

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121124\
 Data File : BF140820.D
 Acq On : 11 Dec 2024 11:12
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 12:40:12 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	6.863	152	102381	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	379038	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	216972	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	433324	20.000	ng	0.00
76) Chrysene-d12	14.057	240	282099	20.000	ng	0.00
86) Perylene-d12	15.574	264	227355	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	503207	83.861	ng	0.00
7) Phenol-d6	6.516	99	651520	82.130	ng	0.00
23) Nitrobenzene-d5	7.434	82	613729	82.821	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	208806	89.982	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1200734	82.454	ng	-0.01
79) Terphenyl-d14	12.980	244	1436970	79.318	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	102376	40.579	ng	99
3) Pyridine	3.434	79	247316	44.554	ng	99
4) n-Nitrosodimethylamine	3.357	42	122834	37.651	ng	95
6) Aniline	6.534	93	256680	45.971	ng	# 73
8) 2-Chlorophenol	6.657	128	267665	41.462	ng	98
9) Benzaldehyde	6.422	77	164516	39.175	ng	100
10) Phenol	6.528	94	339846	41.949	ng	91
11) bis(2-Chloroethyl)ether	6.598	93	256560	41.385	ng	100
12) 1,3-Dichlorobenzene	6.804	146	307347	42.370	ng	98
13) 1,4-Dichlorobenzene	6.881	146	306090	41.674	ng	100
14) 1,2-Dichlorobenzene	7.034	146	288802	41.963	ng	100
15) Benzyl Alcohol	7.016	79	237416	40.357	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.134	45	293624	40.091	ng	# 55
17) 2-Methylphenol	7.134	107	211996	41.024	ng	94
18) Hexachloroethane	7.369	117	113502	41.376	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	193738	41.324	ng	98
20) 3+4-Methylphenols	7.287	107	280009	42.156	ng	# 85
22) Acetophenone	7.281	105	385289	41.694	ng	97
24) Nitrobenzene	7.451	77	311518	40.675	ng	98
25) Isophorone	7.692	82	521294	42.177	ng	99
26) 2-Nitrophenol	7.763	139	148488	43.750	ng	100
27) 2,4-Dimethylphenol	7.804	122	180940m	44.557	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	320350	42.545	ng	100
29) 2,4-Dichlorophenol	8.016	162	232155	43.144	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	258503	42.075	ng	99
31) Naphthalene	8.169	128	825267	42.270	ng	99
32) Benzoic acid	7.975	122	224243	61.140	ng	99
33) 4-Chloroaniline	8.222	127	264384	45.228	ng	99
34) Hexachlorobutadiene	8.275	225	174501	42.881	ng	99
35) Caprolactam	8.622	113	76500m	45.939	ng	
36) 4-Chloro-3-methylphenol	8.722	107	259991	43.154	ng	97
37) 2-Methylnaphthalene	8.857	142	532300	42.925	ng	100
38) 1-Methylnaphthalene	8.957	142	521074	42.869	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	265031	41.725	ng	99
41) Hexachlorocyclopentadiene	9.004	237	41504	33.712	ng	98
43) 2,4,6-Trichlorophenol	9.145	196	167841	42.111	ng	100

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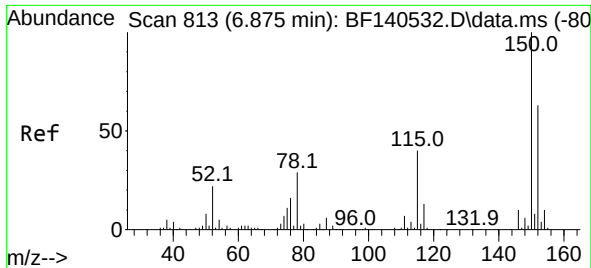
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024

Quant Time: Dec 11 12:40:12 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)
44) 2,4,5-Trichlorophenol	9.198	196	180892	41.818	ng	98
46) 1,1'-Biphenyl	9.322	154	677858	41.845	ng	100
47) 2-Chloronaphthalene	9.351	162	512103	41.721	ng	99
48) 2-Nitroaniline	9.457	65	166844	42.347	ng	97
49) Acenaphthylene	9.763	152	768491	41.437	ng	99
50) Dimethylphthalate	9.628	163	609751	42.671	ng	100
51) 2,6-Dinitrotoluene	9.698	165	139000	42.890	ng	94
52) Acenaphthene	9.939	154	488788	41.479	ng	99
53) 3-Nitroaniline	9.875	138	139155	43.902	ng	94
54) 2,4-Dinitrophenol	9.986	184	92205	57.386	ng	94
55) Dibenzofuran	10.110	168	742594	41.314	ng	99
56) 4-Nitrophenol	10.057	139	120006	55.514	ng	96
57) 2,4-Dinitrotoluene	10.104	165	191128	44.375	ng	93
58) Fluorene	10.451	166	613472	42.521	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	158512	47.681	ng	93
60) Diethylphthalate	10.322	149	630458	43.424	ng	99
61) 4-Chlorophenyl-phenyle...	10.439	204	305884	43.202	ng	98
62) 4-Nitroaniline	10.492	138	151001m	45.422	ng	
63) Azobenzene	10.604	77	572843	41.664	ng	99
65) 4,6-Dinitro-2-methylph...	10.522	198	112984	51.025	ng	94
66) n-Nitrosodiphenylamine	10.563	169	526049	41.051	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	185802	41.636	ng	97
68) Hexachlorobenzene	11.004	284	212823	41.187	ng	99
69) Atrazine	11.092	200	120059	33.304	ng	99
70) Pentachlorophenol	11.210	266	97190	42.736	ng	99
71) Phenanthrene	11.422	178	861808	41.374	ng	99
72) Anthracene	11.475	178	852815	41.856	ng	100
73) Carbazole	11.633	167	855532	43.647	ng	100
74) Di-n-butylphthalate	11.951	149	971051	42.911	ng	100
75) Fluoranthene	12.616	202	1017546	44.993	ng	100
77) Benzidine	12.745	184	351094	42.807	ng	99
78) Pyrene	12.845	202	1038423	39.811	ng	99
80) Butylbenzylphthalate	13.457	149	388951	41.394	ng	99
81) Benzo(a)anthracene	14.045	228	804398	43.076	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	239195	42.663	ng	99
83) Chrysene	14.086	228	708746	41.508	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	453252	38.201	ng	100
85) Di-n-octyl phthalate	14.657	149	593981	36.632	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	628937	42.448	ng	99
88) Benzo(b)fluoranthene	15.133	252	668687	46.825	ng	99
89) Benzo(k)fluoranthene	15.163	252	492836	39.437	ng	100
90) Benzo(a)pyrene	15.510	252	491554	42.335	ng	99
91) Dibenzo(a,h)anthracene	17.109	278	521292	42.961	ng	100
92) Benzo(g,h,i)perylene	17.562	276	540667	43.665	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

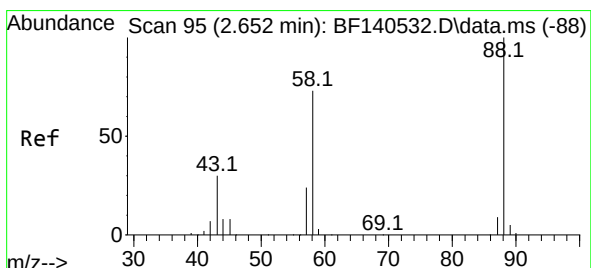
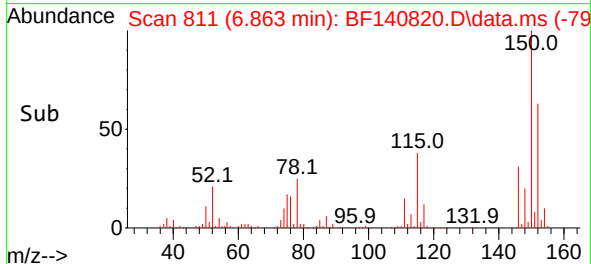
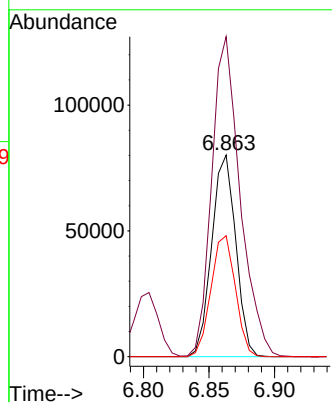
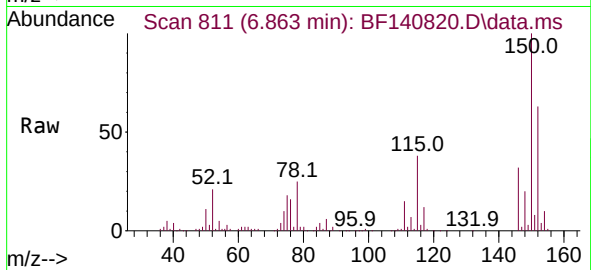
SSTDCCC040

Tgt Ion:152 Resp: 10238
Ion Ratio Lower Upper
152 100
150 158.8 128.5 192.7
115 60.0 50.2 75.4

Manual Integrations

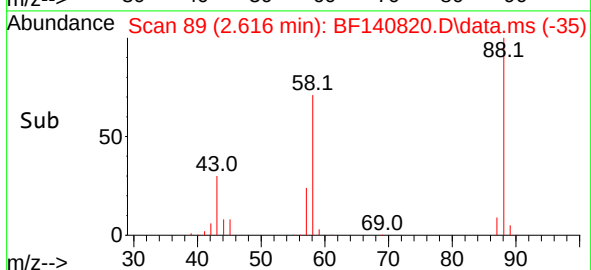
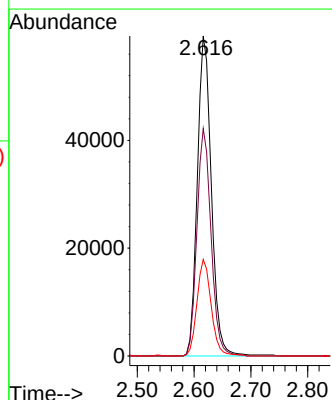
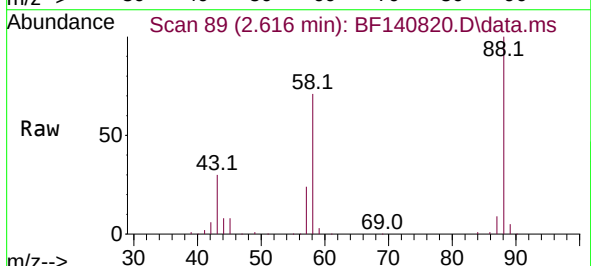
APPROVED

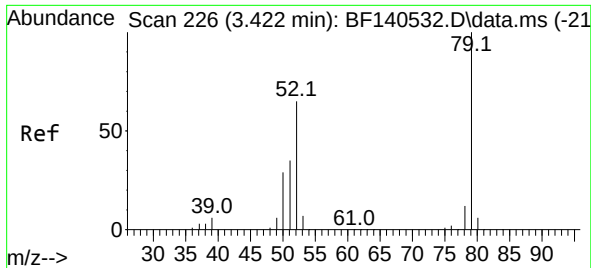
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#2
1,4-Dioxane
Concen: 40.579 ng
RT: 2.616 min Scan# 89
Delta R.T. -0.035 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 88 Resp: 102376
Ion Ratio Lower Upper
88 100
58 71.3 57.4 86.2
43 30.6 24.3 36.5





#3

Pyridine

Concen: 44.554 ng

RT: 3.434 min Scan# 215

Delta R.T. 0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 79 Resp: 247310

Ion Ratio Lower Upper

79 100

52 64.4 52.1 78.1

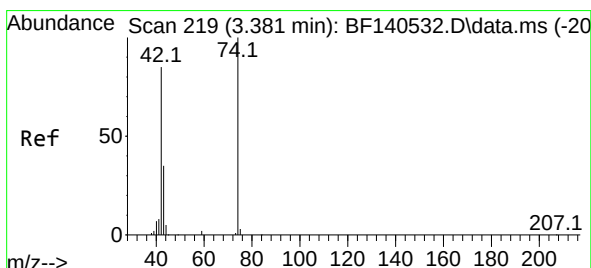
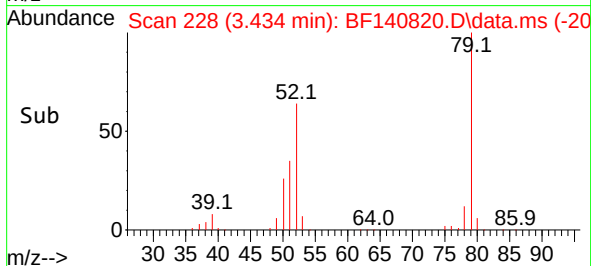
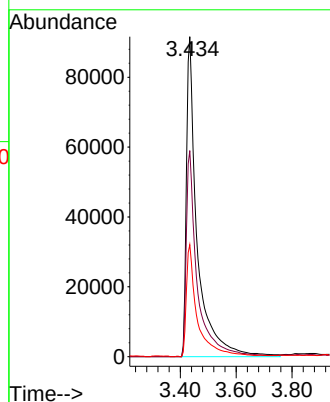
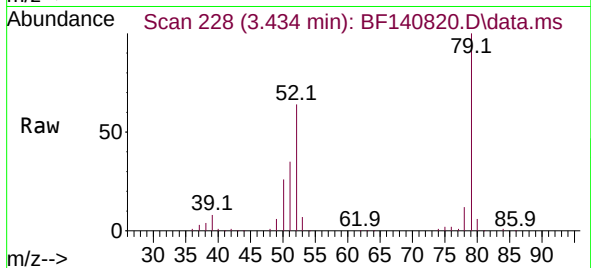
51 35.0 27.8 41.8

Manual Integrations

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Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#4

n-Nitrosodimethylamine

Concen: 37.651 ng

RT: 3.357 min Scan# 215

Delta R.T. -0.023 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

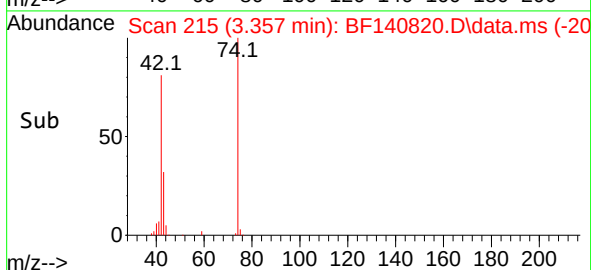
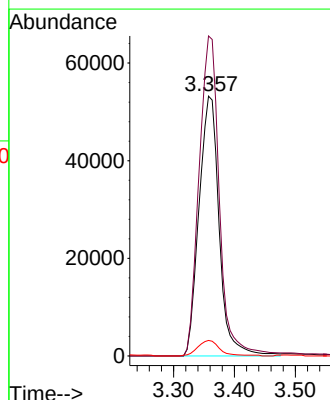
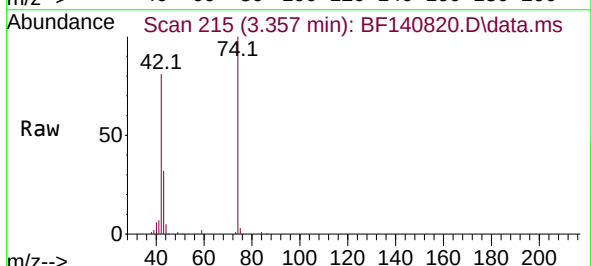
Tgt Ion: 42 Resp: 122834

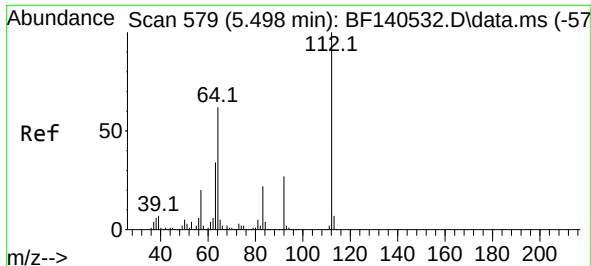
Ion Ratio Lower Upper

42 100

74 123.2 93.8 140.6

44 5.9 4.6 6.8





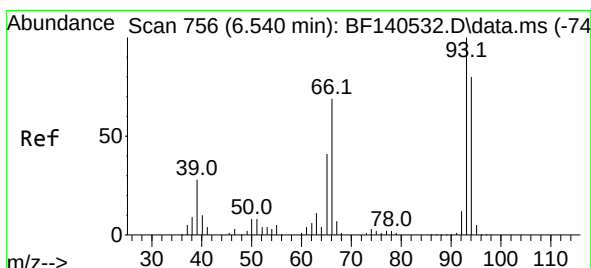
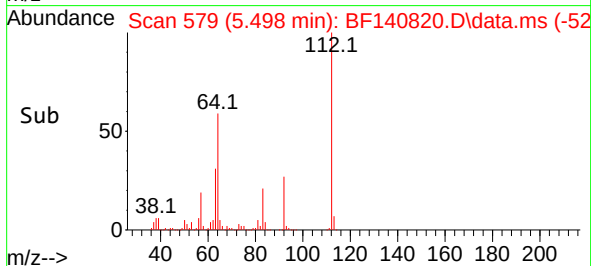
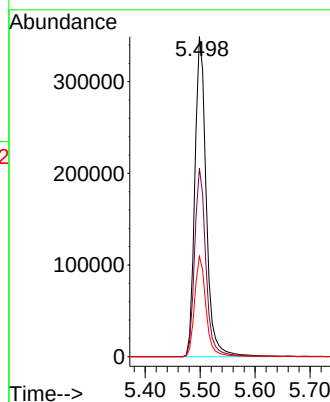
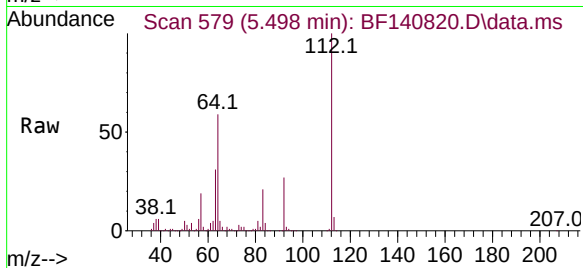
#5
2-Fluorophenol
Concen: 83.861 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:112 Resp: 50320
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.3 27.0 40.4

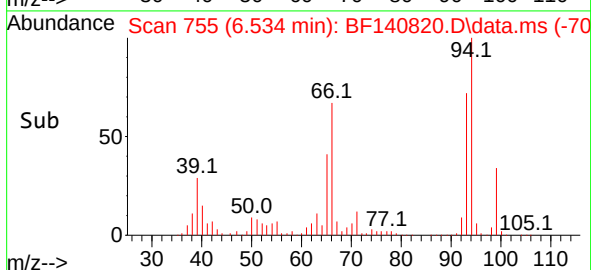
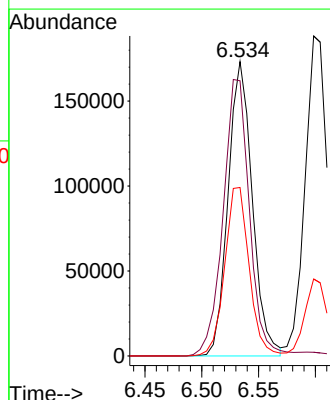
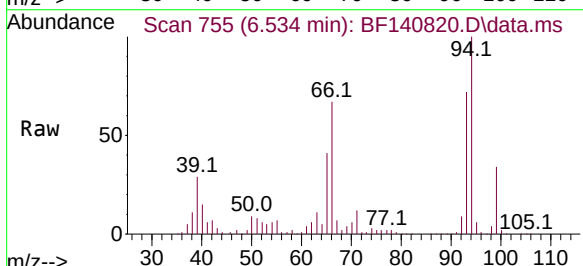
Manual Integrations
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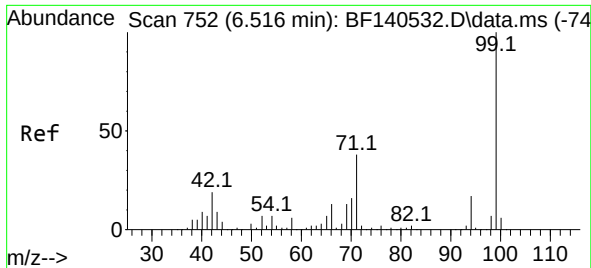
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#6
Aniline
Concen: 45.971 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

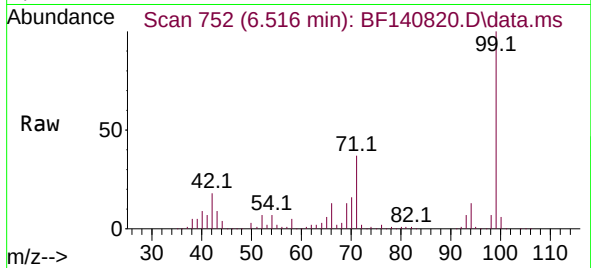
Tgt Ion: 93 Resp: 256680
Ion Ratio Lower Upper
93 100
66 93.5 56.5 84.7#
65 57.2 32.9 49.3#





#7
Phenol-d6
Concen: 82.130 ng
RT: 6.516 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

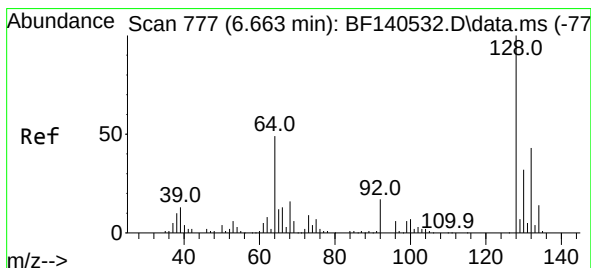
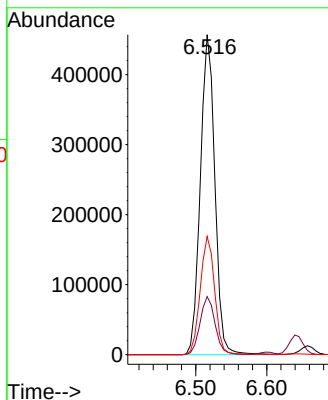
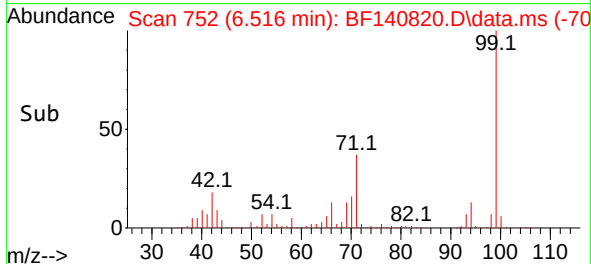
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 99 Resp: 651520
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 37.0 30.6 46.0

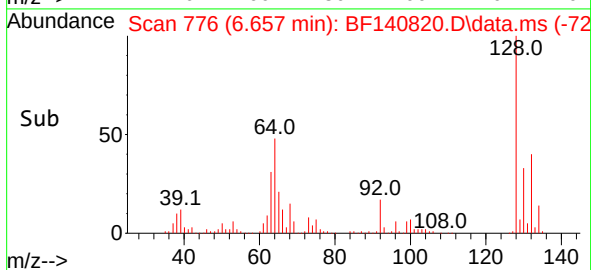
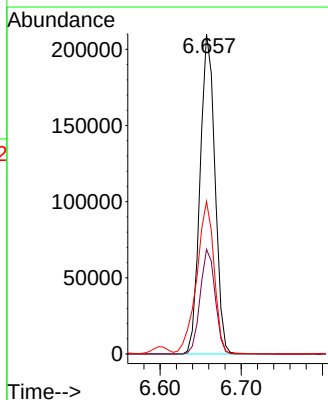
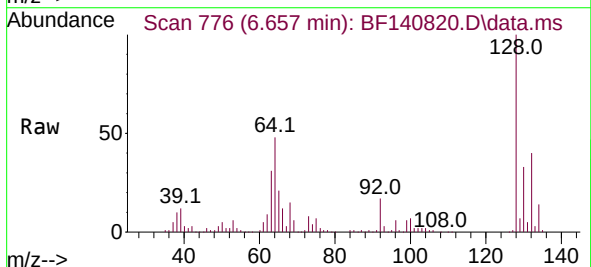
Manual Integrations
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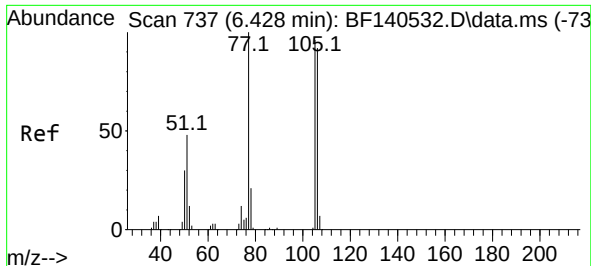
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#8
2-Chlorophenol
Concen: 41.462 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:128 Resp: 267665
Ion Ratio Lower Upper
128 100
130 32.7 12.3 52.3
64 47.7 30.2 70.2





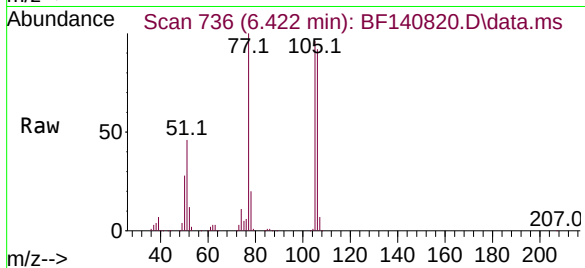
#9
Benzaldehyde
Concen: 39.175 ng
RT: 6.422 min Scan# 736
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



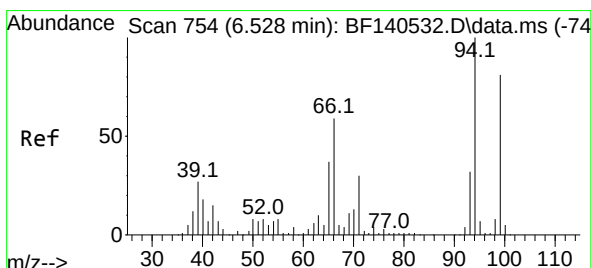
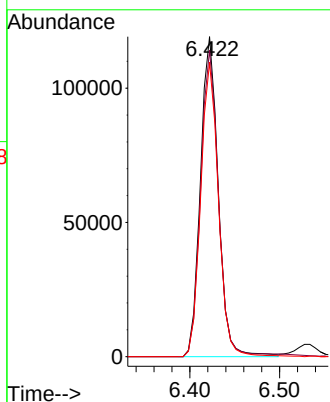
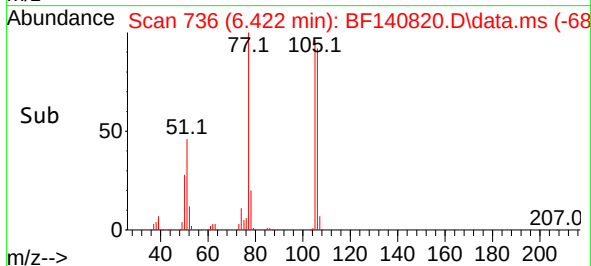
Tgt Ion: 77 Resp: 164510
Ion Ratio Lower Upper
77 100
105 95.9 75.6 115.6
106 92.0 72.0 112.0

Manual Integrations

APPROVED

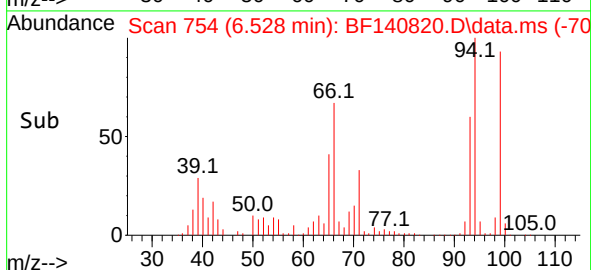
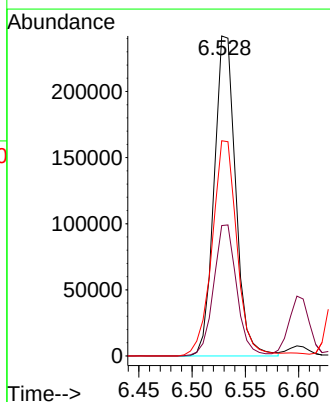
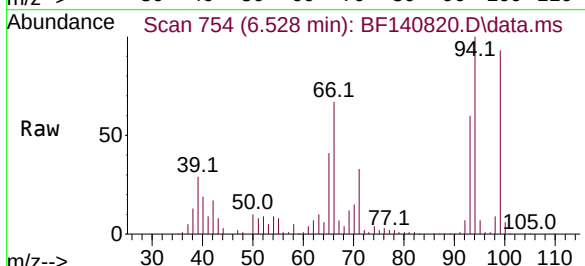
Reviewed By :Yogesh Patel 12/12/2024

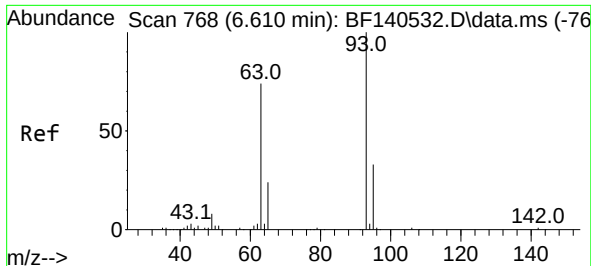
Supervised By :mohammad ahmed 12/12/2024



#10
Phenol
Concen: 41.949 ng
RT: 6.528 min Scan# 754
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 94 Resp: 339846
Ion Ratio Lower Upper
94 100
65 40.8 17.2 57.2
66 67.3 39.2 79.2





#11

bis(2-Chloroethyl)ether

Concen: 41.385 ng

RT: 6.598 min Scan# 768

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 93 Resp: 256560

Ion Ratio Lower Upper

93 100

63 73.0 52.8 92.8

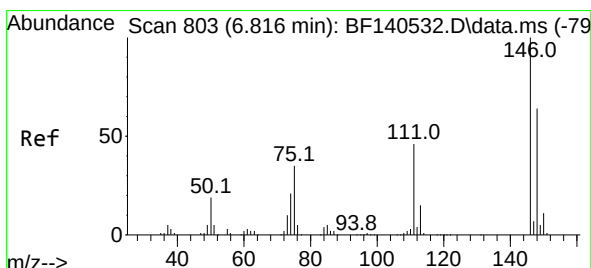
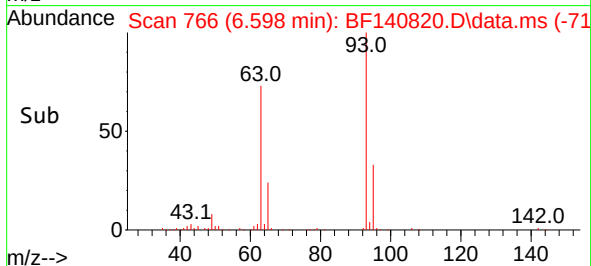
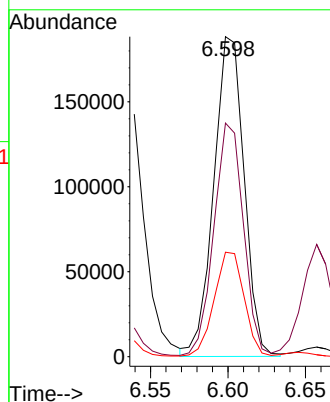
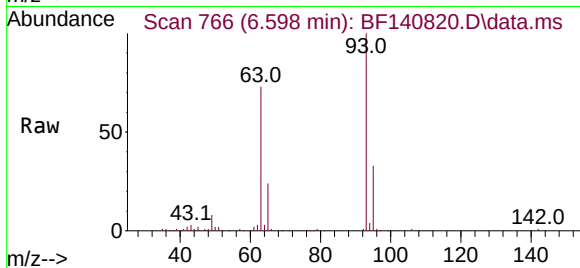
95 32.7 12.3 52.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#12

1,3-Dichlorobenzene

Concen: 42.370 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

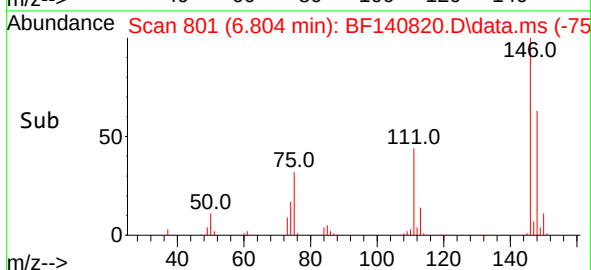
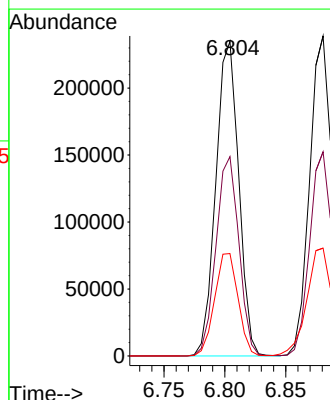
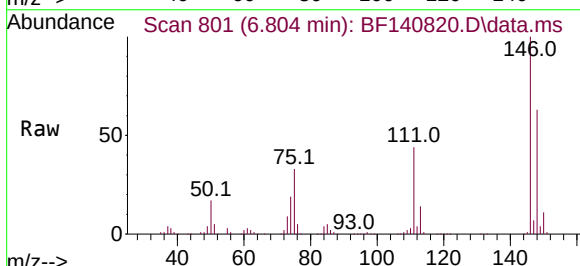
Tgt Ion:146 Resp: 307347

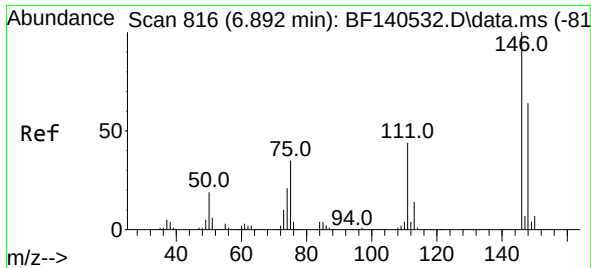
Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

75 32.5 28.2 42.2





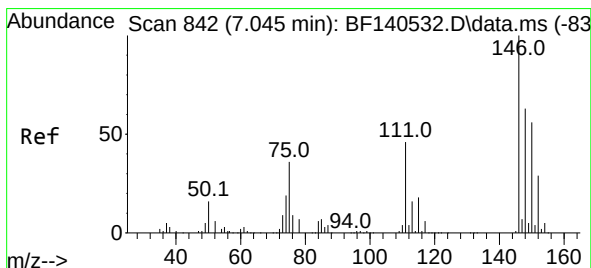
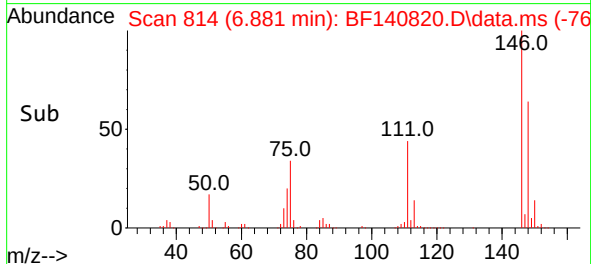
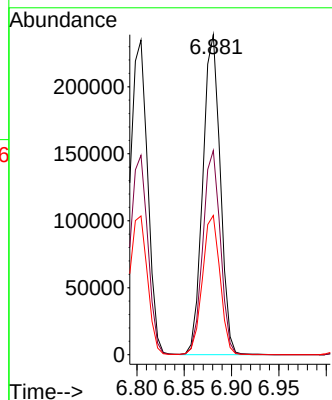
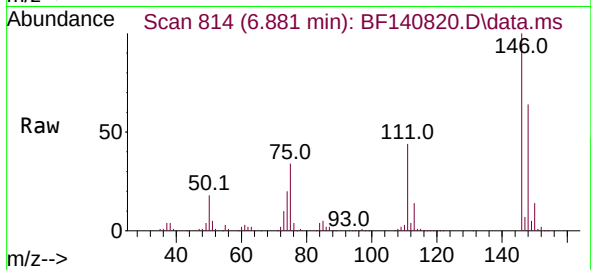
#13
1,4-Dichlorobenzene
Concen: 41.674 ng
RT: 6.881 min Scan# 816
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:146 Resp: 306090
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.6
111 43.5 35.3 52.9

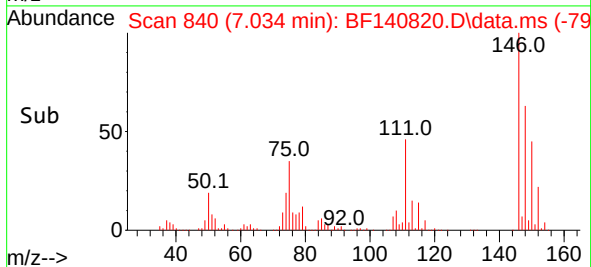
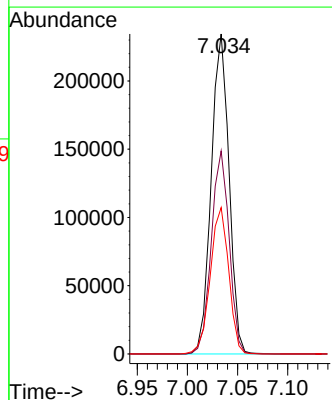
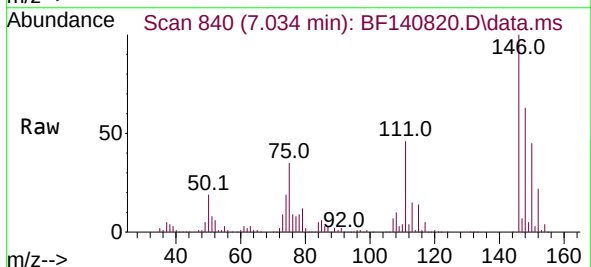
Manual Integrations
APPROVED

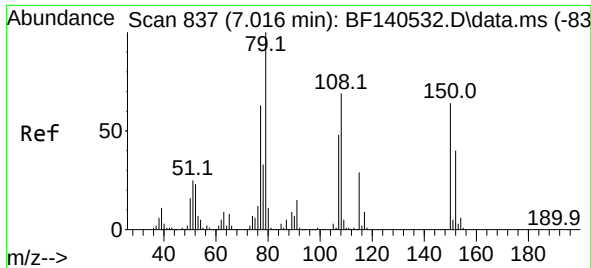
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#14
1,2-Dichlorobenzene
Concen: 41.963 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

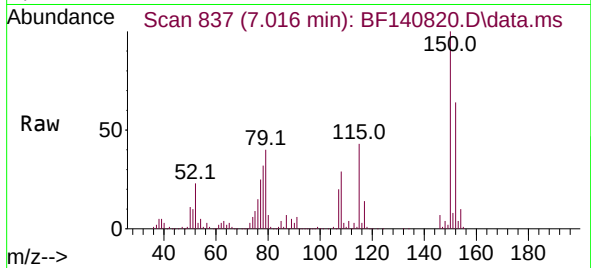
Tgt Ion:146 Resp: 288802
Ion Ratio Lower Upper
146 100
148 63.4 50.5 75.7
111 45.8 36.7 55.1





#15
Benzyl Alcohol
Concen: 40.357 ng
RT: 7.016 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

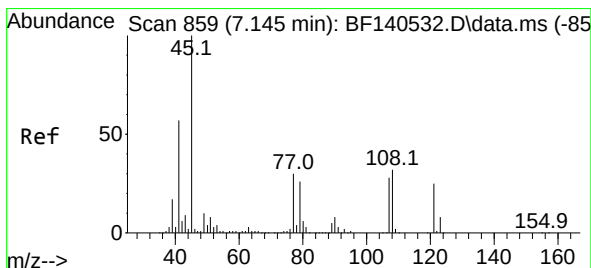
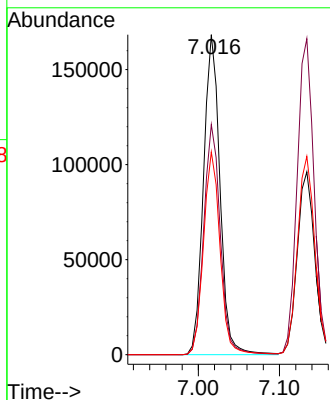
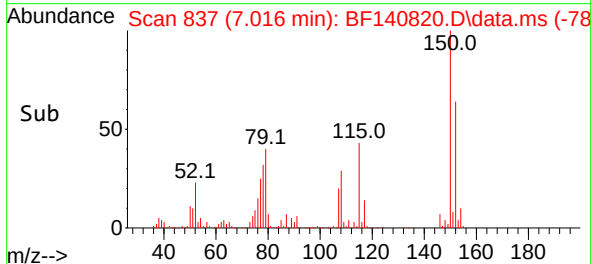
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



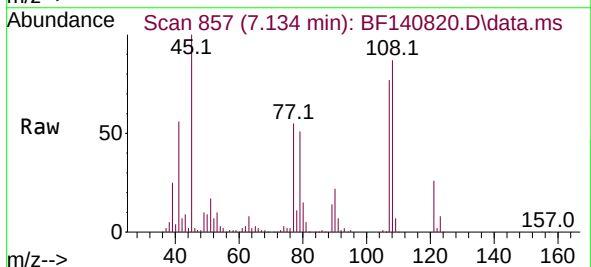
Tgt Ion: 79 Resp: 237410
Ion Ratio Lower Upper
79 100
108 71.9 55.0 82.6
77 63.3 50.1 75.1

Manual Integrations
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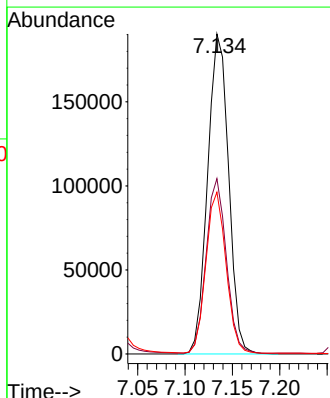
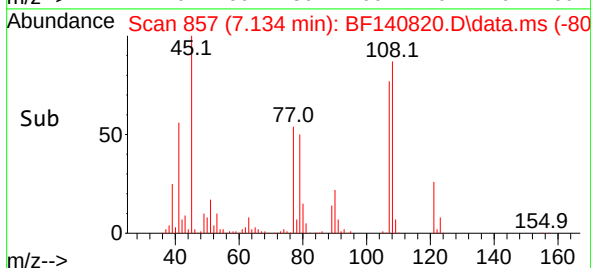
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

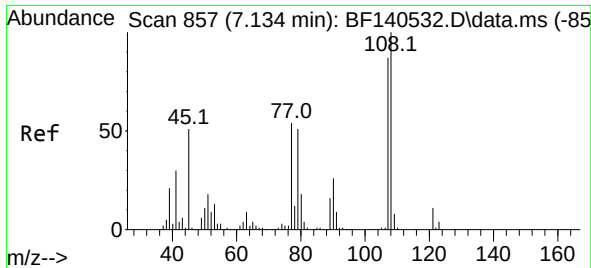


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.091 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



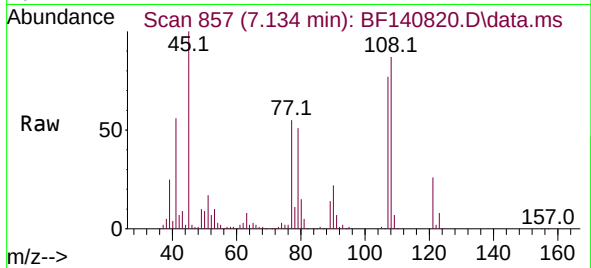
Tgt Ion: 45 Resp: 293624
Ion Ratio Lower Upper
45 100
77 54.8 10.7 50.7#
79 50.6 7.0 47.0#





#17
2-Methylphenol
Concen: 41.024 ng
RT: 7.134 min Scan# 857
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

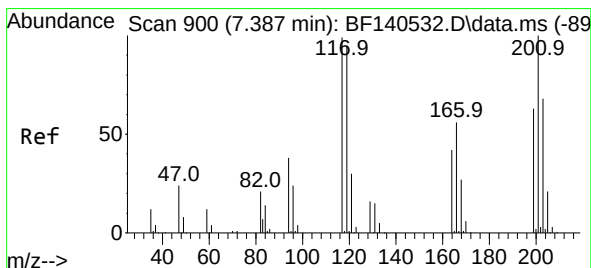
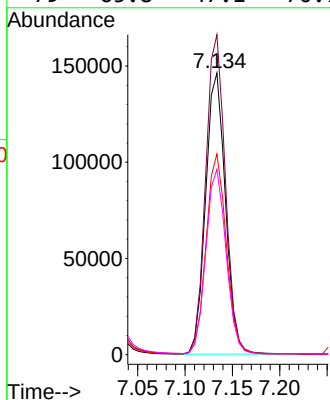
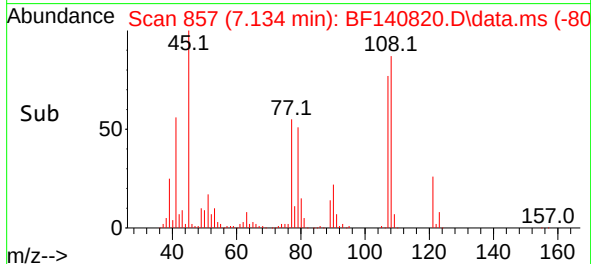
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



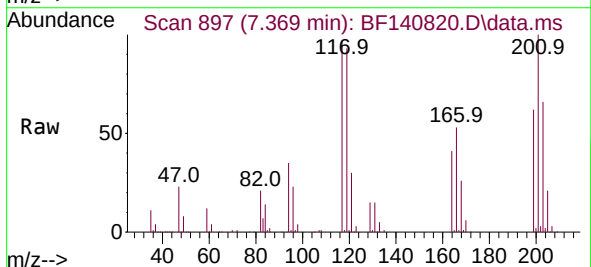
Tgt Ion:107 Resp: 211990
Ion Ratio Lower Upper
107 100
108 113.6 91.7 137.5
77 71.3 49.3 73.9
79 65.8 47.1 70.7

Manual Integrations
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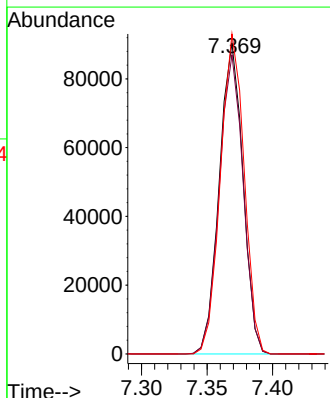
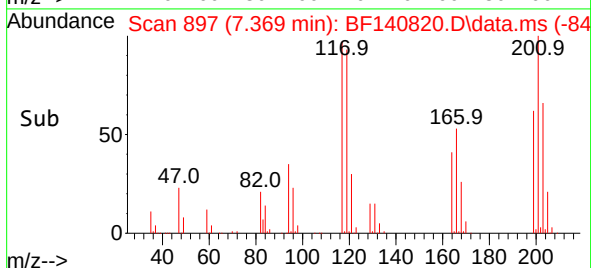
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

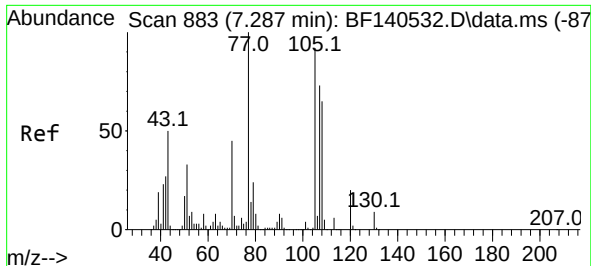


#18
Hexachloroethane
Concen: 41.376 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:117 Resp: 113502
Ion Ratio Lower Upper
117 100
119 96.2 77.1 115.7
201 102.9 81.1 121.7





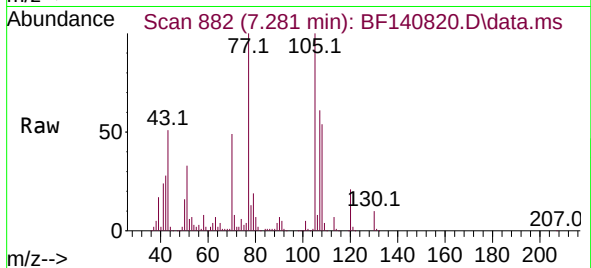
#19
n-Nitroso-di-n-propylamine
Concen: 41.324 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



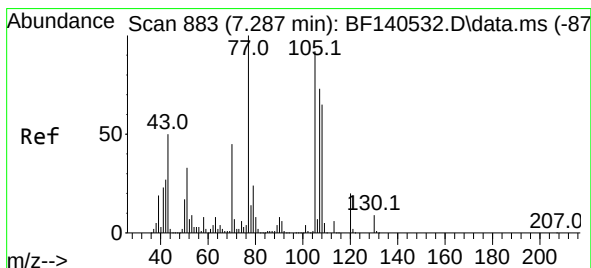
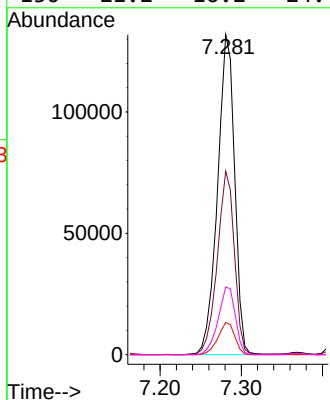
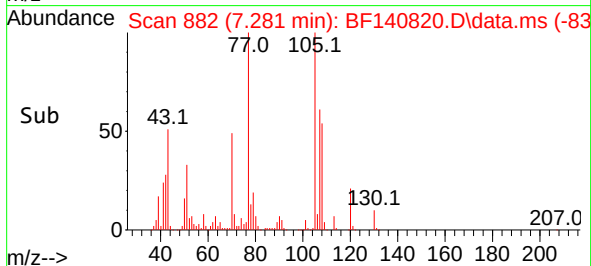
Tgt Ion: 70 Resp: 193738
Ion Ratio Lower Upper
70 100
42 57.4 47.6 71.4
101 10.1 7.6 11.4
130 21.2 16.2 24.4

Manual Integrations

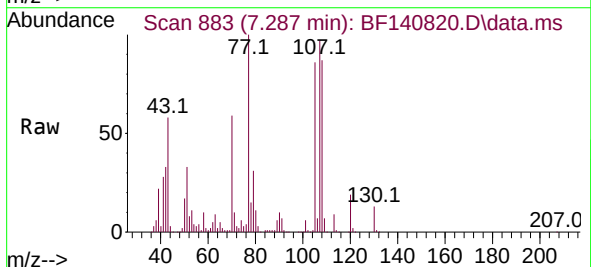
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

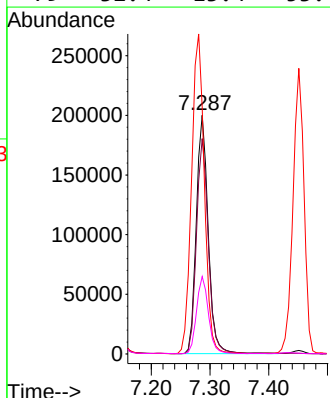
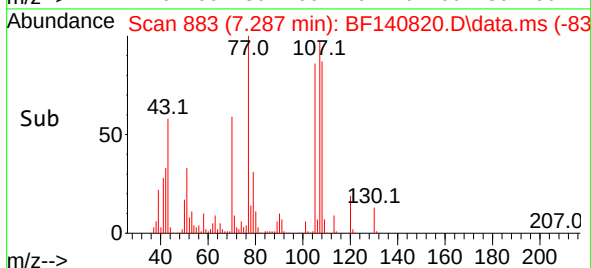
Supervised By :mohammad ahmed 12/12/2024

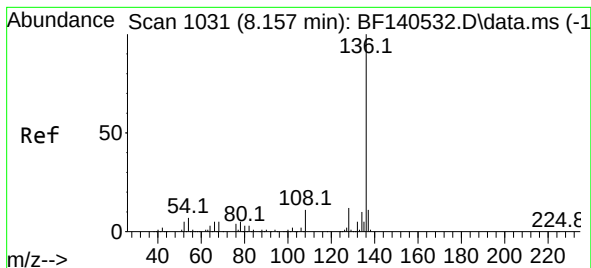


#20
3+4-Methylphenols
Concen: 42.156 ng
RT: 7.287 min Scan# 883
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:107 Resp: 280009
Ion Ratio Lower Upper
107 100
108 90.2 69.9 109.9
77 103.3 117.7 157.7#
79 32.4 13.4 53.4





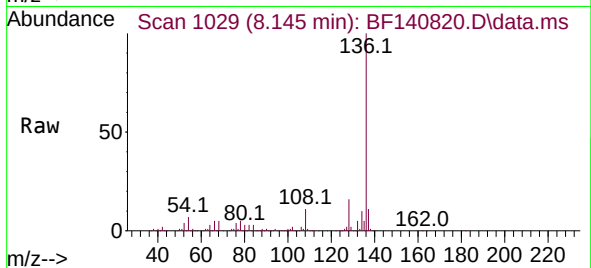
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

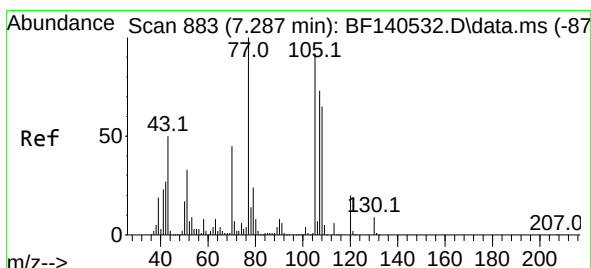
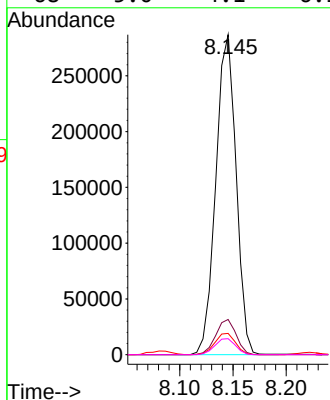
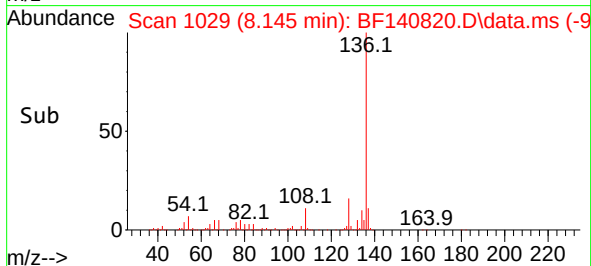


Tgt Ion:136 Resp: 379038
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.7 5.8 8.8
68 5.0 4.1 6.1

Manual Integrations

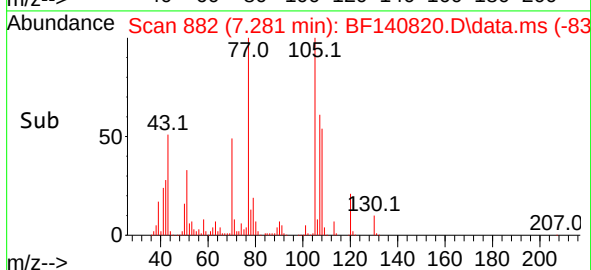
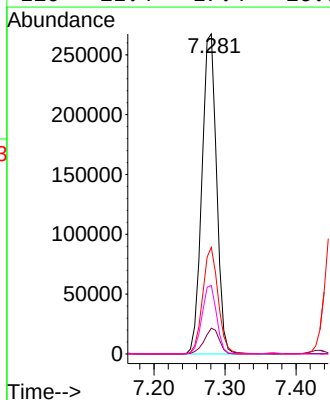
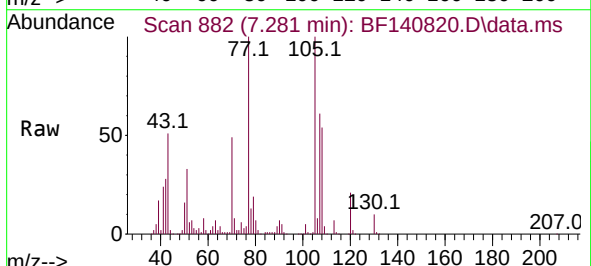
APPROVED

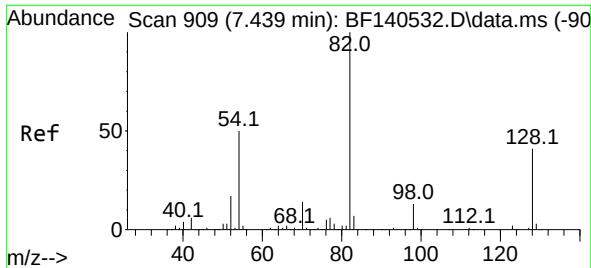
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#22
Acetophenone
Concen: 41.694 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:105 Resp: 385289
Ion Ratio Lower Upper
105 100
71 8.1 6.2 9.2
51 33.3 29.0 43.6
120 21.4 17.4 26.0





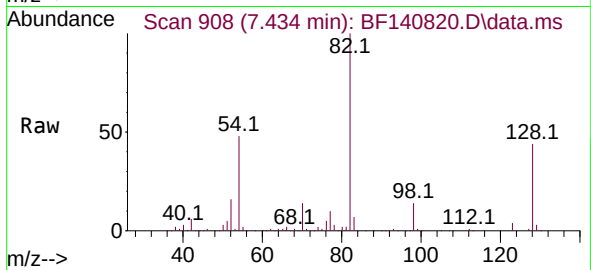
#23
Nitrobenzene-d5
Concen: 82.821 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

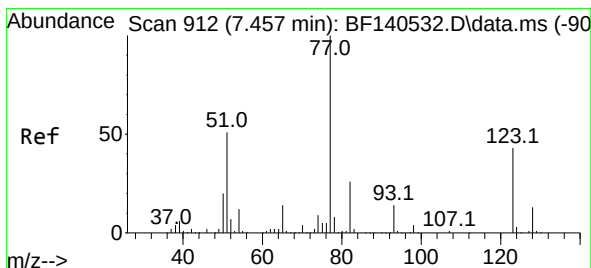
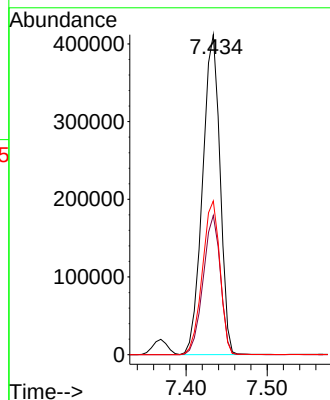
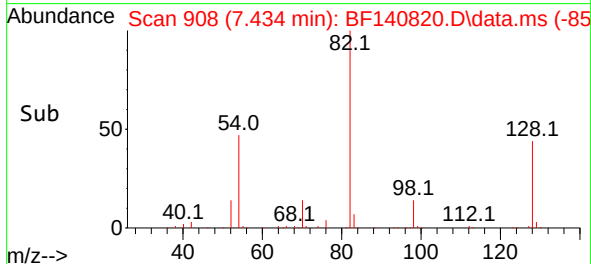


Tgt Ion: 82 Resp: 613729
Ion Ratio Lower Upper
82 100
128 43.5 33.0 49.4
54 48.1 39.5 59.3

Manual Integrations

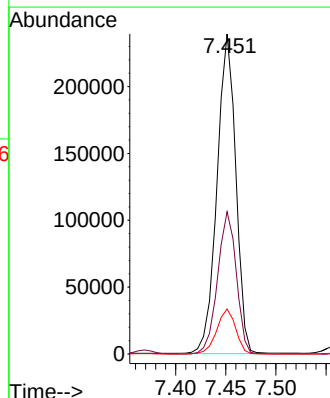
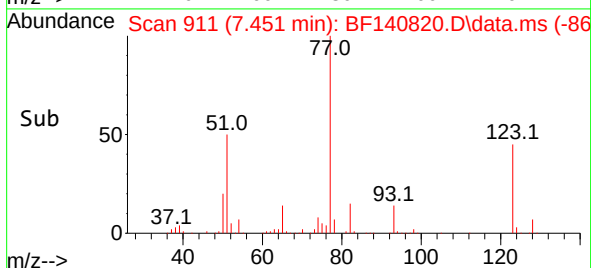
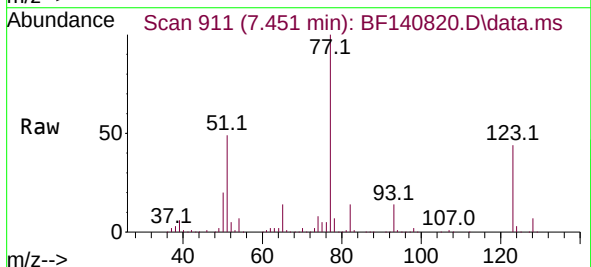
APPROVED

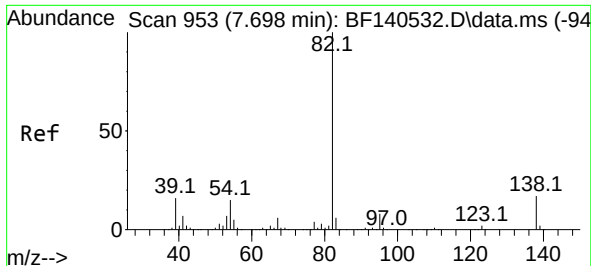
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#24
Nitrobenzene
Concen: 40.675 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

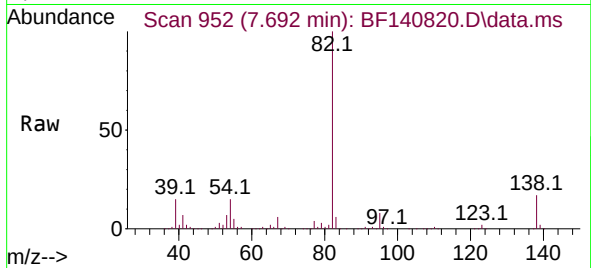
Tgt Ion: 77 Resp: 311518
Ion Ratio Lower Upper
77 100
123 44.4 34.3 51.5
65 14.0 11.2 16.8





#25
Isophorone
Concen: 42.177 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

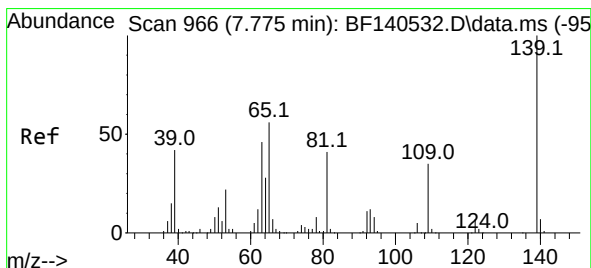
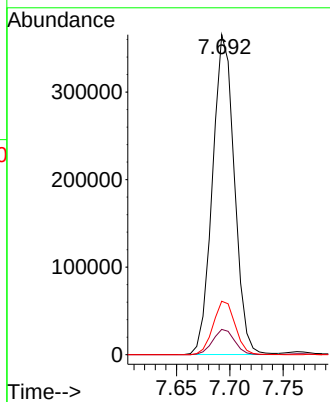
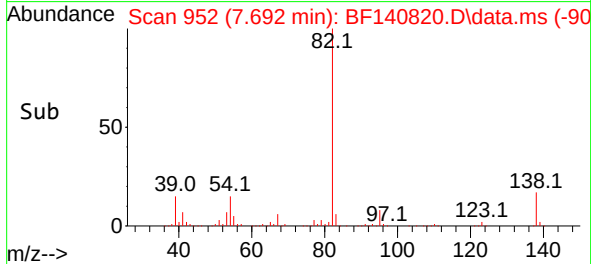
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 521294
Ion Ratio Lower Upper
82 100
95 7.9 6.4 9.6
138 16.7 13.8 20.6

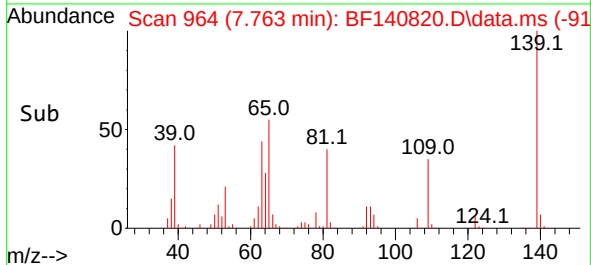
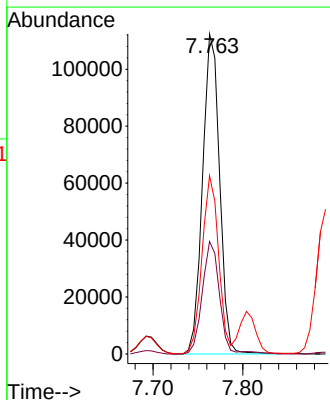
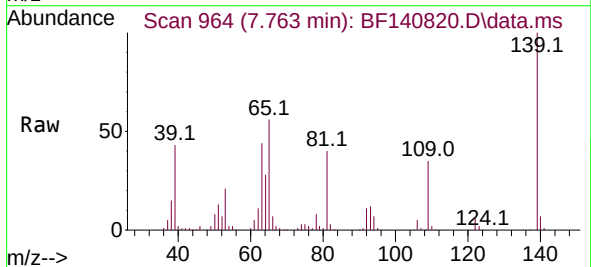
Manual Integrations
APPROVED

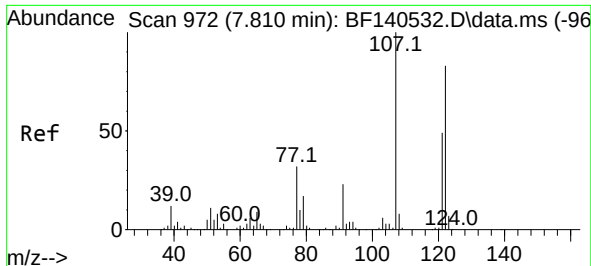
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#26
2-Nitrophenol
Concen: 43.750 ng
RT: 7.763 min Scan# 964
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:139 Resp: 148488
Ion Ratio Lower Upper
139 100
109 35.1 28.0 42.0
65 55.7 44.6 67.0





#27
2,4-Dimethylphenol
Concen: 44.557 ng m
RT: 7.804 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

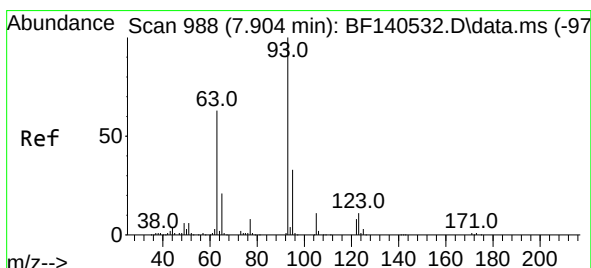
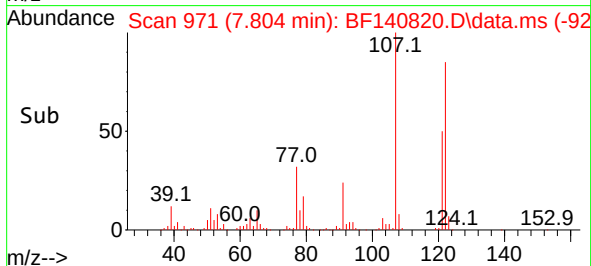
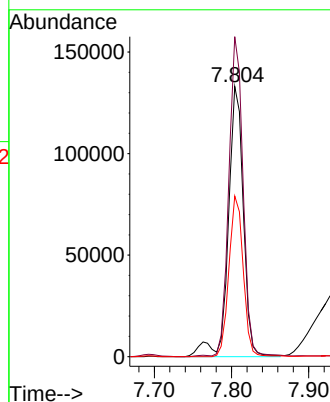
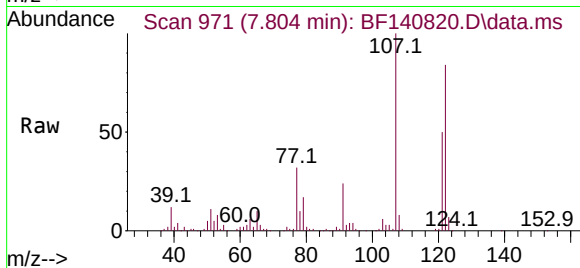
SSTDCCC040

Tgt Ion:122 Resp: 180940
Ion Ratio Lower Upper
122 100
107 118.4 96.8 145.2
121 59.5 47.4 71.0

Manual Integrations

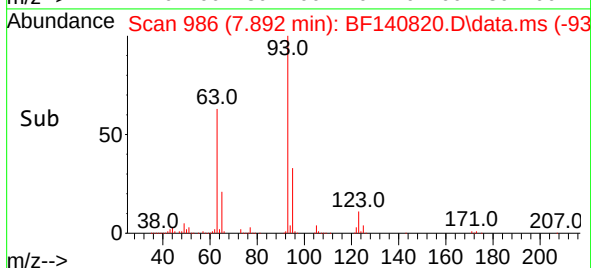
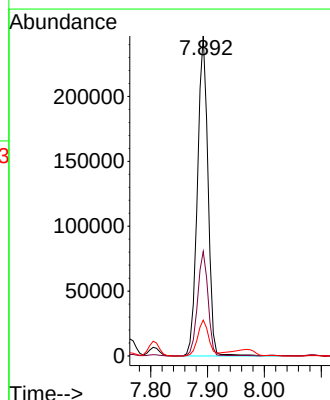
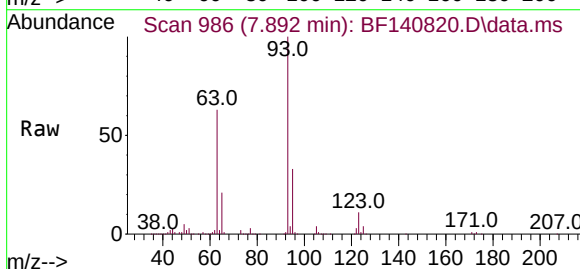
APPROVED

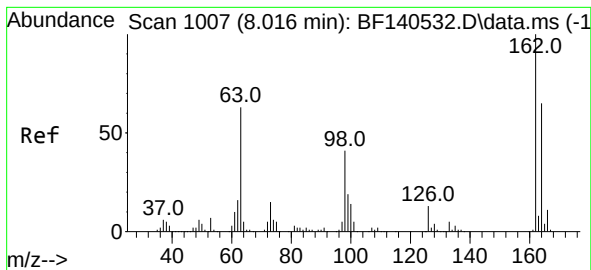
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#28
bis(2-Chloroethoxy)methane
Concen: 42.545 ng
RT: 7.892 min Scan# 986
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion: 93 Resp: 320350
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.2 9.1 13.7





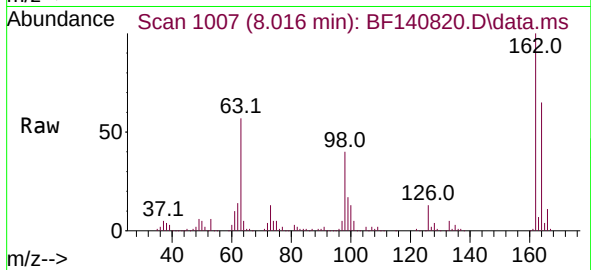
#29
2,4-Dichlorophenol
Concen: 43.144 ng
RT: 8.016 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



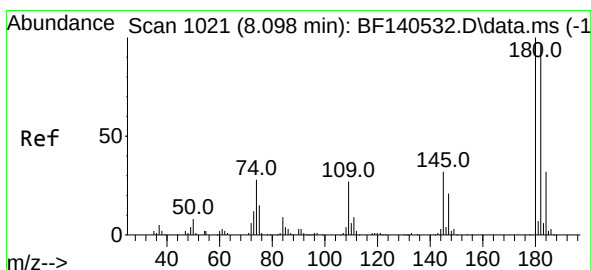
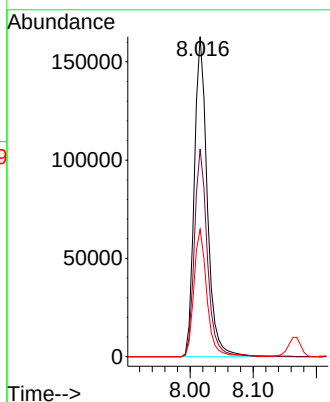
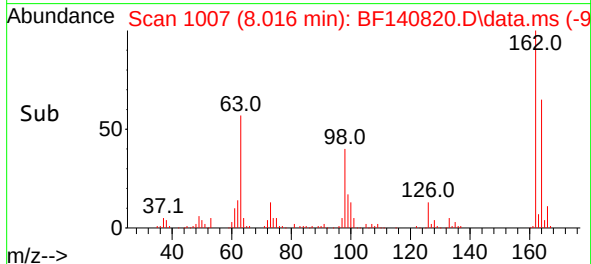
Tgt Ion:162 Resp: 232158
Ion Ratio Lower Upper
162 100
164 64.9 44.8 84.8
98 39.8 21.2 61.2

Manual Integrations

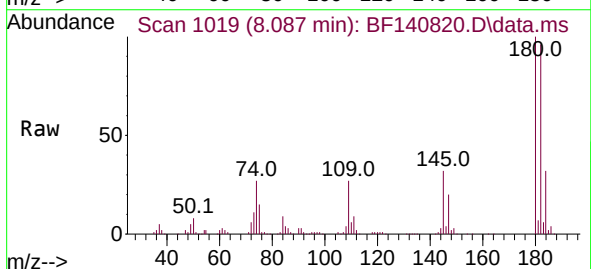
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

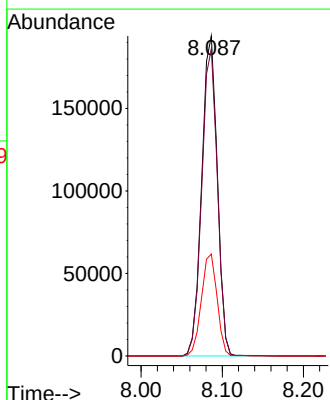
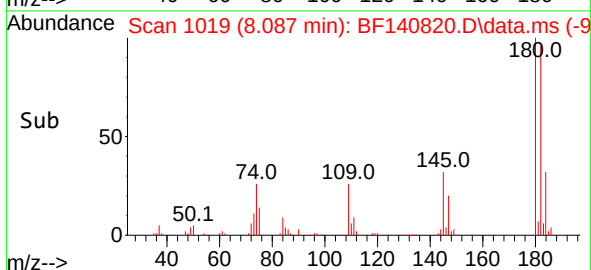
Supervised By :mohammad ahmed 12/12/2024

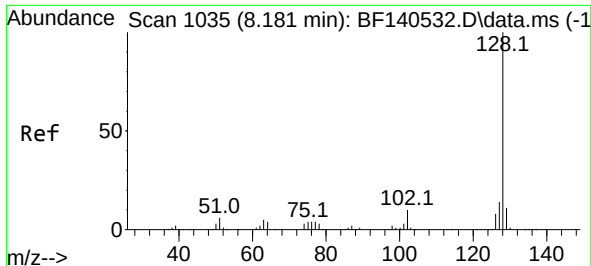


#30
1,2,4-Trichlorobenzene
Concen: 42.075 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:180 Resp: 258503
Ion Ratio Lower Upper
180 100
182 96.0 76.4 114.6
145 31.9 25.9 38.9





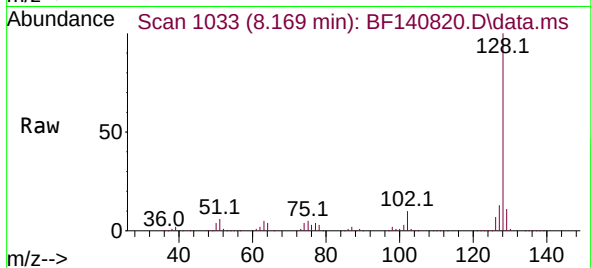
#31
Naphthalene
Concen: 42.270 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



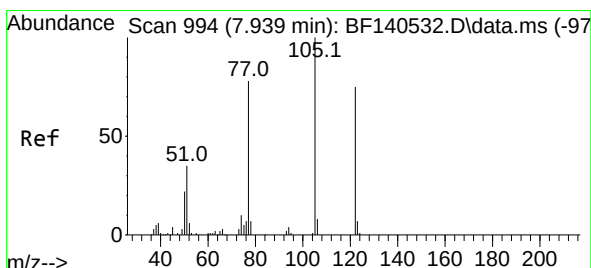
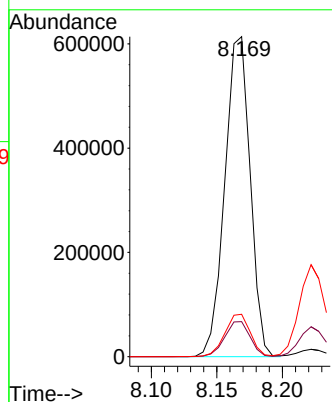
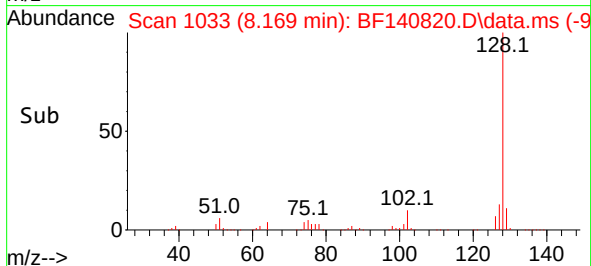
Tgt Ion:128 Resp: 82526
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.3 10.8 16.2

Manual Integrations

APPROVED

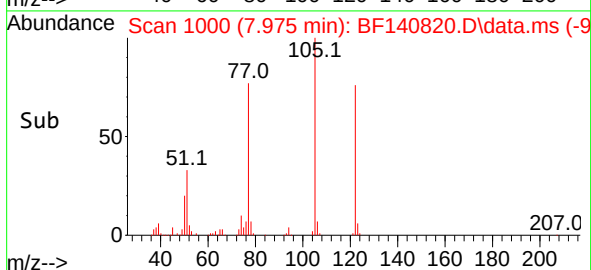
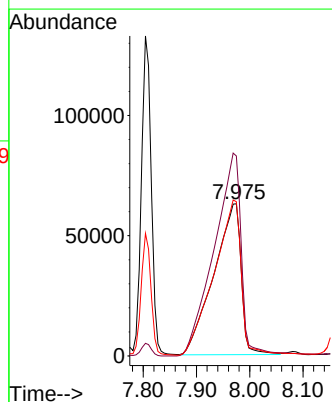
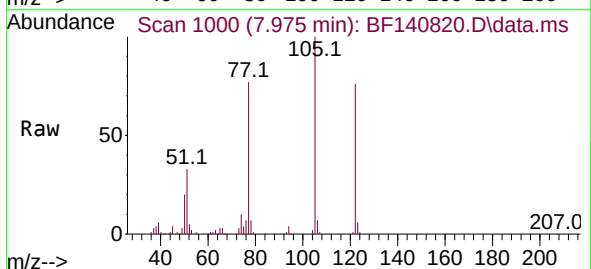
Reviewed By :Yogesh Patel 12/12/2024

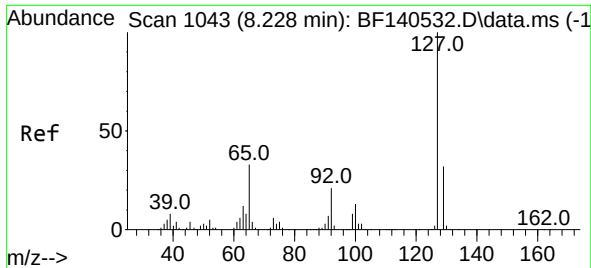
Supervised By :mohammad ahmed 12/12/2024



#32
Benzoic acid
Concen: 61.140 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.036 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:122 Resp: 224243
Ion Ratio Lower Upper
122 100
105 131.5 109.3 149.3
77 101.4 82.3 122.3





#33
4-Chloroaniline
Concen: 45.228 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

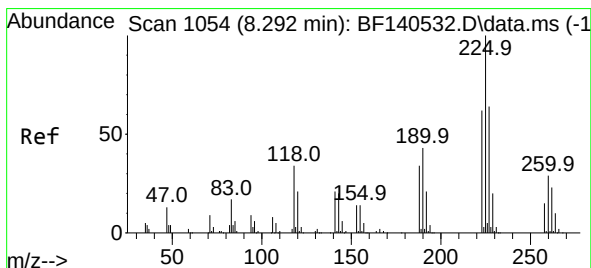
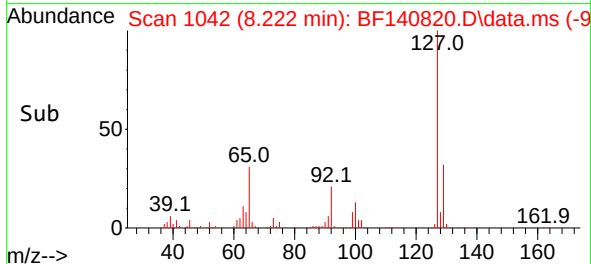
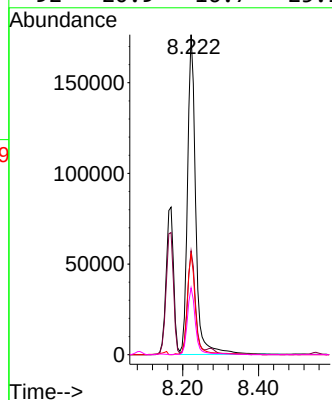
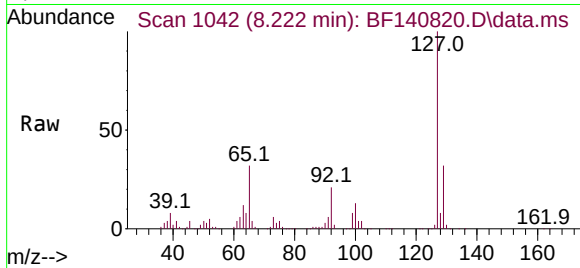
SSTDCCC040

Tgt Ion:127 Resp: 264384
Ion Ratio Lower Upper
127 100
129 32.5 26.0 39.0
65 31.5 26.0 39.0
92 20.9 16.7 25.1

Manual Integrations

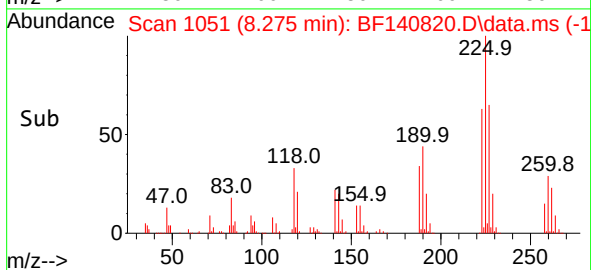
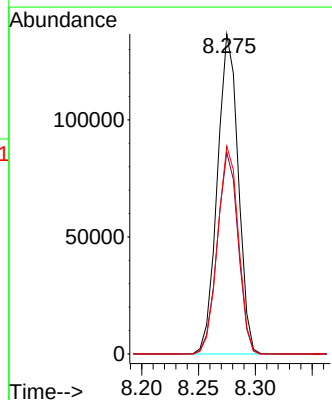
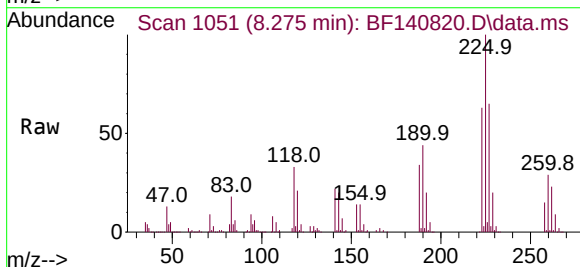
APPROVED

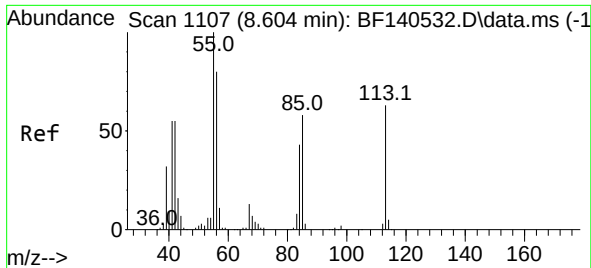
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#34
Hexachlorobutadiene
Concen: 42.881 ng
RT: 8.275 min Scan# 1051
Delta R.T. -0.018 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

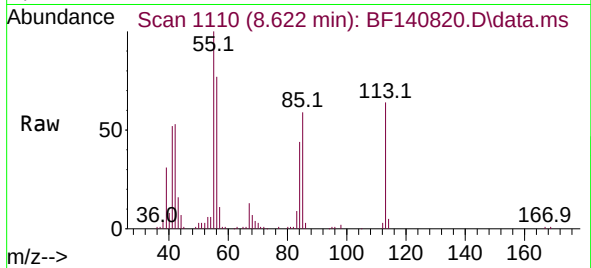
Tgt Ion:225 Resp: 174501
Ion Ratio Lower Upper
225 100
223 63.0 49.8 74.8
227 64.9 51.3 76.9





#35
 Caprolactam
 Concen: 45.939 ng m
 RT: 8.622 min Scan# 1110
 Delta R.T. 0.018 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

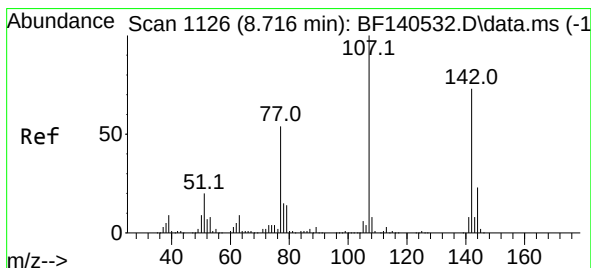
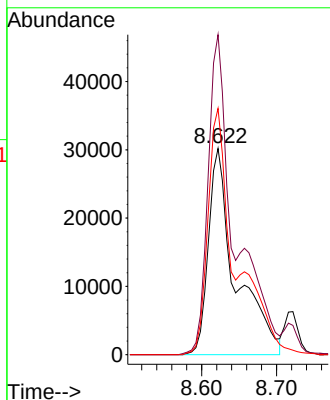
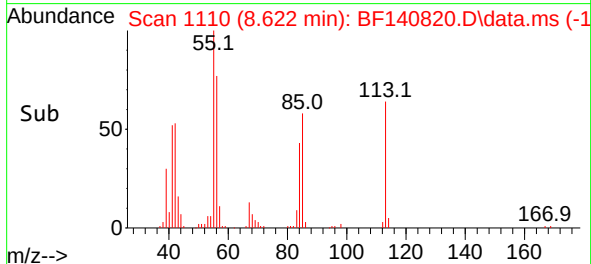
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040



Tgt Ion:113 Resp: 76500
 Ion Ratio Lower Upper
 113 100
 55 155.1 137.7 177.7
 56 119.3 106.4 146.4

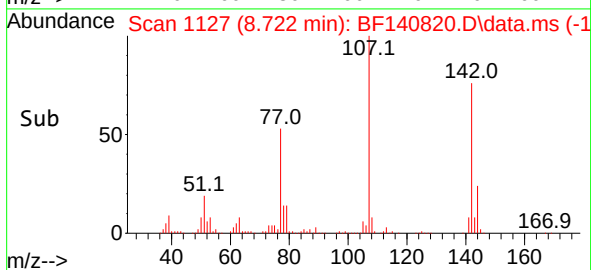
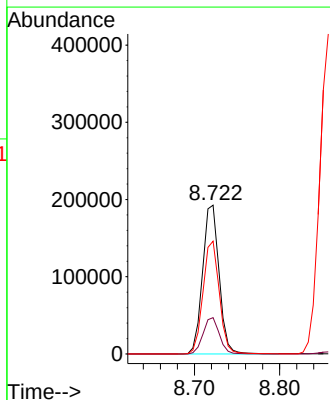
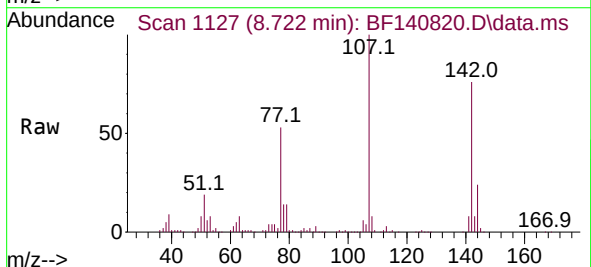
Manual Integrations
 APPROVED

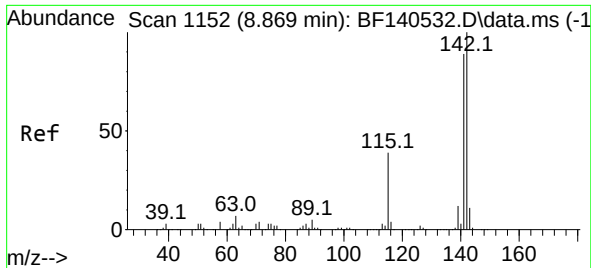
Reviewed By :Yogesh Patel 12/12/2024
 Supervised By :mohammad ahmed 12/12/2024



#36
 4-Chloro-3-methylphenol
 Concen: 43.154 ng
 RT: 8.722 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

Tgt Ion:107 Resp: 259991
 Ion Ratio Lower Upper
 107 100
 144 24.4 18.7 28.1
 142 75.8 58.3 87.5





#37
2-Methylnaphthalene
Concen: 42.925 ng
RT: 8.857 min Scan# 1152
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

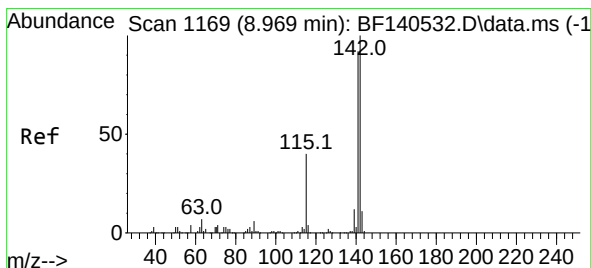
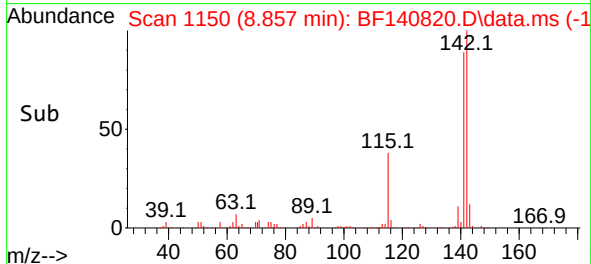
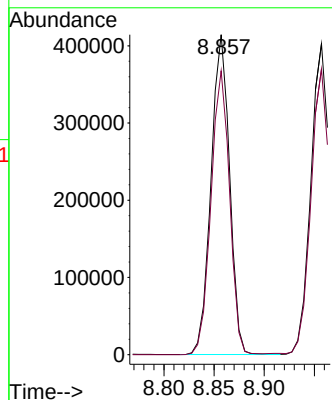
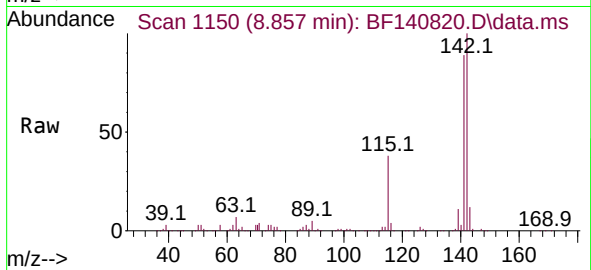
SSTDCCC040

Tgt Ion:142 Resp: 532300
Ion Ratio Lower Upper
142 100
141 88.7 71.0 106.6

Manual Integrations

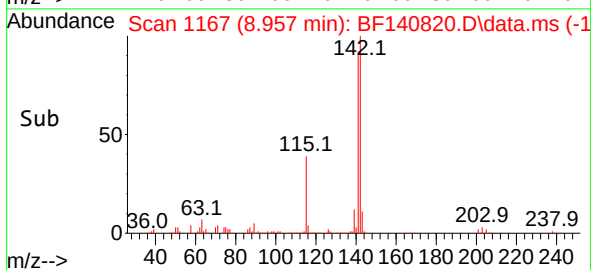
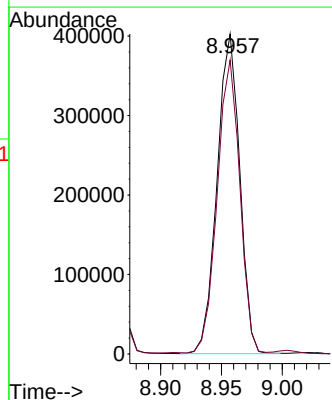
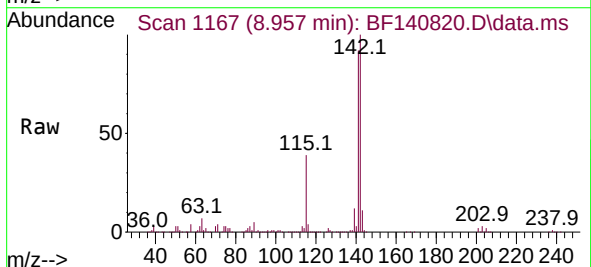
APPROVED

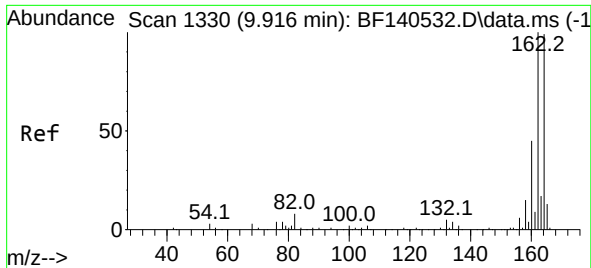
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#38
1-Methylnaphthalene
Concen: 42.869 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:142 Resp: 521074
Ion Ratio Lower Upper
142 100
141 91.8 73.3 109.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1178

Delta R.T. -0.012 min

Lab File: BF140820.D

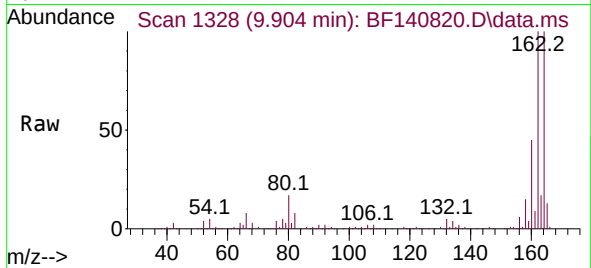
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 216972

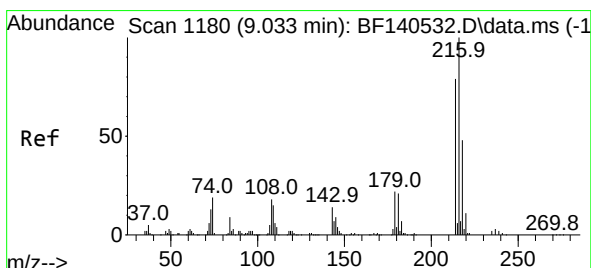
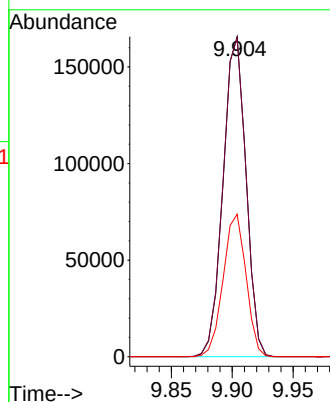
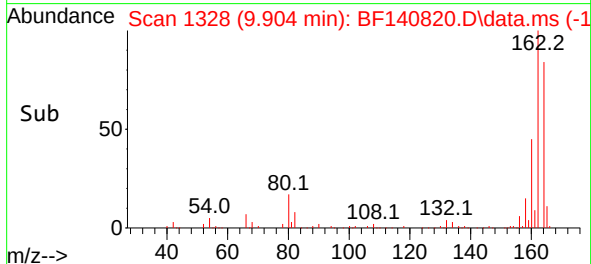
Ion	Ratio	Lower	Upper
164	100		
162	99.6	80.6	120.8
160	44.5	36.2	54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 41.725 ng

RT: 9.022 min Scan# 1178

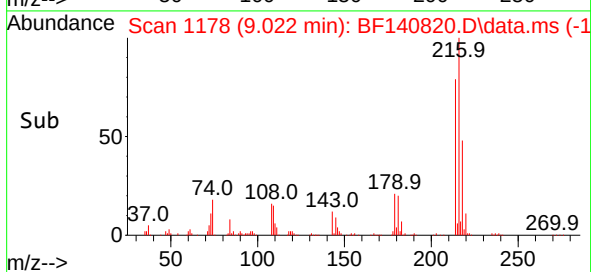
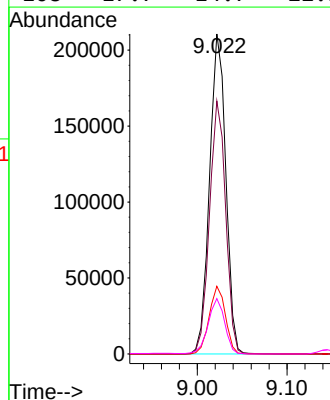
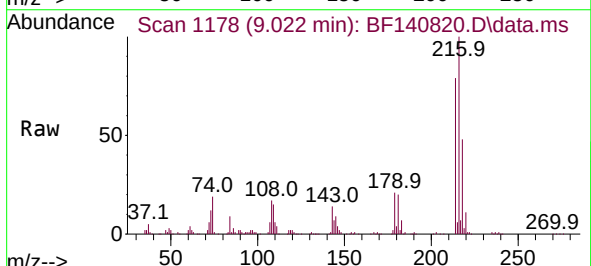
Delta R.T. -0.012 min

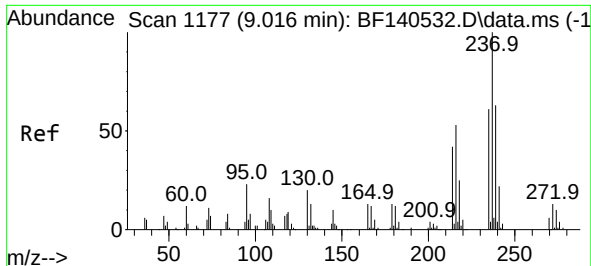
Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Tgt Ion:216 Resp: 265031

Ion	Ratio	Lower	Upper
216	100		
214	78.8	63.0	94.4
179	21.1	17.5	26.3
108	17.7	14.7	22.1





#41
Hexachlorocyclopentadiene
Concen: 33.712 ng
RT: 9.004 min Scan# 1175
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

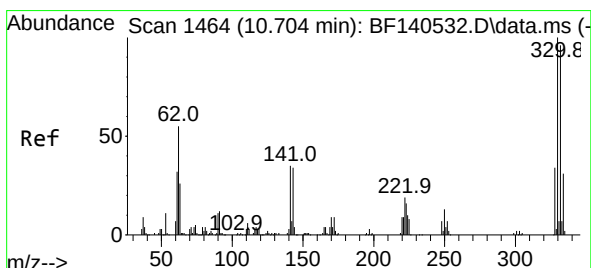
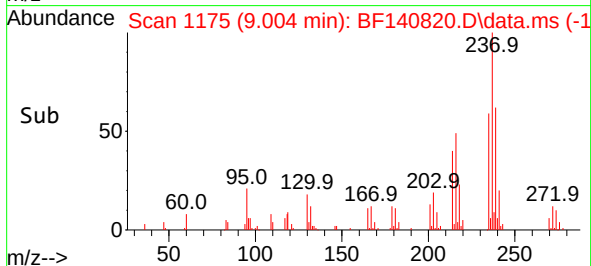
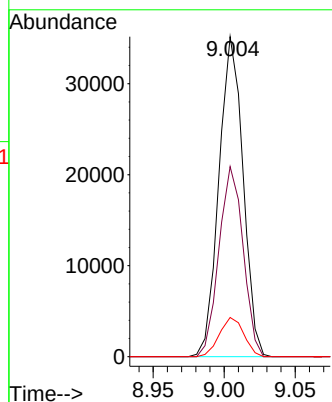
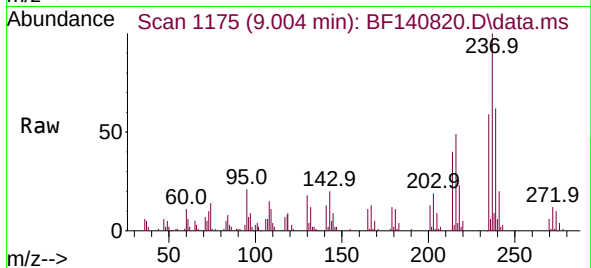
SSTDCCC040

Tgt Ion:237 Resp: 41504
Ion Ratio Lower Upper
237 100
235 59.4 41.1 81.1
272 12.3 0.0 32.6

Manual Integrations

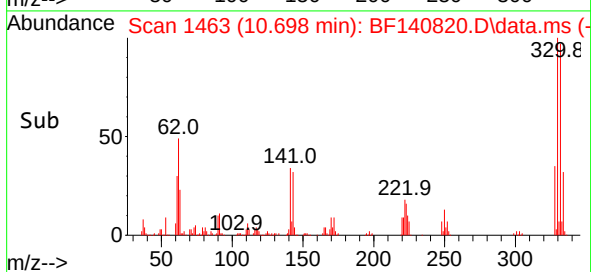
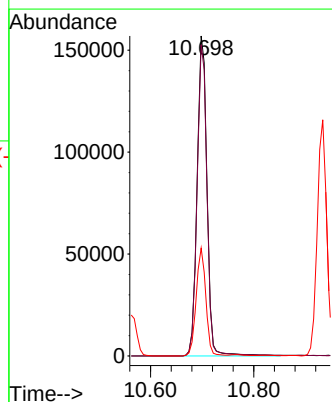
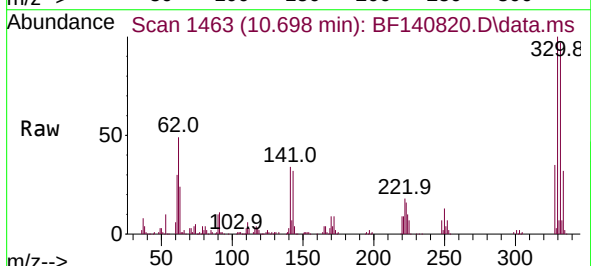
APPROVED

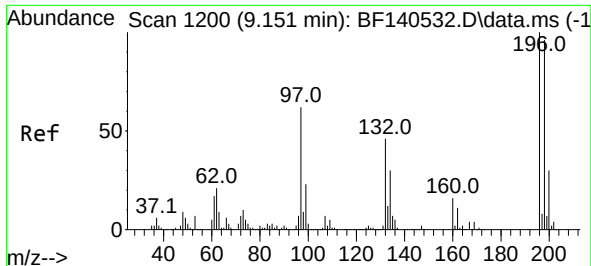
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#42
2,4,6-Tribromophenol
Concen: 89.982 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:330 Resp: 208806
Ion Ratio Lower Upper
330 100
332 97.3 76.9 115.3
141 32.8 26.7 40.1





#43

2,4,6-Trichlorophenol

Concen: 42.111 ng

RT: 9.145 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:196 Resp: 16784

Ion Ratio Lower Upper

196 100

198 95.7 76.8 115.2

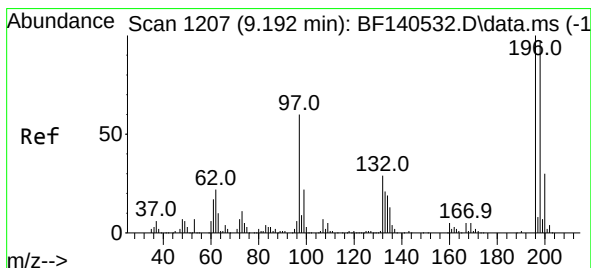
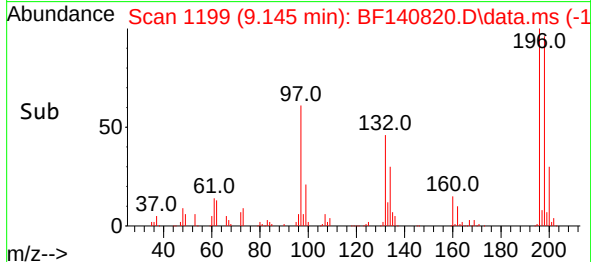
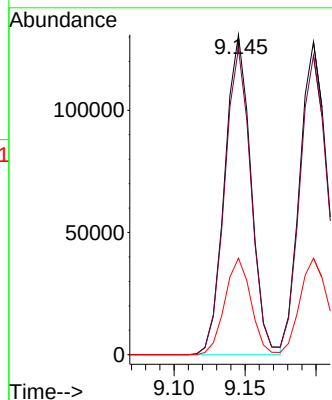
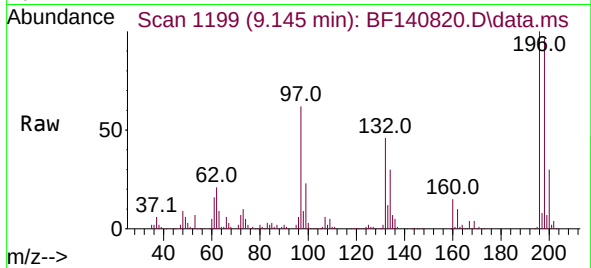
200 30.1 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#44

2,4,5-Trichlorophenol

Concen: 41.818 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Tgt Ion:196 Resp: 180892

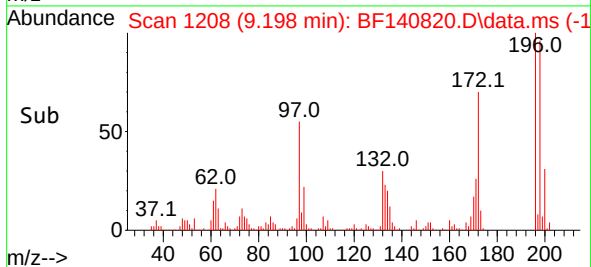
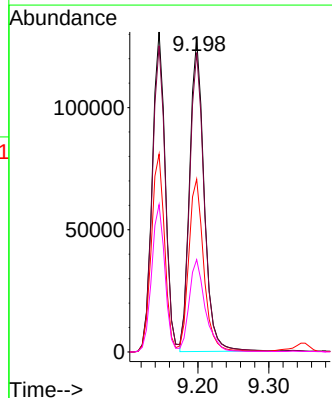
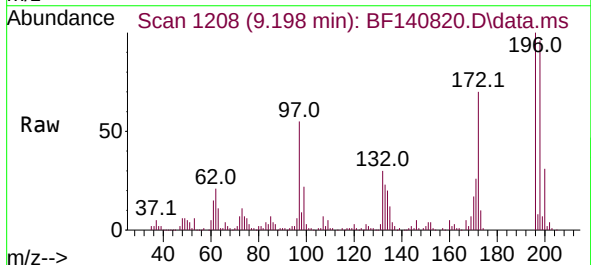
Ion Ratio Lower Upper

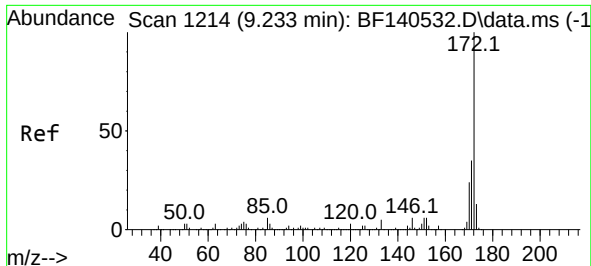
196 100

198 95.7 77.2 115.8

97 55.2 47.1 70.7

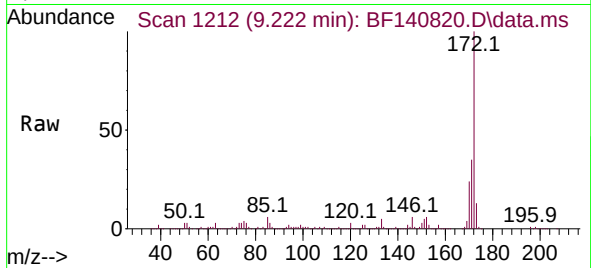
132 29.5 24.1 36.1





#45
2-Fluorobiphenyl
Concen: 82.454 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

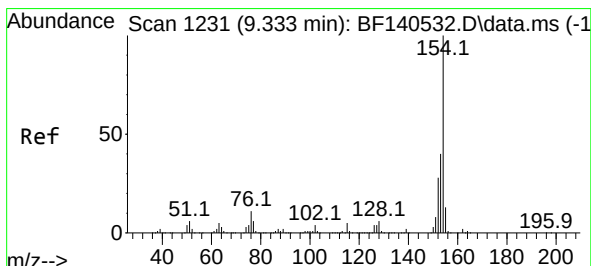
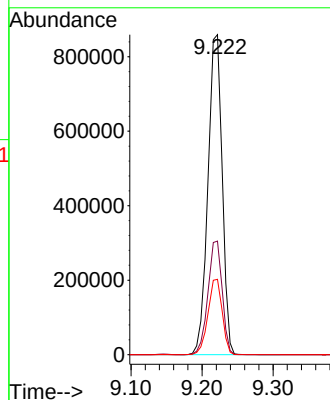
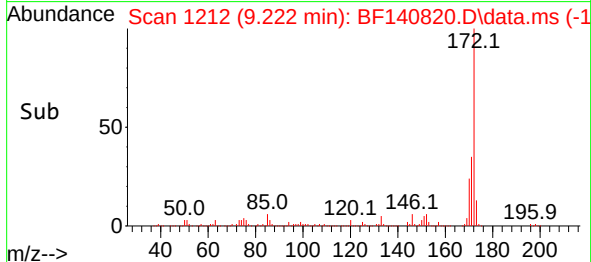
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:172 Resp: 1200734
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.6 19.0 28.6

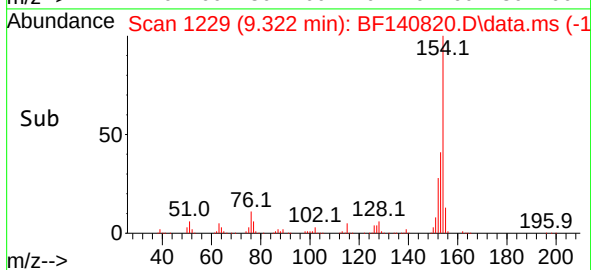
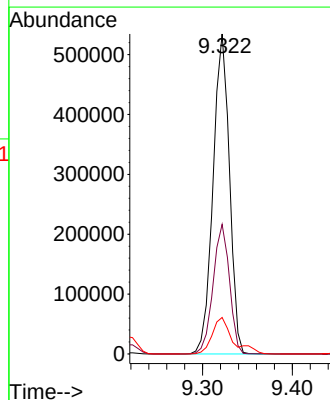
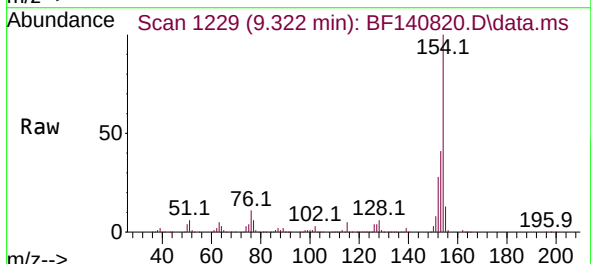
Manual Integrations
APPROVED

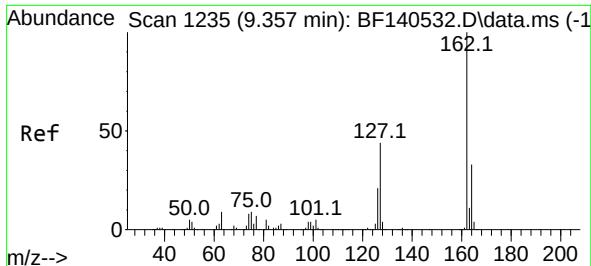
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#46
1,1'-Biphenyl
Concen: 41.845 ng
RT: 9.322 min Scan# 1229
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:154 Resp: 677858
Ion Ratio Lower Upper
154 100
153 40.5 20.4 60.4
76 11.4 0.0 31.2





#47

2-Chloronaphthalene

Concen: 41.721 ng

RT: 9.351 min Scan# 1235

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:162 Resp: 51210

Ion Ratio Lower Upper

162 100

127 43.4 35.7 53.5

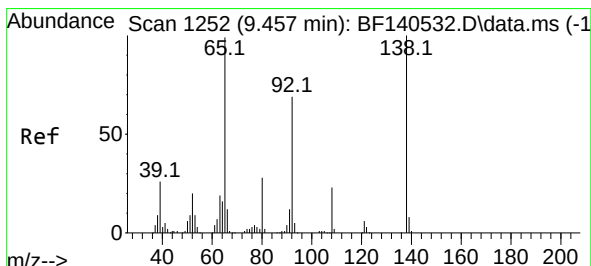
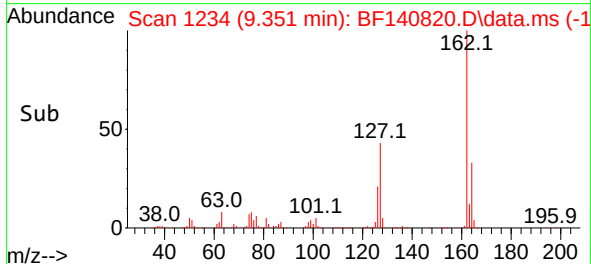
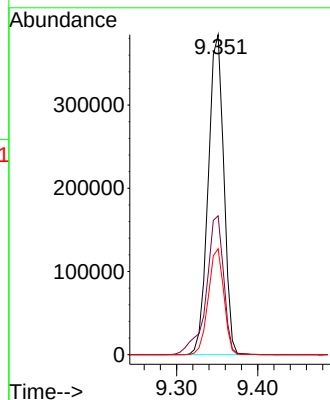
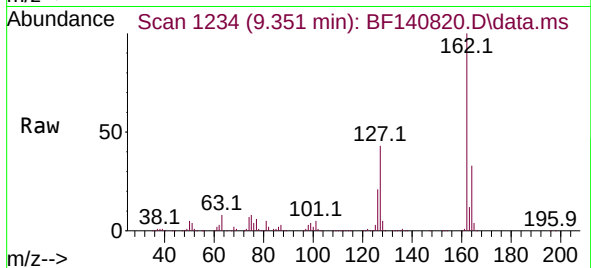
164 33.1 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#48

2-Nitroaniline

Concen: 42.347 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

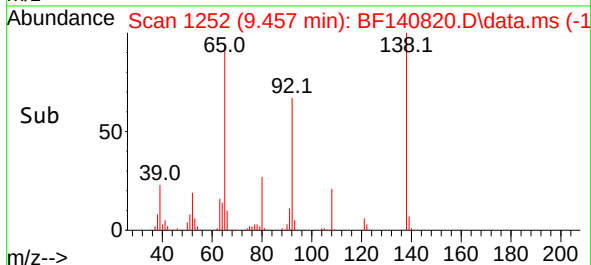
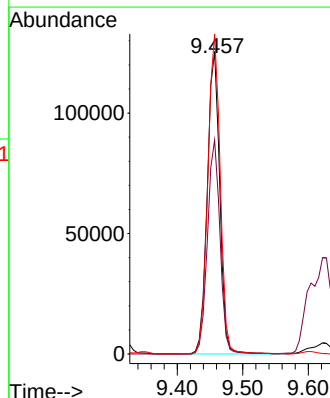
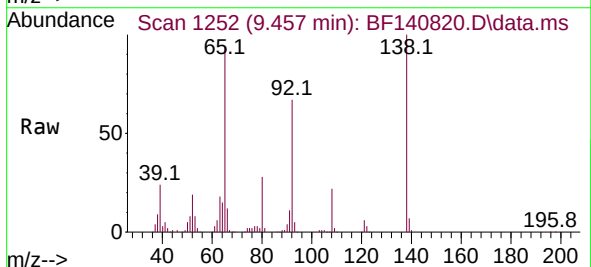
Tgt Ion: 65 Resp: 166844

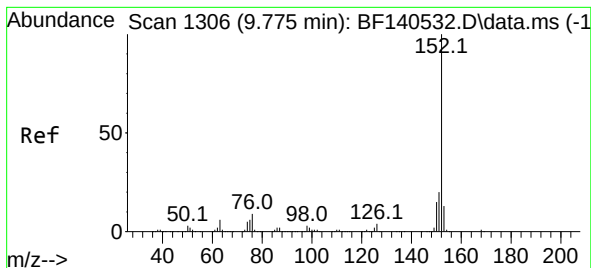
Ion Ratio Lower Upper

65 100

92 70.7 56.1 84.1

138 105.8 81.0 121.6





#49

Acenaphthylene

Concen: 41.437 ng

RT: 9.763 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:152 Resp: 76849

Ion Ratio Lower Upper

152 100

151 20.2 15.9 23.9

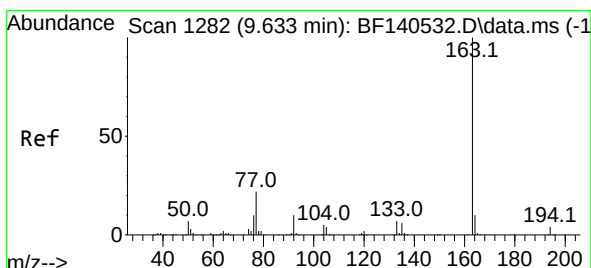
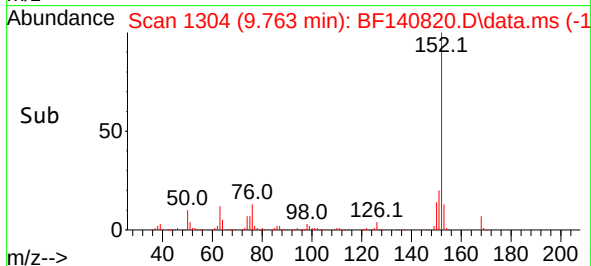
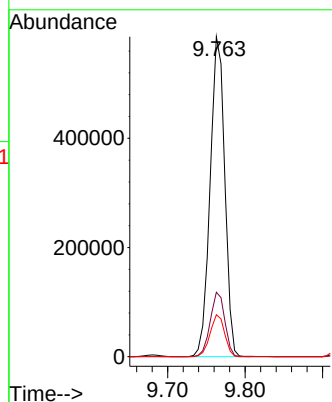
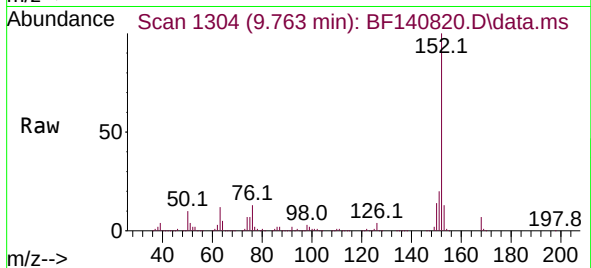
153 13.1 10.6 16.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#50

Dimethylphthalate

Concen: 42.671 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

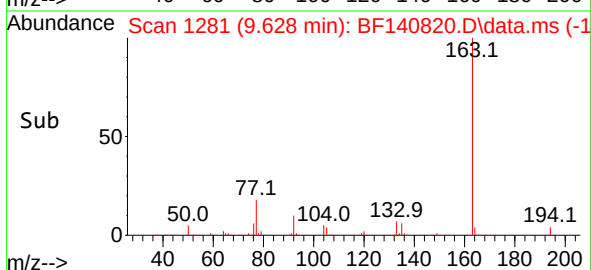
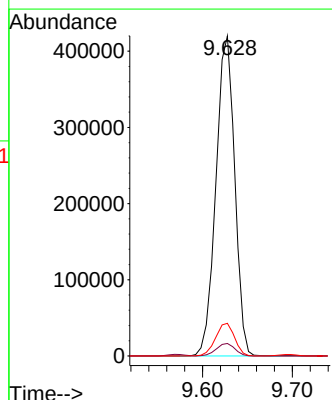
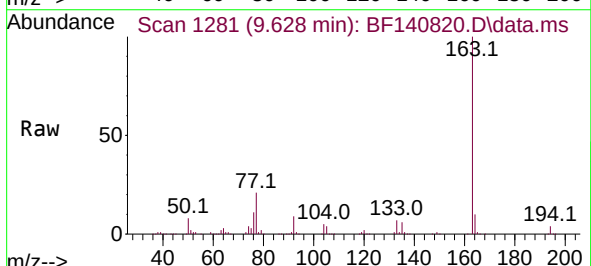
Tgt Ion:163 Resp: 609751

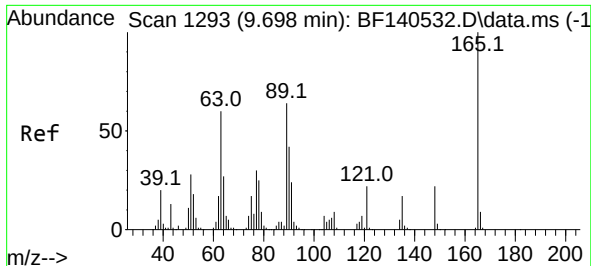
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.2 8.2 12.2





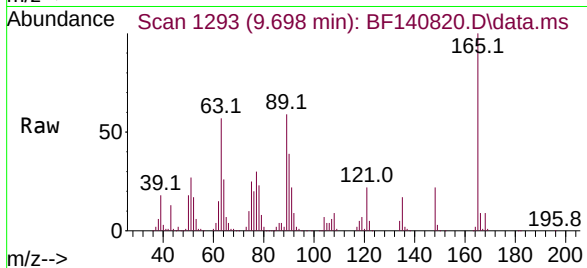
#51
2,6-Dinitrotoluene
Concen: 42.890 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

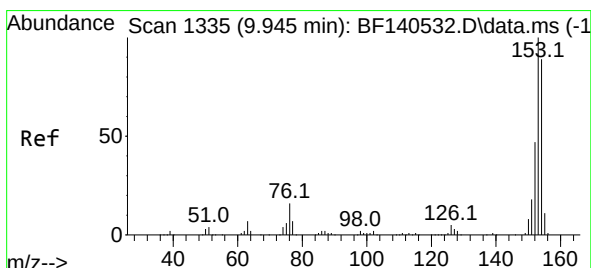
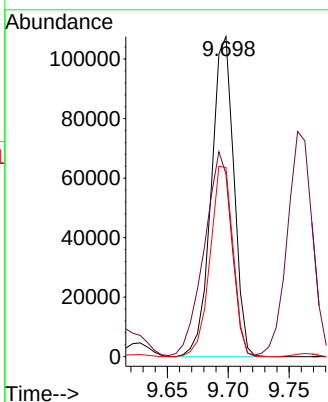
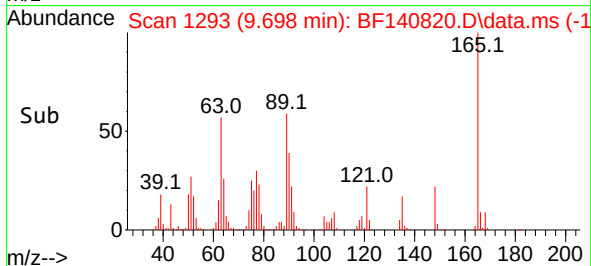


Tgt Ion:165 Resp: 139000
Ion Ratio Lower Upper
165 100
63 57.1 49.9 74.9
89 59.1 50.9 76.3

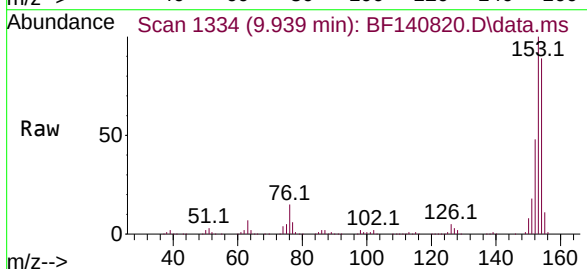
Manual Integrations

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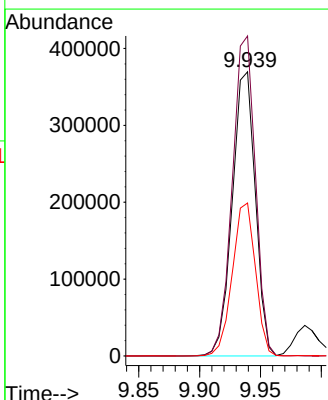
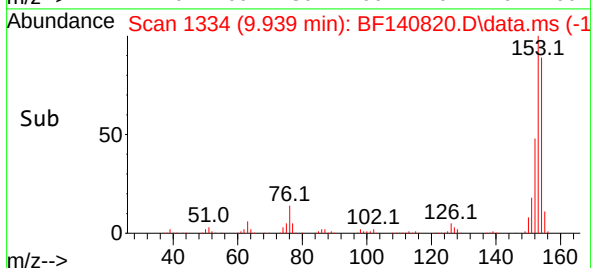
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

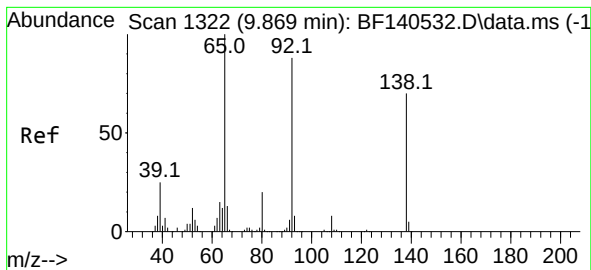


#52
Acenaphthene
Concen: 41.479 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:154 Resp: 488788
Ion Ratio Lower Upper
154 100
153 112.6 89.7 134.5
152 53.9 42.5 63.7





#53
3-Nitroaniline
Concen: 43.902 ng
RT: 9.875 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

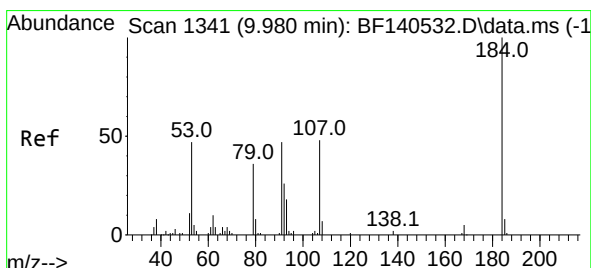
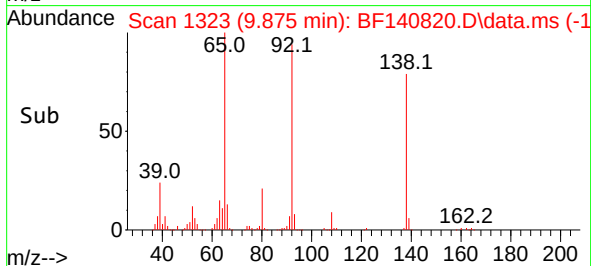
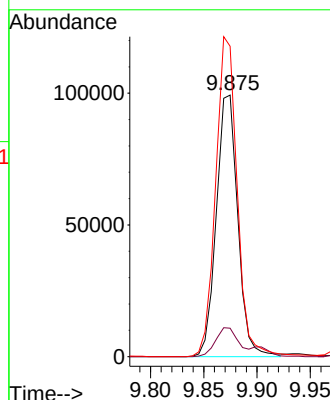
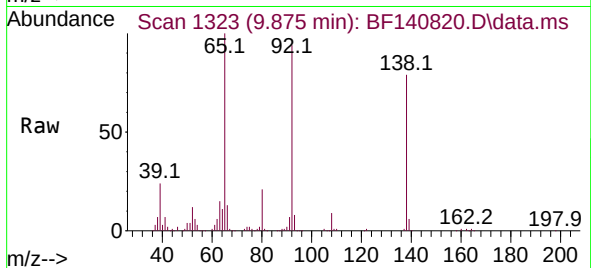
SSTDCCC040

Tgt Ion:138 Resp: 13915
Ion Ratio Lower Upper
138 100
108 10.9 9.2 13.8
92 118.7 100.6 150.8

Manual Integrations

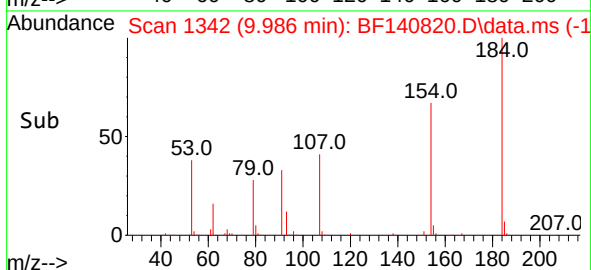
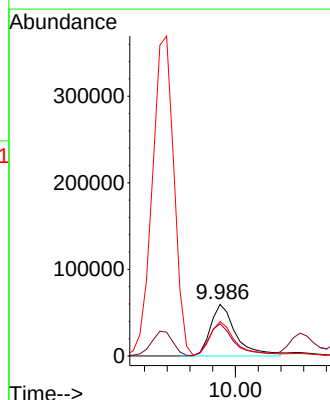
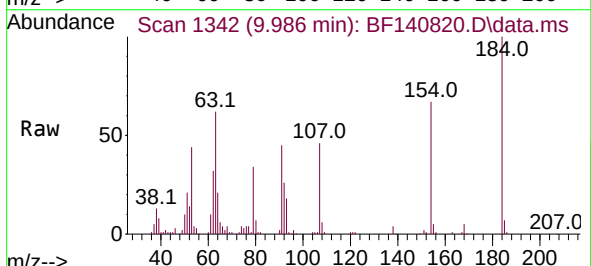
APPROVED

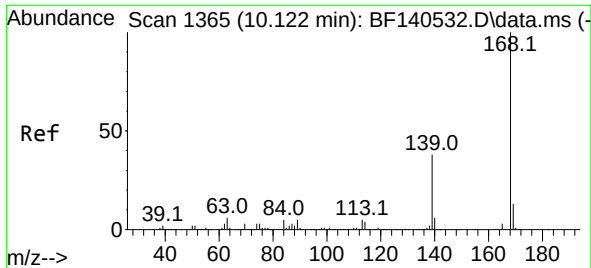
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#54
2,4-Dinitrophenol
Concen: 57.386 ng
RT: 9.986 min Scan# 1342
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:184 Resp: 92205
Ion Ratio Lower Upper
184 100
63 62.4 54.1 81.1
154 66.8 57.4 86.0





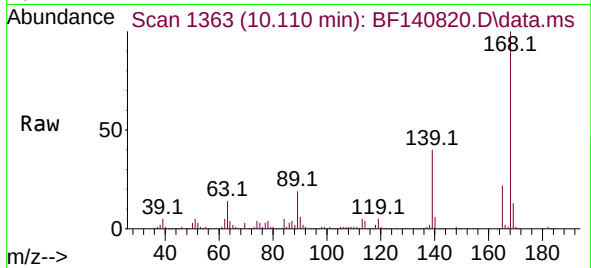
#55
Dibenzenofuran
Concen: 41.314 ng
RT: 10.110 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



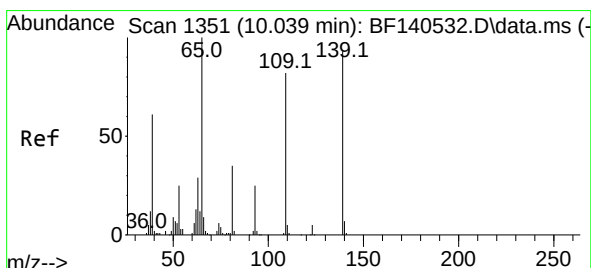
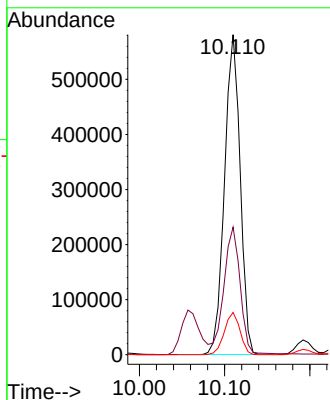
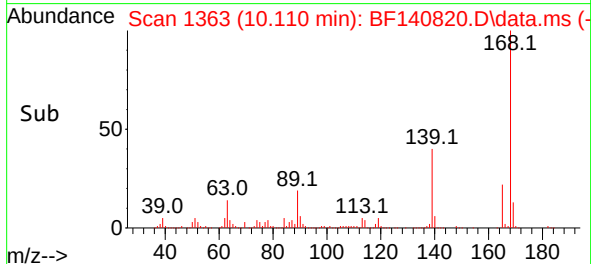
Tgt Ion:168 Resp: 742594
Ion Ratio Lower Upper
168 100
139 39.9 31.3 46.9
169 13.2 10.5 15.7

Manual Integrations

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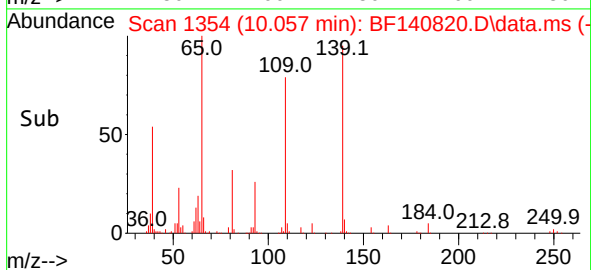
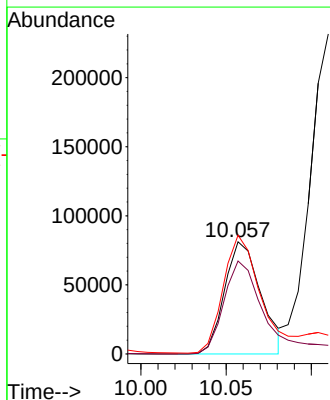
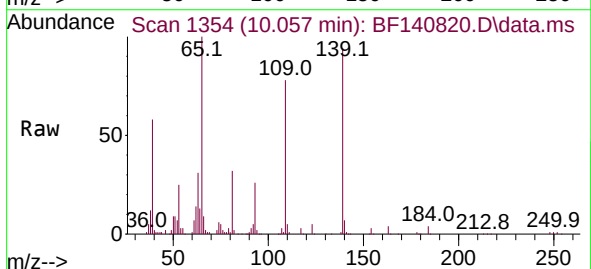
Reviewed By :Yogesh Patel 12/12/2024

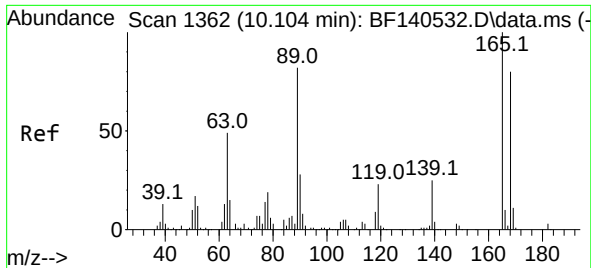
Supervised By :mohammad ahmed 12/12/2024



#56
4-Nitrophenol
Concen: 55.514 ng
RT: 10.057 min Scan# 1354
Delta R.T. 0.018 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:139 Resp: 120006
Ion Ratio Lower Upper
139 100
109 82.9 68.4 108.4
65 105.9 88.6 128.6





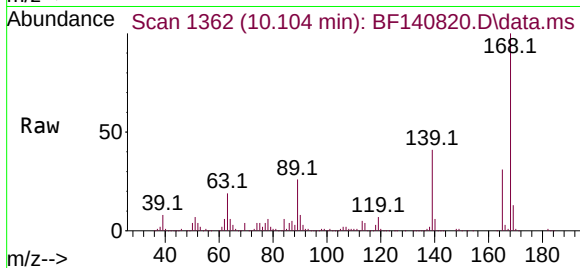
#57
2,4-Dinitrotoluene
Concen: 44.375 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

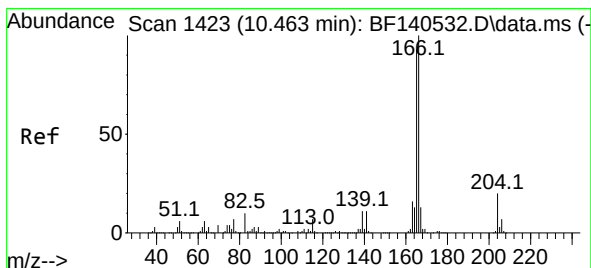
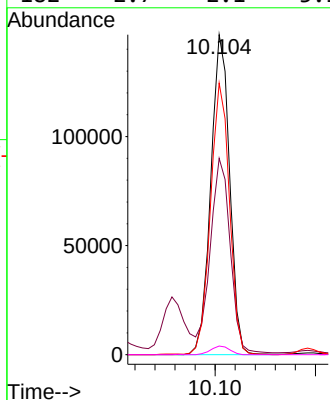
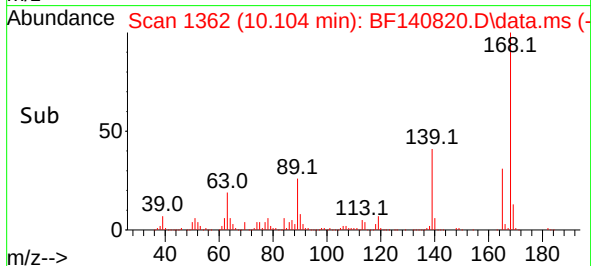


Tgt Ion:165 Resp: 191128
Ion Ratio Lower Upper
165 100
63 61.3 41.7 62.5
89 84.9 65.8 98.8
182 2.7 2.1 3.1

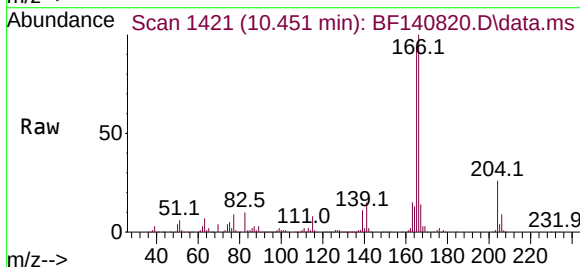
Manual Integrations

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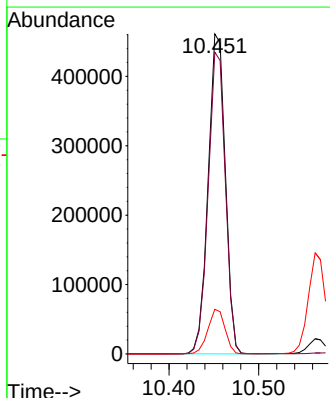
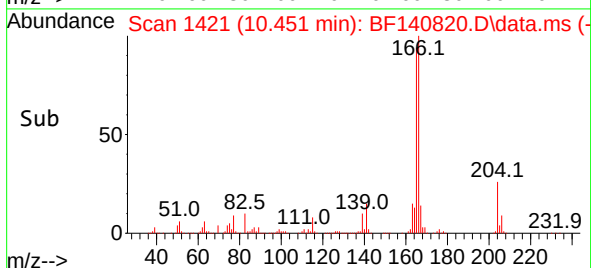
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

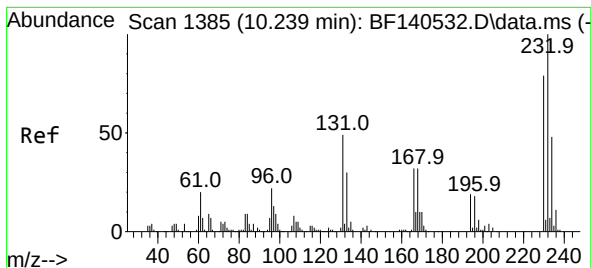


#58
Fluorene
Concen: 42.521 ng
RT: 10.451 min Scan# 1421
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



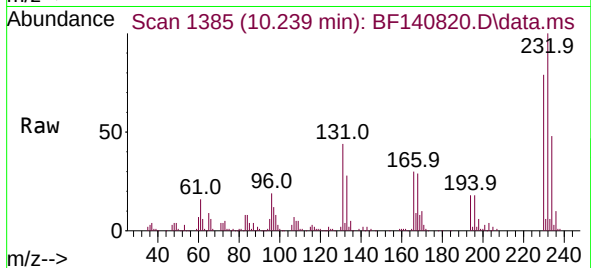
Tgt Ion:166 Resp: 613472
Ion Ratio Lower Upper
166 100
165 94.3 74.6 111.8
167 13.9 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.681 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

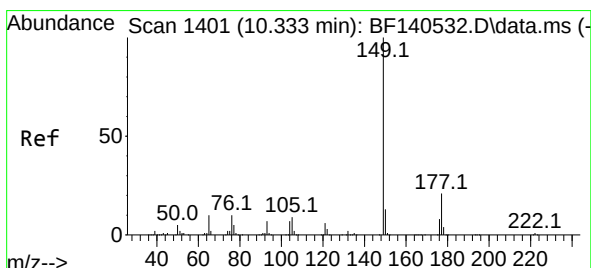
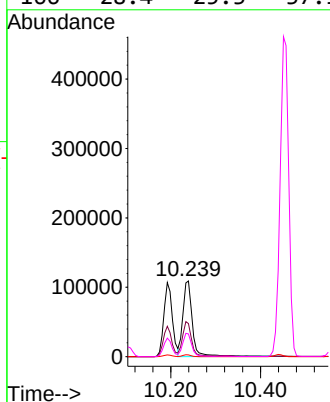
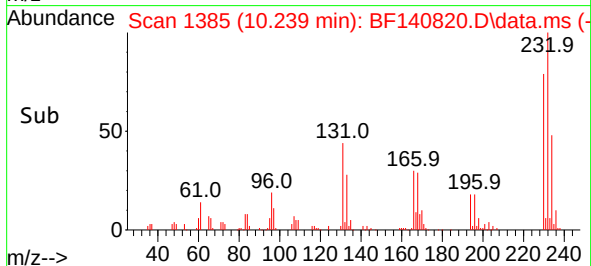
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



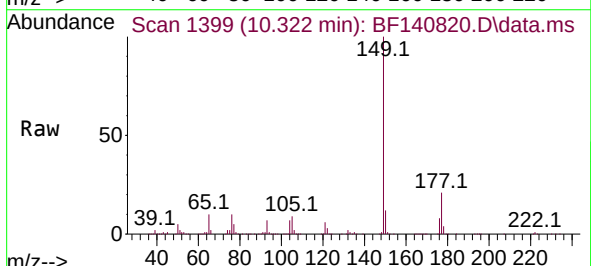
Tgt Ion:232 Resp: 158512
Ion Ratio Lower Upper
232 100
131 43.8 39.6 59.4
130 2.2 1.9 2.9
166 28.4 25.3 37.9

Manual Integrations
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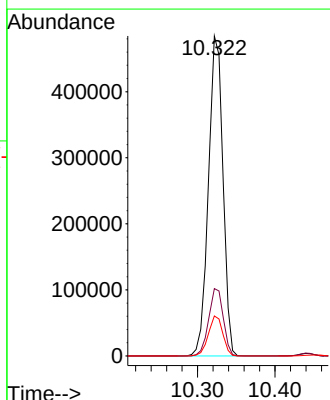
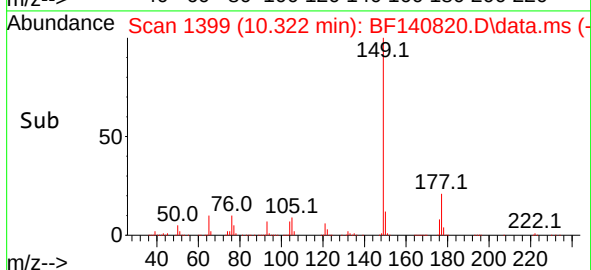
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

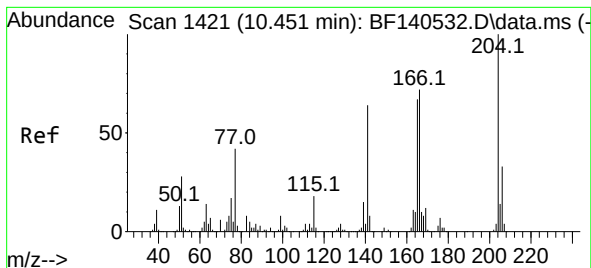


#60
Diethylphthalate
Concen: 43.424 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



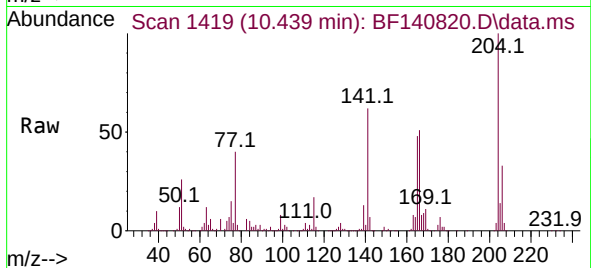
Tgt Ion:149 Resp: 630458
Ion Ratio Lower Upper
149 100
177 21.1 17.1 25.7
150 12.5 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 43.202 ng
RT: 10.439 min Scan# 1419
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

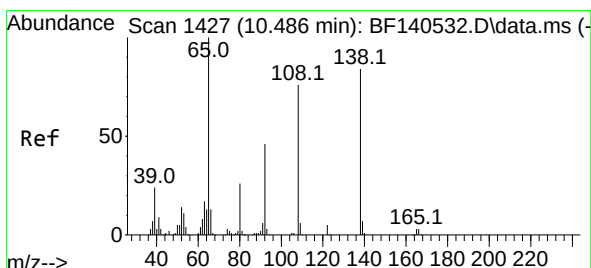
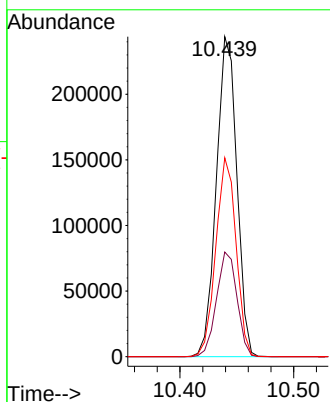
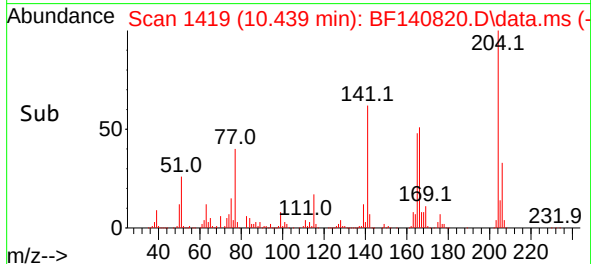
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:204 Resp: 305884
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 62.1 51.1 76.7

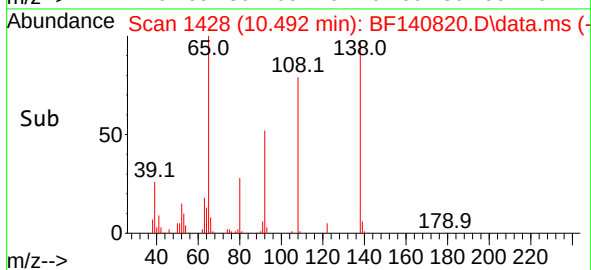
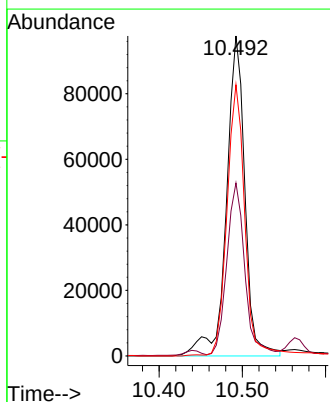
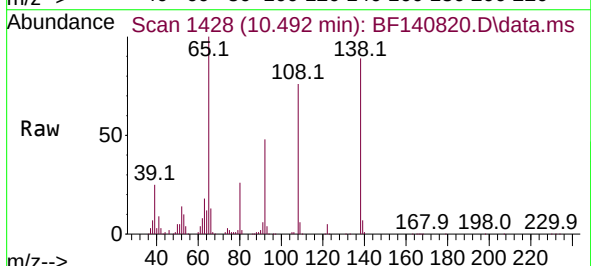
Manual Integrations
APPROVED

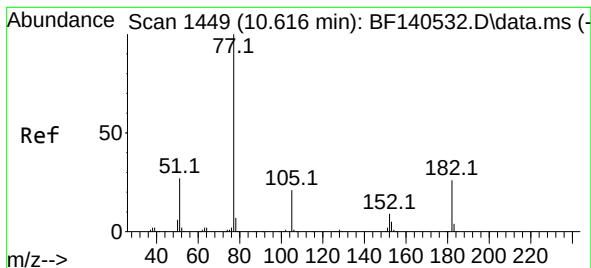
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#62
4-Nitroaniline
Concen: 45.422 ng m
RT: 10.492 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:138 Resp: 151001
Ion Ratio Lower Upper
138 100
92 54.1 34.5 74.5
108 84.8 70.6 110.6





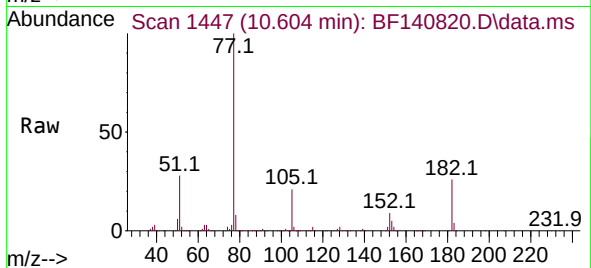
#63
Azobenzene
Concen: 41.664 ng
RT: 10.604 min Scan# 1449
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



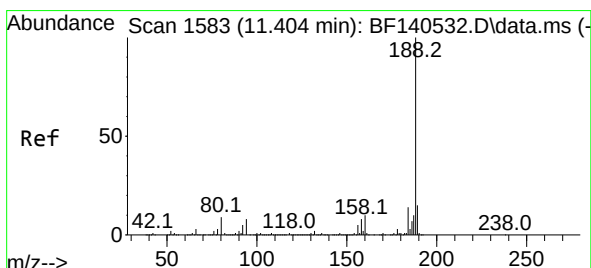
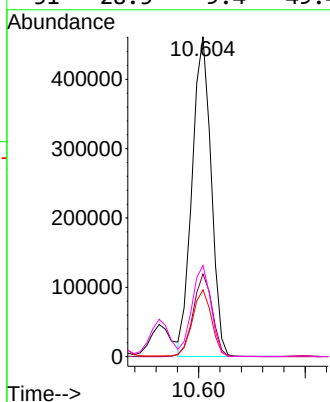
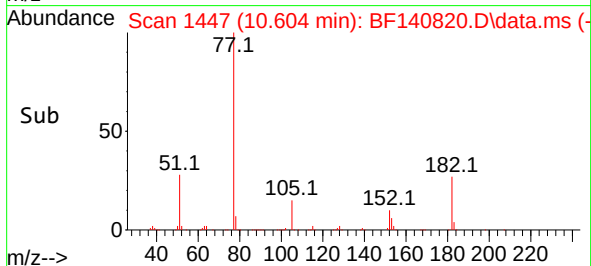
Tgt Ion: 77 Resp: 57284
Ion Ratio Lower Upper
77 100
182 25.8 5.3 45.3
105 20.9 0.3 40.3
51 28.5 9.4 49.4

Manual Integrations

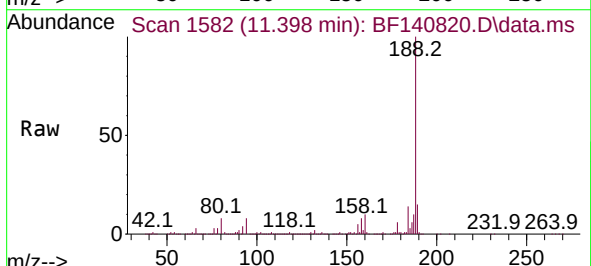
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

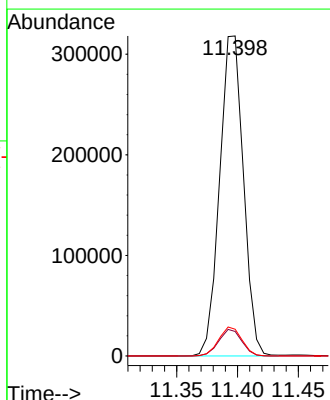
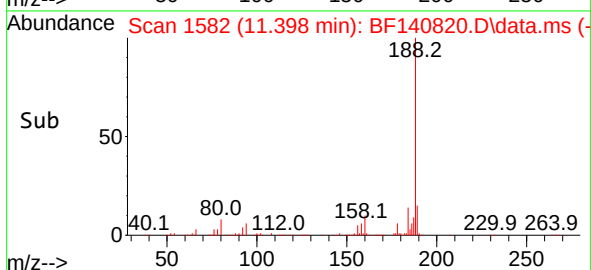
Supervised By :mohammad ahmed 12/12/2024

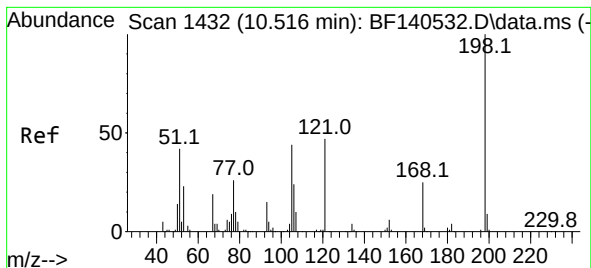


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:188 Resp: 433324
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.4 6.9 10.3





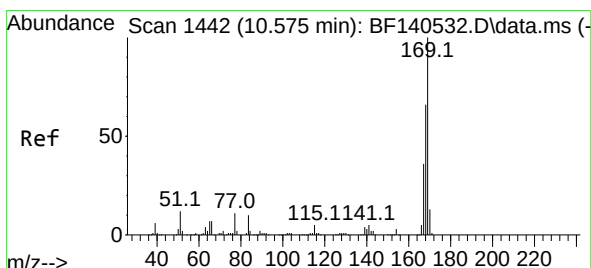
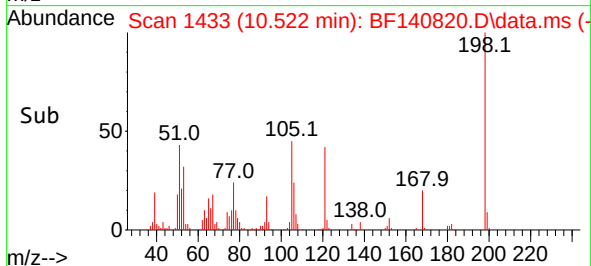
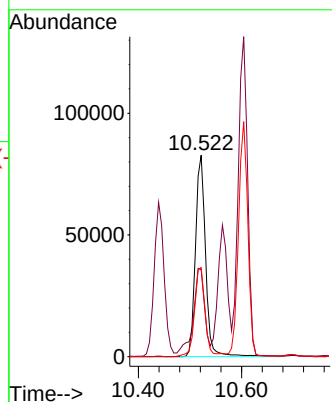
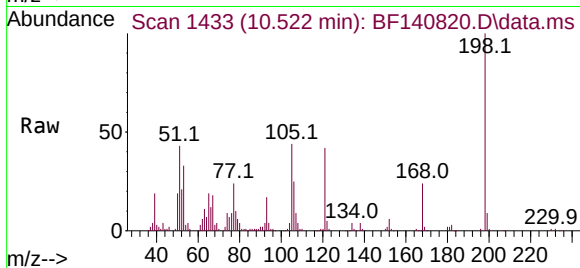
#65
4,6-Dinitro-2-methylphenol
Concen: 51.025 ng
RT: 10.522 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:198 Resp: 112984
Ion Ratio Lower Upper
198 100
51 43.3 29.4 69.4
105 44.3 25.4 65.4

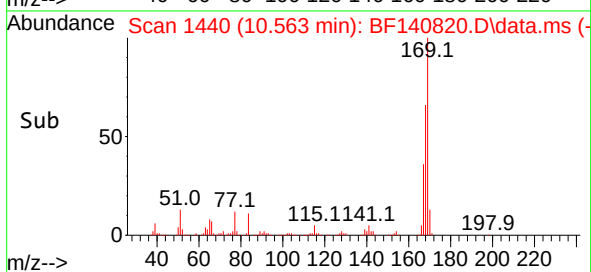
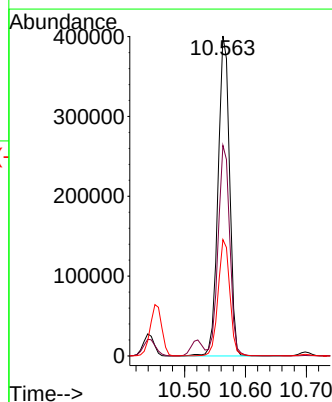
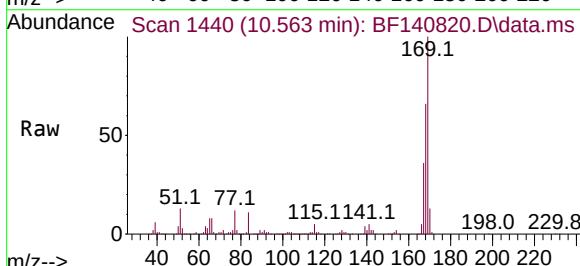
Manual Integrations
APPROVED

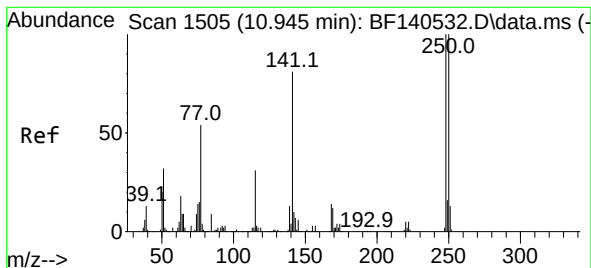
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#66
n-Nitrosodiphenylamine
Concen: 41.051 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

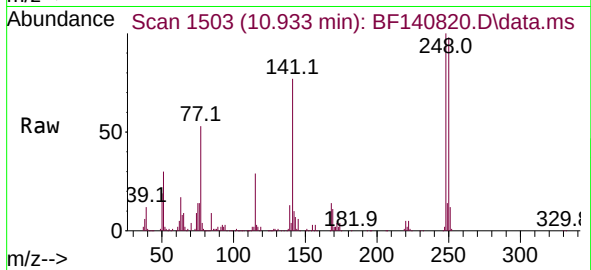
Tgt Ion:169 Resp: 526049
Ion Ratio Lower Upper
169 100
168 65.8 53.2 79.8
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 41.636 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

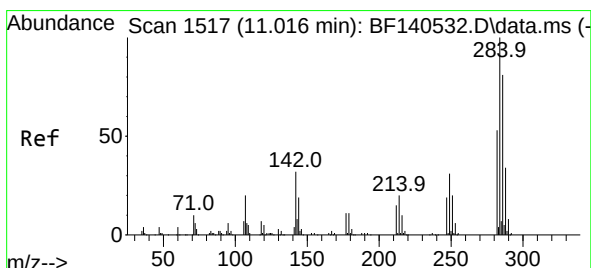
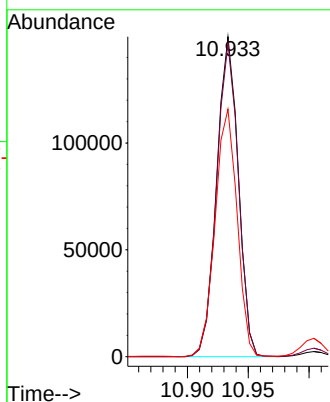
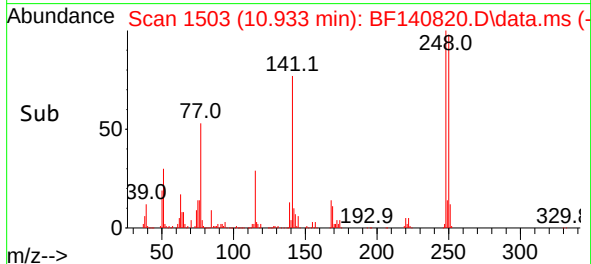
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:248 Resp: 185802
Ion Ratio Lower Upper
248 100
250 97.9 79.8 119.8
141 77.3 64.7 97.1

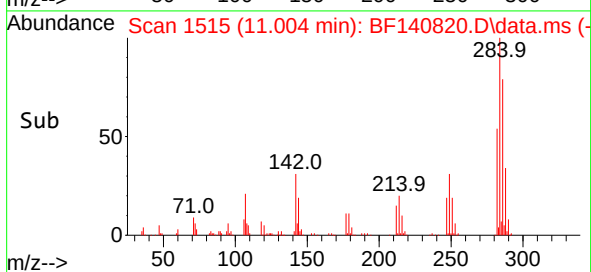
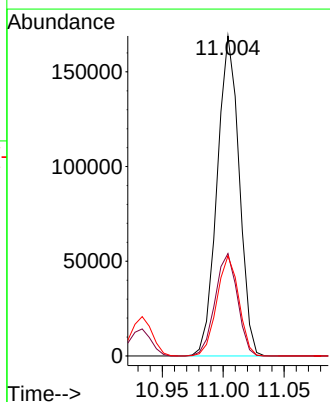
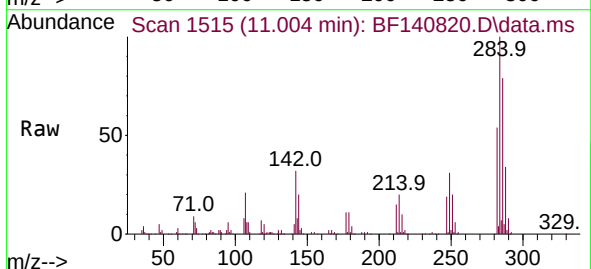
Manual Integrations
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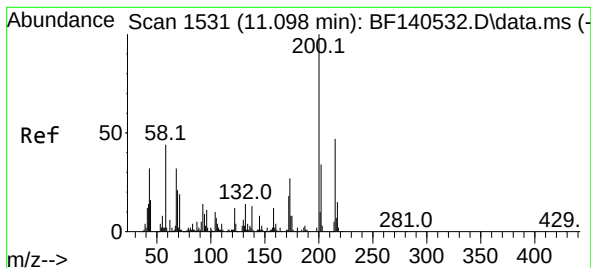
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#68
Hexachlorobenzene
Concen: 41.187 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.012 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:284 Resp: 212823
Ion Ratio Lower Upper
284 100
142 32.0 25.3 37.9
249 31.3 24.8 37.2





#69

Atrazine

Concen: 33.304 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 12005

Ion Ratio Lower Upper

200 100

173 26.5 7.0 47.0

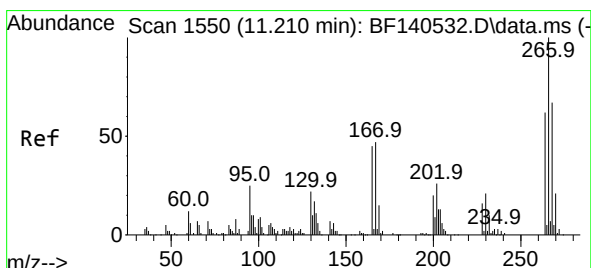
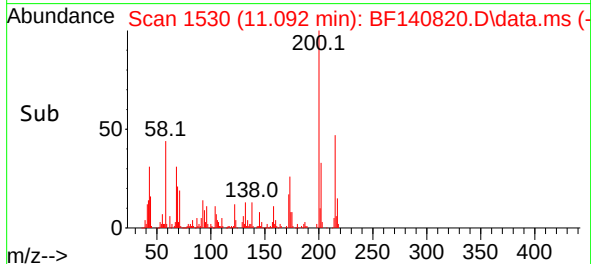
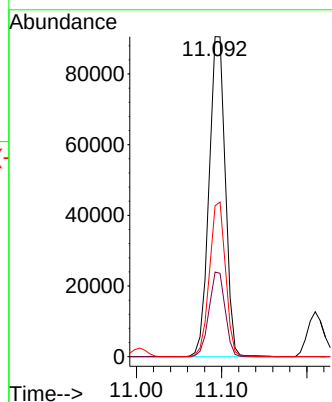
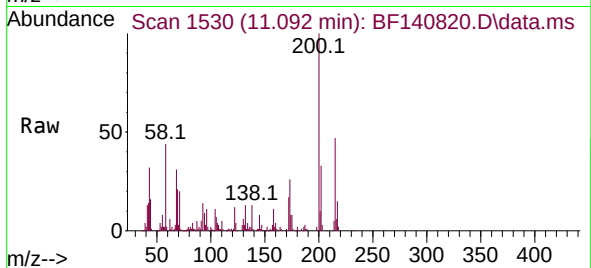
215 47.1 26.7 66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#70

Pentachlorophenol

Concen: 42.736 ng

RT: 11.210 min Scan# 1550

Delta R.T. -0.000 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

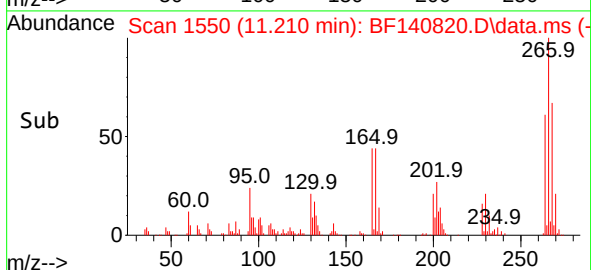
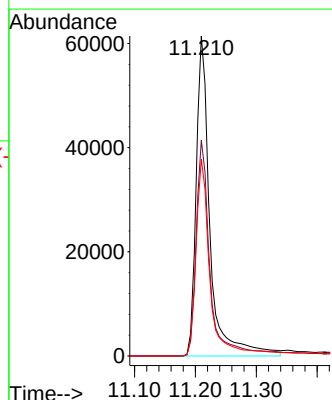
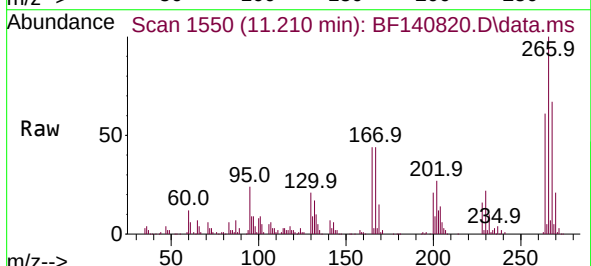
Tgt Ion:266 Resp: 97190

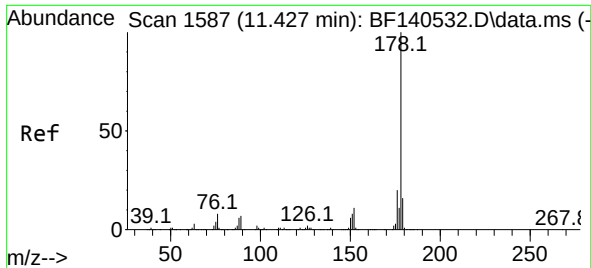
Ion Ratio Lower Upper

266 100

268 67.4 53.7 80.5

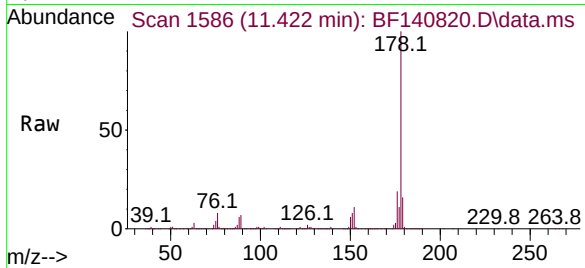
264 61.5 49.8 74.8





#71
Phenanthrene
Concen: 41.374 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

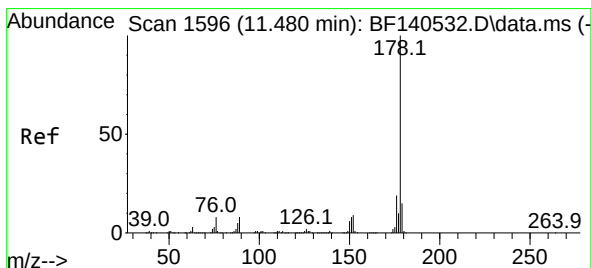
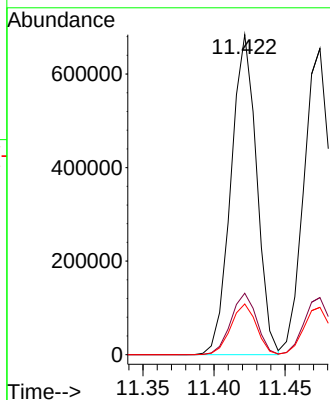
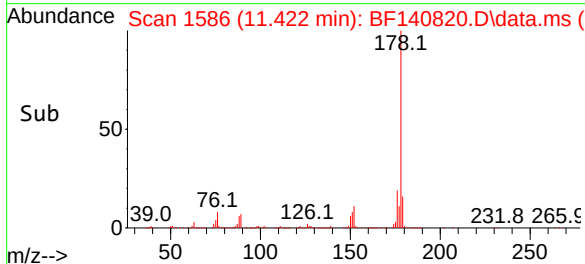
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



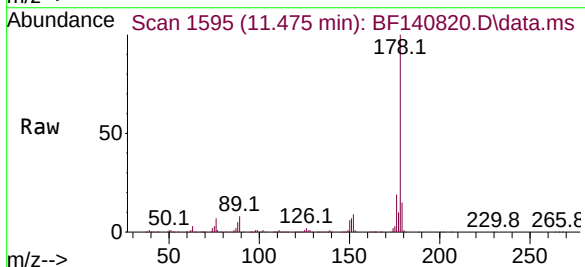
Tgt Ion:178 Resp: 861808
Ion Ratio Lower Upper
178 100
176 19.2 15.8 23.6
179 15.8 12.4 18.6

Manual Integrations
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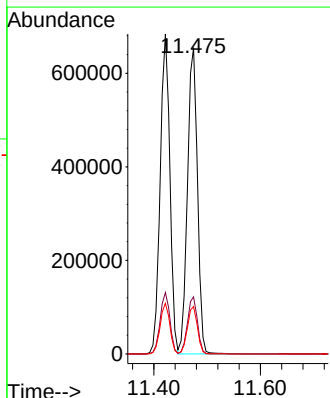
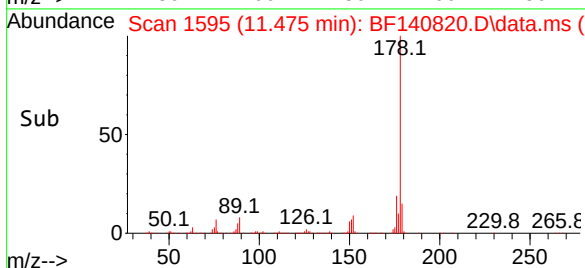
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024

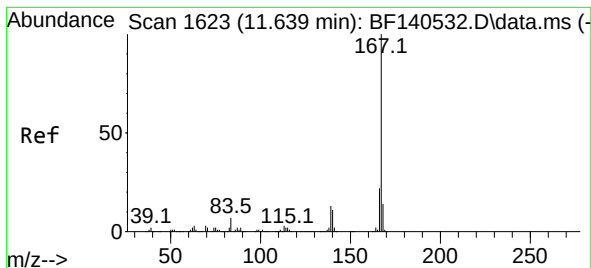


#72
Anthracene
Concen: 41.856 ng
RT: 11.475 min Scan# 1595
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:178 Resp: 852815
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.4
179 15.5 12.2 18.4





#73

Carbazole

Concen: 43.647 ng

RT: 11.633 min Scan# 1622

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:167 Resp: 85553

Ion Ratio Lower Upper

167 100

166 21.6 17.2 25.8

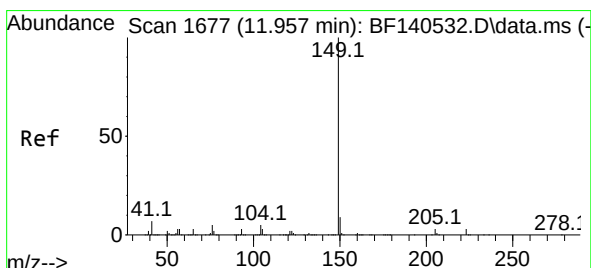
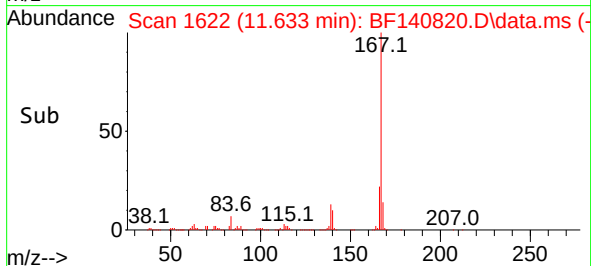
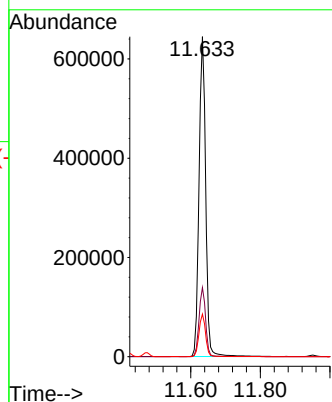
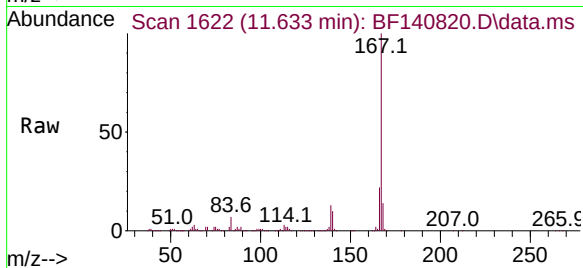
139 13.3 10.6 15.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#74

Di-n-butylphthalate

Concen: 42.911 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

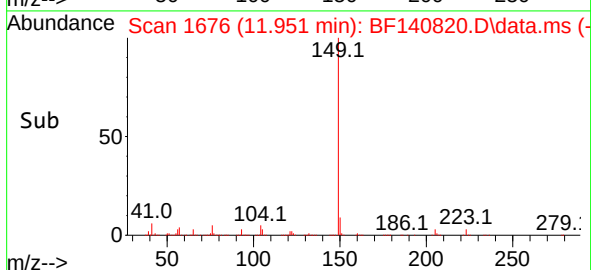
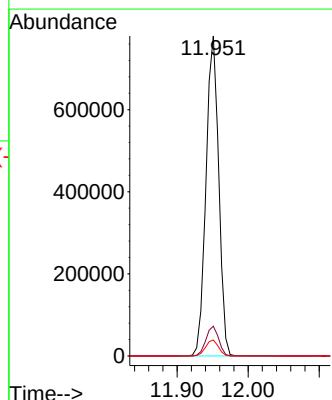
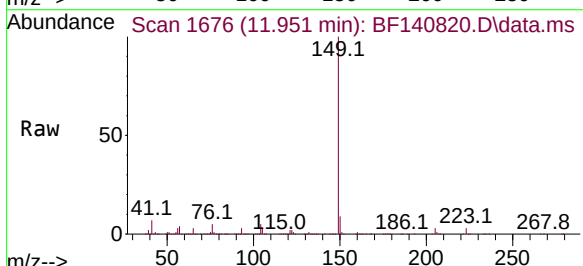
Tgt Ion:149 Resp: 971051

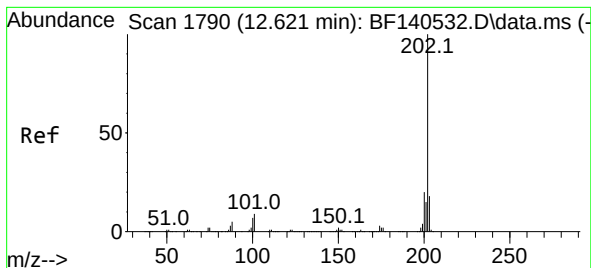
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

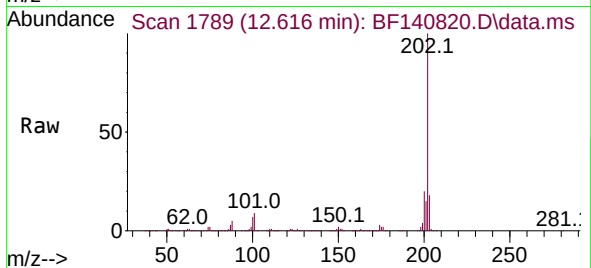
104 5.0 4.1 6.1





#75
Fluoranthene
Concen: 44.993 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

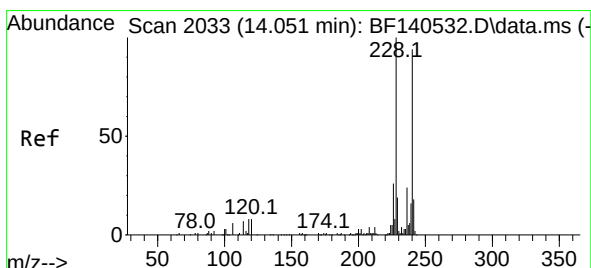
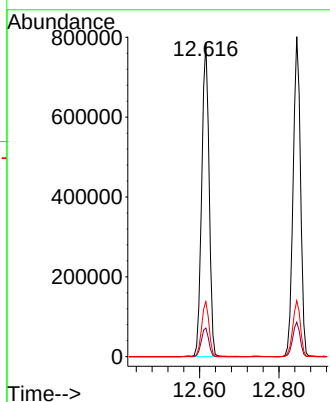
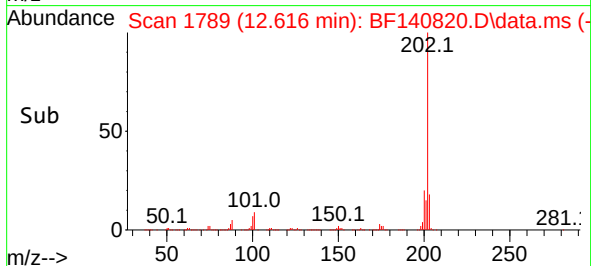
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 1017540
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.5 0.0 37.6

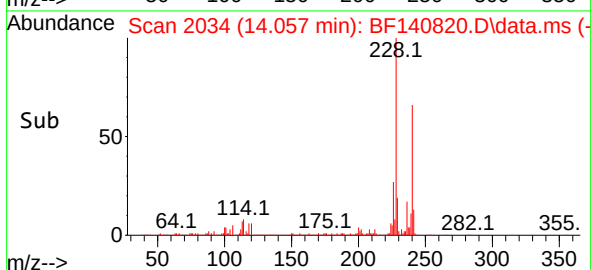
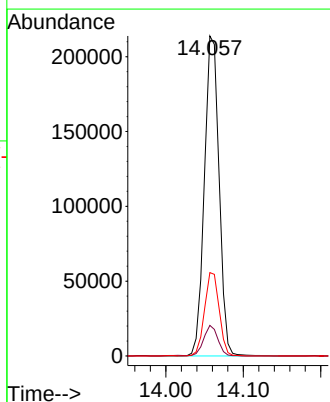
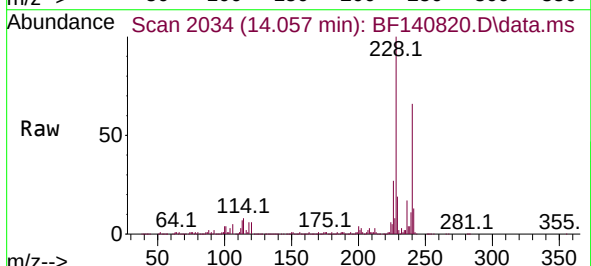
Manual Integrations
APPROVED

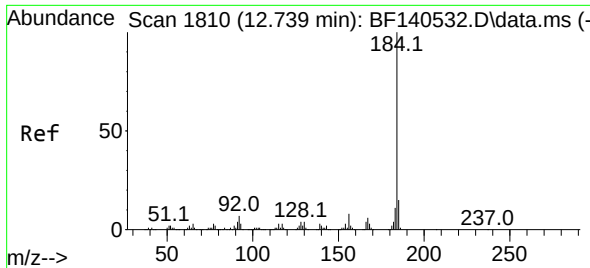
Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:240 Resp: 282099
Ion Ratio Lower Upper
240 100
120 9.5 7.3 10.9
236 26.1 20.6 31.0





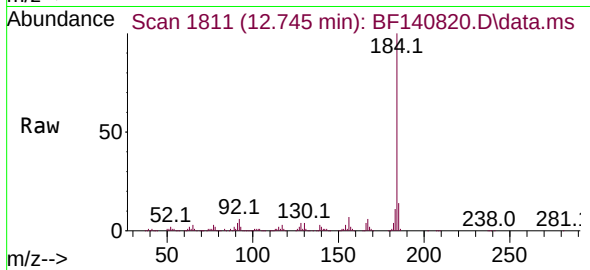
#77
Benzidine
Concen: 42.807 ng
RT: 12.745 min Scan# 1811
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



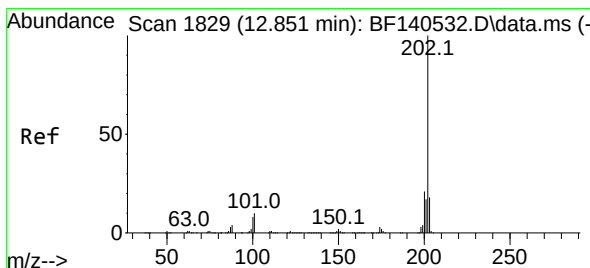
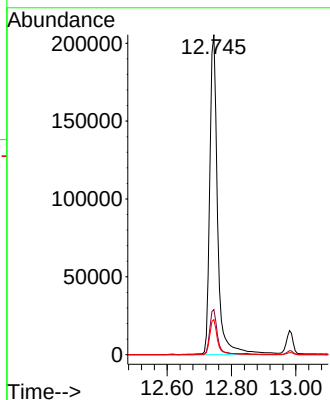
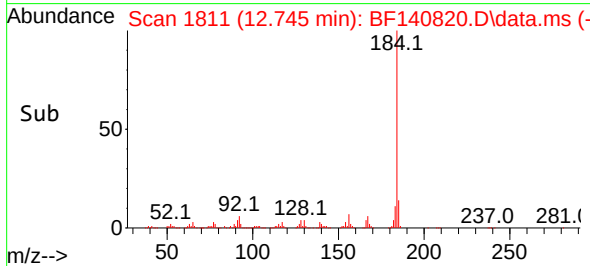
Tgt Ion:184 Resp: 351094
Ion Ratio Lower Upper
184 100
185 14.1 11.7 17.5
183 11.0 8.8 13.2

Manual Integrations

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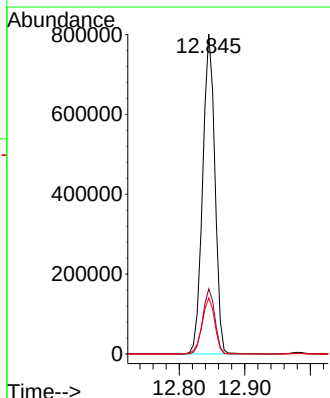
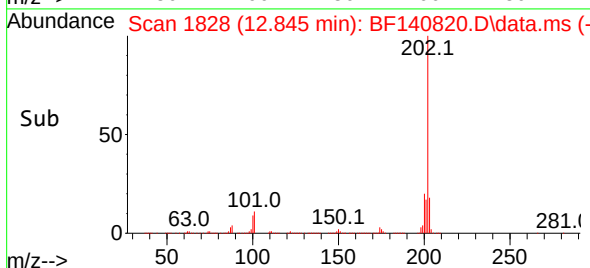
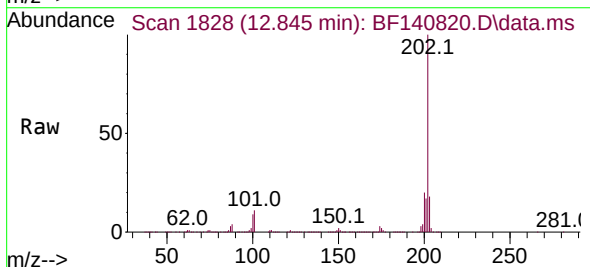
Reviewed By :Yogesh Patel 12/12/2024

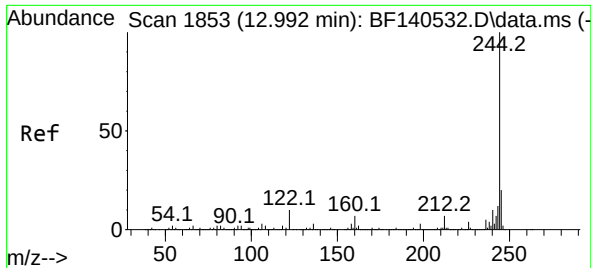
Supervised By :mohammad ahmed 12/12/2024



#78
Pyrene
Concen: 39.811 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:202 Resp: 1038423
Ion Ratio Lower Upper
202 100
200 20.4 16.5 24.7
203 17.5 14.2 21.4





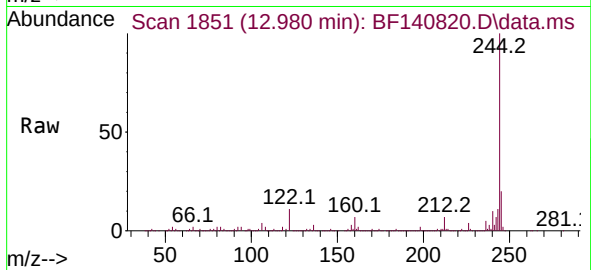
#79
 Terphenyl-d14
 Concen: 79.318 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



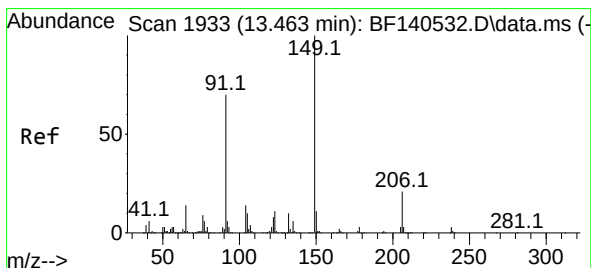
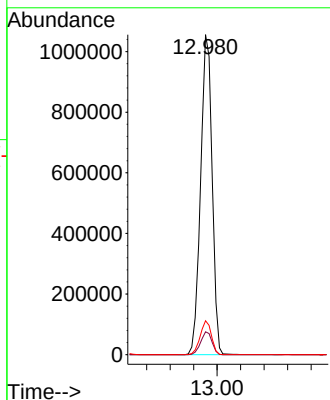
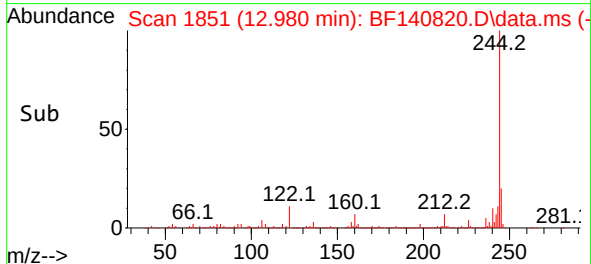
Tgt Ion:244 Resp: 1436970
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 10.6 8.0 12.0

Manual Integrations

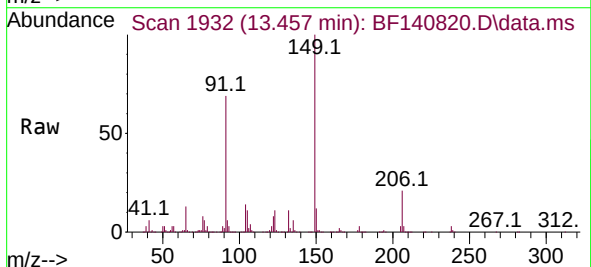
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

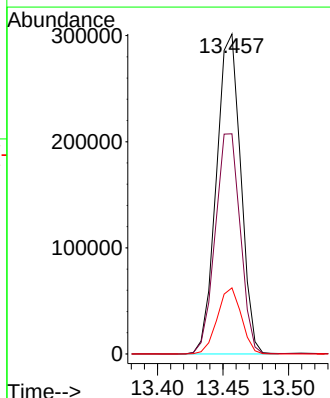
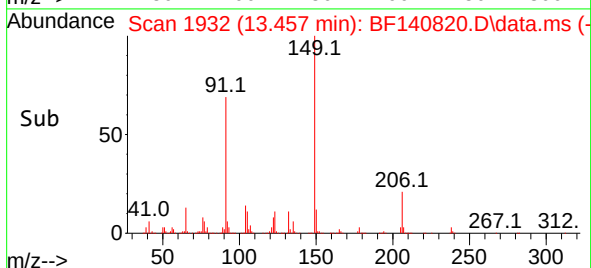
Supervised By :mohammad ahmed 12/12/2024

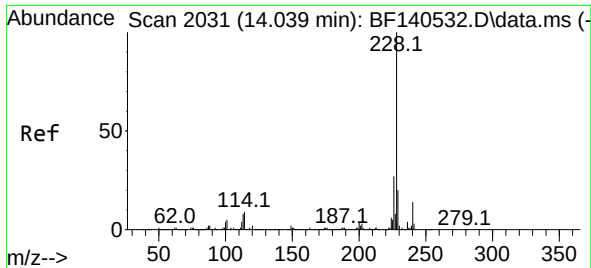


#80
 Butylbenzylphthalate
 Concen: 41.394 ng
 RT: 13.457 min Scan# 1932
 Delta R.T. -0.006 min
 Lab File: BF140820.D
 Acq: 11 Dec 2024 11:12



Tgt Ion:149 Resp: 388951
 Ion Ratio Lower Upper
 149 100
 91 68.8 56.2 84.2
 206 20.6 16.4 24.6





#81
Benzo(a)anthracene
Concen: 43.076 ng
RT: 14.045 min Scan# 2031
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

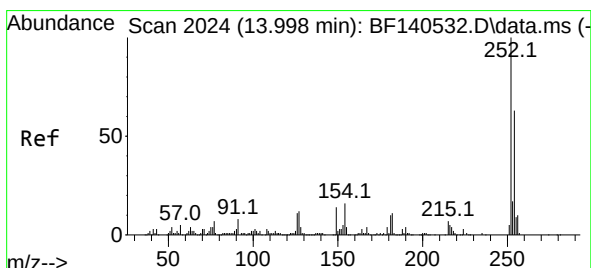
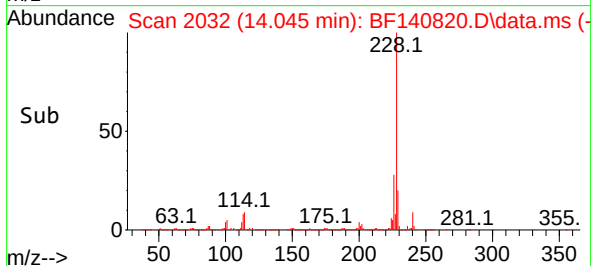
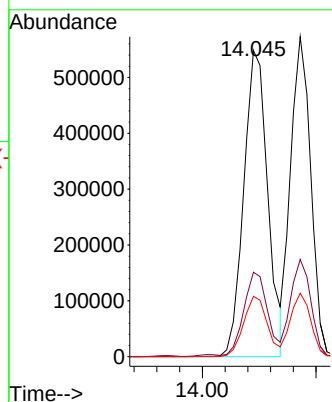
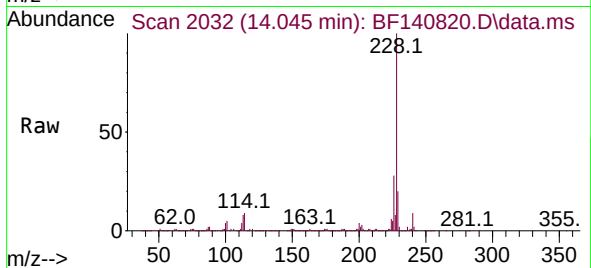
Tgt Ion:228 Resp: 804398
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 19.7 15.8 23.6

Manual Integrations

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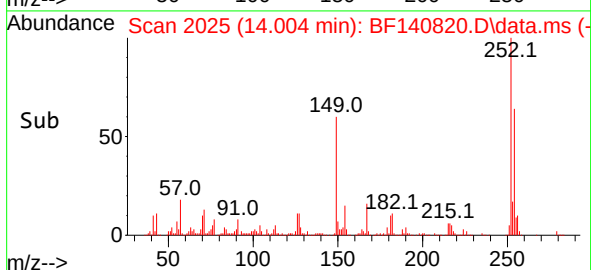
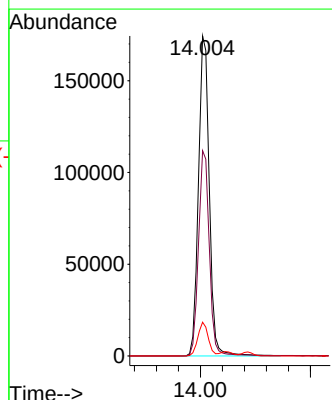
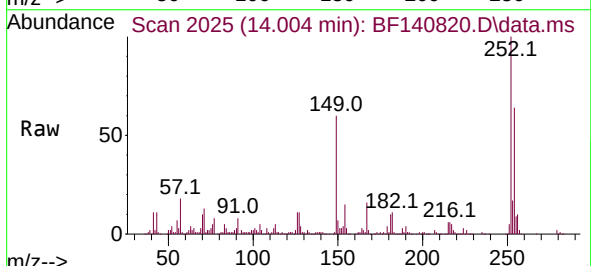
Reviewed By :Yogesh Patel 12/12/2024

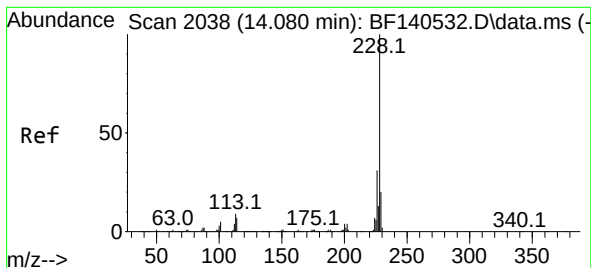
Supervised By :mohammad ahmed 12/12/2024



#82
3,3'-Dichlorobenzidine
Concen: 42.663 ng
RT: 14.004 min Scan# 2025
Delta R.T. 0.006 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:252 Resp: 239195
Ion Ratio Lower Upper
252 100
254 64.1 50.8 76.2
126 10.5 8.6 13.0





#83

Chrysene

Concen: 41.508 ng

RT: 14.086 min Scan# 2038

Delta R.T. 0.006 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

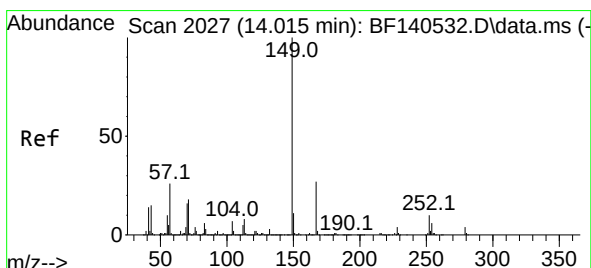
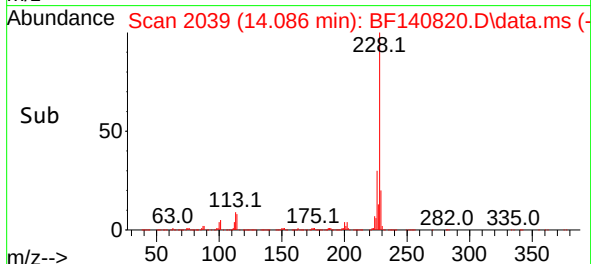
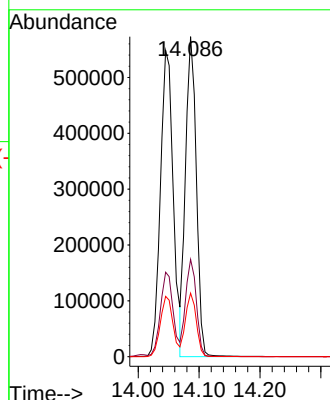
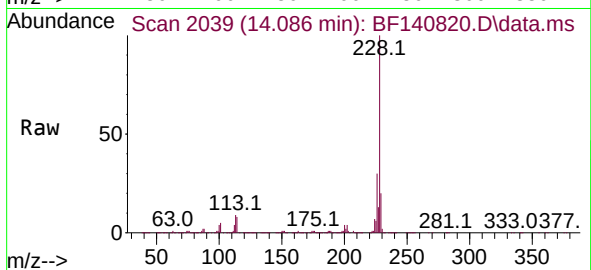
Tgt Ion:228 Resp: 708740
 Ion Ratio Lower Upper
 228 100
 226 30.4 24.4 36.6
 229 19.9 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.201 ng

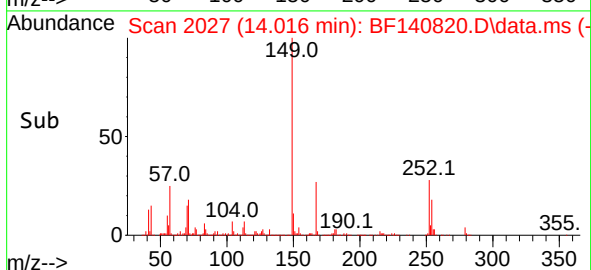
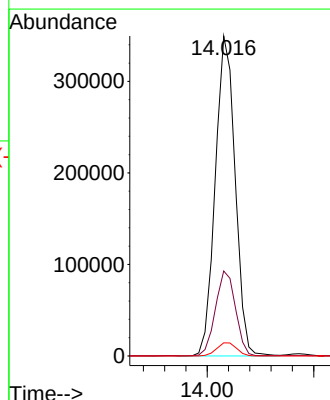
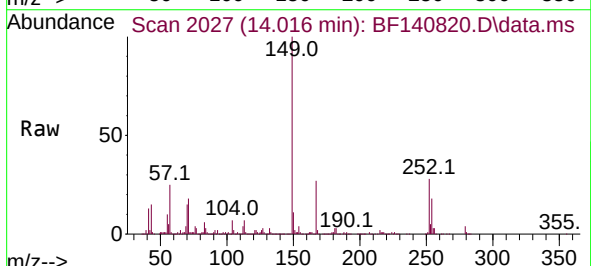
RT: 14.016 min Scan# 2027

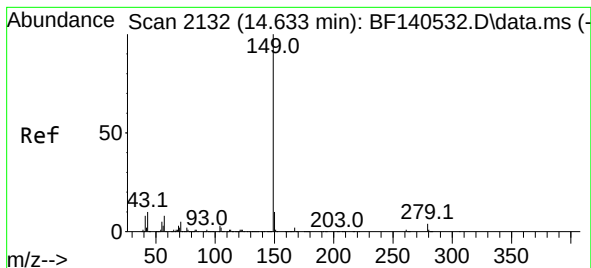
Delta R.T. 0.000 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Tgt Ion:149 Resp: 453252
 Ion Ratio Lower Upper
 149 100
 167 26.6 21.2 31.8
 279 4.1 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 36.632 ng

RT: 14.657 min Scan# 2136

Delta R.T. 0.024 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:149 Resp: 59398

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

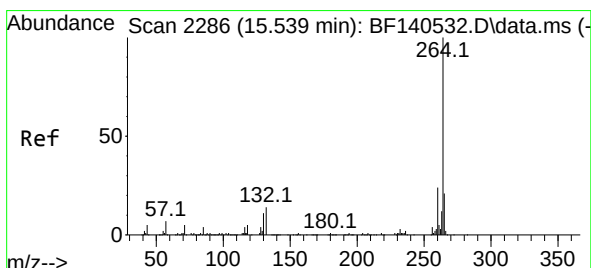
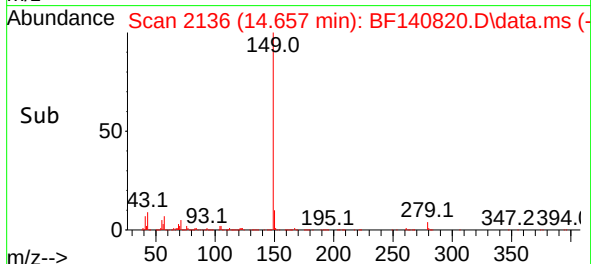
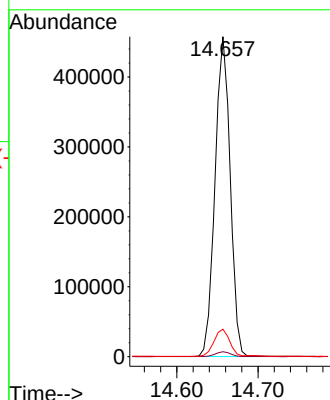
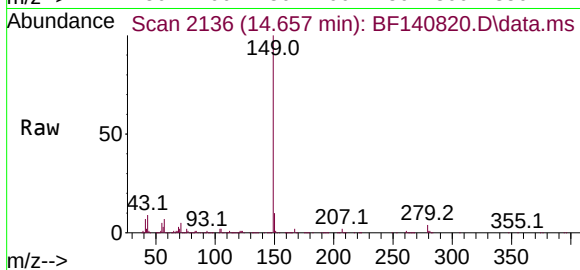
43 8.8 7.7 11.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.574 min Scan# 2292

Delta R.T. 0.035 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

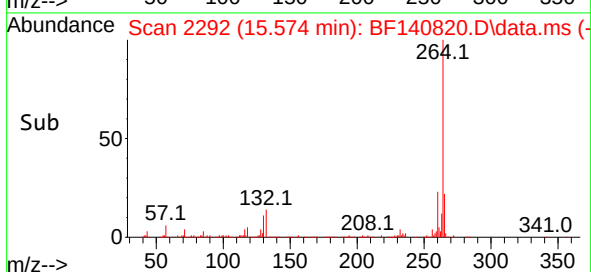
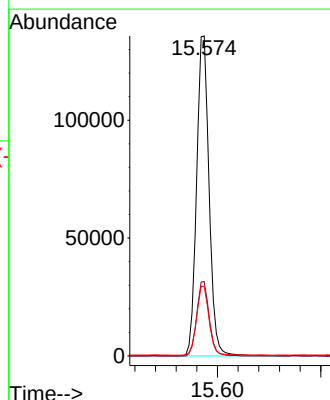
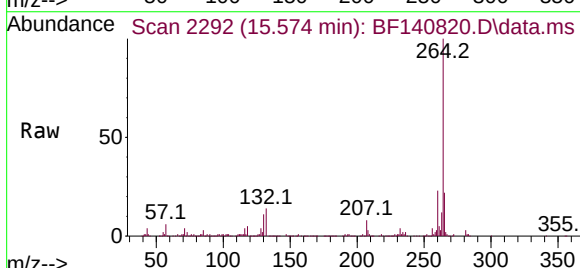
Tgt Ion:264 Resp: 227355

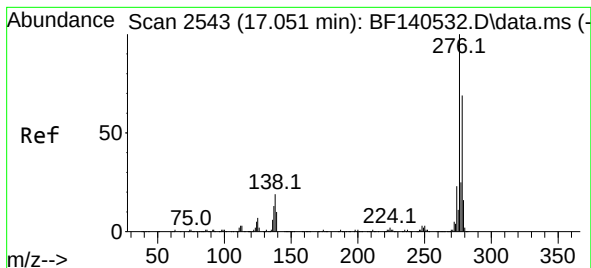
Ion Ratio Lower Upper

264 100

260 23.3 19.0 28.6

265 21.8 16.6 25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.448 ng

RT: 17.104 min Scan# 21

Delta R.T. 0.053 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 62893

Ion Ratio Lower Upper

276 100

138 20.5 15.5 23.3

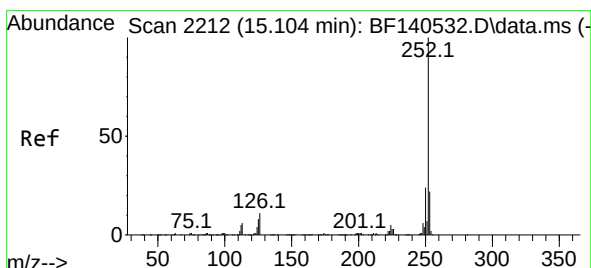
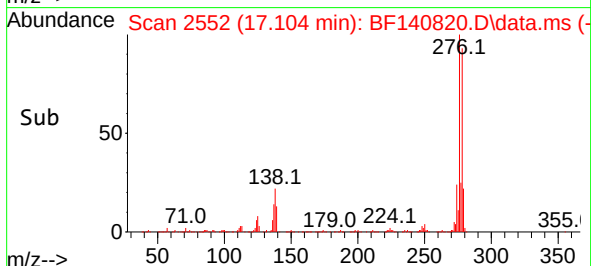
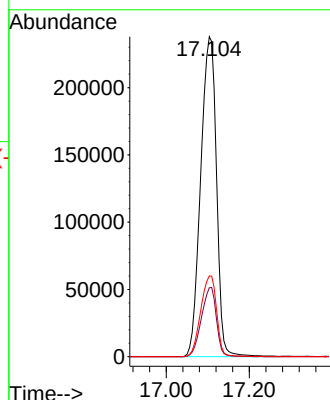
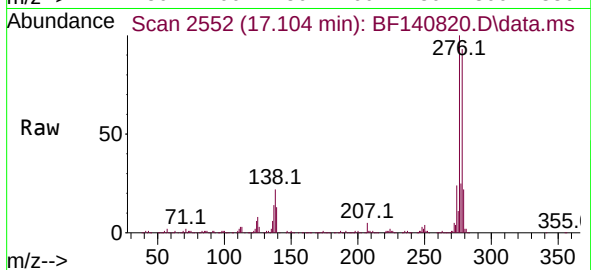
277 25.3 20.1 30.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024

Supervised By :mohammad ahmed 12/12/2024



#88

Benzo(b)fluoranthene

Concen: 46.825 ng

RT: 15.133 min Scan# 2217

Delta R.T. 0.029 min

Lab File: BF140820.D

Acq: 11 Dec 2024 11:12

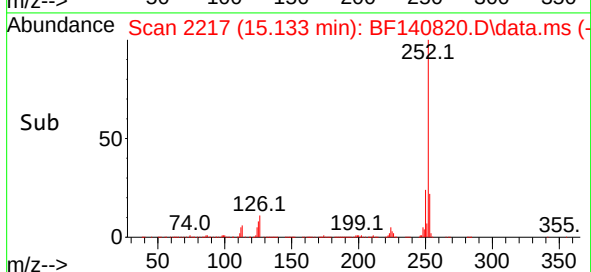
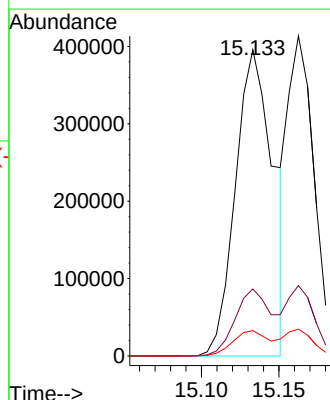
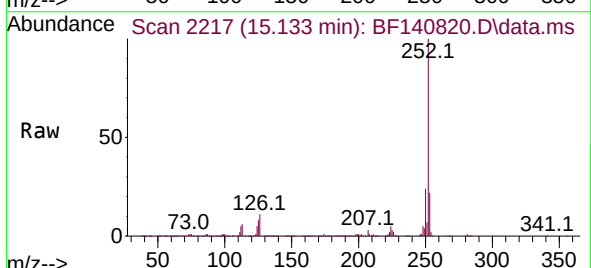
Tgt Ion:252 Resp: 668687

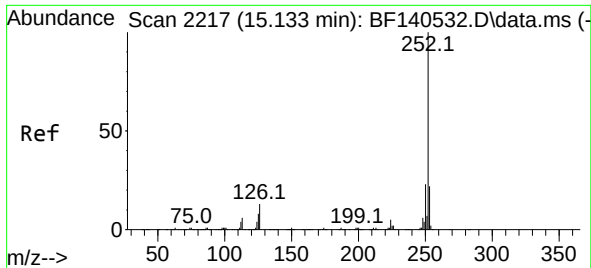
Ion Ratio Lower Upper

252 100

253 21.9 17.2 25.8

125 8.2 6.7 10.1





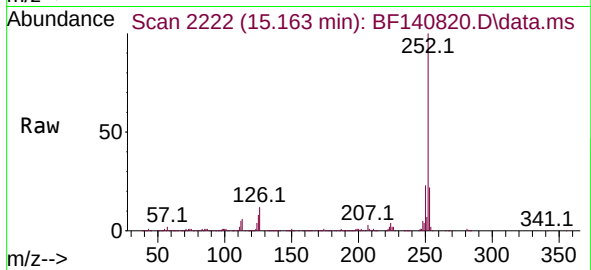
#89
Benzo(k)fluoranthene
Concen: 39.437 ng
RT: 15.163 min Scan# 2217
Delta R.T. 0.029 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



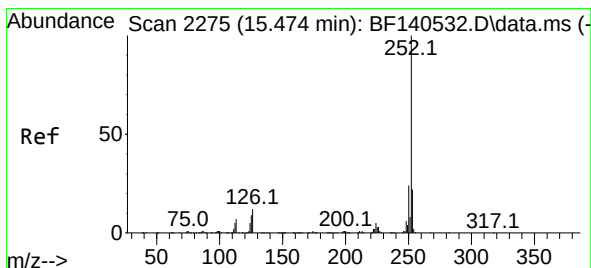
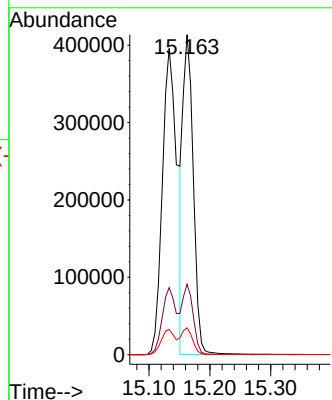
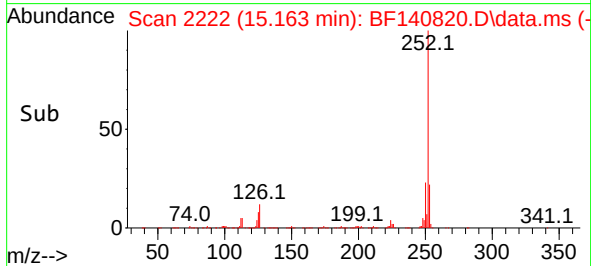
Tgt Ion:252 Resp: 492830
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.4 6.5 9.7

Manual Integrations

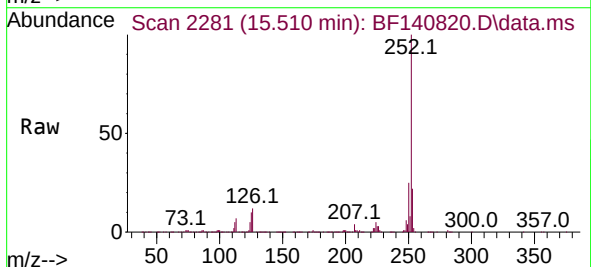
APPROVED

Reviewed By :Yogesh Patel 12/12/2024

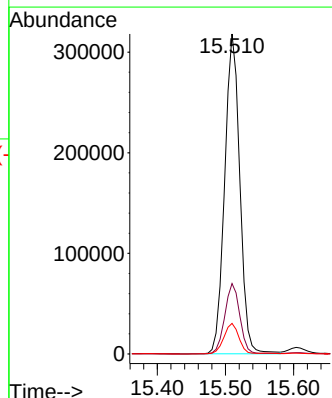
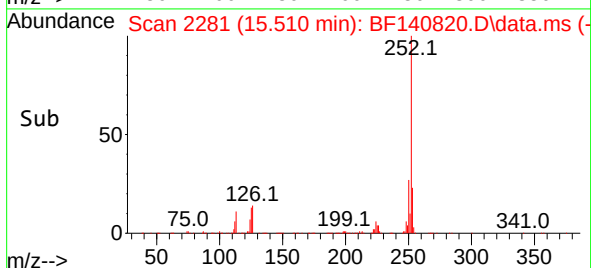
Supervised By :mohammad ahmed 12/12/2024

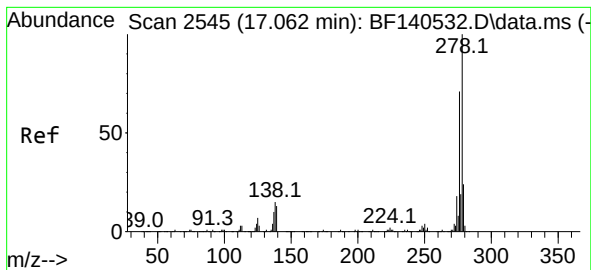


#90
Benzo(a)pyrene
Concen: 42.335 ng
RT: 15.510 min Scan# 2281
Delta R.T. 0.035 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12



Tgt Ion:252 Resp: 491554
Ion Ratio Lower Upper
252 100
253 22.0 17.3 25.9
125 9.6 7.0 10.6





#91
Dibenzo(a,h)anthracene
Concen: 42.961 ng
RT: 17.109 min Scan# 21
Delta R.T. 0.047 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Instrument :

BNA_F

ClientSampleId :

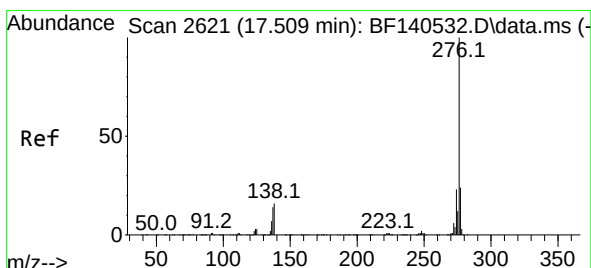
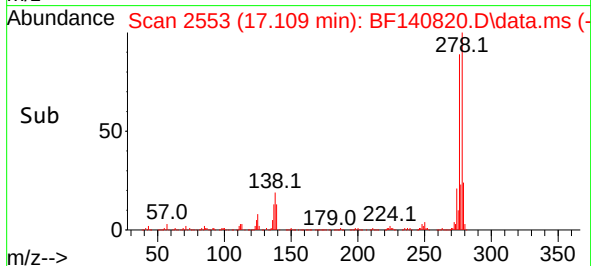
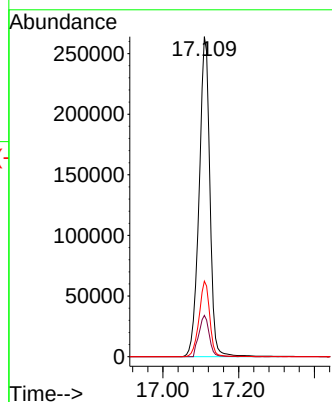
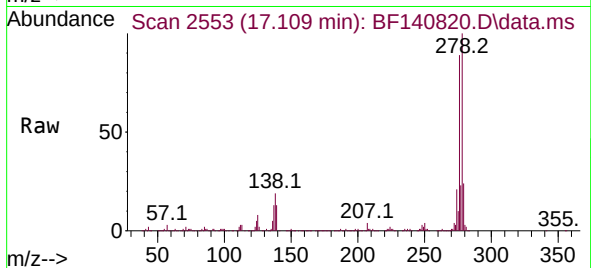
SSTDCCC040

Tgt Ion:278 Resp: 52129
Ion Ratio Lower Upper
278 100
139 12.9 10.2 15.4
279 23.6 18.9 28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/12/2024
Supervised By :mohammad ahmed 12/12/2024



#92
Benzo(g,h,i)perylene
Concen: 43.665 ng
RT: 17.562 min Scan# 2630
Delta R.T. 0.053 min
Lab File: BF140820.D
Acq: 11 Dec 2024 11:12

Tgt Ion:276 Resp: 540667
Ion Ratio Lower Upper
276 100
277 23.7 18.9 28.3
138 17.7 13.2 19.8

