648459
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.8 30.6 46.0

Manual Integrations

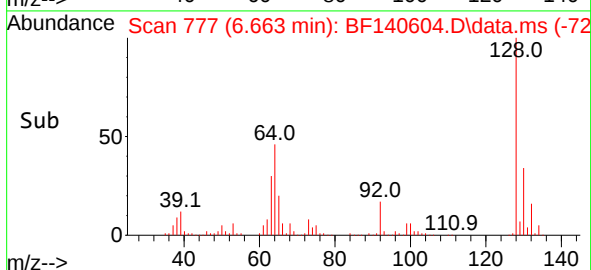
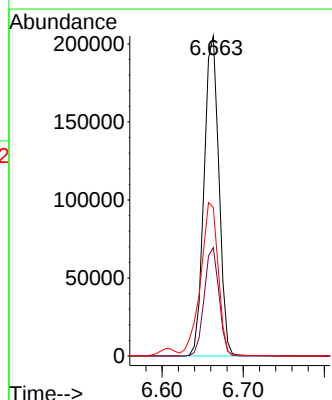
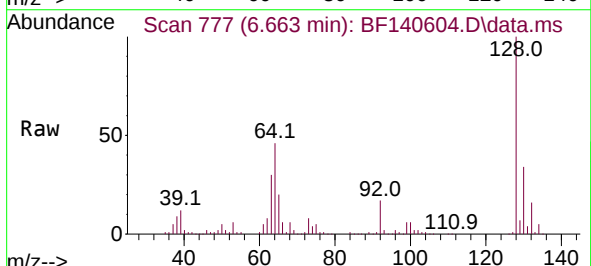
APPROVED

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



#8
2-Chlorophenol
Concen: 38.614 ng
RT: 6.663 min Scan# 777
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:128 Resp: 259569
Ion Ratio Lower Upper
128 100
130 33.9 12.3 52.3
64 46.4 30.2 70.2





#9

Benzaldehyde

Concen: 41.353 ng

RT: 6.422 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

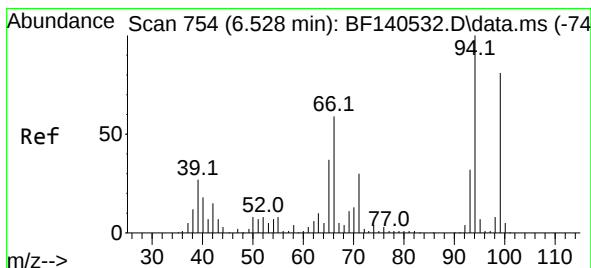
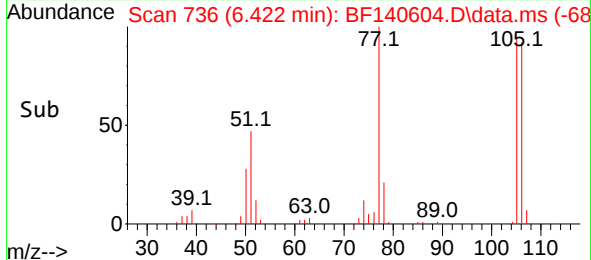
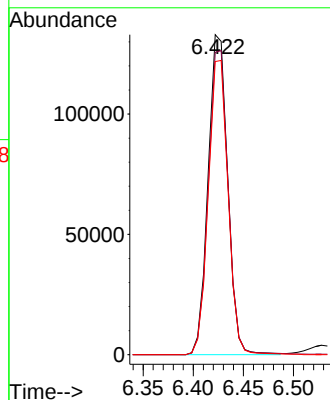
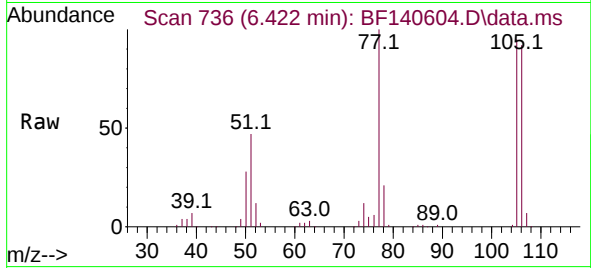
Tgt Ion: 77	Resp: 180830
Ion Ratio	Lower Upper
77 100	
105 94.5	75.6 115.6
106 91.6	72.0 112.0

Manual Integrations

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#10

Phenol

Concen: 39.924 ng

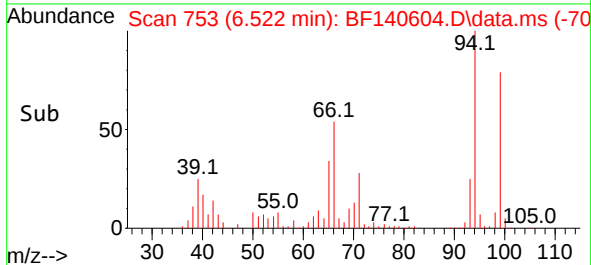
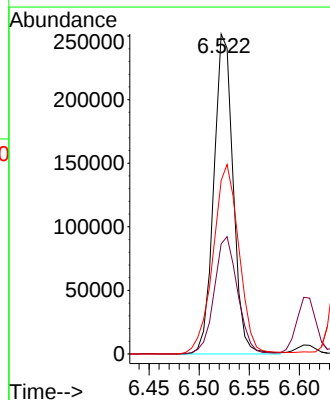
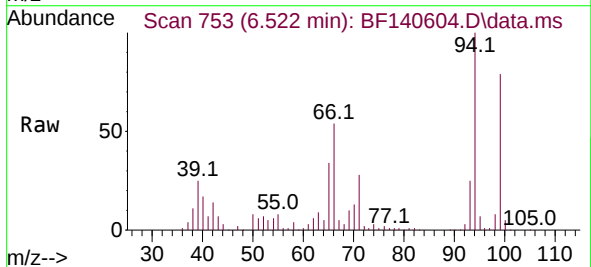
RT: 6.522 min Scan# 753

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Tgt Ion: 94	Resp: 336793
Ion Ratio	Lower Upper
94 100	
65 34.4	17.2 57.2
66 54.2	39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 39.593 ng

RT: 6.604 min Scan# 768

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 25558

Ion Ratio Lower Upper

93 100

63 73.3 52.8 92.8

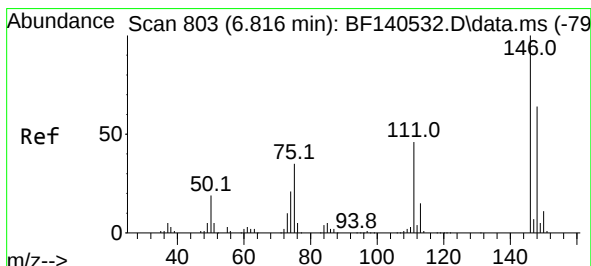
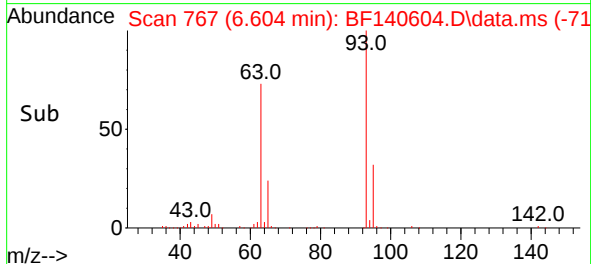
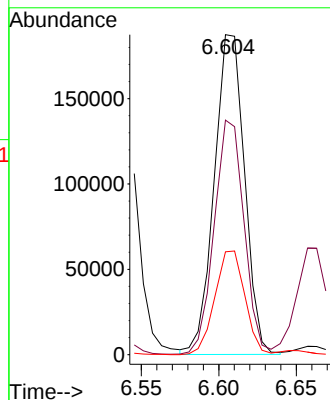
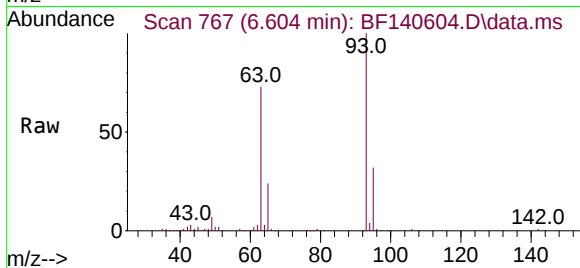
95 32.1 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#12

1,3-Dichlorobenzene

Concen: 39.031 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

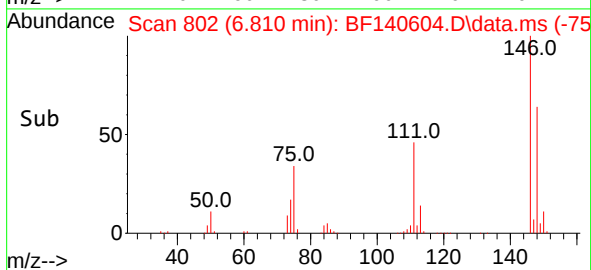
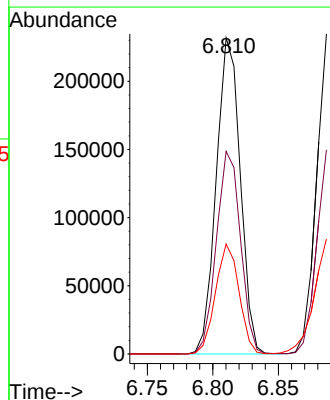
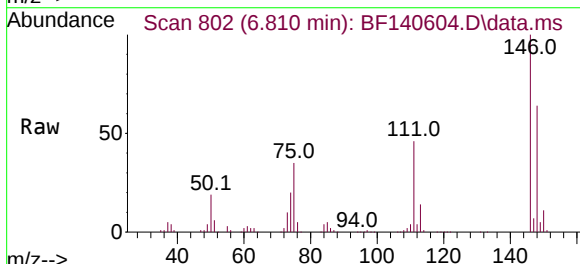
Tgt Ion:146 Resp: 294808

Ion Ratio Lower Upper

146 100

148 64.1 51.3 76.9

75 34.8 28.2 42.2





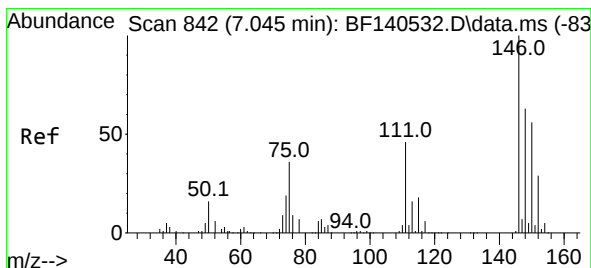
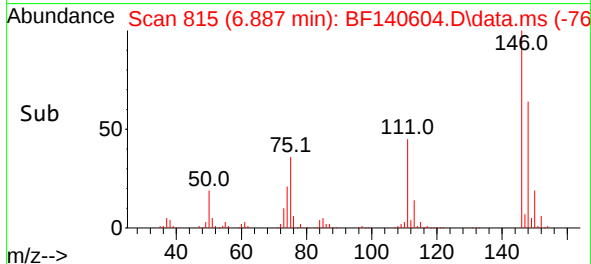
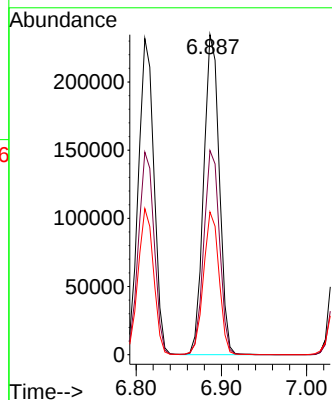
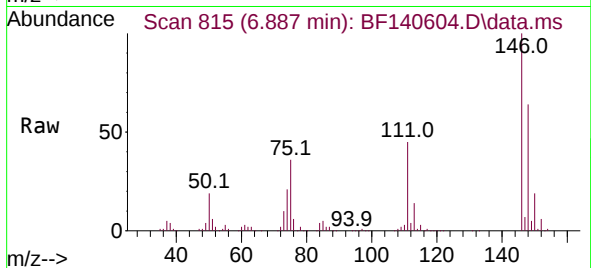
#13
1,4-Dichlorobenzene
Concen: 39.049 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 29864
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 44.6 35.3 52.9

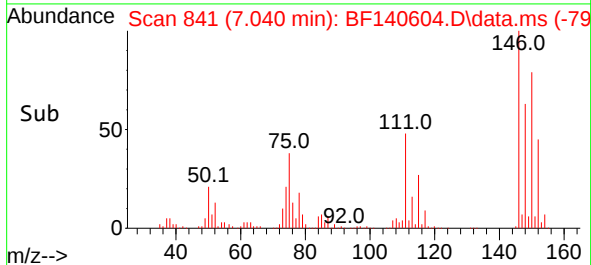
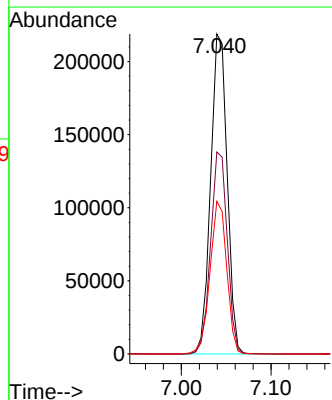
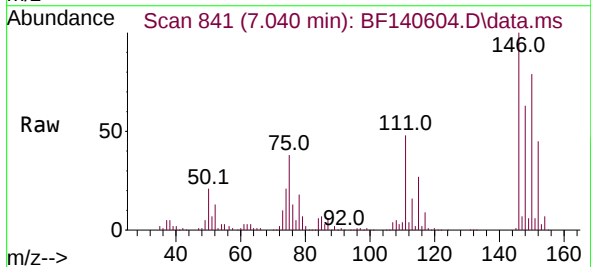
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 39.050 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:146 Resp: 279852
Ion Ratio Lower Upper
146 100
148 63.1 50.5 75.7
111 47.7 36.7 55.1





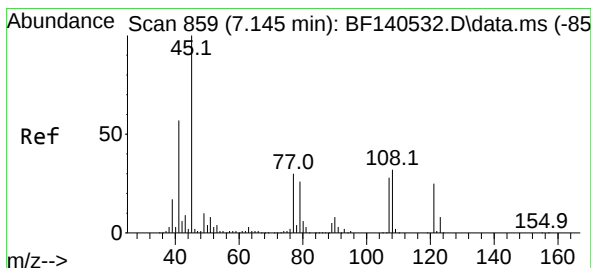
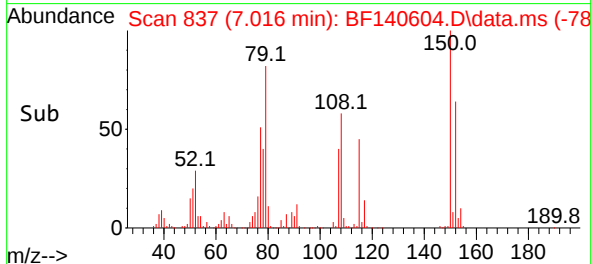
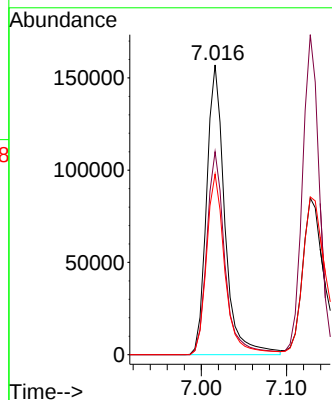
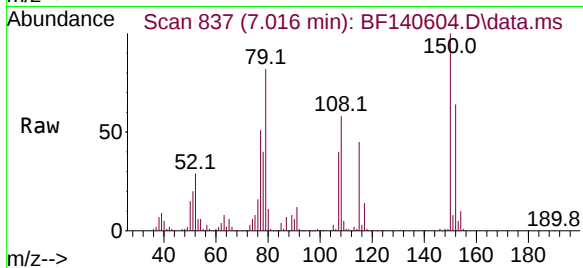
#15
Benzyl Alcohol
Concen: 37.981 ng
RT: 7.016 min Scan# 837
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 23266
Ion Ratio Lower Upper
79 100
108 70.1 55.0 82.6
77 62.4 50.1 75.1

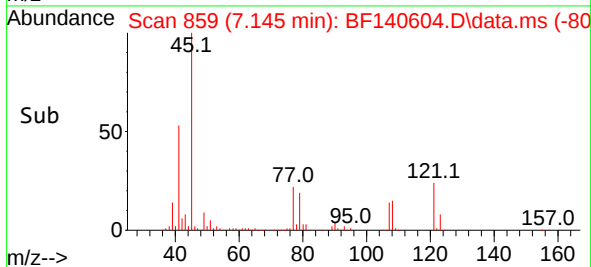
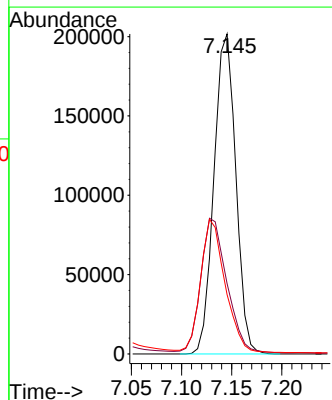
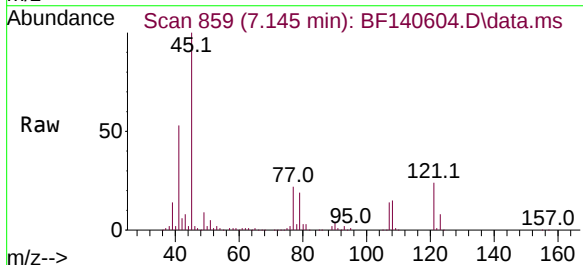
Manual Integrations
APPROVED

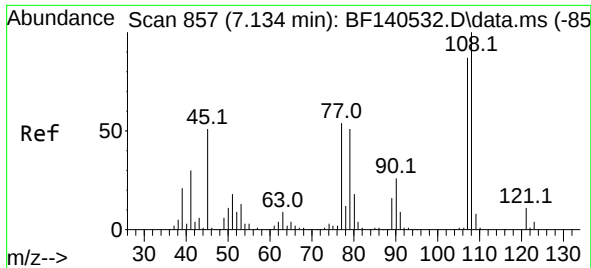
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.966 ng
RT: 7.145 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion: 45 Resp: 304785
Ion Ratio Lower Upper
45 100
77 22.0 10.7 50.7
79 18.5 7.0 47.0





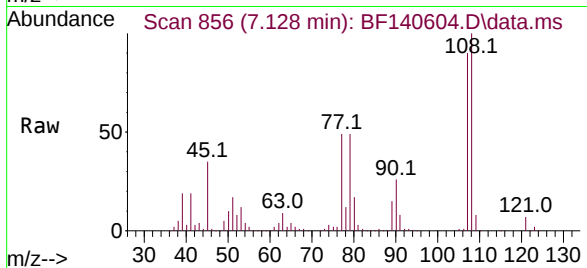
#17
2-Methylphenol
Concen: 40.390 ng
RT: 7.128 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



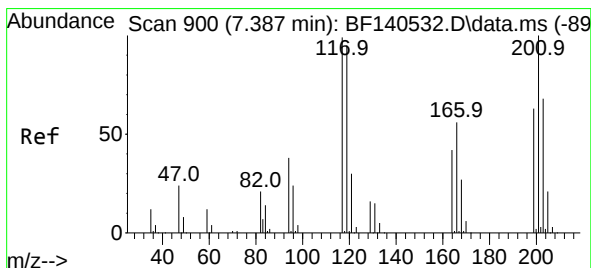
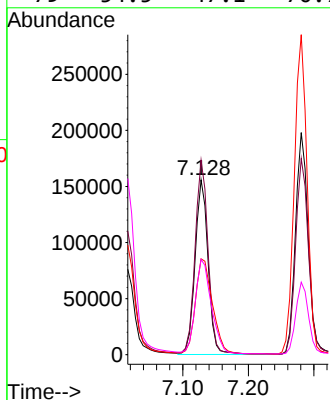
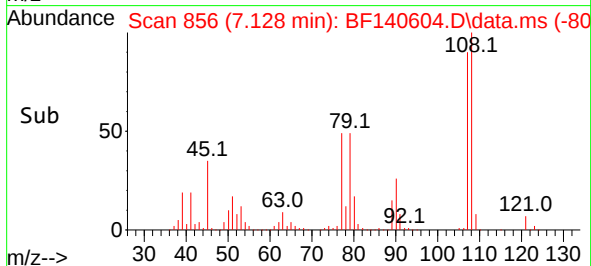
Tgt Ion:107 Resp: 217330
Ion Ratio Lower Upper
107 100
108 111.2 91.7 137.5
77 54.8 49.3 73.9
79 54.5 47.1 70.7

Manual Integrations

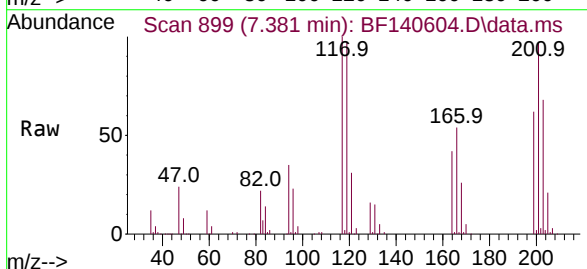
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

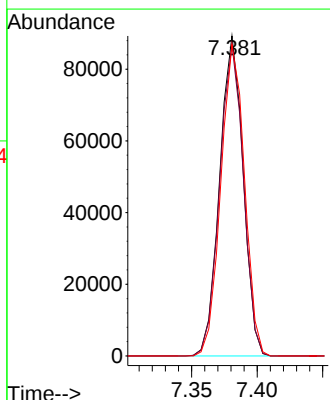
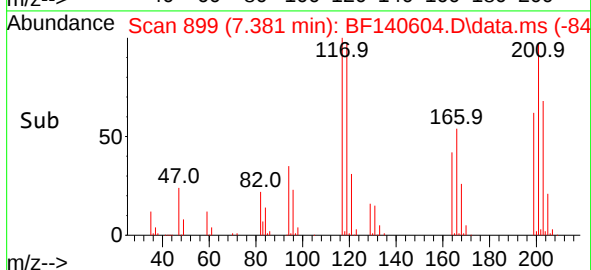
Supervised By :mohammad ahmed 11/27/2024

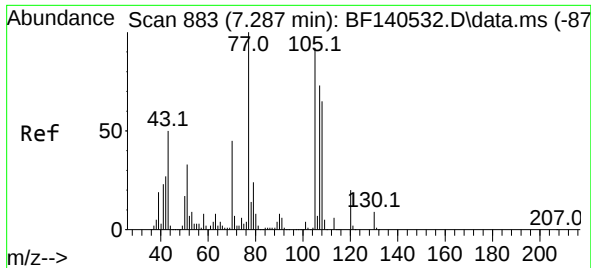


#18
Hexachloroethane
Concen: 38.893 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:117 Resp: 111096
Ion Ratio Lower Upper
117 100
119 97.4 77.1 115.7
201 97.3 81.1 121.7





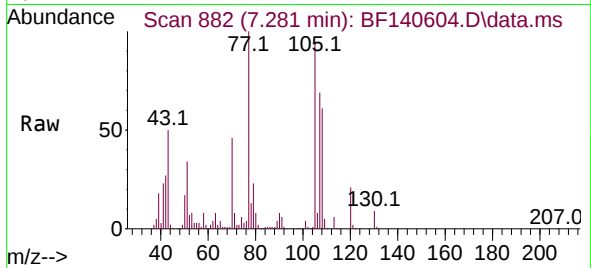
#19
n-Nitroso-di-n-propylamine
Concen: 38.269 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

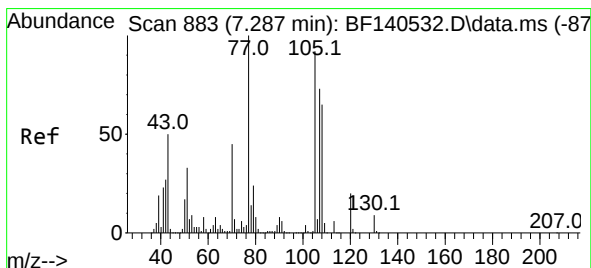
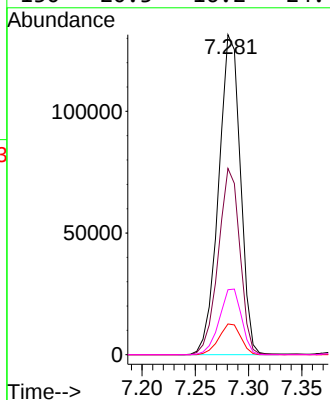
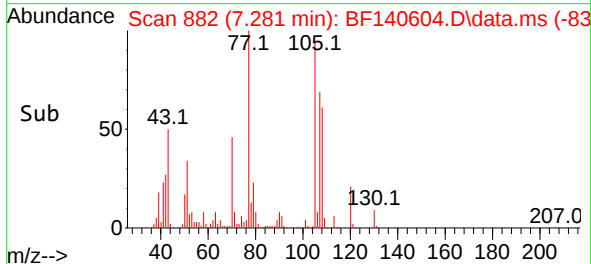


Tgt Ion: 70 Resp: 186820
Ion Ratio Lower Upper
70 100
42 58.2 47.6 71.4
101 9.6 7.6 11.4
130 20.3 16.2 24.4

Manual Integrations

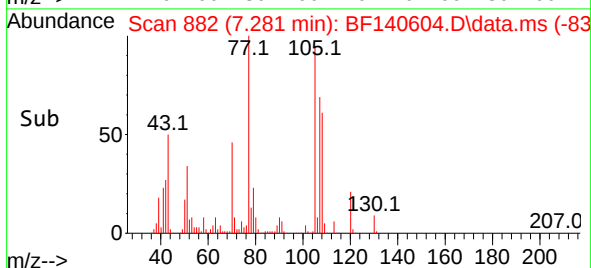
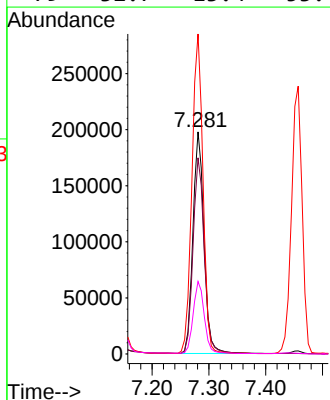
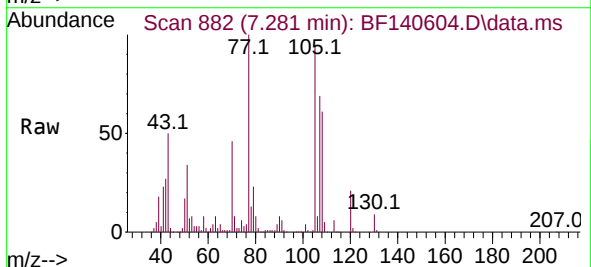
APPROVED

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



#20
3+4-Methylphenols
Concen: 38.823 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:107 Resp: 268518
Ion Ratio Lower Upper
107 100
108 88.3 69.9 109.9
77 144.0 117.7 157.7
79 32.7 13.4 53.4





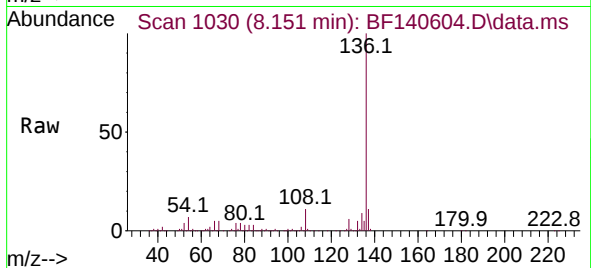
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



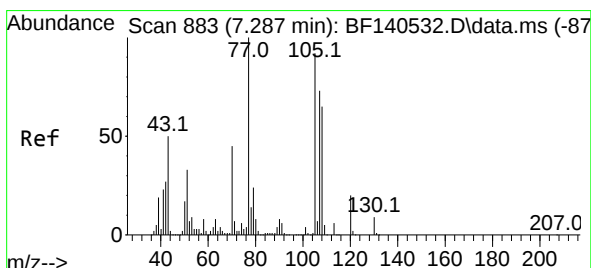
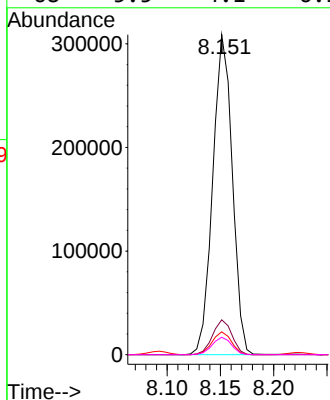
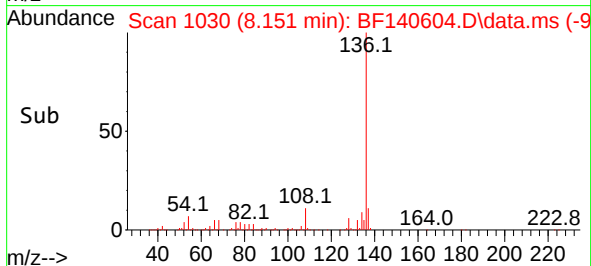
Tgt Ion:136 Resp: 393427
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 7.1 5.8 8.8
68 5.5 4.1 6.1

Manual Integrations

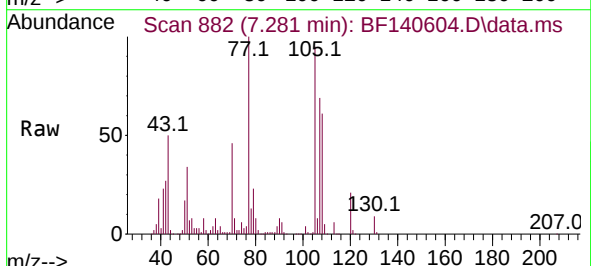
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

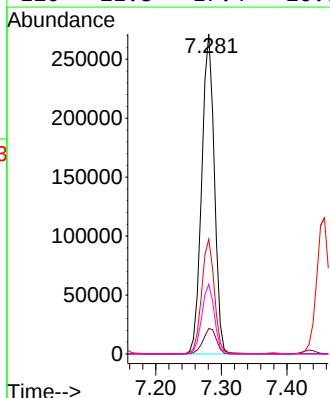
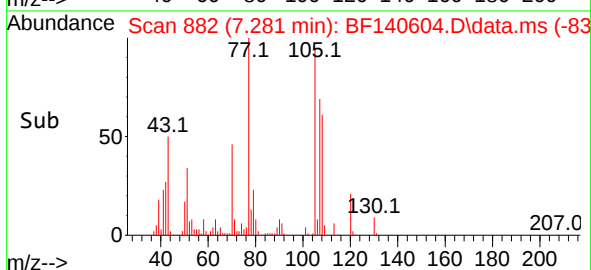
Supervised By :mohammad ahmed 11/27/2024



#22
Acetophenone
Concen: 38.065 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:105 Resp: 365107
Ion Ratio Lower Upper
105 100
71 8.0 6.2 9.2
51 35.8 29.0 43.6
120 21.8 17.4 26.0





#23
Nitrobenzene-d5
Concen: 77.261 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

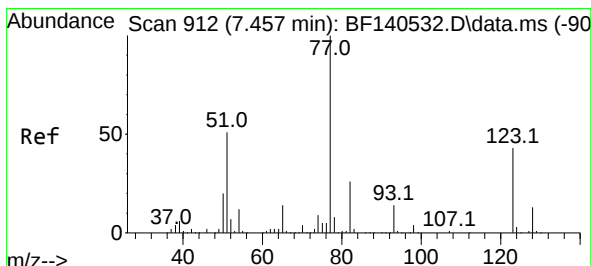
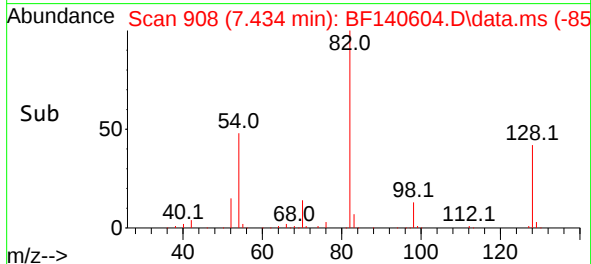
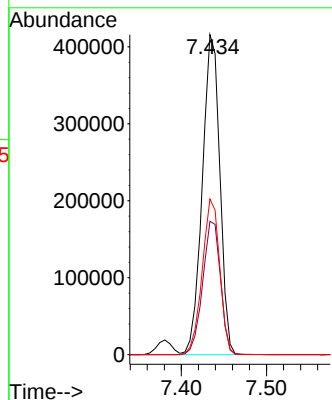
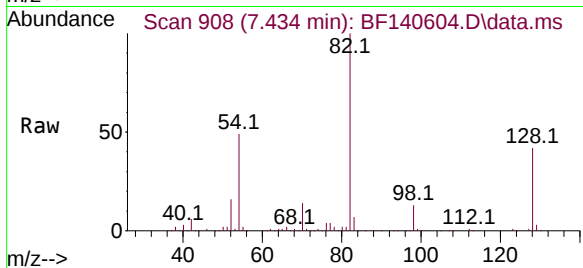
SSTDCCC040

Tgt Ion: 82 Resp: 594260
Ion Ratio Lower Upper
82 100
128 41.7 33.0 49.4
54 48.7 39.5 59.3

Manual Integrations

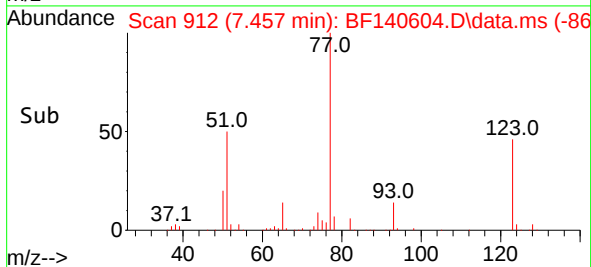
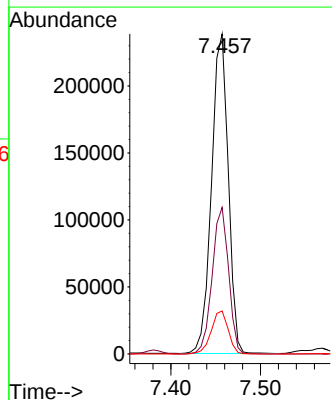
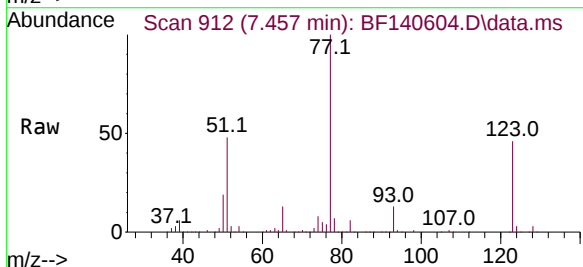
APPROVED

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



#24
Nitrobenzene
Concen: 38.812 ng
RT: 7.457 min Scan# 912
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion: 77 Resp: 308535
Ion Ratio Lower Upper
77 100
123 45.8 34.3 51.5
65 13.4 11.2 16.8





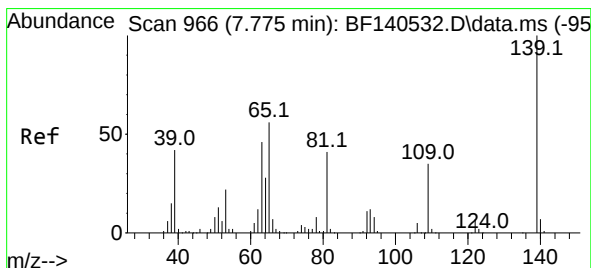
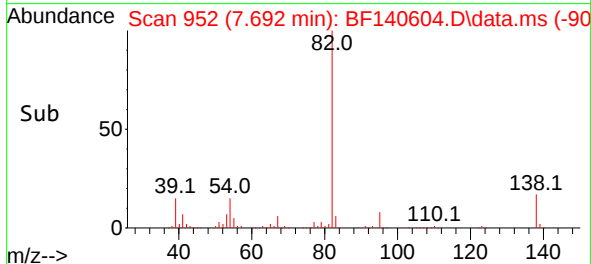
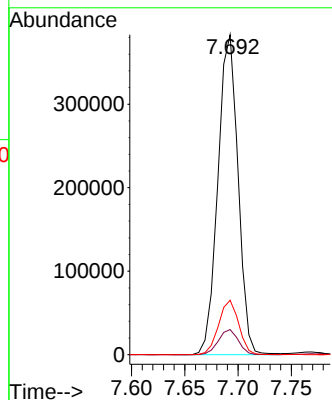
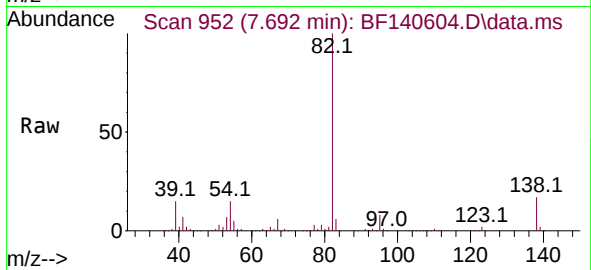
#25
Isophorone
Concen: 39.246 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 503490
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 17.0 13.8 20.6

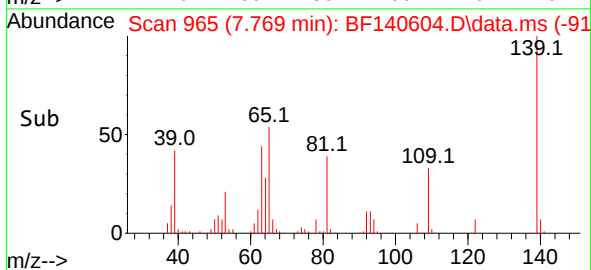
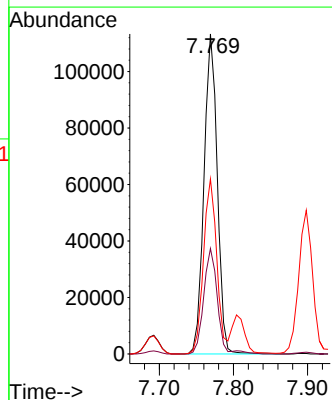
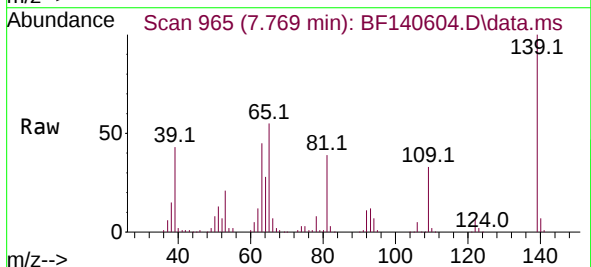
Manual Integrations
APPROVED

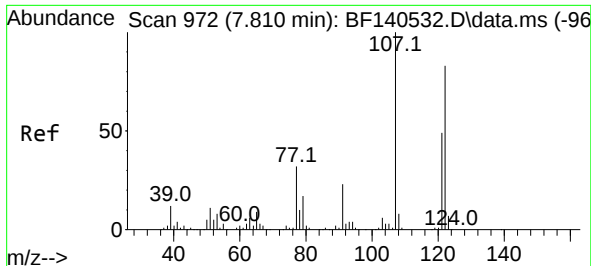
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#26
2-Nitrophenol
Concen: 40.245 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:139 Resp: 141776
Ion Ratio Lower Upper
139 100
109 33.0 28.0 42.0
65 54.7 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 41.812 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

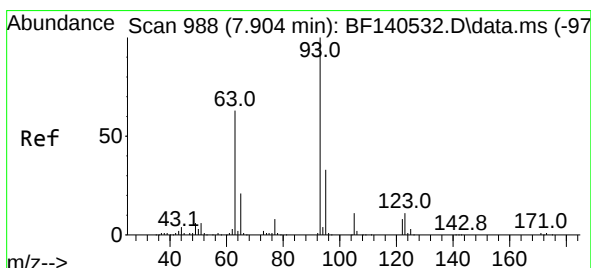
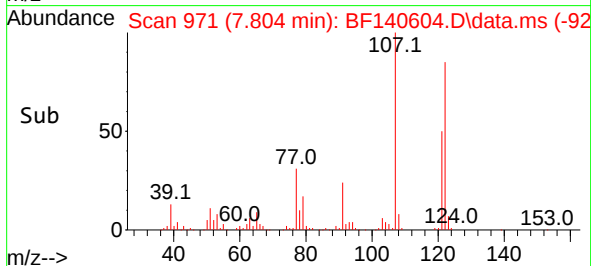
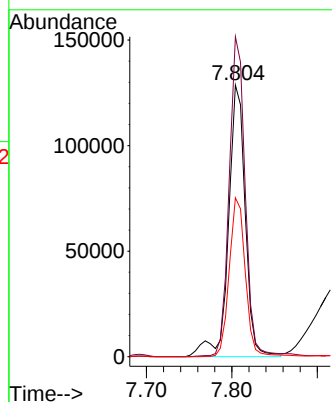
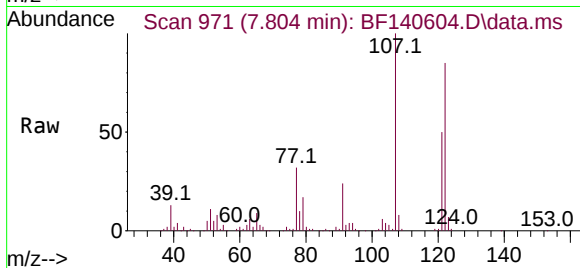
Tgt Ion:122 Resp: 176239
Ion Ratio Lower Upper
122 100
107 117.8 96.8 145.2
121 58.5 47.4 71.0

Manual Integrations

APPROVED

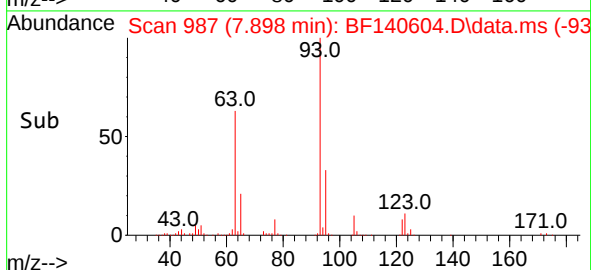
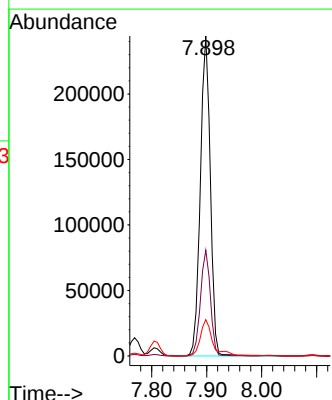
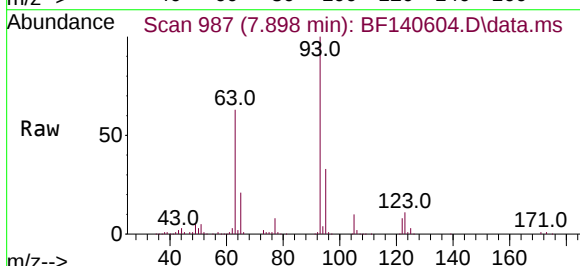
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#28
bis(2-Chloroethoxy)methane
Concen: 39.568 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion: 93 Resp: 309243
Ion Ratio Lower Upper
93 100
95 33.1 26.1 39.1
123 11.4 9.1 13.7





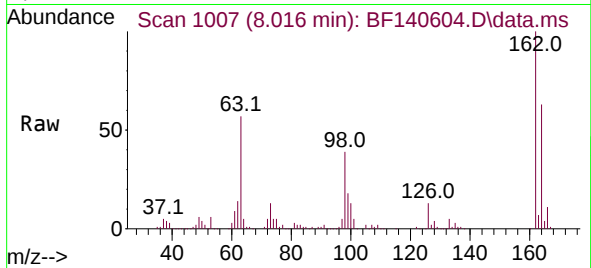
#29
2,4-Dichlorophenol
Concen: 39.979 ng
RT: 8.016 min Scan# 1007
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



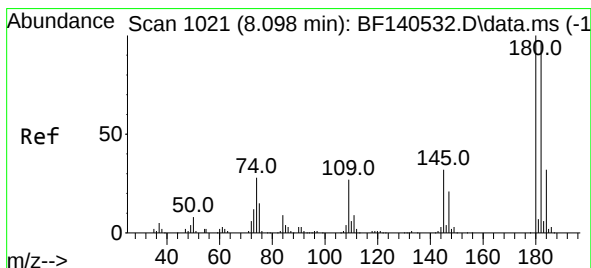
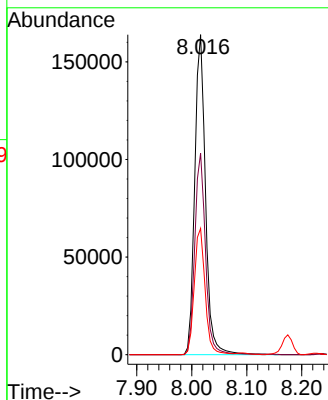
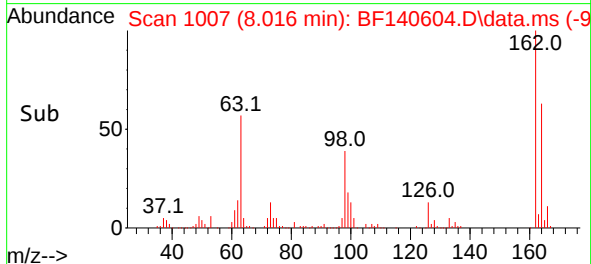
Tgt Ion:162 Resp: 22329
Ion Ratio Lower Upper
162 100
164 63.0 44.8 84.8
98 39.5 21.2 61.2

Manual Integrations

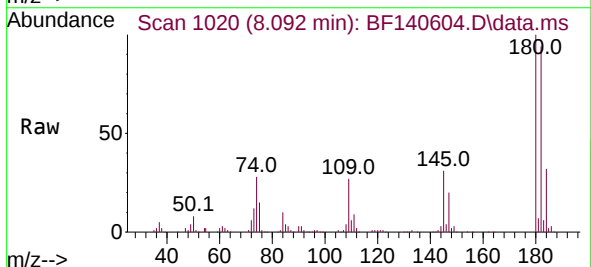
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

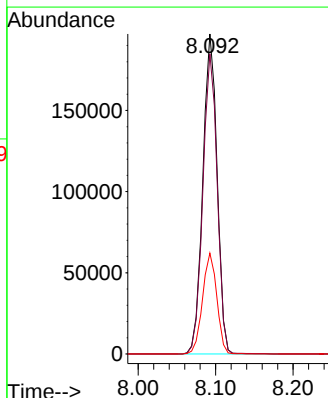
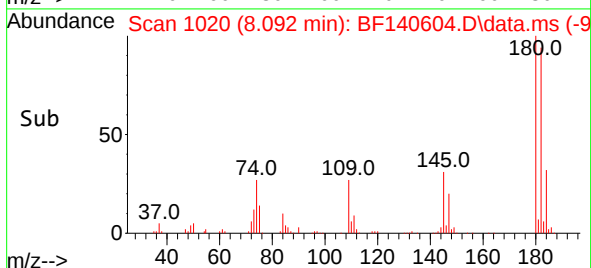
Supervised By :mohammad ahmed 11/27/2024

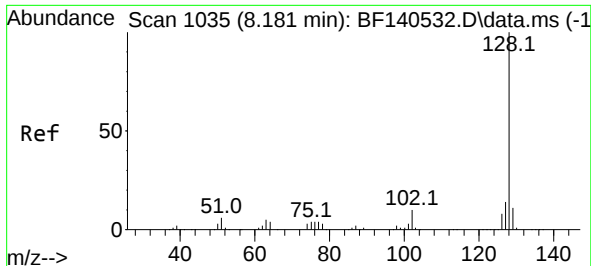


#30
1,2,4-Trichlorobenzene
Concen: 39.526 ng
RT: 8.092 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:180 Resp: 252061
Ion Ratio Lower Upper
180 100
182 93.8 76.4 114.6
145 31.5 25.9 38.9





#31
Naphthalene
Concen: 39.364 ng
RT: 8.175 min Scan# 1035
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

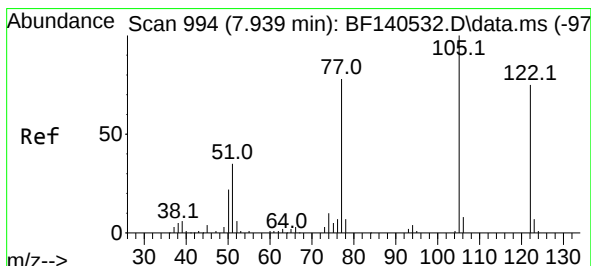
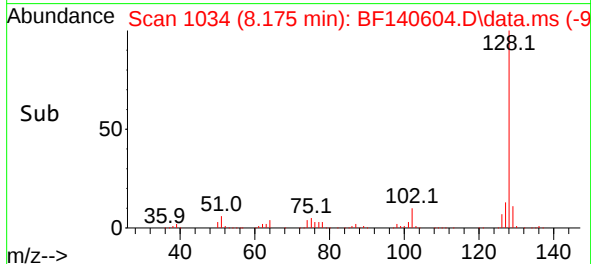
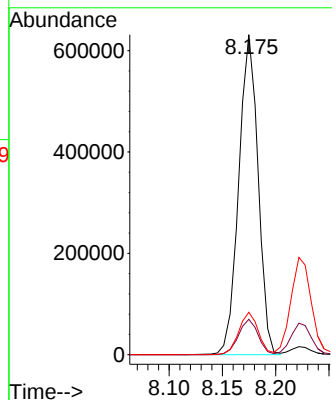
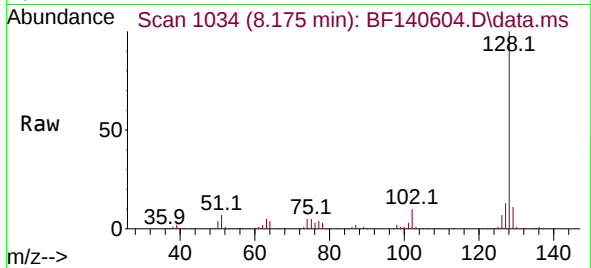
ClientSampleId :

SSTDCCC040

Tgt Ion:128 Resp: 79771
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.3 10.8 16.2

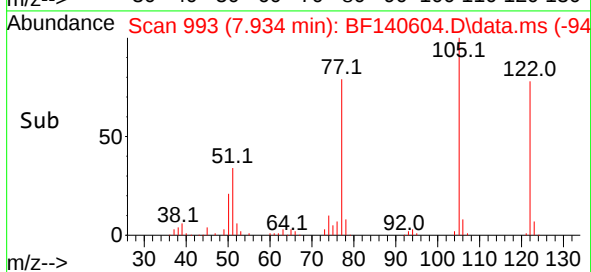
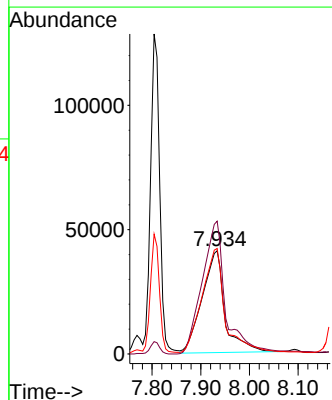
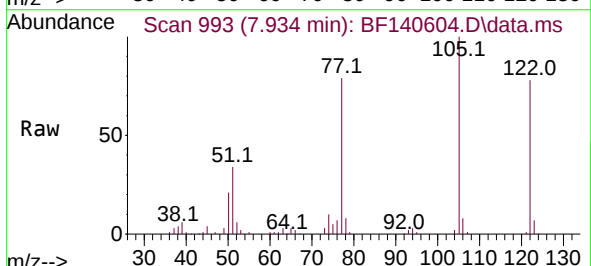
Manual Integrations
APPROVED

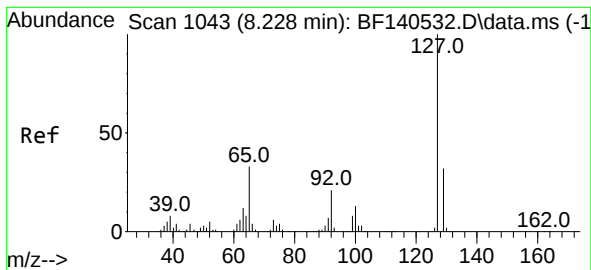
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#32
Benzoic acid
Concen: 37.962 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.005 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:122 Resp: 132755
Ion Ratio Lower Upper
122 100
105 128.6 109.3 149.3
77 102.1 82.3 122.3





#33
4-Chloroaniline
Concen: 43.479 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

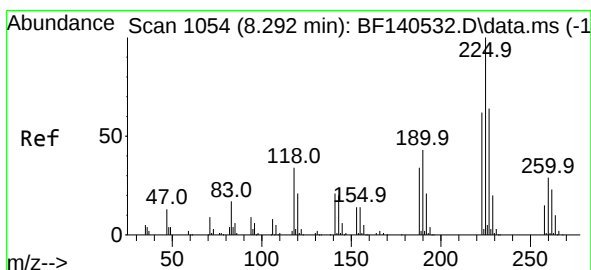
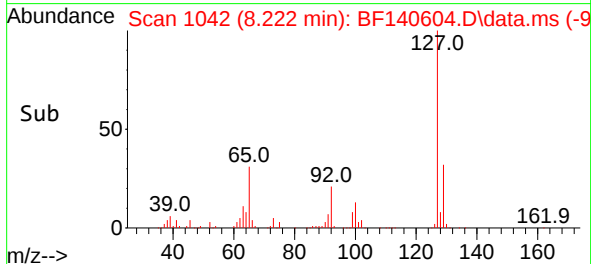
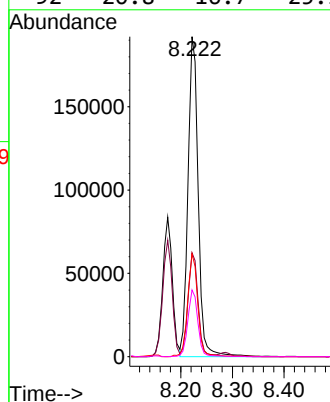
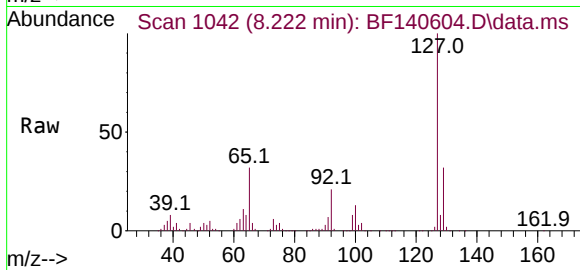
Tgt Ion:127 Resp: 263800
Ion Ratio Lower Upper
127 100
129 32.4 26.0 39.0
65 32.2 26.0 39.0
92 20.8 16.7 25.1

Manual Integrations

APPROVED

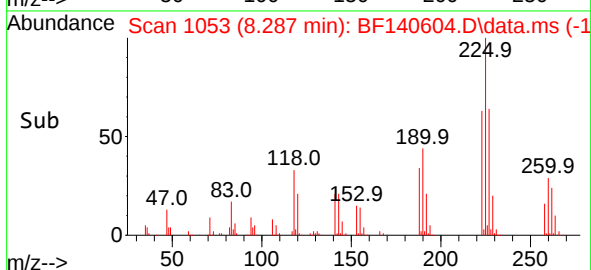
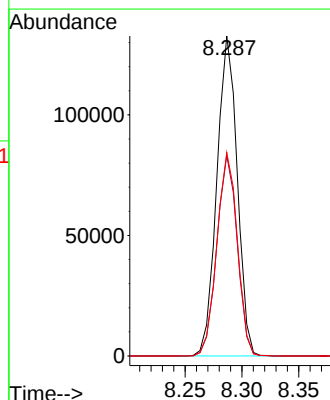
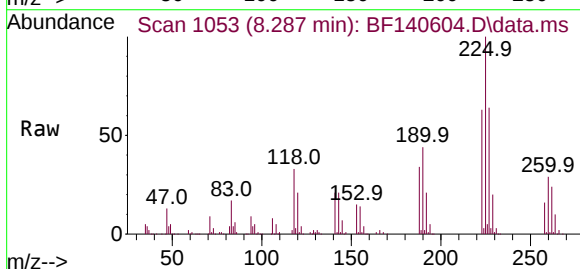
Reviewed By :Yogesh Patel 11/27/2024

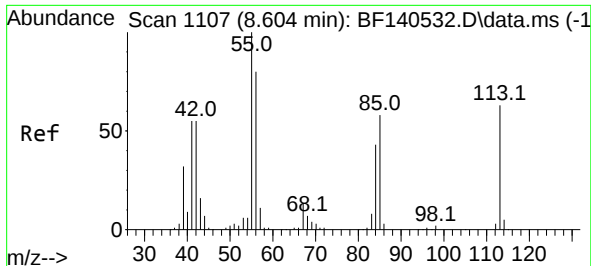
Supervised By :mohammad ahmed 11/27/2024



#34
Hexachlorobutadiene
Concen: 39.213 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:225 Resp: 165629
Ion Ratio Lower Upper
225 100
223 62.7 49.8 74.8
227 63.6 51.3 76.9





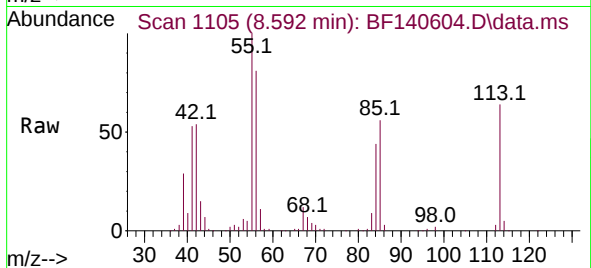
#35
Caprolactam
Concen: 40.238 ng
RT: 8.592 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



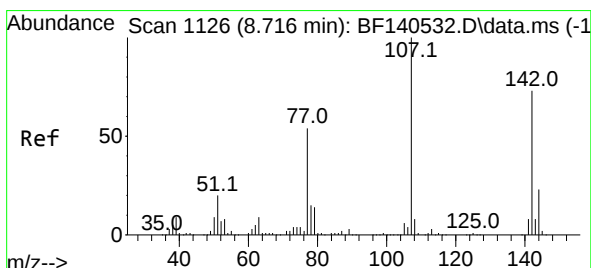
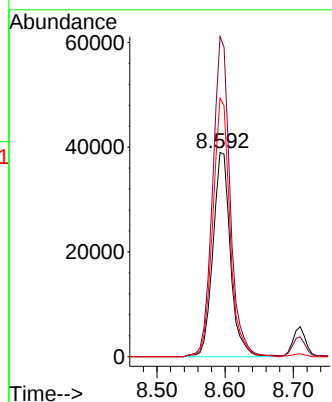
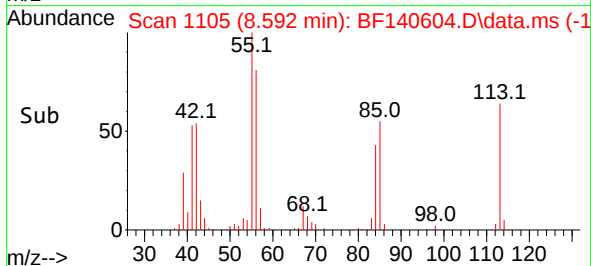
Tgt Ion:113 Resp: 69550
Ion Ratio Lower Upper
113 100
55 156.7 137.7 177.7
56 126.6 106.4 146.4

Manual Integrations

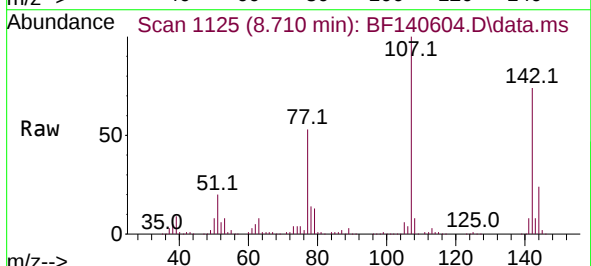
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

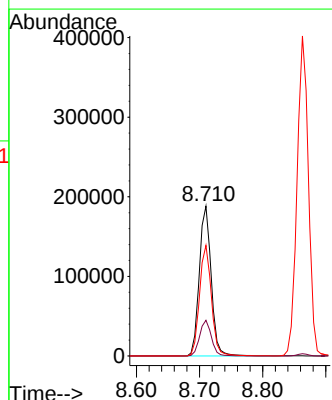
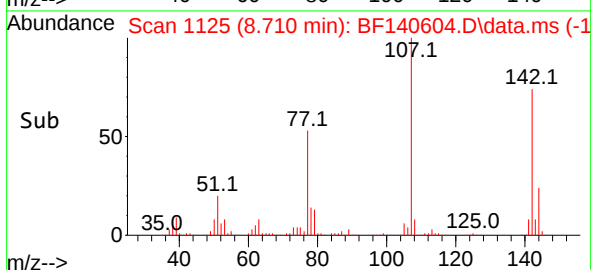
Supervised By :mohammad ahmed 11/27/2024

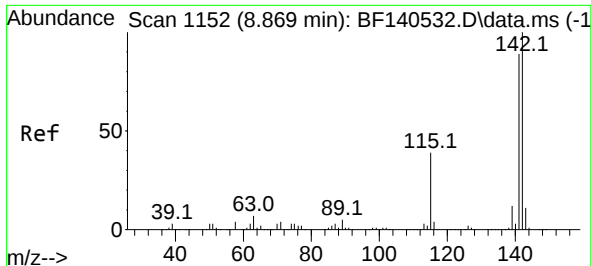


#36
4-Chloro-3-methylphenol
Concen: 39.361 ng
RT: 8.710 min Scan# 1125
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:107 Resp: 246142
Ion Ratio Lower Upper
107 100
144 23.8 18.7 28.1
142 73.8 58.3 87.5





#37
2-Methylnaphthalene
Concen: 39.171 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

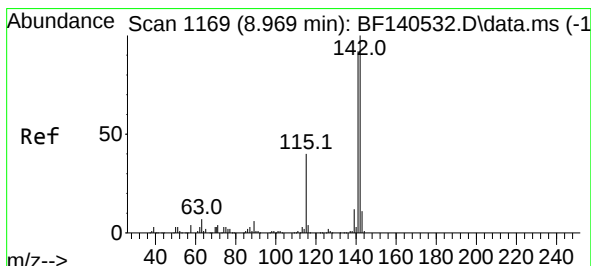
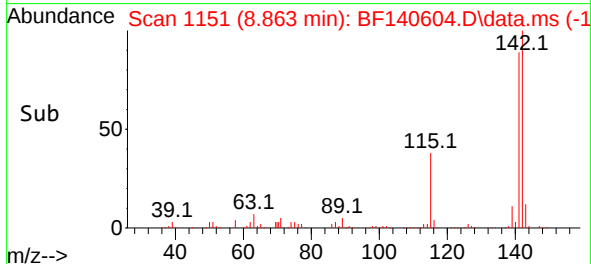
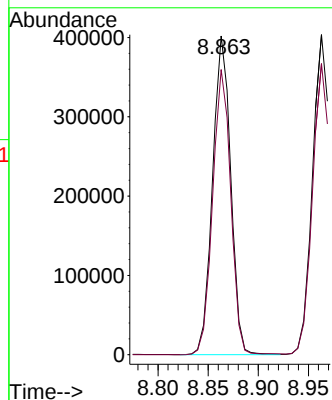
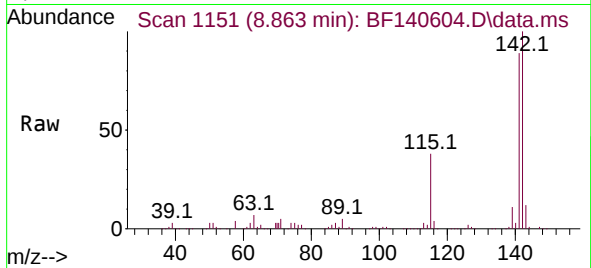
Tgt Ion:142 Resp: 504190
Ion Ratio Lower Upper
142 100
141 89.5 71.0 106.6

Manual Integrations

APPROVED

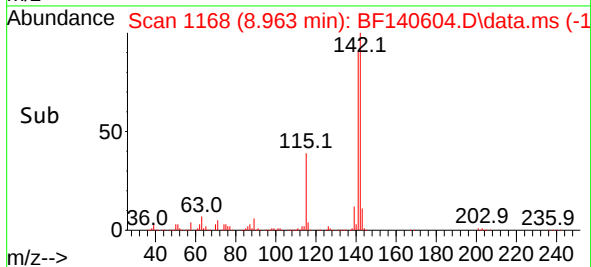
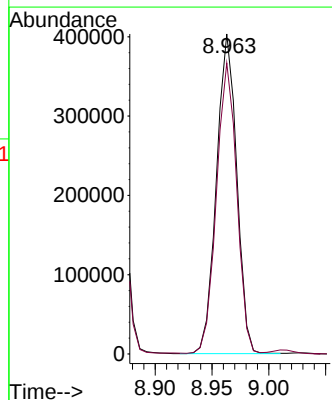
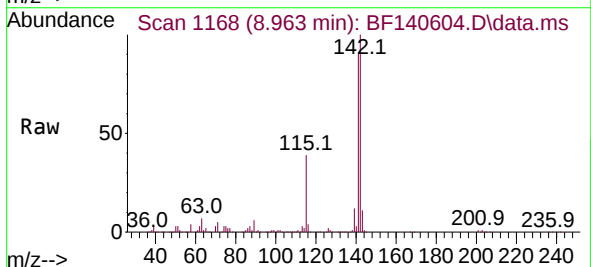
Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#38
1-Methylnaphthalene
Concen: 39.666 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:142 Resp: 500451
Ion Ratio Lower Upper
142 100
141 90.9 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.910 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140604.D

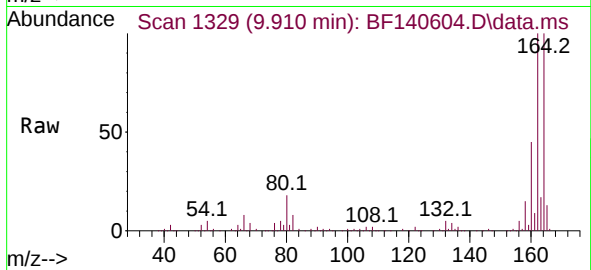
Acq: 25 Nov 2024 15:49

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 21883

Ion Ratio Lower Upper

164 100

162 99.8 80.6 120.8

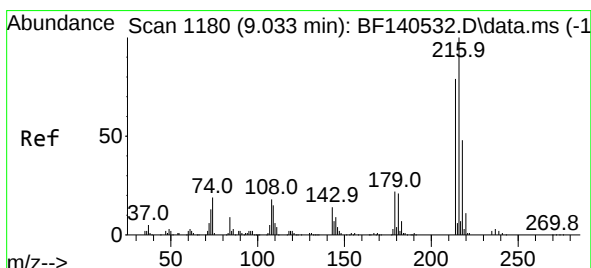
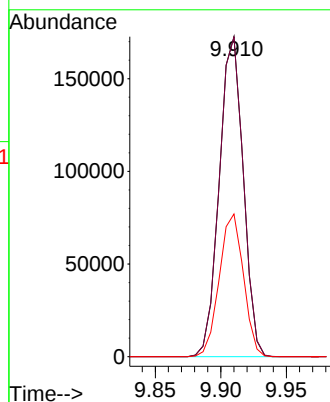
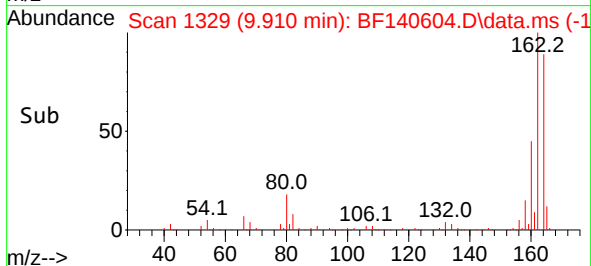
160 44.6 36.2 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.161 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Tgt Ion:216 Resp: 250880

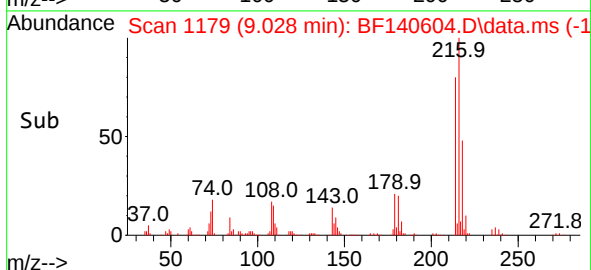
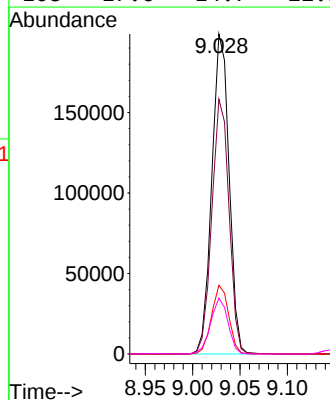
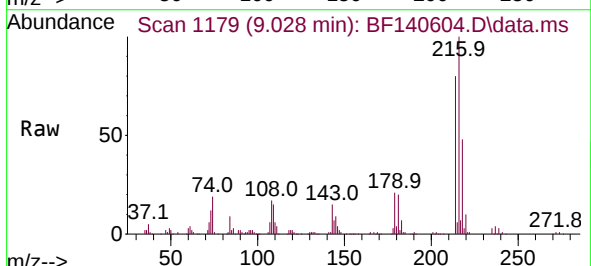
Ion Ratio Lower Upper

216 100

214 79.5 63.0 94.4

179 21.3 17.5 26.3

108 17.6 14.7 22.1





#41
Hexachlorocyclopentadiene
Concen: 36.552 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

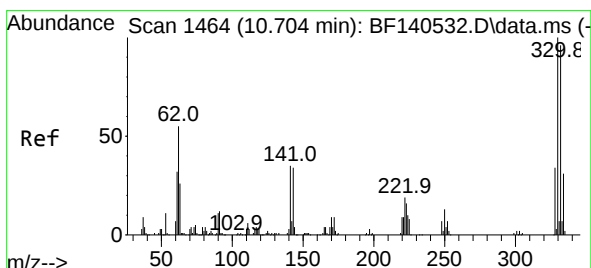
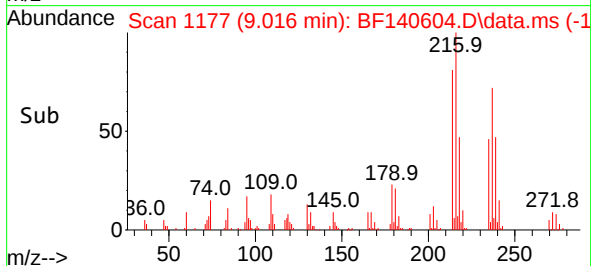
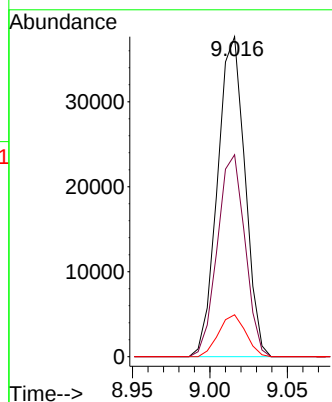
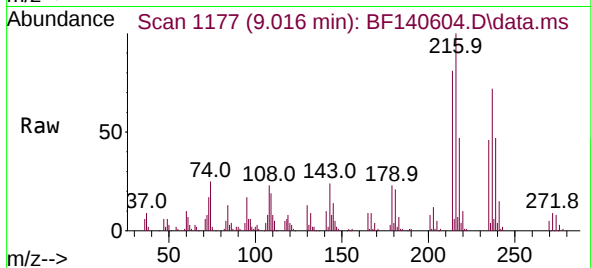
SSTDCCC040

Tgt Ion:237 Resp: 46360
Ion Ratio Lower Upper
237 100
235 63.1 41.1 81.1
272 13.1 0.0 32.6

Manual Integrations

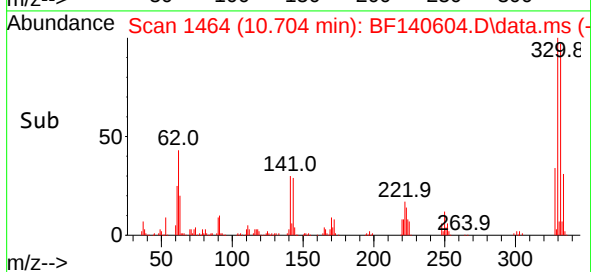
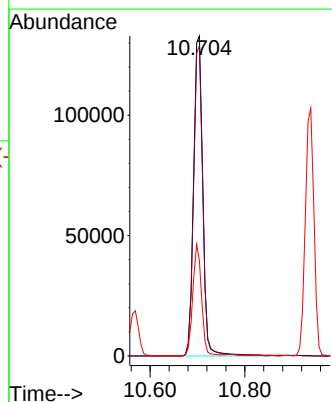
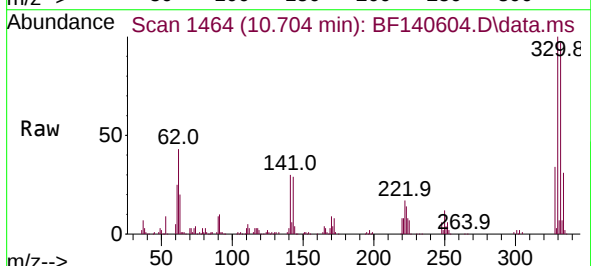
APPROVED

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



#42
2,4,6-Tribromophenol
Concen: 76.932 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:330 Resp: 180057
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 32.9 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 38.964 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 15663

Ion Ratio Lower Upper

196 100

198 94.0 76.8 115.2

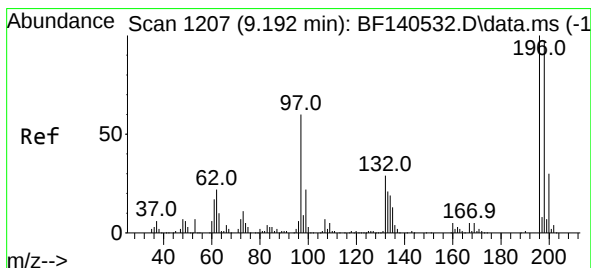
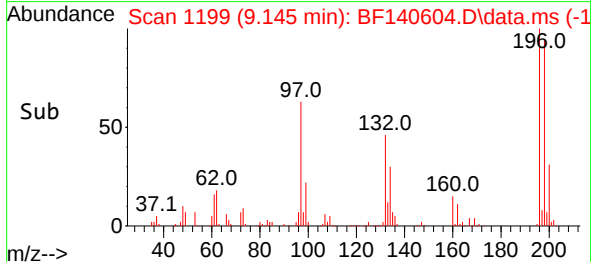
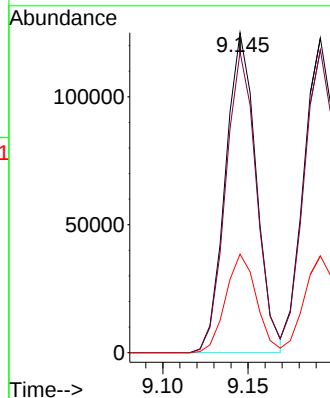
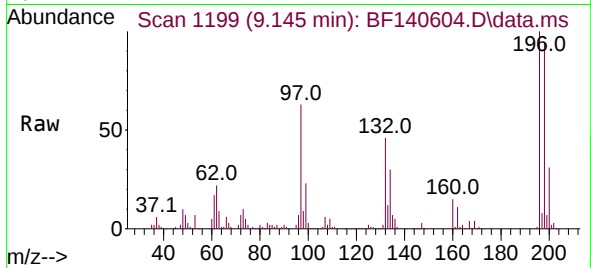
200 30.8 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#44

2,4,5-Trichlorophenol

Concen: 39.616 ng

RT: 9.192 min Scan# 1207

Delta R.T. 0.000 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Tgt Ion:196 Resp: 172838

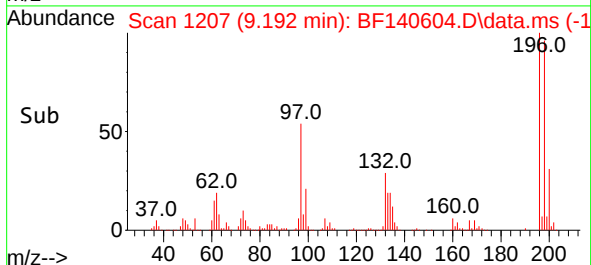
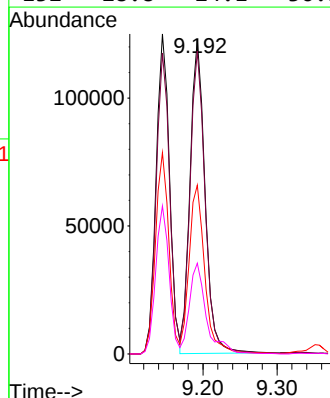
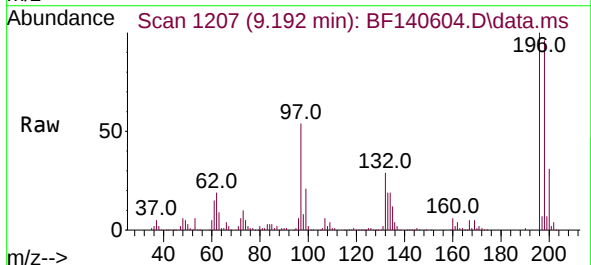
Ion Ratio Lower Upper

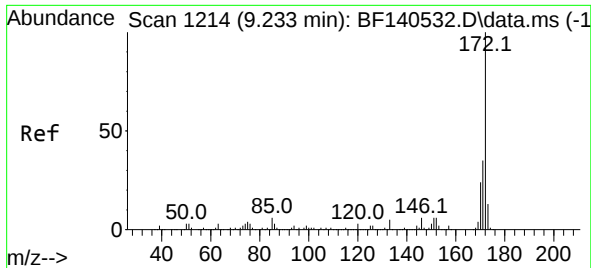
196 100

198 96.3 77.2 115.8

97 53.6 47.1 70.7

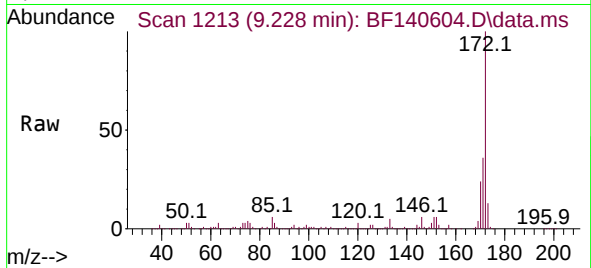
132 28.8 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 76.385 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

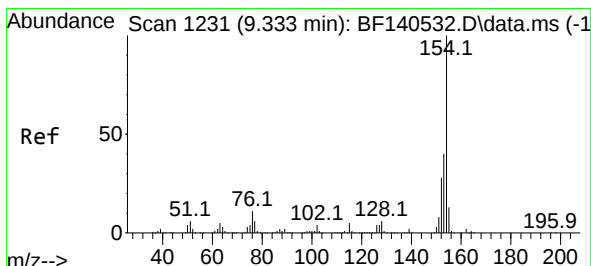
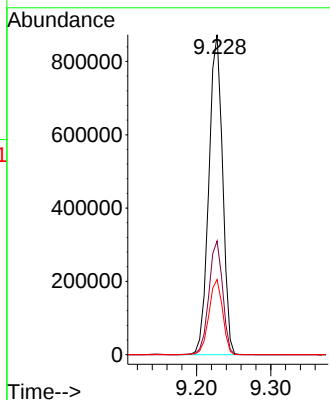
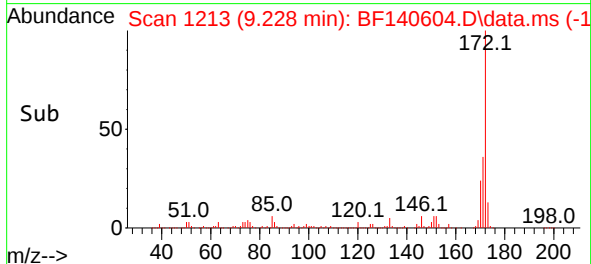
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 112190
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.5 19.0 28.6

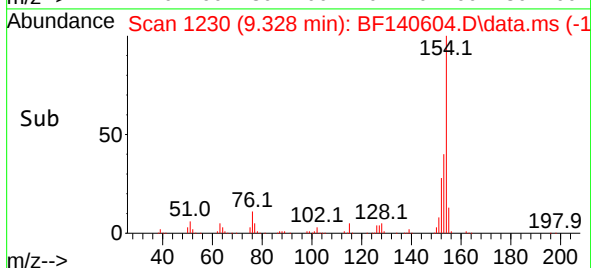
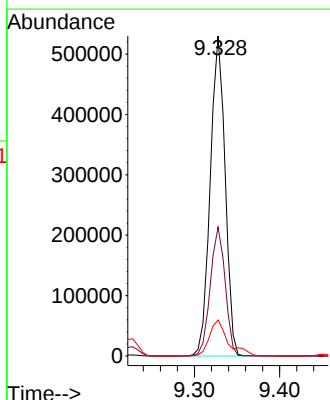
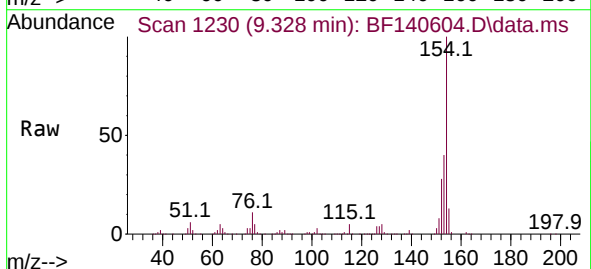
Manual Integrations
APPROVED

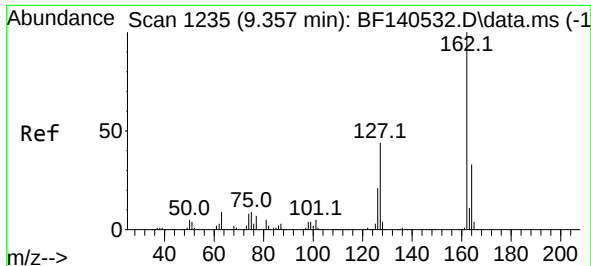
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#46
1,1'-Biphenyl
Concen: 39.310 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:154 Resp: 642257
Ion Ratio Lower Upper
154 100
153 40.2 20.4 60.4
76 11.2 0.0 31.2





#47

2-Chloronaphthalene

Concen: 39.263 ng

RT: 9.357 min Scan# 1235

Delta R.T. 0.000 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

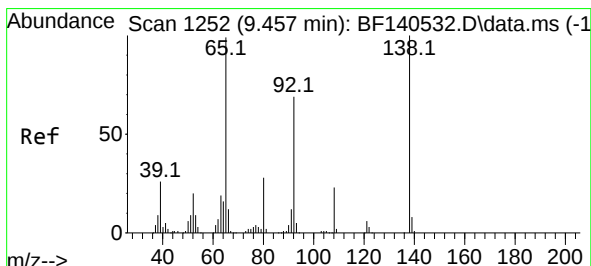
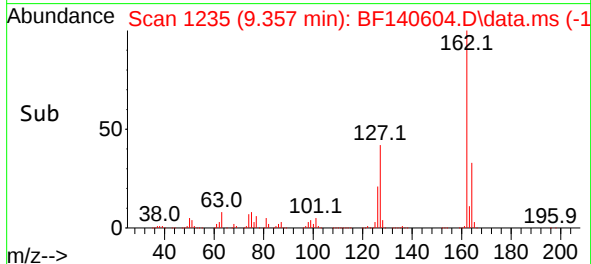
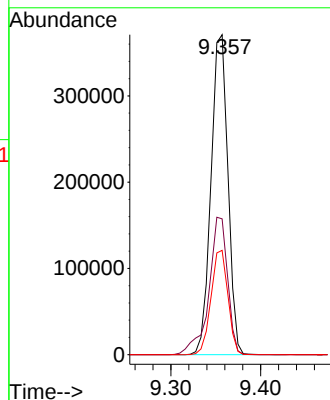
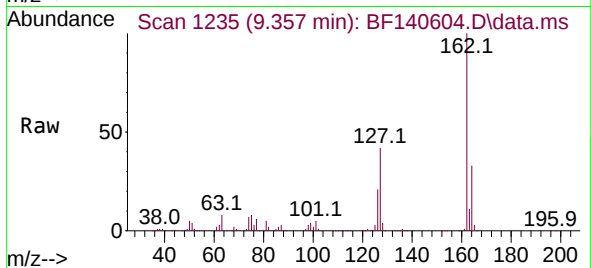
Tgt Ion:162 Resp: 486075
 Ion Ratio Lower Upper
 162 100
 127 42.4 35.7 53.5
 164 32.6 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#48

2-Nitroaniline

Concen: 38.667 ng

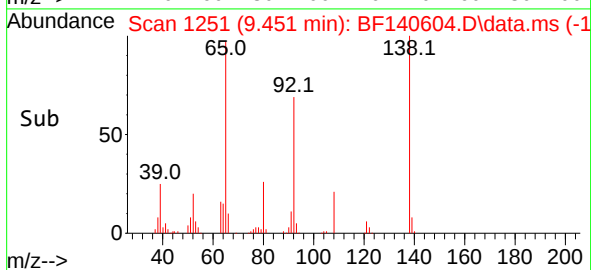
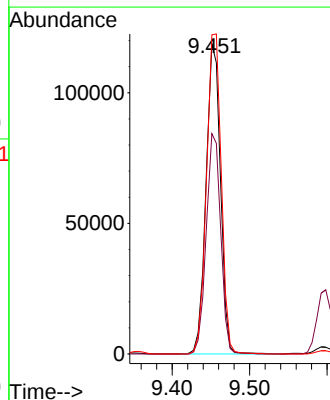
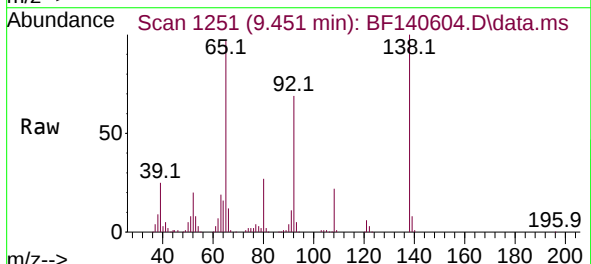
RT: 9.451 min Scan# 1251

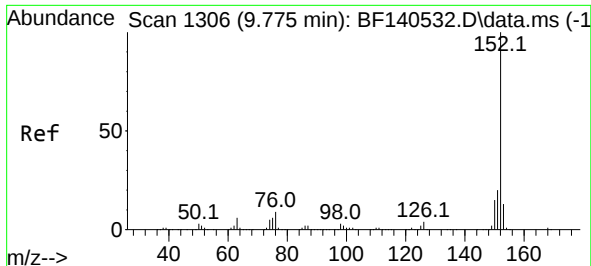
Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Tgt Ion: 65 Resp: 153653
 Ion Ratio Lower Upper
 65 100
 92 71.1 56.1 84.1
 138 103.0 81.0 121.6





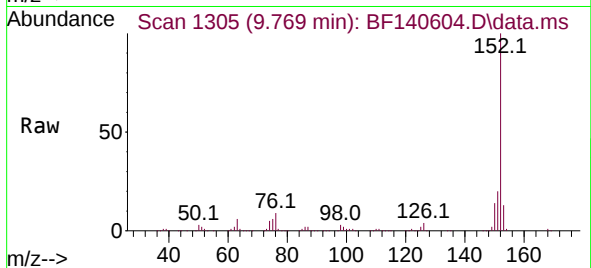
#49
Acenaphthylene
Concen: 39.111 ng
RT: 9.769 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



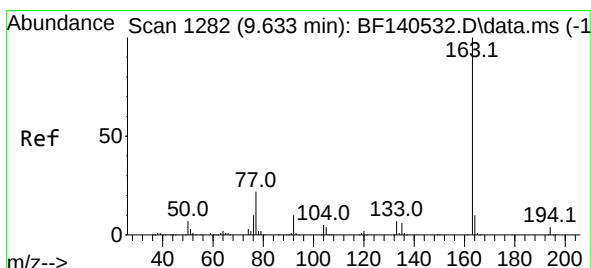
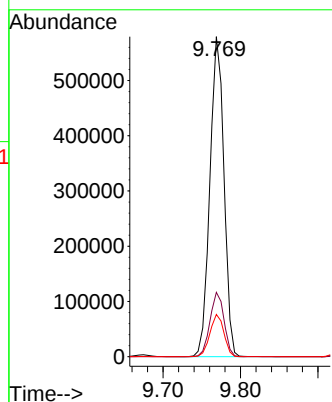
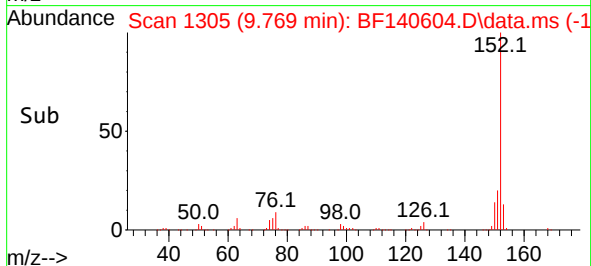
Tgt Ion:152 Resp: 73158
Ion Ratio Lower Upper
152 100
151 20.1 15.9 23.9
153 13.2 10.6 16.0

Manual Integrations

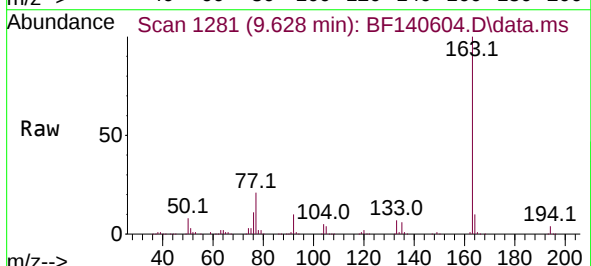
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

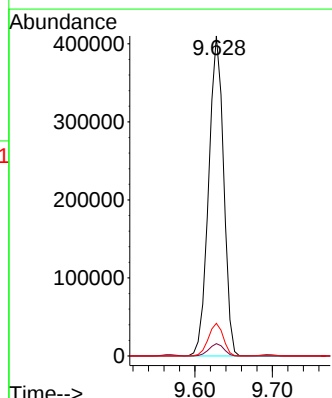
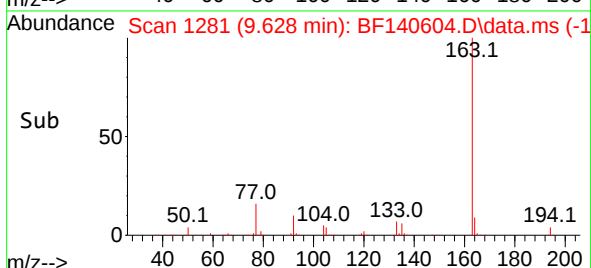
Supervised By :mohammad ahmed 11/27/2024

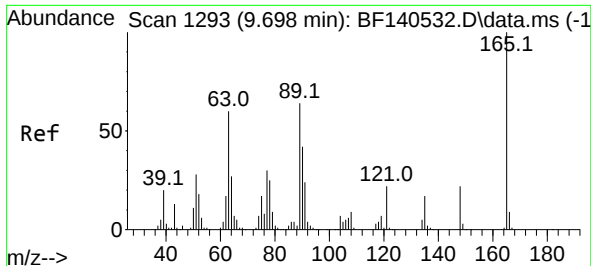


#50
Dimethylphthalate
Concen: 38.266 ng
RT: 9.628 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:163 Resp: 551498
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.2





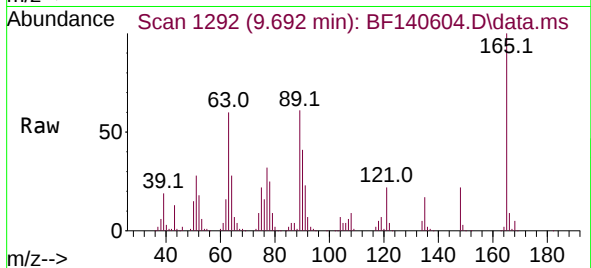
#51
2,6-Dinitrotoluene
Concen: 39.685 ng
RT: 9.692 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



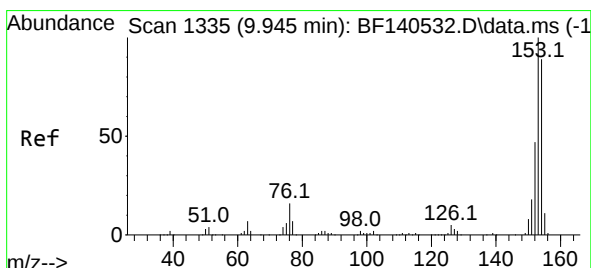
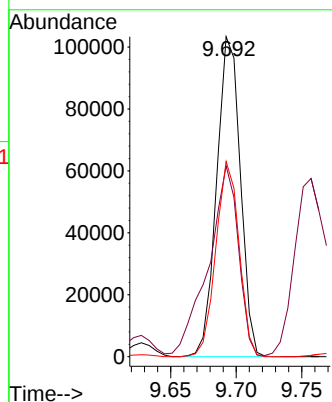
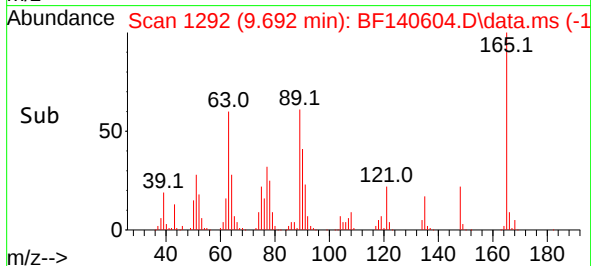
Tgt Ion:165 Resp: 129715
Ion Ratio Lower Upper
165 100
63 59.6 49.9 74.9
89 61.0 50.9 76.3

Manual Integrations

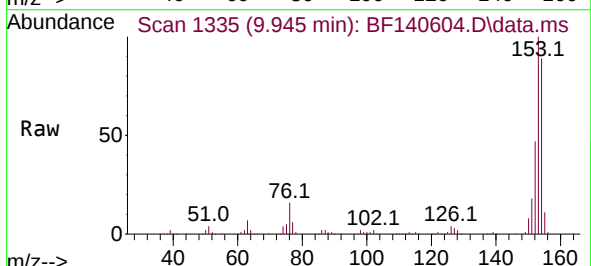
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

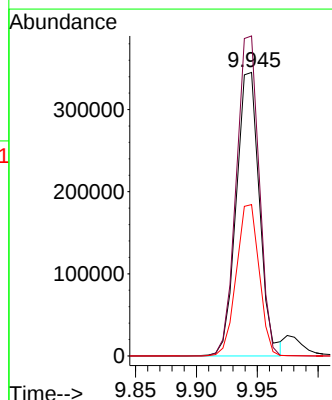
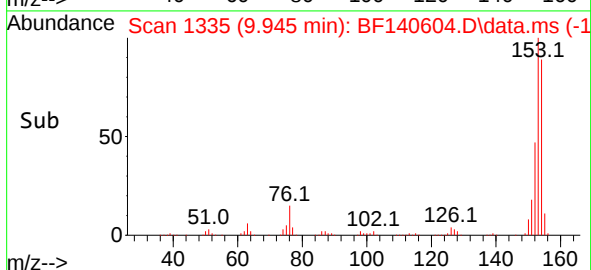
Supervised By :mohammad ahmed 11/27/2024

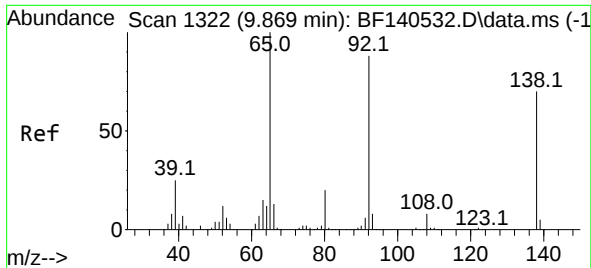


#52
Acenaphthene
Concen: 38.661 ng
RT: 9.945 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:154 Resp: 459493
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 53.4 42.5 63.7





#53
3-Nitroaniline
Concen: 38.687 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

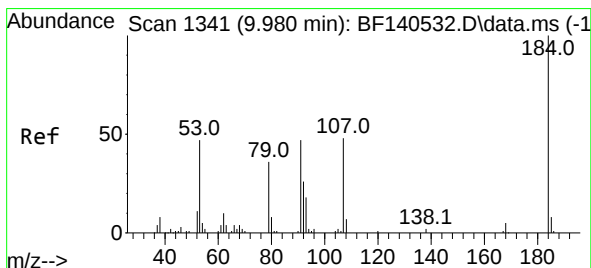
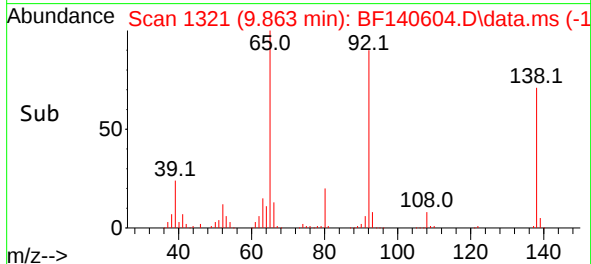
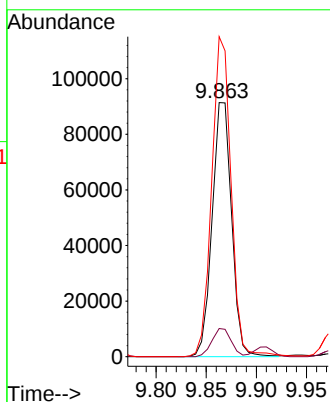
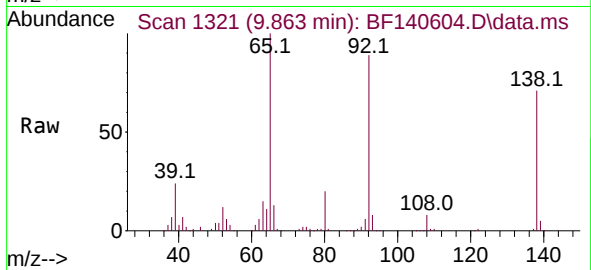
SSTDCCC040

Tgt Ion:138 Resp: 123678
Ion Ratio Lower Upper
138 100
108 11.1 9.2 13.8
92 125.9 100.6 150.8

Manual Integrations

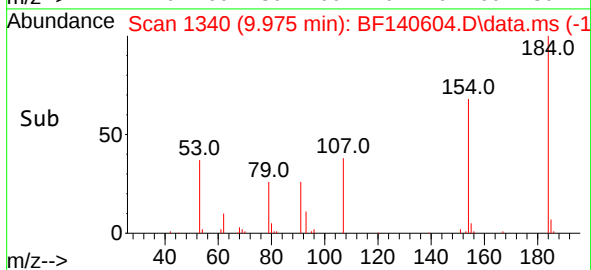
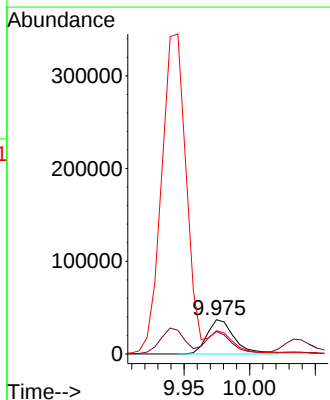
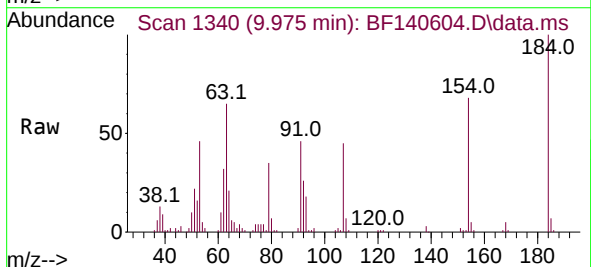
APPROVED

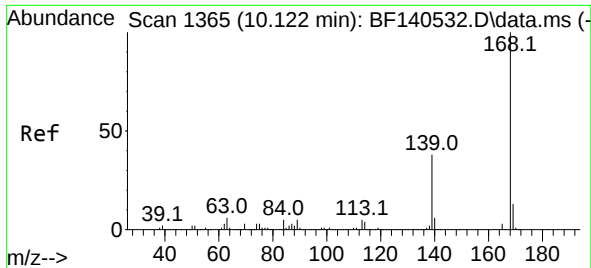
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#54
2,4-Dinitrophenol
Concen: 36.476 ng
RT: 9.975 min Scan# 1340
Delta R.T. -0.005 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

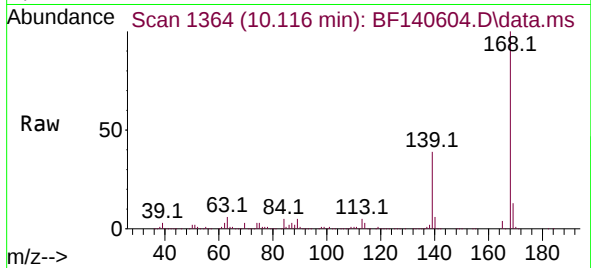
Tgt Ion:184 Resp: 53762
Ion Ratio Lower Upper
184 100
63 65.3 54.1 81.1
154 67.6 57.4 86.0





#55
Dibenzenofuran
Concen: 38.157 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

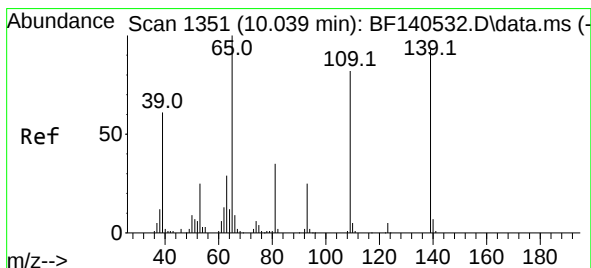
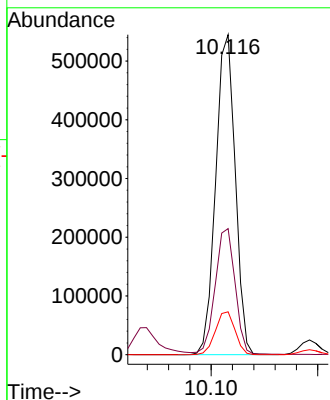
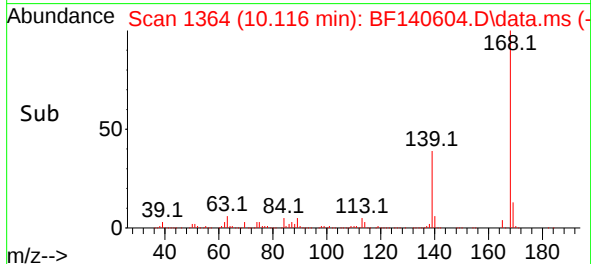
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:168 Resp: 691740
Ion Ratio Lower Upper
168 100
139 39.4 31.3 46.9
169 13.4 10.5 15.7

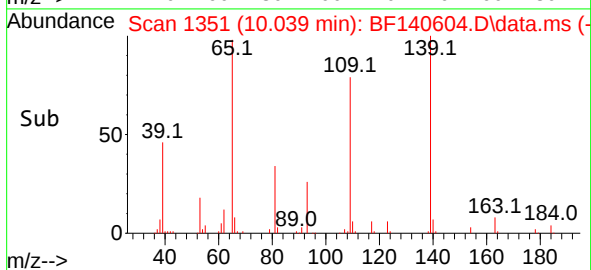
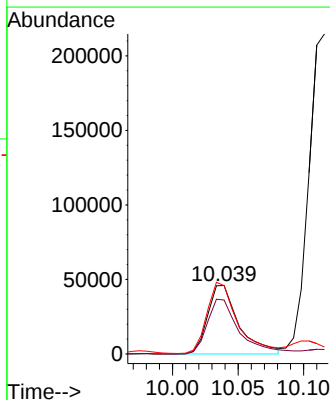
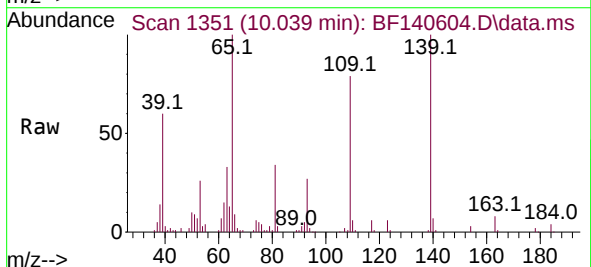
Manual Integrations
APPROVED

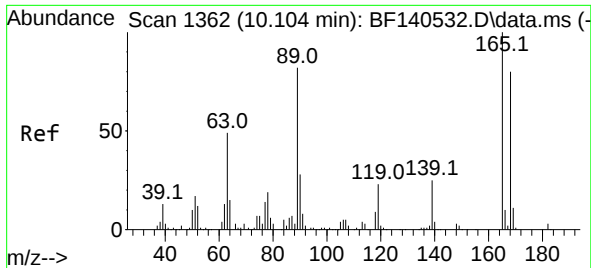
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#56
4-Nitrophenol
Concen: 34.868 ng
RT: 10.039 min Scan# 1351
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:139 Resp: 76021
Ion Ratio Lower Upper
139 100
109 78.8 68.4 108.4
65 99.7 88.6 128.6





#57
2,4-Dinitrotoluene
Concen: 39.205 ng
RT: 10.098 min Scan# 1361
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

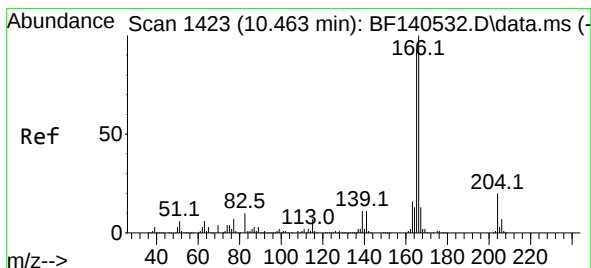
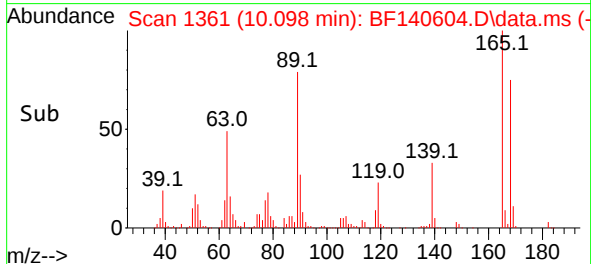
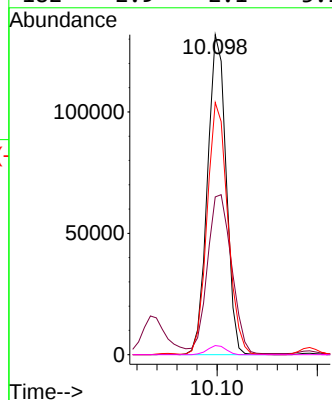
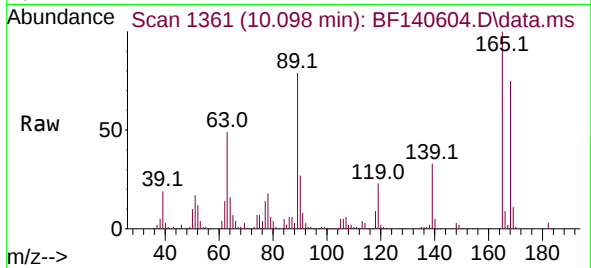
SSTDCCC040

Tgt Ion:165 Resp: 17031
Ion Ratio Lower Upper
165 100
63 49.3 41.7 62.5
89 78.8 65.8 98.8
182 2.9 2.1 3.1

Manual Integrations

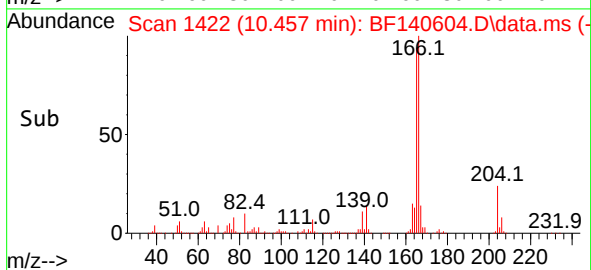
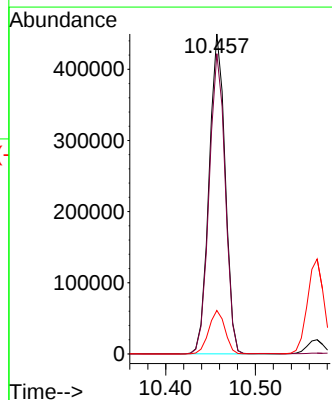
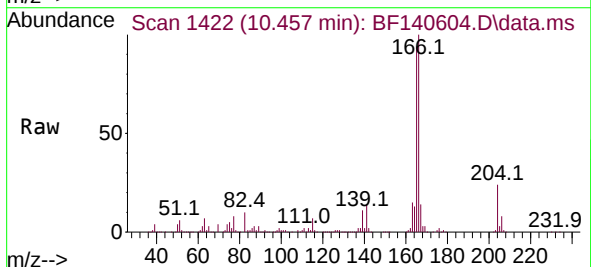
APPROVED

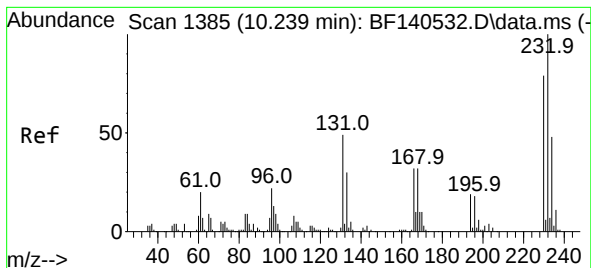
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#58
Fluorene
Concen: 38.375 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

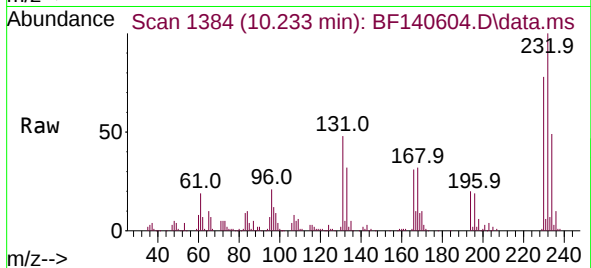
Tgt Ion:166 Resp: 558411
Ion Ratio Lower Upper
166 100
165 93.9 74.6 111.8
167 13.6 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 40.946 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

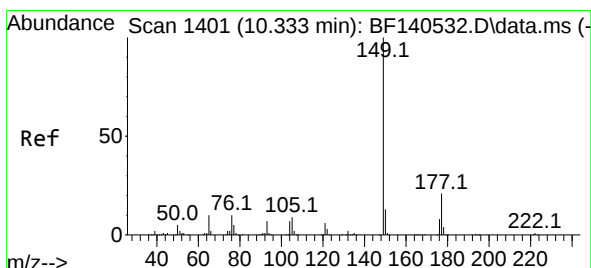
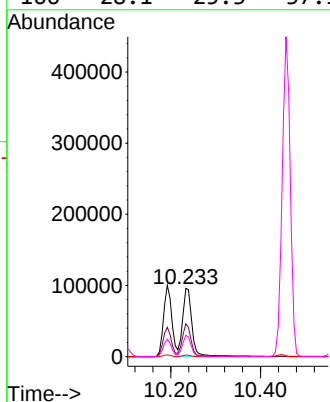
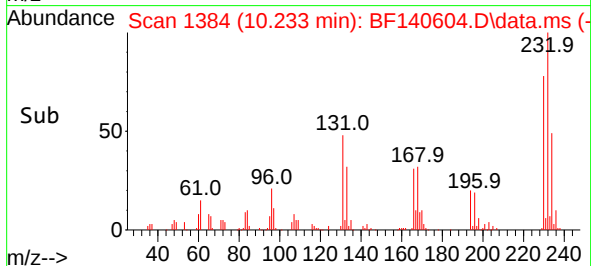
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:232 Resp: 137290
Ion Ratio Lower Upper
232 100
131 44.9 39.6 59.4
130 2.2 1.9 2.9
166 28.1 25.3 37.9

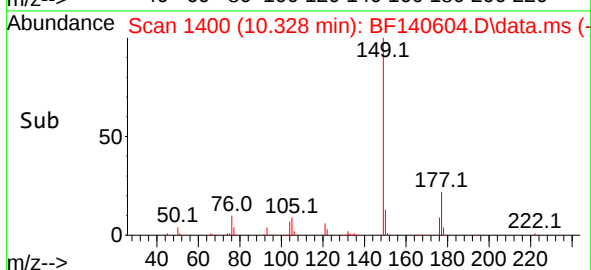
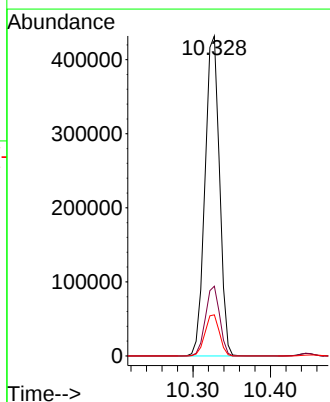
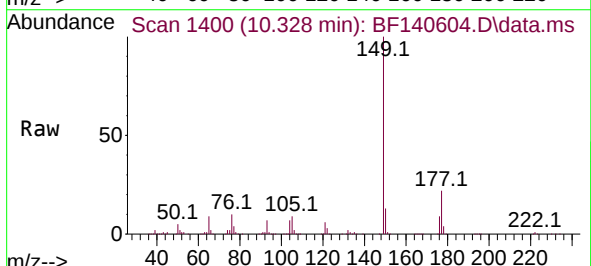
Manual Integrations
APPROVED

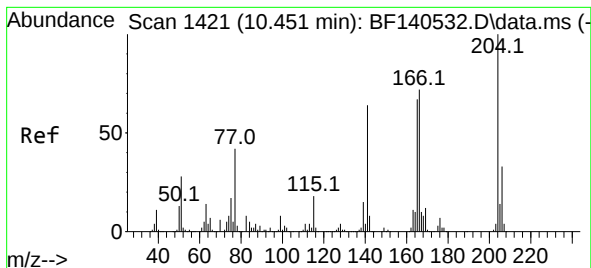
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#60
Diethylphthalate
Concen: 38.281 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

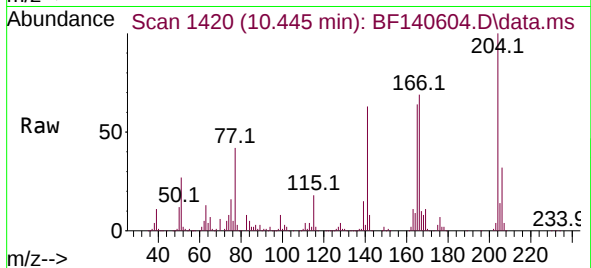
Tgt Ion:149 Resp: 560563
Ion Ratio Lower Upper
149 100
177 21.8 17.1 25.7
150 12.9 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 38.445 ng
RT: 10.445 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

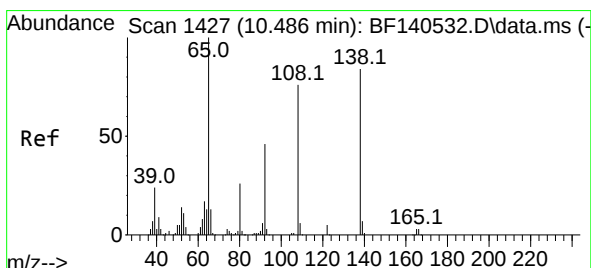
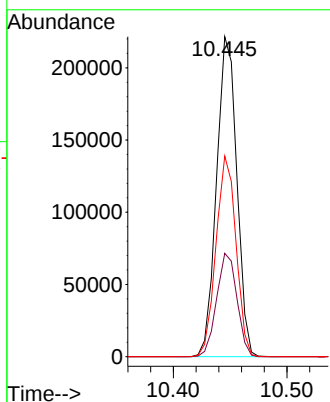
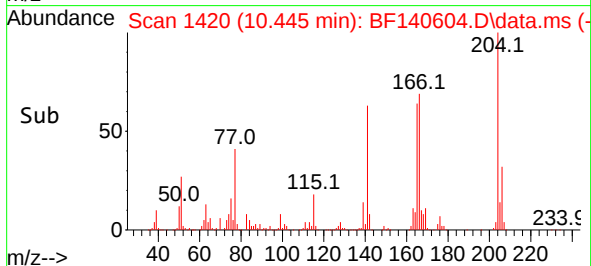
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 274540
Ion Ratio Lower Upper
204 100
206 32.3 26.6 40.0
141 62.7 51.1 76.7

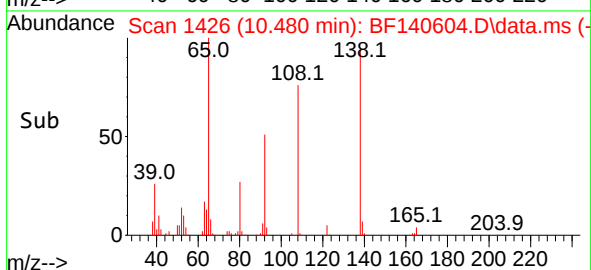
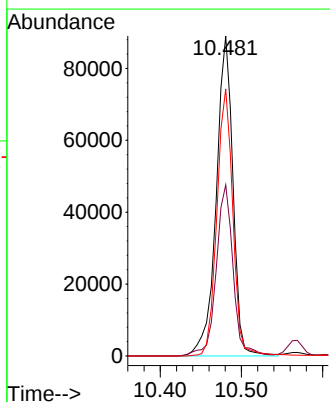
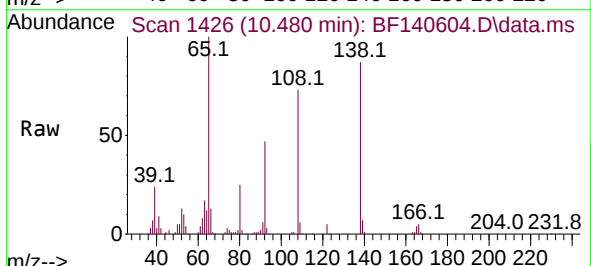
Manual Integrations
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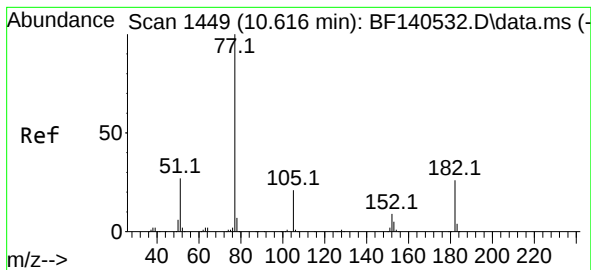
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#62
4-Nitroaniline
Concen: 38.184 ng
RT: 10.480 min Scan# 1426
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:138 Resp: 128027
Ion Ratio Lower Upper
138 100
92 53.5 34.5 74.5
108 83.5 70.6 110.6





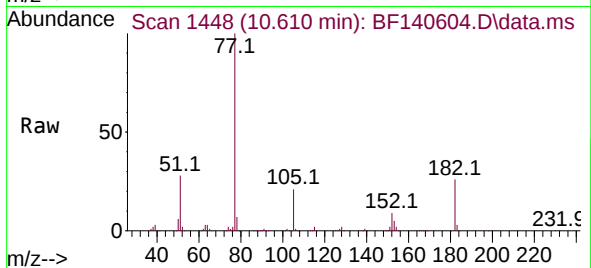
#63
Azobenzene
Concen: 38.931 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



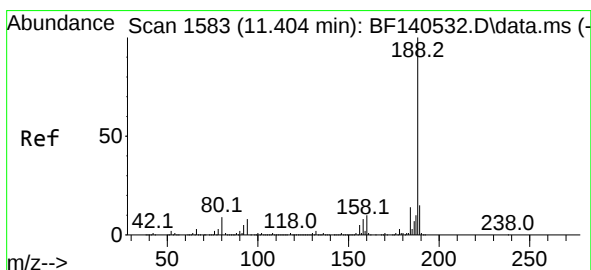
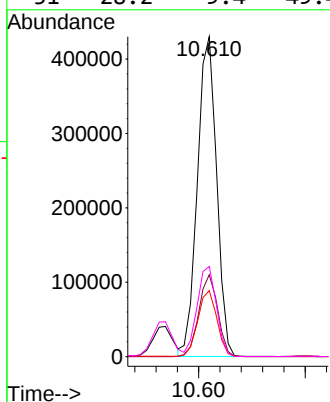
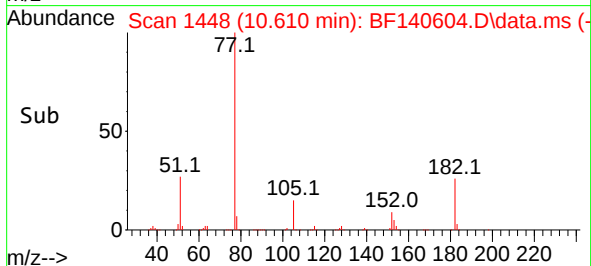
Tgt Ion: 77 Resp: 53985
Ion Ratio Lower Upper
77 100
182 25.6 5.3 45.3
105 20.6 0.3 40.3
51 28.2 9.4 49.4

Manual Integrations

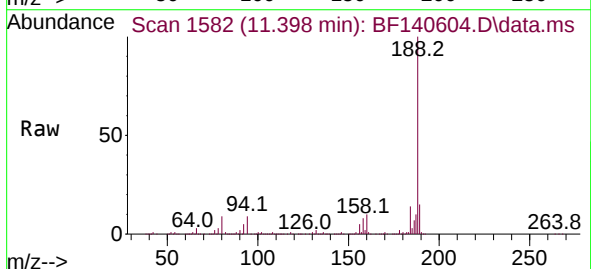
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

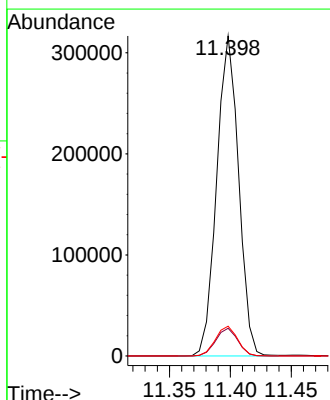
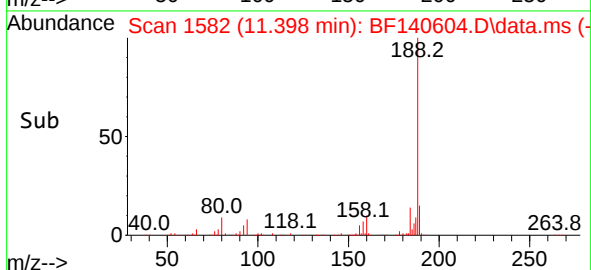
Supervised By :mohammad ahmed 11/27/2024

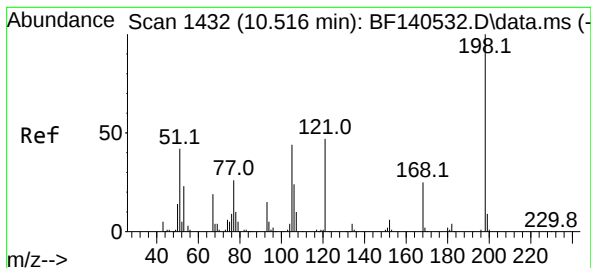


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:188 Resp: 396344
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.3 6.9 10.3





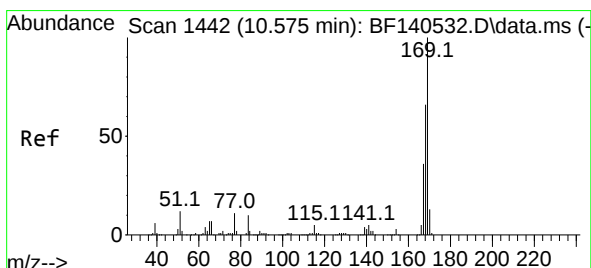
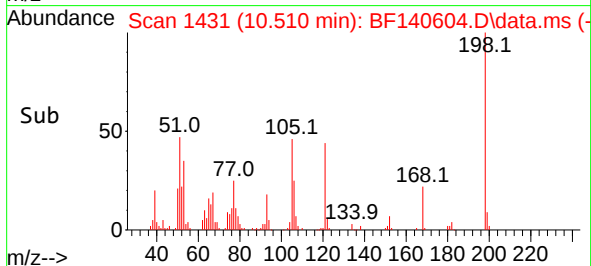
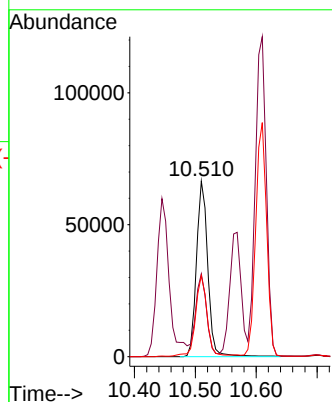
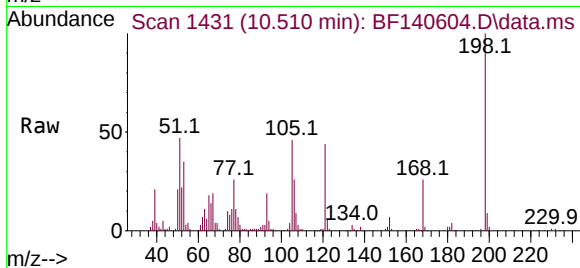
#65
4,6-Dinitro-2-methylphenol
Concen: 42.537 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 86152
Ion Ratio Lower Upper
198 100
51 47.2 29.4 69.4
105 46.2 25.4 65.4

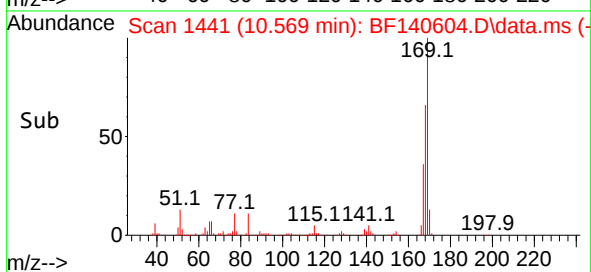
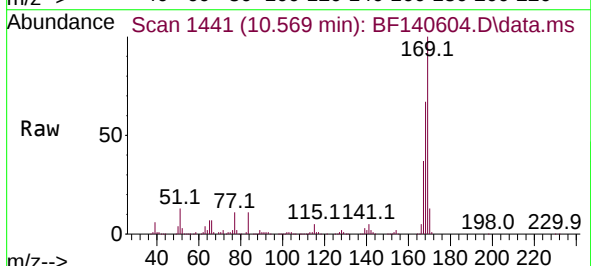
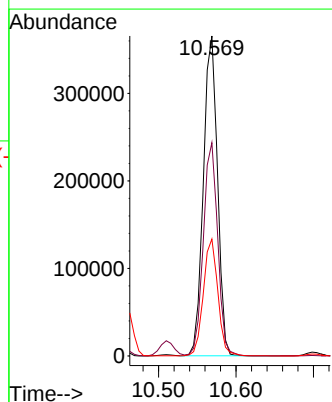
Manual Integrations
APPROVED

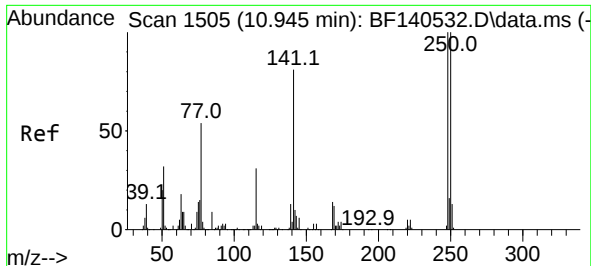
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#66
n-Nitrosodiphenylamine
Concen: 39.439 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:169 Resp: 462263
Ion Ratio Lower Upper
169 100
168 66.7 53.2 79.8
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 39.900 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

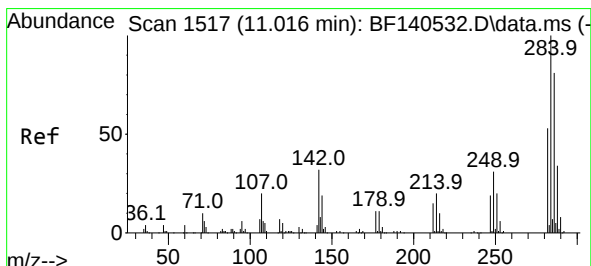
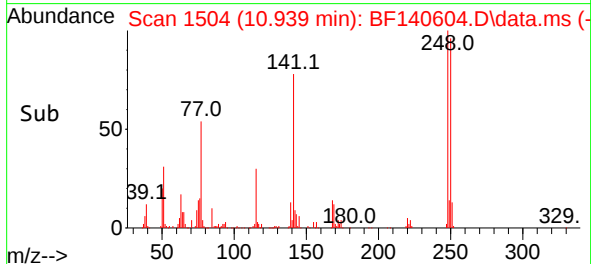
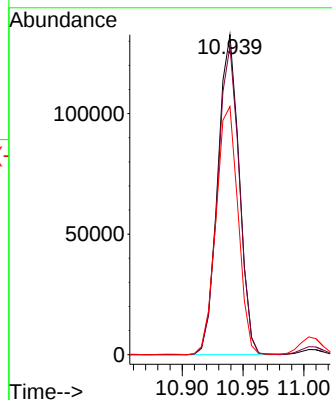
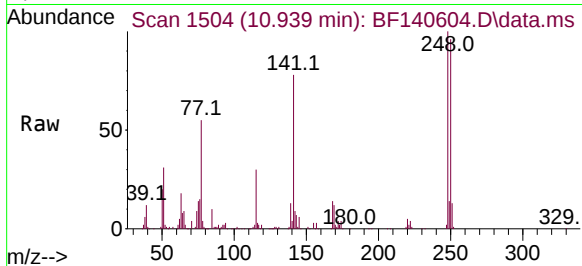
ClientSampleId :

SSTDCCC040

Tgt Ion:248 Resp: 16286
Ion Ratio Lower Upper
248 100
250 96.5 79.8 119.8
141 77.5 64.7 97.1

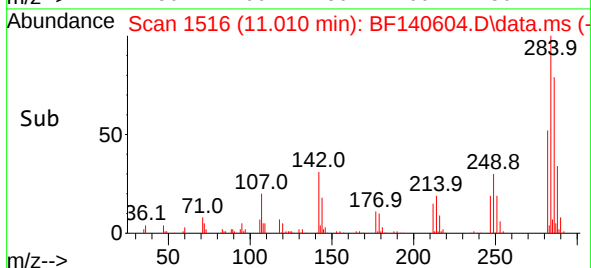
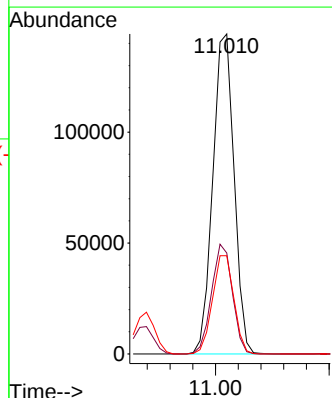
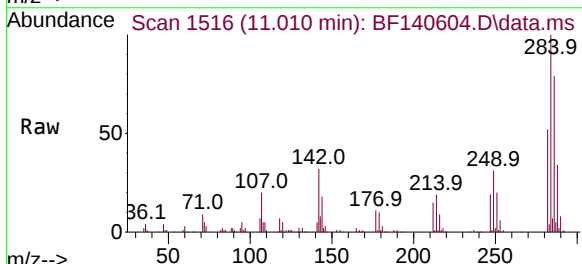
Manual Integrations
APPROVED

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



#68
Hexachlorobenzene
Concen: 39.651 ng
RT: 11.010 min Scan# 1516
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:284 Resp: 187402
Ion Ratio Lower Upper
284 100
142 31.6 25.3 37.9
249 30.7 24.8 37.2





#69

Atrazine

Concen: 39.313 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 129628

Ion Ratio Lower Upper

200 100

173 26.0 7.0 47.0

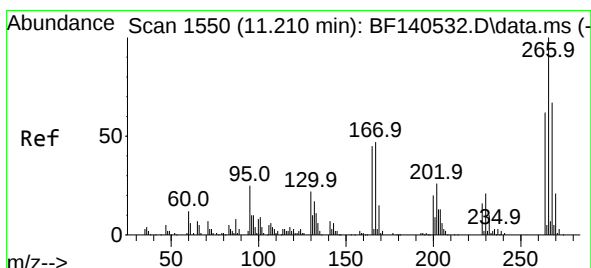
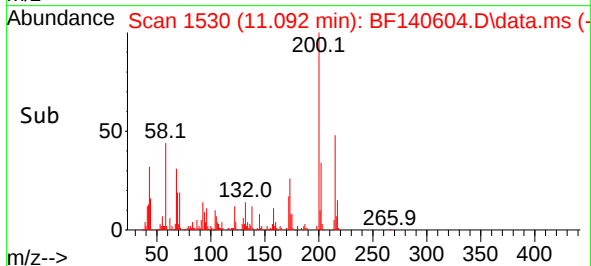
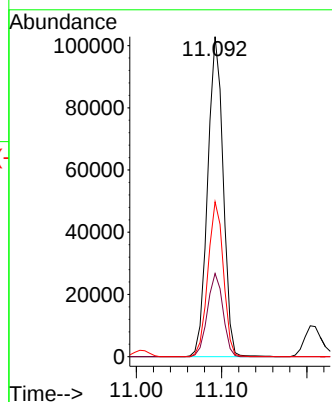
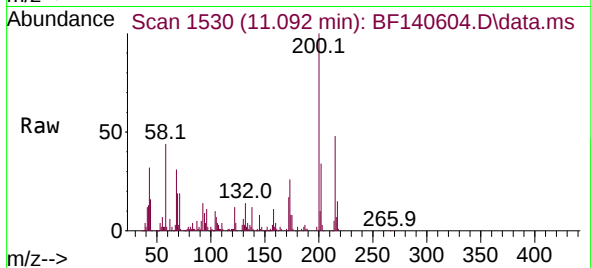
215 48.4 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#70

Pentachlorophenol

Concen: 40.265 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

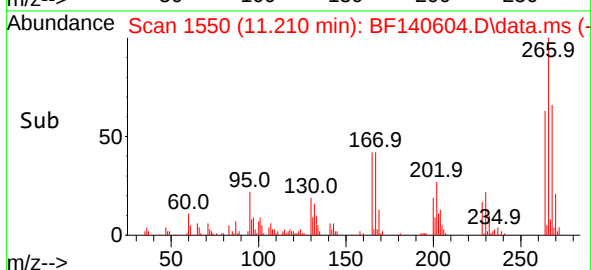
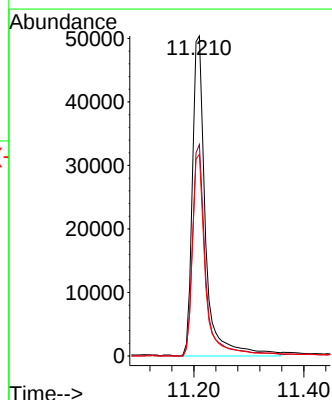
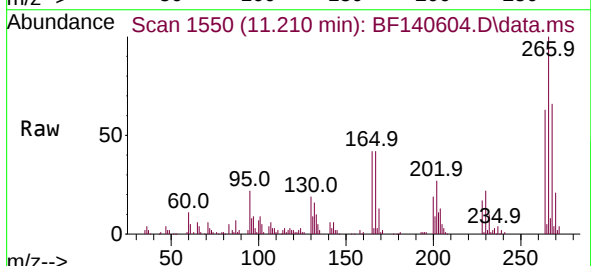
Tgt Ion:266 Resp: 83757

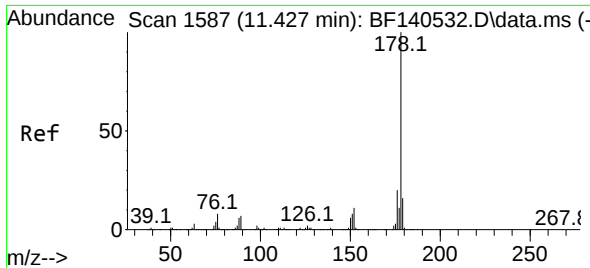
Ion Ratio Lower Upper

266 100

268 66.1 53.7 80.5

264 62.9 49.8 74.8





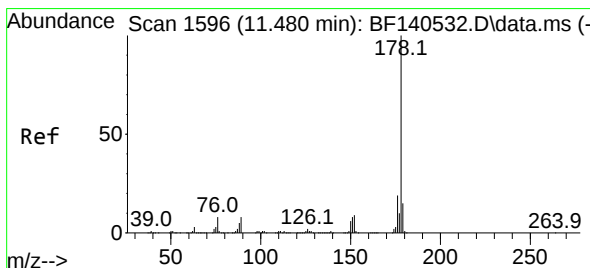
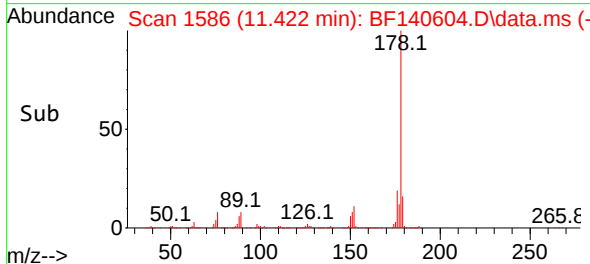
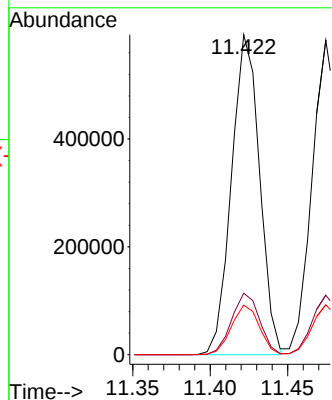
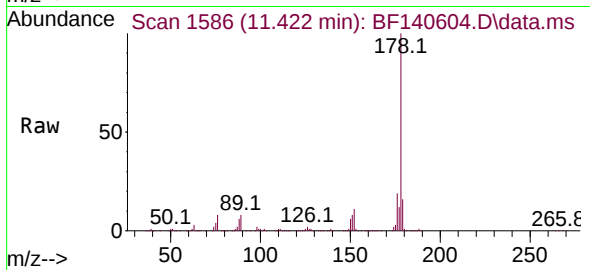
#71
Phenanthrene
Concen: 39.222 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 74725
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.5 12.4 18.6

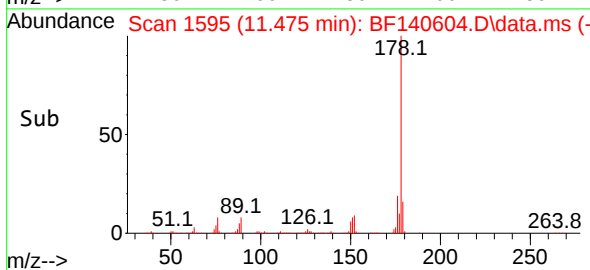
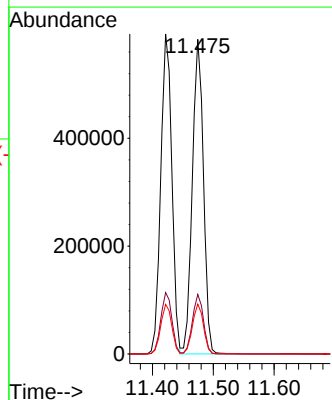
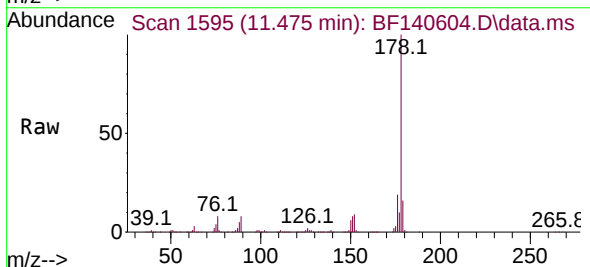
Manual Integrations
APPROVED

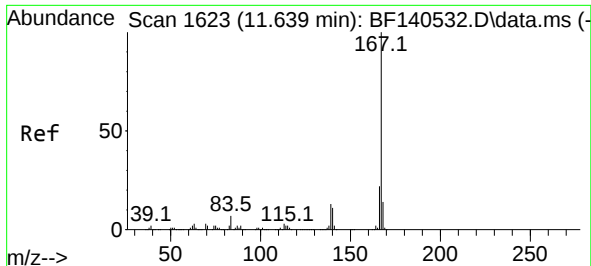
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#72
Anthracene
Concen: 39.611 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

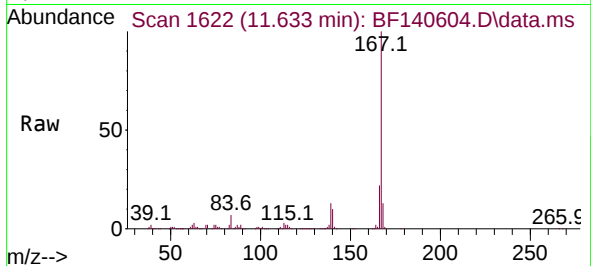
Tgt Ion:178 Resp: 738198
Ion Ratio Lower Upper
178 100
176 18.9 15.0 22.4
179 15.9 12.2 18.4





#73
 Carbazole
 Concen: 39.233 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. -0.006 min
 Lab File: BF140604.D
 Acq: 25 Nov 2024 15:49

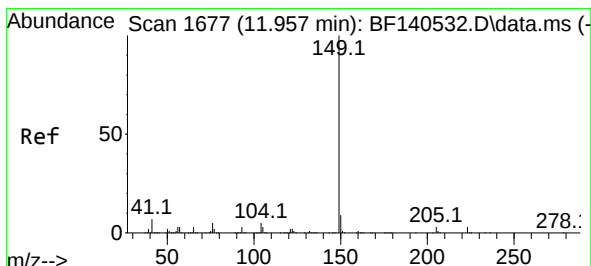
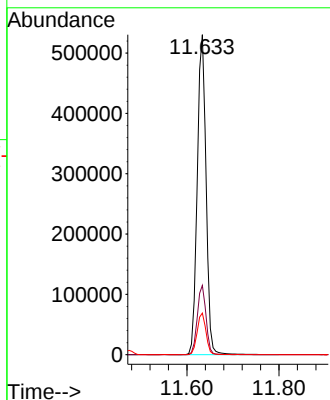
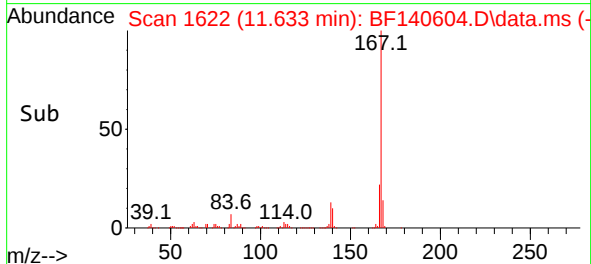
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



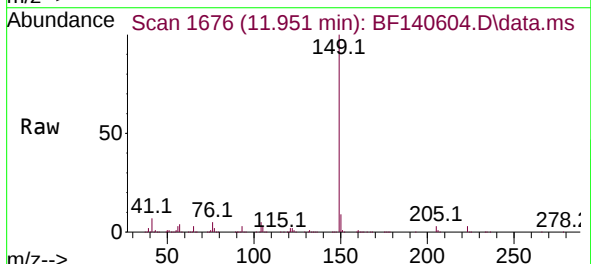
Tgt Ion:167 Resp: 703380
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 13.0 10.6 15.8

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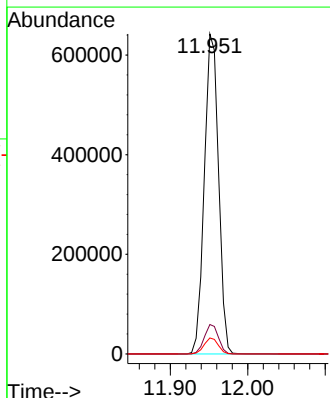
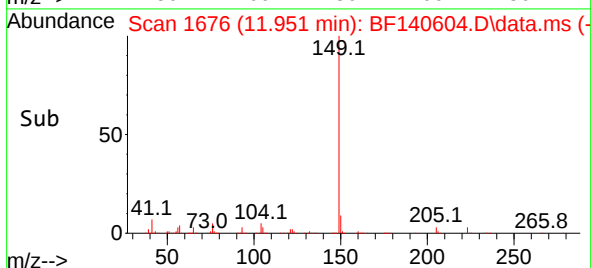
Reviewed By :Yogesh Patel 11/27/2024
 Supervised By :mohammad ahmed 11/27/2024

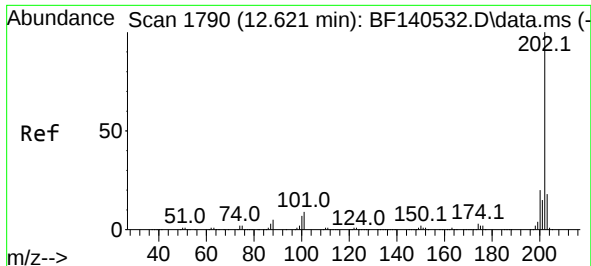


#74
 Di-n-butylphthalate
 Concen: 39.448 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF140604.D
 Acq: 25 Nov 2024 15:49



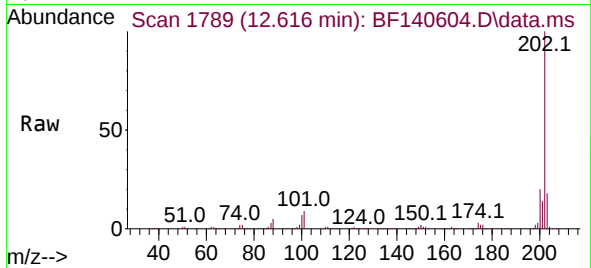
Tgt Ion:149 Resp: 816492
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 38.587 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

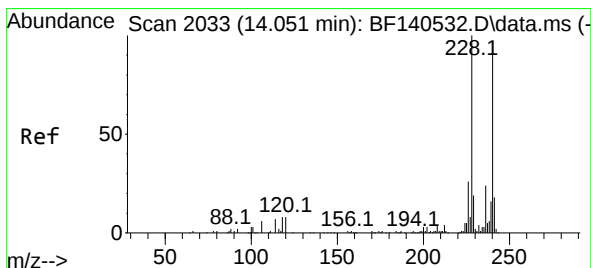
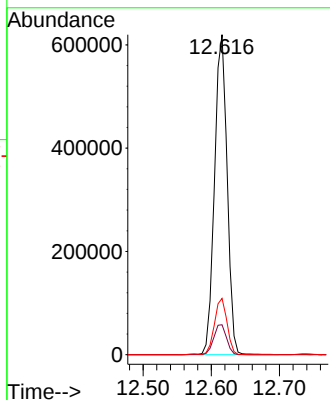
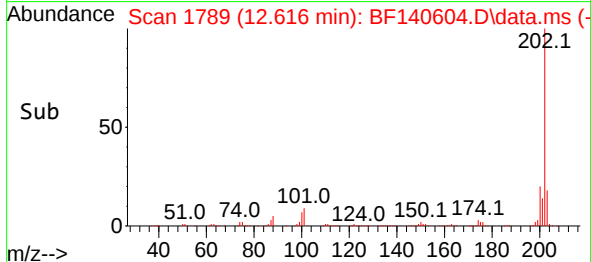
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 798194
Ion Ratio Lower Upper
202 100
101 9.4 0.0 28.9
203 17.6 0.0 37.6

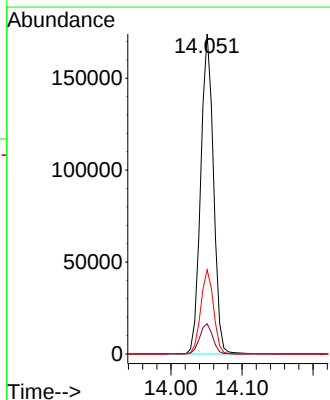
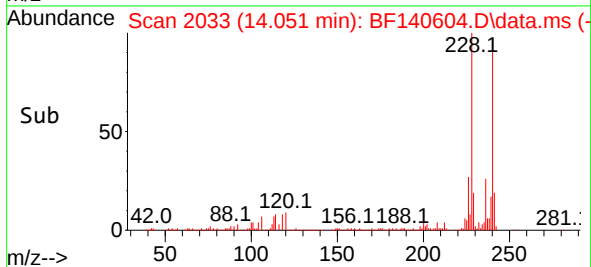
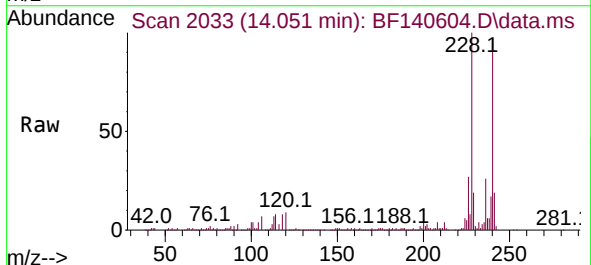
Manual Integrations
APPROVED

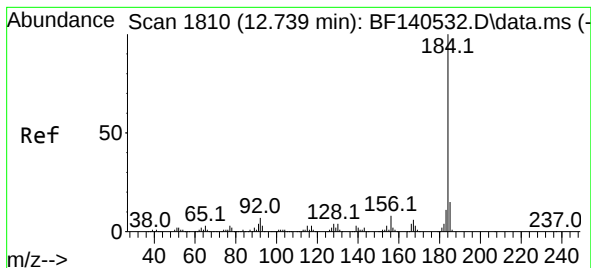
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:240 Resp: 217927
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.3 20.6 31.0





#77

Benzidine

Concen: 54.347 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.000 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:184 Resp: 344350

Ion Ratio Lower Upper

184 100

185 14.5 11.7 17.5

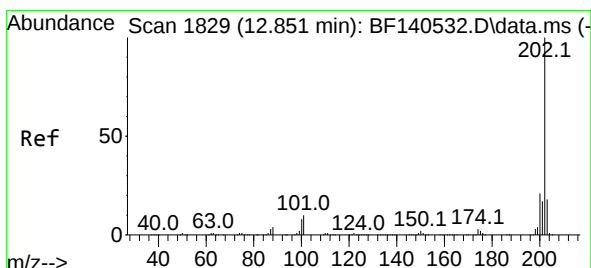
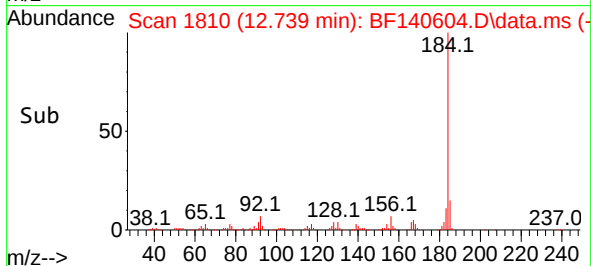
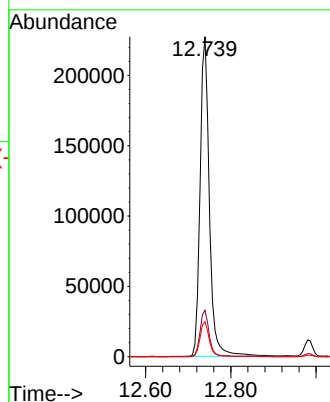
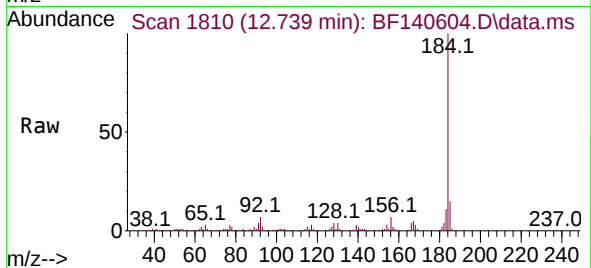
183 10.9 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#78

Pyrene

Concen: 40.033 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

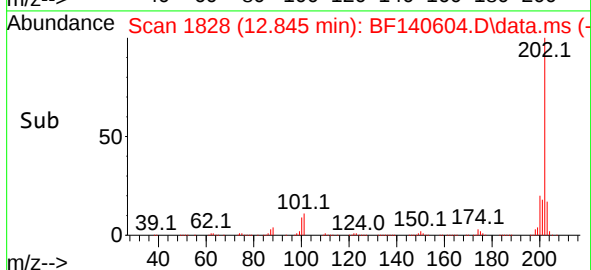
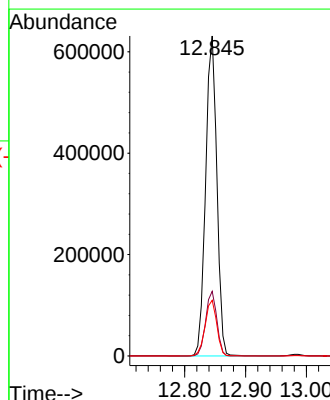
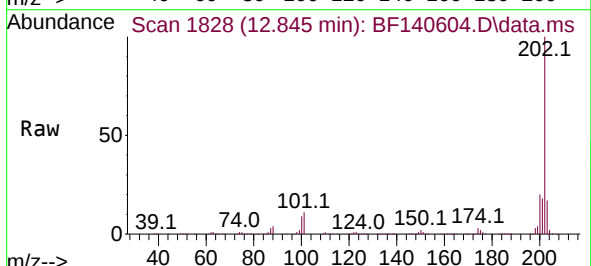
Tgt Ion:202 Resp: 806670

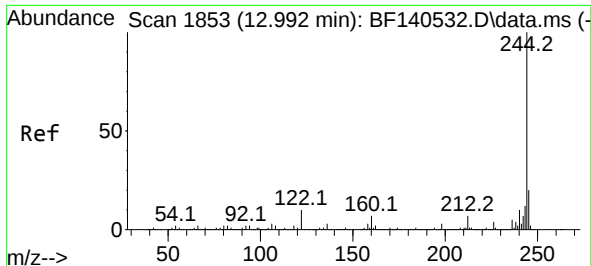
Ion Ratio Lower Upper

202 100

200 20.2 16.5 24.7

203 17.4 14.2 21.4





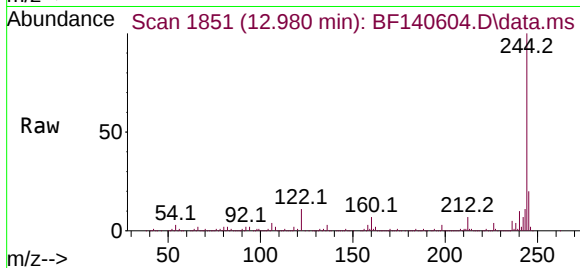
#79
 Terphenyl-d14
 Concen: 78.343 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140604.D
 Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



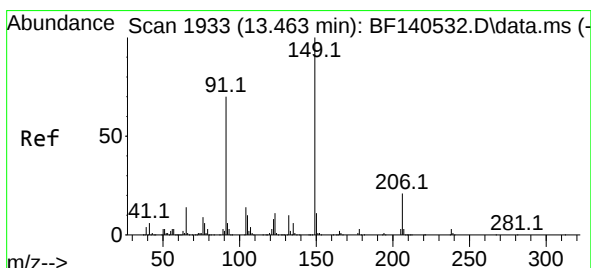
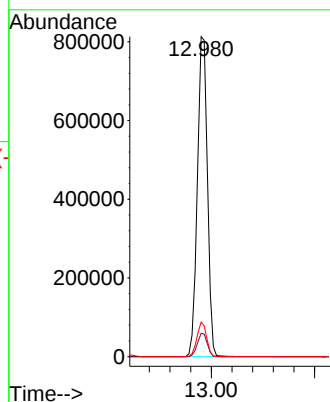
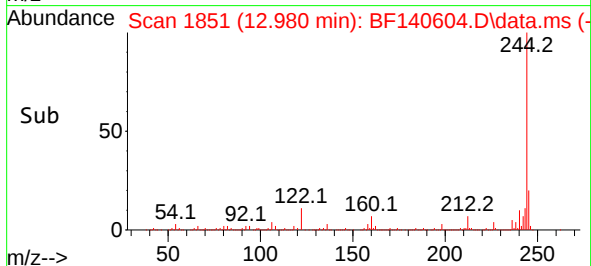
Tgt Ion:244 Resp: 109644
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.8 8.0 12.0

Manual Integrations

APPROVED

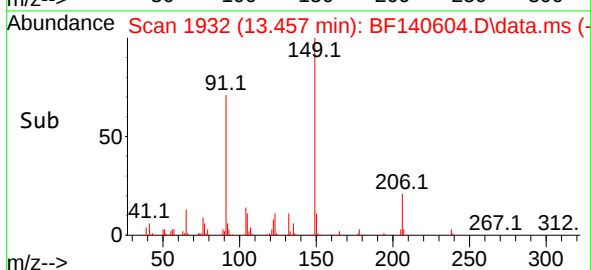
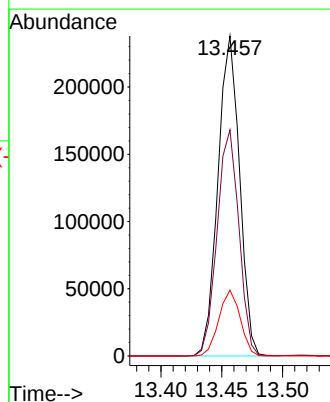
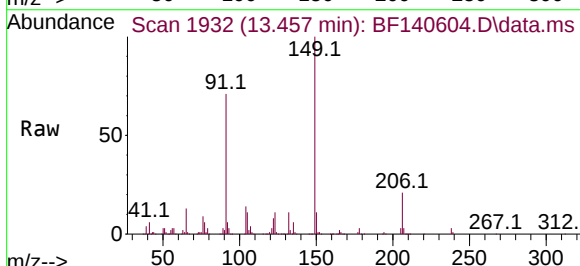
Reviewed By :Yogesh Patel 11/27/2024

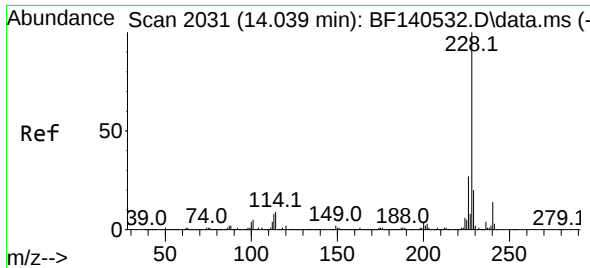
Supervised By :mohammad ahmed 11/27/2024



#80
 Butylbenzylphthalate
 Concen: 40.617 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140604.D
 Acq: 25 Nov 2024 15:49

Tgt Ion:149 Resp: 294831
 Ion Ratio Lower Upper
 149 100
 91 70.7 56.2 84.2
 206 20.5 16.4 24.6





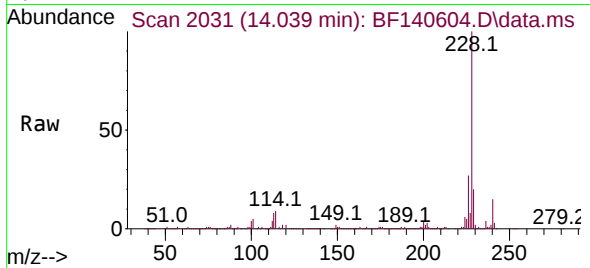
#81
Benzo(a)anthracene
Concen: 38.832 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



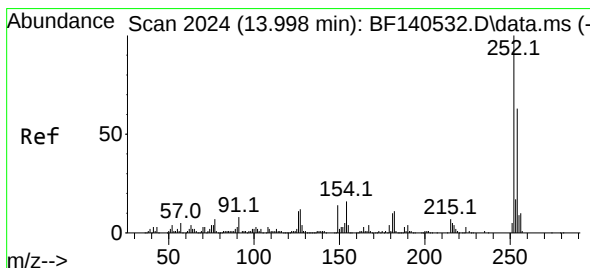
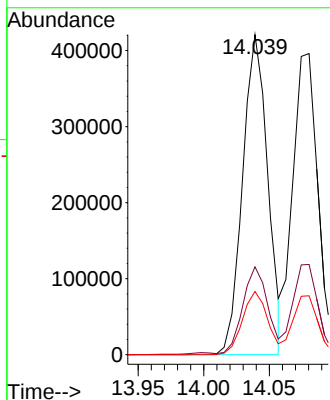
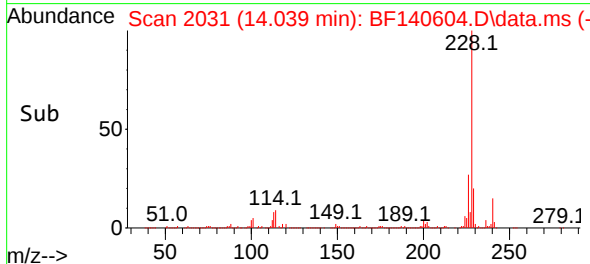
Tgt Ion:228 Resp: 56018
Ion Ratio Lower Upper
228 100
226 27.4 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

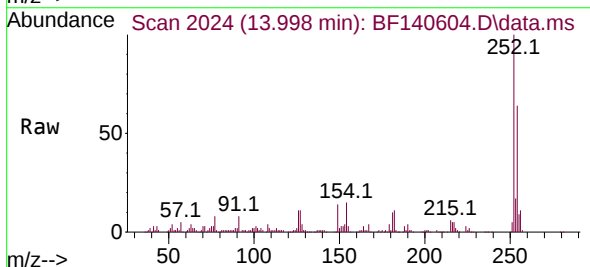
APPROVED

Reviewed By :Yogesh Patel 11/27/2024

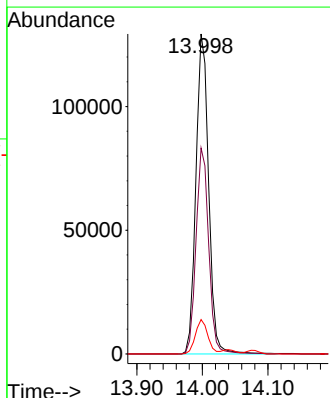
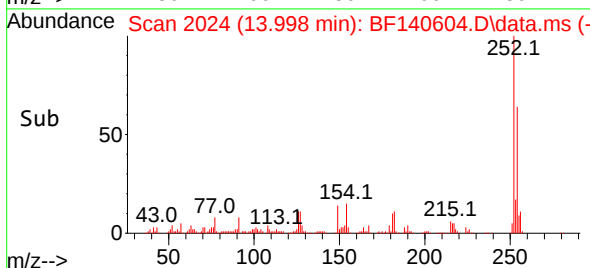
Supervised By :mohammad ahmed 11/27/2024



#82
3,3'-Dichlorobenzidine
Concen: 40.346 ng
RT: 13.998 min Scan# 2024
Delta R.T. 0.000 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49



Tgt Ion:252 Resp: 174748
Ion Ratio Lower Upper
252 100
254 64.4 50.8 76.2
126 10.7 8.6 13.0





#83

Chrysene

Concen: 39.966 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.000 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

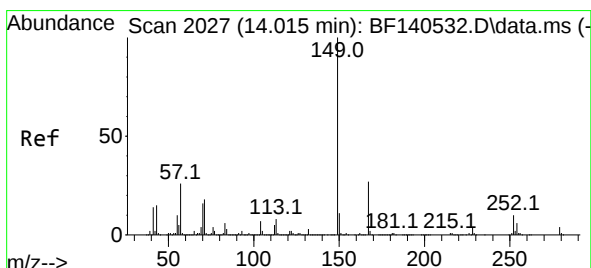
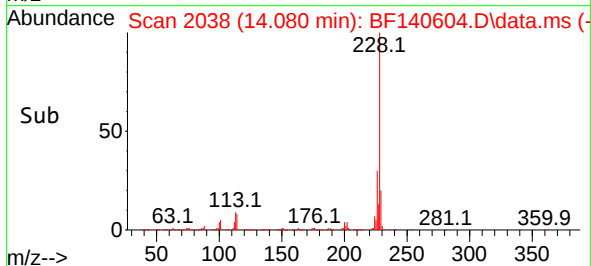
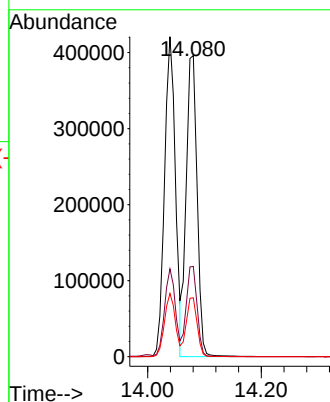
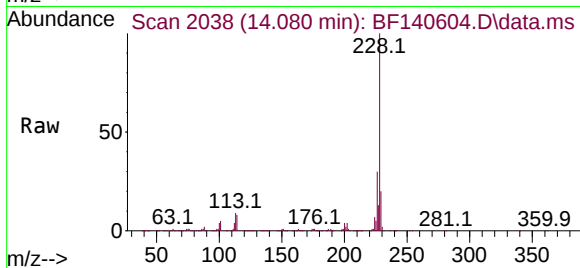
Tgt Ion:	228	Resp:	527192
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.4	36.6
229	19.6	15.8	23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.221 ng

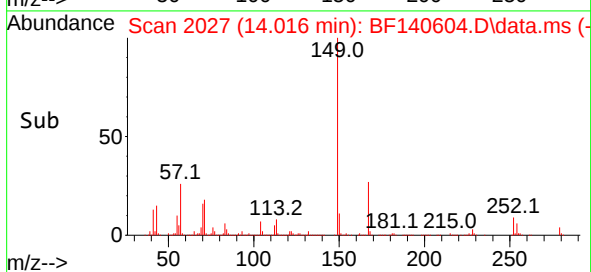
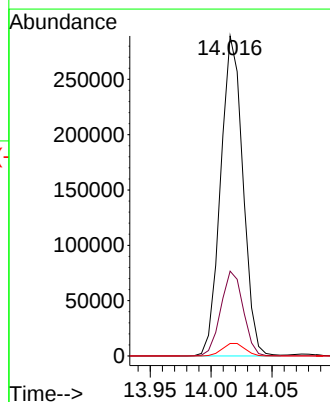
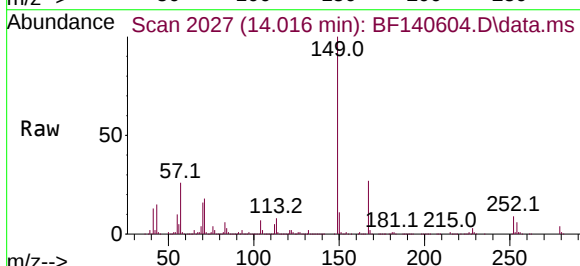
RT: 14.016 min Scan# 2027

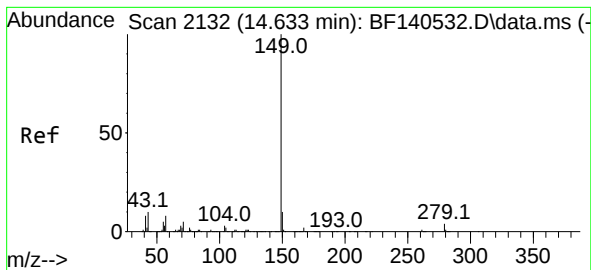
Delta R.T. 0.000 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Tgt Ion:	149	Resp:	368655
Ion Ratio	Lower	Upper	
149	100		
167	26.5	21.2	31.8
279	3.9	3.2	4.8





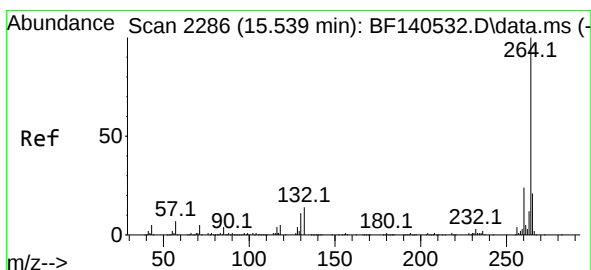
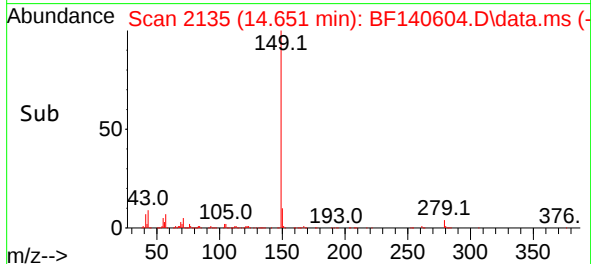
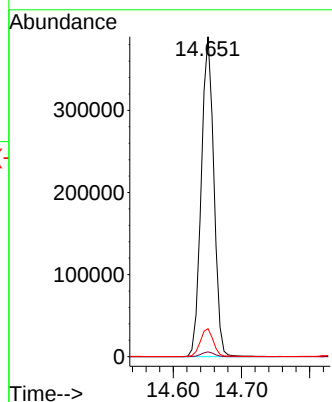
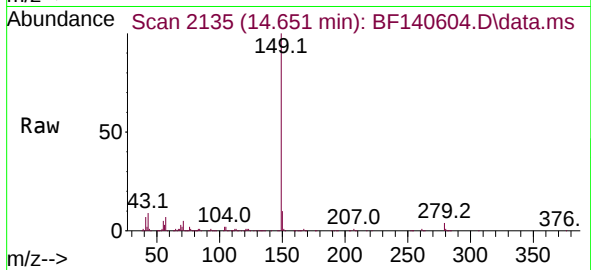
#85
Di-n-octyl phthalate
Concen: 40.002 ng
RT: 14.651 min Scan# 2135
Delta R.T. 0.018 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:149 Resp: 501073
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.0 7.7 11.5

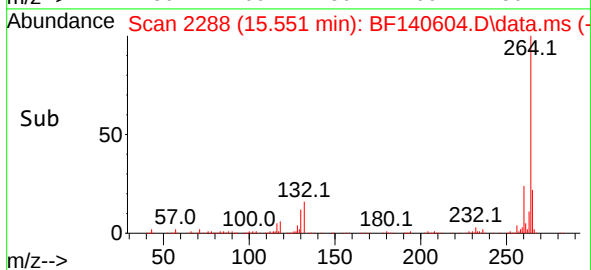
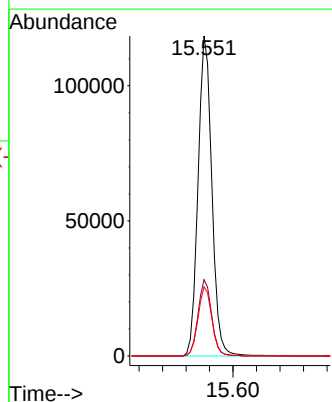
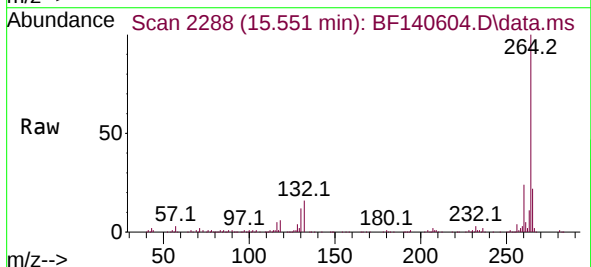
Manual Integrations
APPROVED

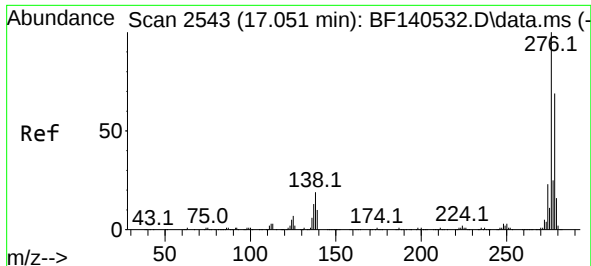
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2288
Delta R.T. 0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:264 Resp: 192376
Ion Ratio Lower Upper
264 100
260 23.9 19.0 28.6
265 21.6 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 38.092 ng
RT: 17.062 min Scan# 2114
Delta R.T. 0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

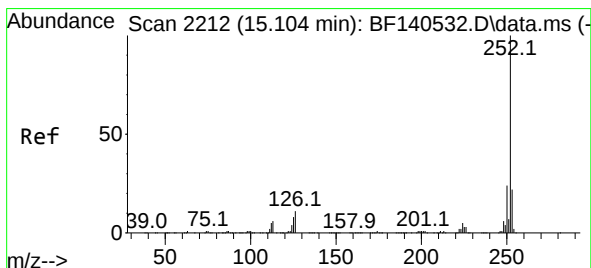
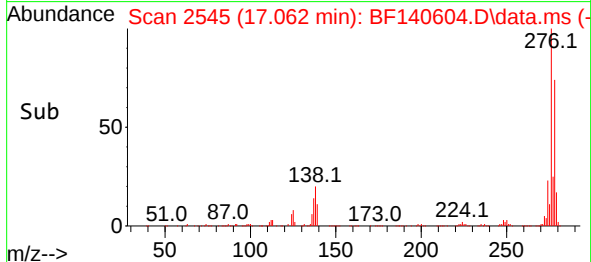
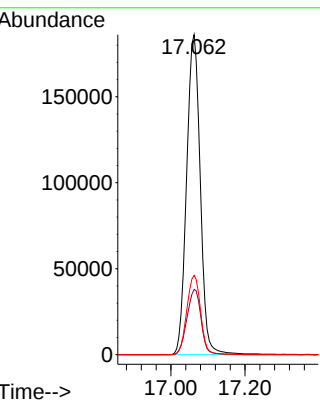
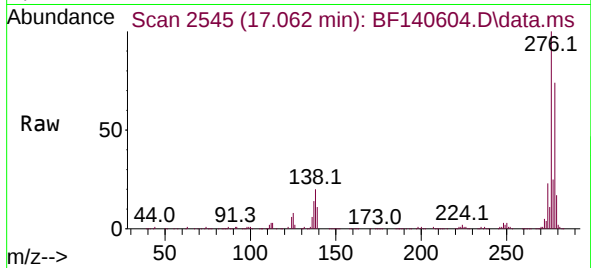
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 47756
Ion Ratio Lower Upper
276 100
138 21.0 15.5 23.3
277 25.0 20.1 30.1

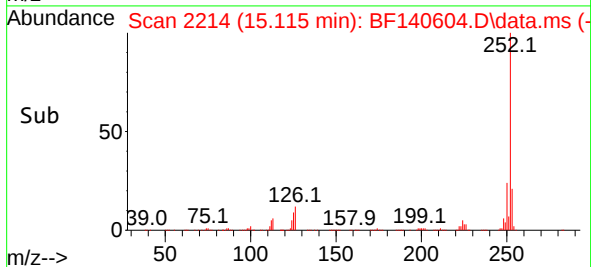
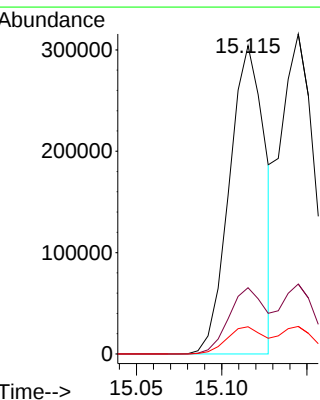
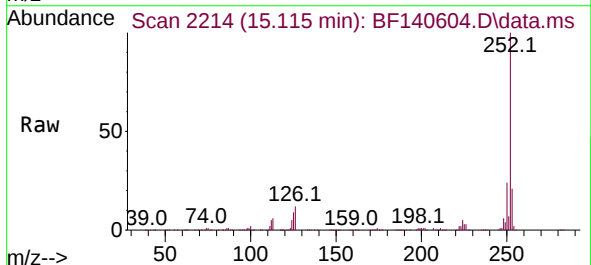
Manual Integrations
APPROVED

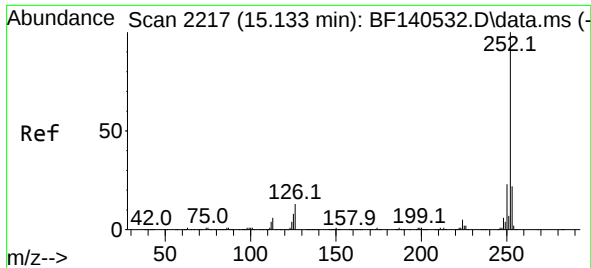
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#88
Benzo(b)fluoranthene
Concen: 36.487 ng
RT: 15.115 min Scan# 2214
Delta R.T. 0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:252 Resp: 440892
Ion Ratio Lower Upper
252 100
253 21.5 17.2 25.8
125 8.8 6.7 10.1





#89
Benzo(k)fluoranthene
Concen: 41.760 ng
RT: 15.145 min Scan# 2219
Delta R.T. 0.012 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

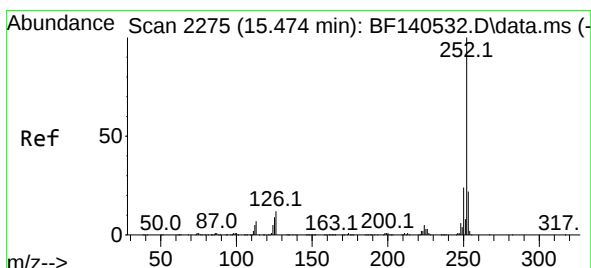
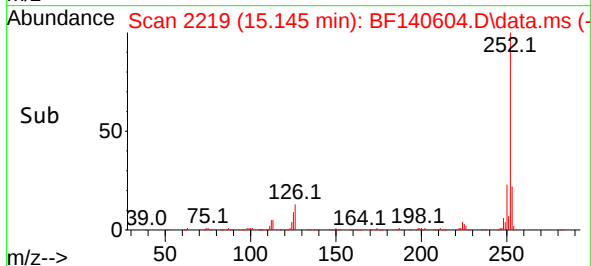
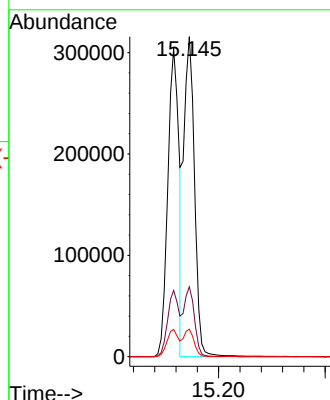
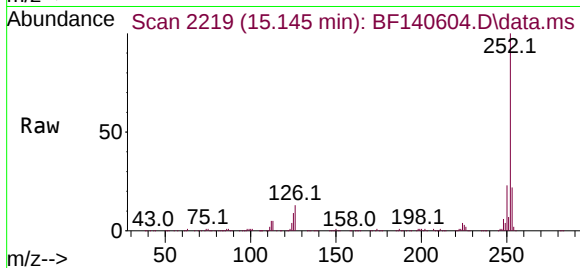
SSTDCCC040

Tgt Ion:252 Resp: 441570
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.6 6.5 9.7

Manual Integrations

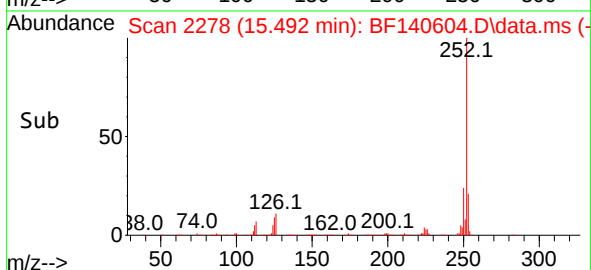
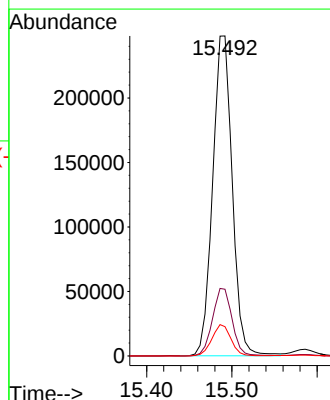
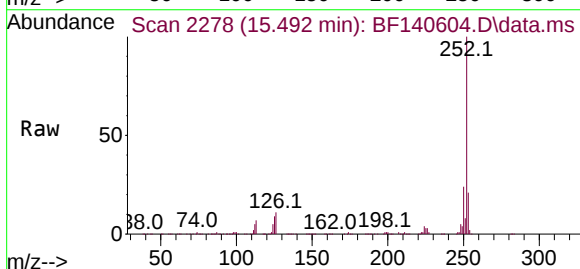
APPROVED

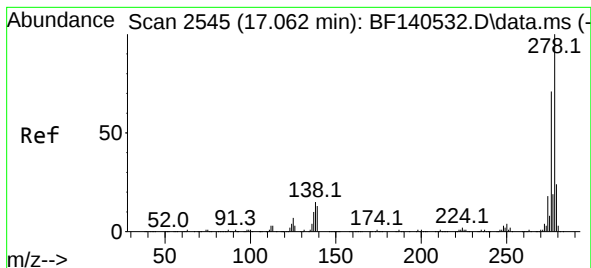
Reviewed By :Yogesh Patel 11/27/2024
Supervised By :mohammad ahmed 11/27/2024



#90
Benzo(a)pyrene
Concen: 40.250 ng
RT: 15.492 min Scan# 2278
Delta R.T. 0.018 min
Lab File: BF140604.D
Acq: 25 Nov 2024 15:49

Tgt Ion:252 Resp: 395447
Ion Ratio Lower Upper
252 100
253 20.9 17.3 25.9
125 9.2 7.0 10.6





#91

Dibenzo(a,h)anthracene

Concen: 38.118 ng

RT: 17.074 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:278 Resp: 39136

Ion Ratio Lower Upper

278 100

139 13.4 10.2 15.4

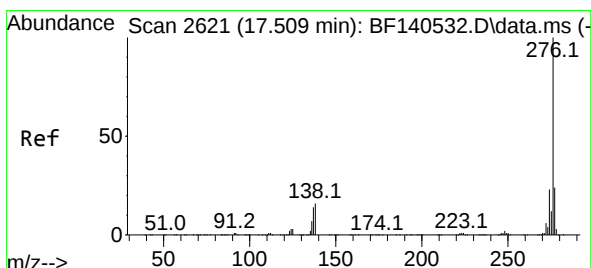
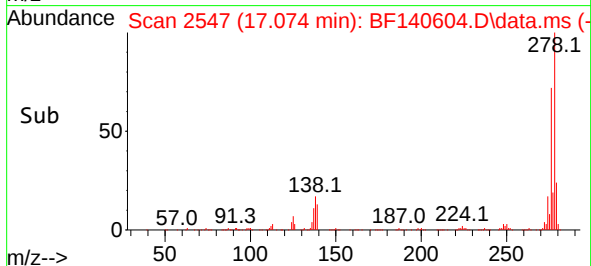
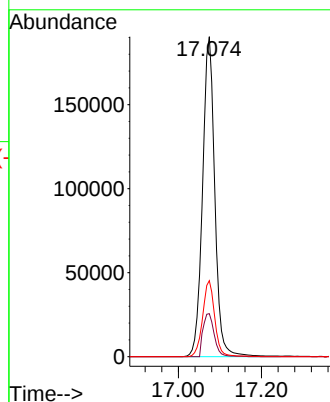
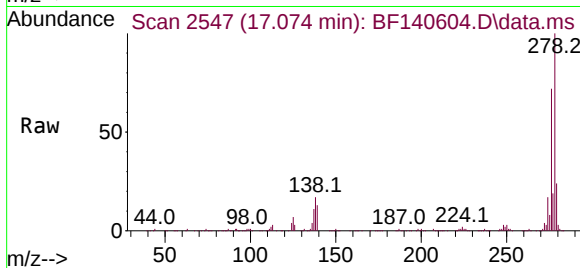
279 23.8 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/27/2024

Supervised By :mohammad ahmed 11/27/2024



#92

Benzo(g,h,i)perylene

Concen: 37.523 ng

RT: 17.515 min Scan# 2622

Delta R.T. 0.006 min

Lab File: BF140604.D

Acq: 25 Nov 2024 15:49

Tgt Ion:276 Resp: 393138

Ion Ratio Lower Upper

276 100

277 23.6 18.9 28.3

138 18.6 13.2 19.8

