

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121923\
 Data File : BF136634.D
 Acq On : 19 Dec 2023 17:09
 Operator : CG\JU
 Sample : SSTDICCC040
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

Quant Time: Dec 20 04:12:59 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 20 04:11:31 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	75706	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	303454	20.000	ng	0.00
39) Acenaphthene-d10	9.827	164	160892	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	293535	20.000	ng	0.00
76) Chrysene-d12	13.974	240	148300	20.000	ng	0.00
86) Perylene-d12	15.451	264	129733	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	386175	79.197	ng	0.00
7) Phenol-d6	6.445	99	495582	79.409	ng	0.00
23) Nitrobenzene-d5	7.363	82	474546	81.207	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	148885	79.356	ng	0.00
45) 2-Fluorobiphenyl	9.151	172	939595	79.788	ng	0.00
79) Terphenyl-d14	12.916	244	890094	84.518	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	79274	39.609	ng	100
3) Pyridine	3.316	79	193241	39.344	ng	100
4) n-Nitrosodimethylamine	3.287	42	105049	39.596	ng	100
6) Aniline	6.463	93	245714	39.572	ng	100
8) 2-Chlorophenol	6.587	128	213578	40.062	ng	100
9) Benzaldehyde	6.351	77	138856	37.052	ng	100
10) Phenol	6.457	94	260433	39.145	ng	100
11) bis(2-Chloroethyl)ether	6.539	93	210669	41.047	ng	100
12) 1,3-Dichlorobenzene	6.739	146	229692	39.707	ng	100
13) 1,4-Dichlorobenzene	6.816	146	231723	39.455	ng	100
14) 1,2-Dichlorobenzene	6.969	146	216097	39.422	ng	100
15) Benzyl Alcohol	6.945	79	176708	40.663	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.069	45	338835	40.355	ng	100
17) 2-Methylphenol	7.057	107	174334	40.186	ng	100
18) Hexachloroethane	7.304	117	86395	40.507	ng	100
19) n-Nitroso-di-n-propyla...	7.216	70	155613	40.217	ng	100
20) 3+4-Methylphenols	7.210	107	216331	39.602	ng	100
22) Acetophenone	7.204	105	302240	39.811	ng	100
24) Nitrobenzene	7.381	77	239204	40.323	ng	100
25) Isophorone	7.616	82	442593	40.602	ng	100
26) 2-Nitrophenol	7.692	139	115994	41.266	ng	100
27) 2,4-Dimethylphenol	7.734	122	140217	39.717	ng	100
28) bis(2-Chloroethoxy)met...	7.828	93	268609	40.714	ng	100
29) 2,4-Dichlorophenol	7.939	162	178520	40.791	ng	100
30) 1,2,4-Trichlorobenzene	8.016	180	199964	40.605	ng	100
31) Naphthalene	8.098	128	668858	40.340	ng	100
32) Benzoic acid	7.869	122	137973m	41.662	ng	
33) 4-Chloroaniline	8.151	127	249983	40.511	ng	100
34) Hexachlorobutadiene	8.210	225	122523	40.696	ng	100
35) Caprolactam	8.528	113	56543	38.641	ng	100
36) 4-Chloro-3-methylphenol	8.633	107	204673	41.084	ng	100
37) 2-Methylnaphthalene	8.786	142	430607	40.414	ng	100
38) 1-Methylnaphthalene	8.886	142	422147	40.206	ng	100
40) 1,2,4,5-Tetrachloroben...	8.951	216	199612	40.884	ng	100
41) Hexachlorocyclopentadiene	8.933	237	62748	40.944	ng	100
43) 2,4,6-Trichlorophenol	9.069	196	131764	41.151	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	146812	41.593	ng	100
46) 1,1'-Biphenyl	9.251	154	544859	40.509	ng	100
47) 2-Chloronaphthalene	9.280	162	414573	40.816	ng	100
48) 2-Nitroaniline	9.375	65	129116	40.203	ng	100
49) Acenaphthylene	9.692	152	630611	40.428	ng	100
50) Dimethylphthalate	9.557	163	458757	39.761	ng	100
51) 2,6-Dinitrotoluene	9.622	165	103370	39.318	ng	100
52) Acenaphthene	9.863	154	384084	39.822	ng	100
53) 3-Nitroaniline	9.792	138	111199	39.367	ng	100
54) 2,4-Dinitrophenol	9.898	184	56300	41.985	ng	100
55) Dibenzofuran	10.039	168	582961	40.090	ng	100
56) 4-Nitrophenol	9.957	139	79058	41.037	ng	100
57) 2,4-Dinitrotoluene	10.027	165	136142	40.217	ng	100
58) Fluorene	10.380	166	456837	39.577	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.157	232	109651	39.904	ng	100
60) Diethylphthalate	10.257	149	473233	39.445	ng	100
61) 4-Chlorophenyl-phenyle...	10.374	204	220658	39.692	ng	100
62) 4-Nitroaniline	10.410	138	110081	39.390	ng	100
63) Azobenzene	10.533	77	453147	40.429	ng	100
65) 4,6-Dinitro-2-methylph...	10.439	198	76335	44.045	ng	100
66) n-Nitrosodiphenylamine	10.498	169	396599	41.113	ng	100
67) 4-Bromophenyl-phenylether	10.863	248	137765	41.992	ng	100
68) Hexachlorobenzene	10.927	284	151974	41.516	ng	100
69) Atrazine	11.022	200	80025	34.914	ng	100
70) Pentachlorophenol	11.127	266	78120	43.906	ng	100
71) Phenanthrene	11.345	178	609943	40.229	ng	100
72) Anthracene	11.398	178	618490	40.349	ng	100
73) Carbazole	11.557	167	569307	39.646	ng	100
74) Di-n-butylphthalate	11.886	149	708139	40.361	ng	100
75) Fluoranthene	12.539	202	631508	39.085	ng	100
77) Benzidine	12.663	184	160370	39.112	ng	100
78) Pyrene	12.768	202	638843	43.668	ng	100
80) Butylbenzylphthalate	13.392	149	221947	42.734	ng	100
81) Benzo(a)anthracene	13.963	228	419168	40.767	ng	100
82) 3,3'-Dichlorobenzidine	13.927	252	115163	41.356	ng	100
83) Chrysene	13.998	228	408101	41.081	ng	100
84) Bis(2-ethylhexyl)phtha...	13.957	149	281459	43.356	ng	100
85) Di-n-octyl phthalate	14.574	149	438560	43.347	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	403774	43.772	ng	100
88) Benzo(b)fluoranthene	15.015	252	361299	41.474	ng	100
89) Benzo(k)fluoranthene	15.045	252	317924	39.022	ng	100
90) Benzo(a)pyrene	15.386	252	298395	40.532	ng	100
91) Dibenzo(a,h)anthracene	16.974	278	332242	43.929	ng	100
92) Benzo(g,h,i)perylene	17.409	276	346138	44.478	ng	100

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

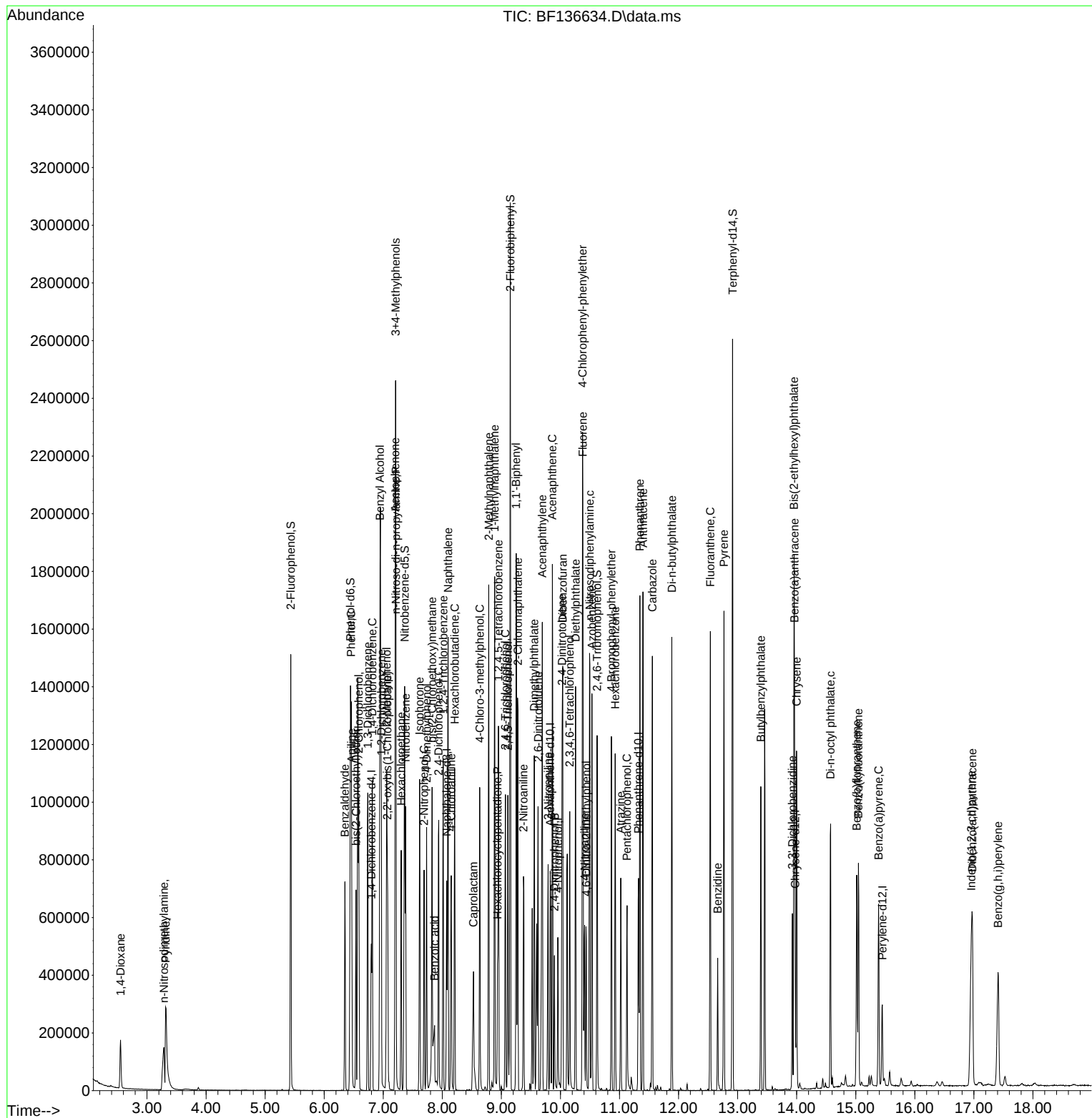
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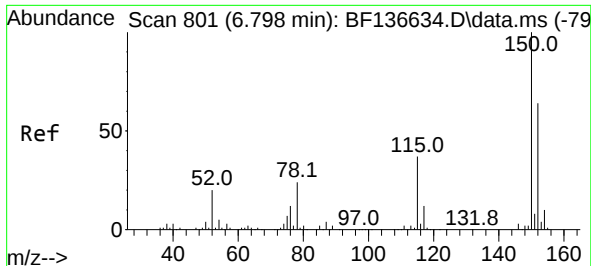
Instrument :
BNA_F
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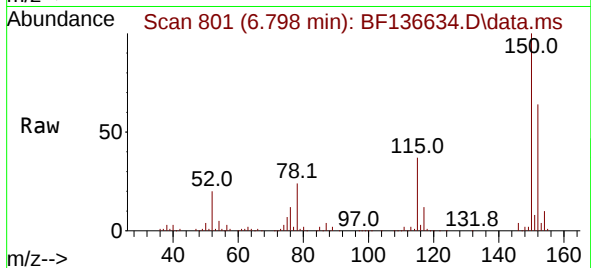
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF136634.D
 Acq: 19 Dec 2023 17:09

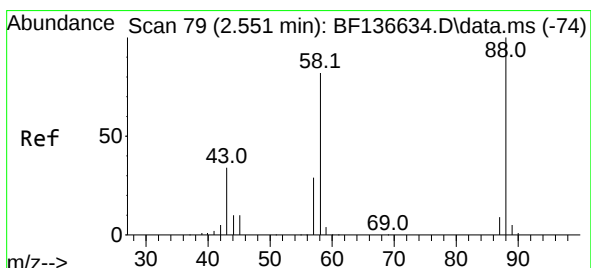
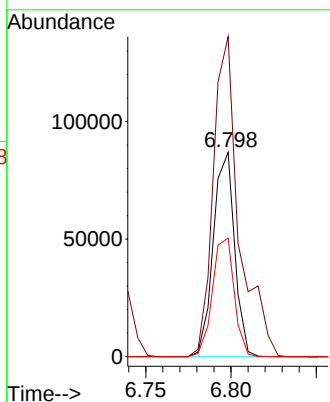
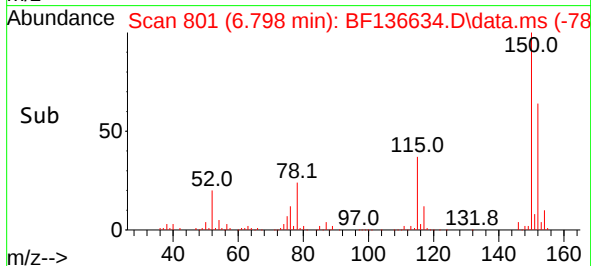
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICCC040



Tgt Ion:152 Resp: 75700
 Ion Ratio Lower Upper
 152 100
 150 156.6 125.3 187.9
 115 58.0 46.4 69.6

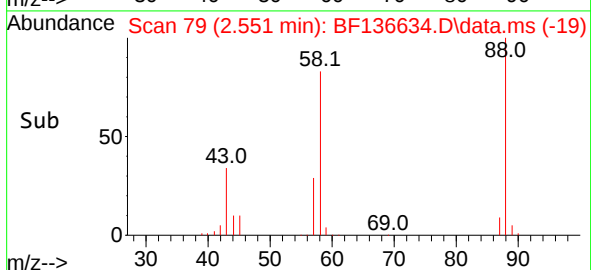
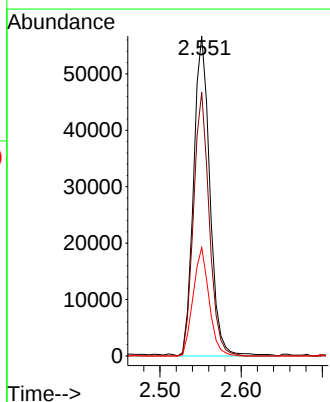
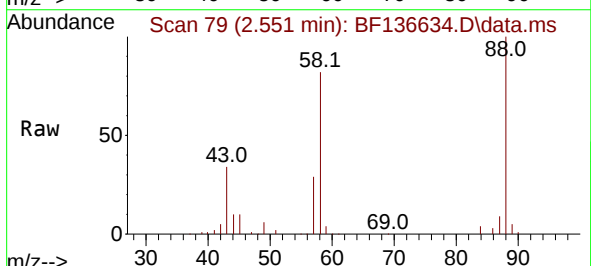
Manual Integrations
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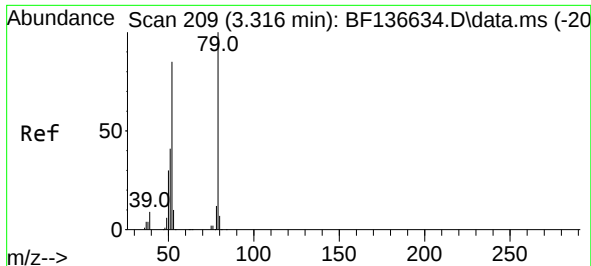
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#2
 1,4-Dioxane
 Concen: 39.609 ng
 RT: 2.551 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF136634.D
 Acq: 19 Dec 2023 17:09

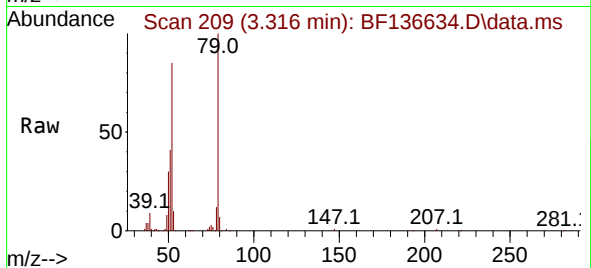
Tgt Ion: 88 Resp: 79274
 Ion Ratio Lower Upper
 88 100
 58 79.1 63.3 94.9
 43 33.0 26.4 39.6





#3
Pyridine
Concen: 39.344 ng
RT: 3.316 min Scan# 209
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

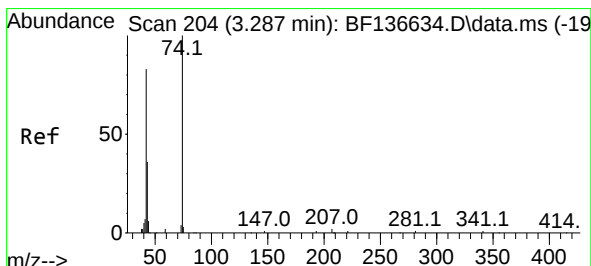
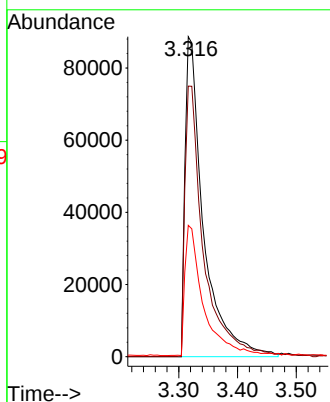
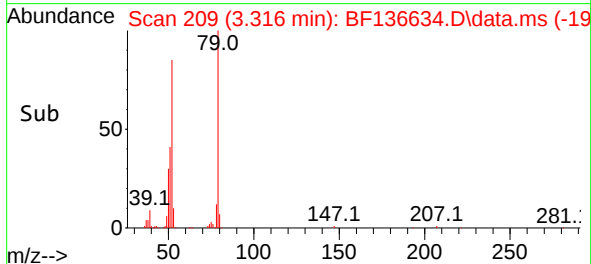
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



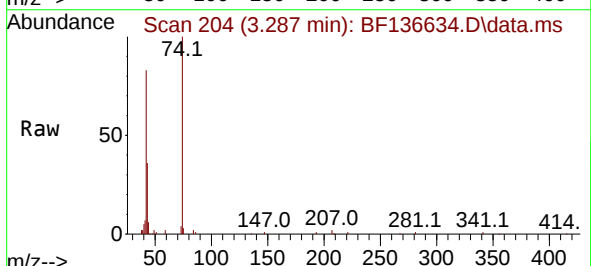
Tgt Ion: 79 Resp: 19324
Ion Ratio Lower Upper
79 100
52 84.5 67.6 101.4
51 41.1 32.9 49.3

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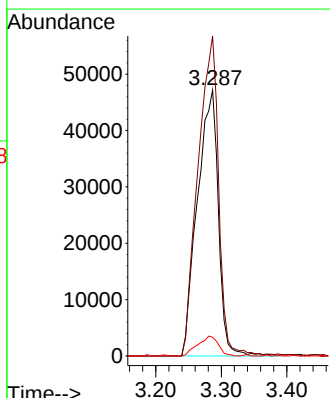
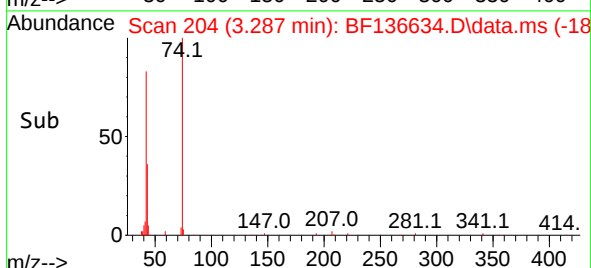
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

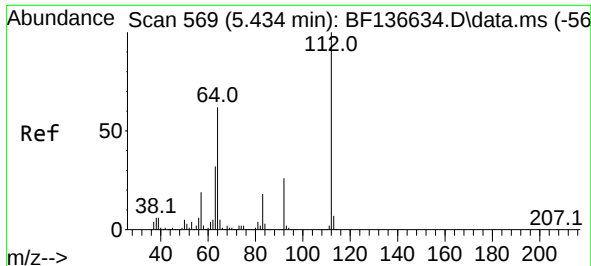


#4
n-Nitrosodimethylamine
Concen: 39.596 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



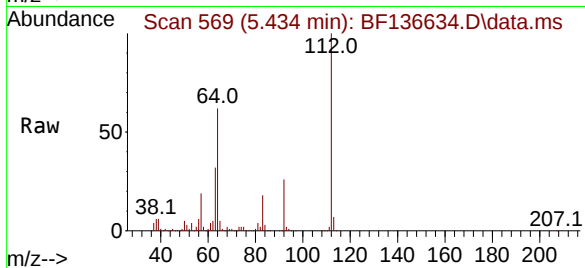
Tgt Ion: 42 Resp: 105049
Ion Ratio Lower Upper
42 100
74 120.3 96.2 144.4
44 7.1 5.7 8.5





#5
2-Fluorophenol
Concen: 79.197 ng
RT: 5.434 min Scan# 569
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

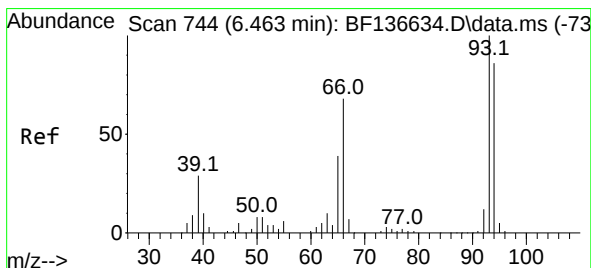
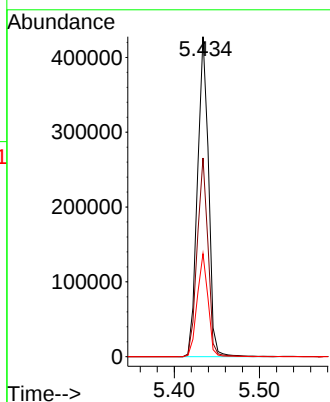
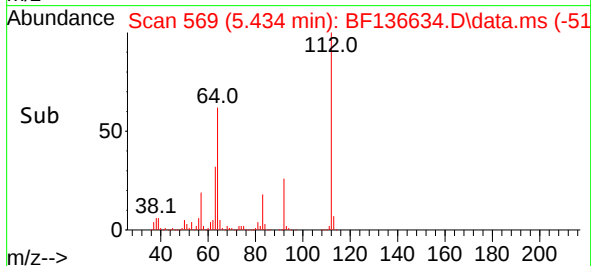
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion: 112 Resp: 386179
Ion Ratio Lower Upper
112 100
64 62.1 49.7 74.5
63 32.2 25.8 38.6

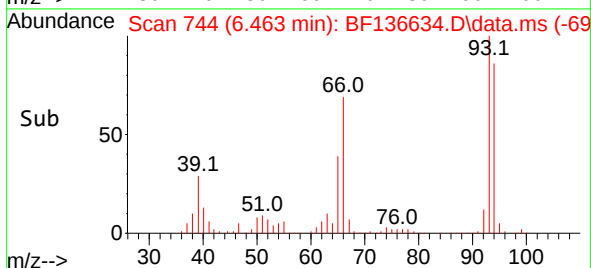
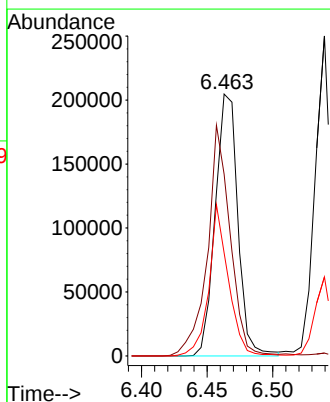
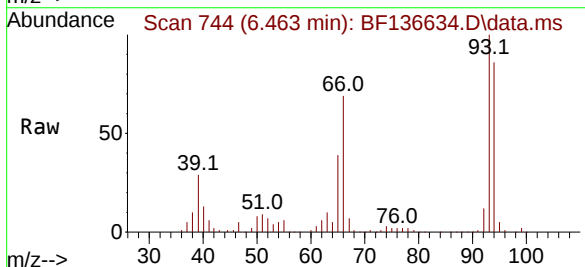
Manual Integrations
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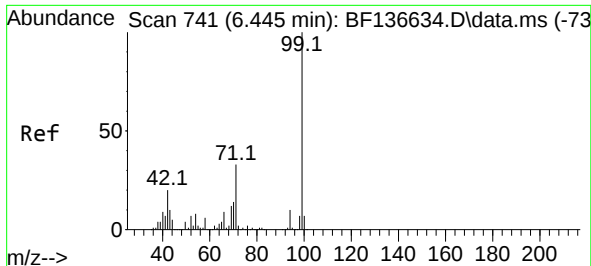
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#6
Aniline
Concen: 39.572 ng
RT: 6.463 min Scan# 744
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Tgt Ion: 93 Resp: 245714
Ion Ratio Lower Upper
93 100
66 69.4 55.5 83.3
65 39.4 31.5 47.3





#7

Phenol-d6

Concen: 79.409 ng

RT: 6.445 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF136634.D

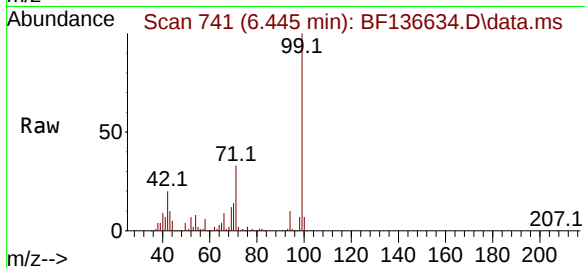
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Instrument :

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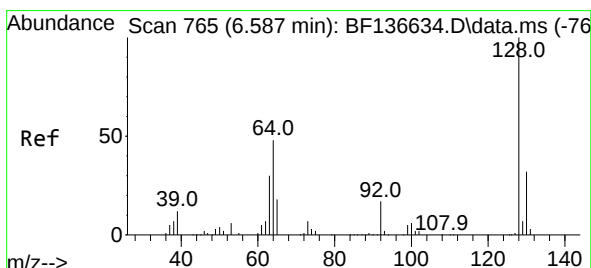
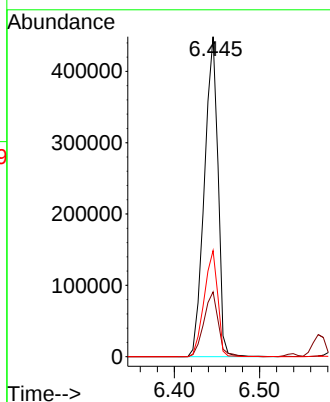
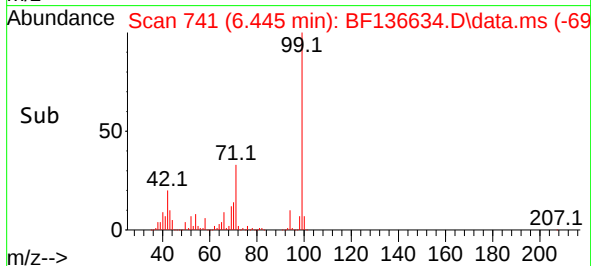
Tgt Ion:	99	Resp:	49558
Ion	Ratio	Lower	Upper
99	100		
42	20.3	16.2	24.4
71	33.2	26.6	39.8

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#8

2-Chlorophenol

Concen: 40.062 ng

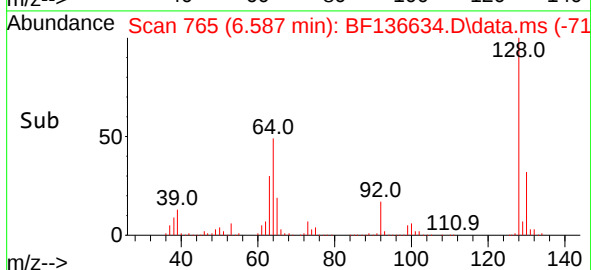
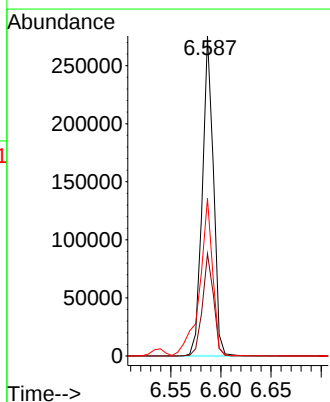
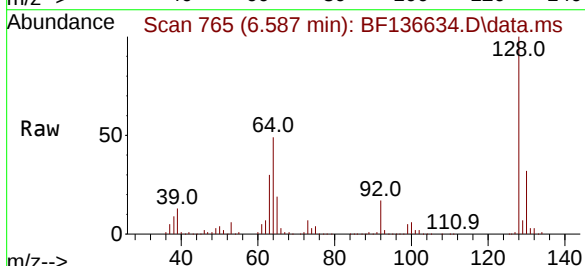
RT: 6.587 min Scan# 765

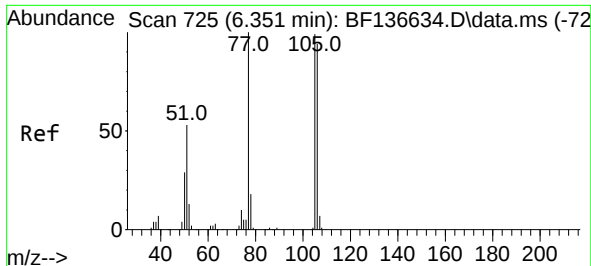
Delta R.T. 0.000 min

Lab File: BF136634.D

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Tgt Ion:	128	Resp:	213578
Ion	Ratio	Lower	Upper
128	100		
130	32.0	12.0	52.0
64	49.2	29.2	69.2





#9

Benzaldehyde

Concen: 37.052 ng

RT: 6.351 min Scan# 71

Delta R.T. 0.000 min

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BNA_F

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SSTDICCC040

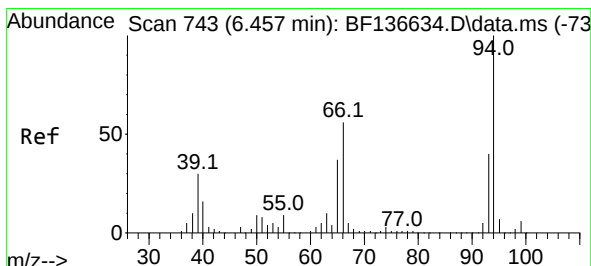
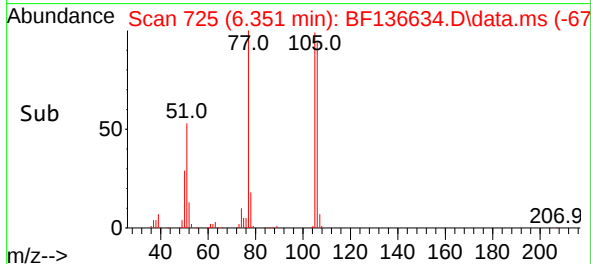
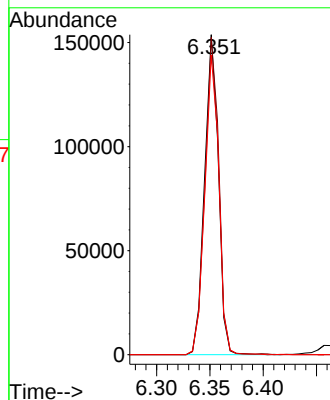
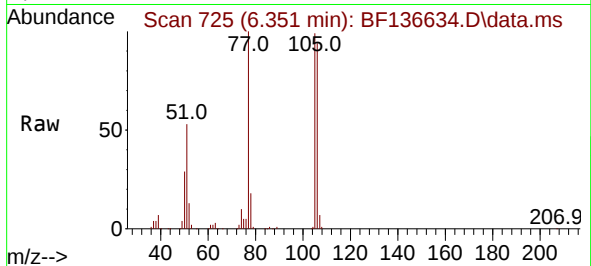
Tgt Ion: 77	Resp: 13885
Ion Ratio	Lower Upper
77 100	
105 99.2	79.2 119.2
106 93.6	73.6 113.6

Manual Integrations

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Supervised By :mohammad ahmed 12/20/2023



#10

Phenol

Concen: 39.145 ng

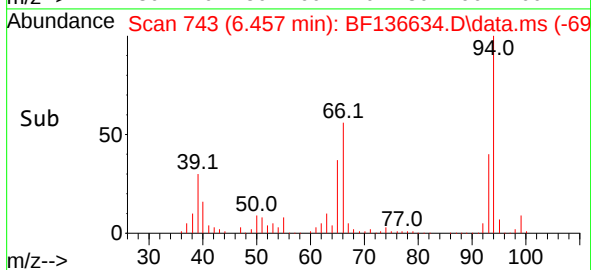
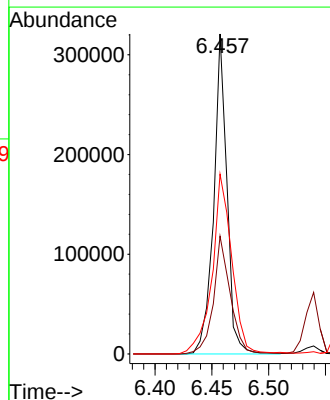
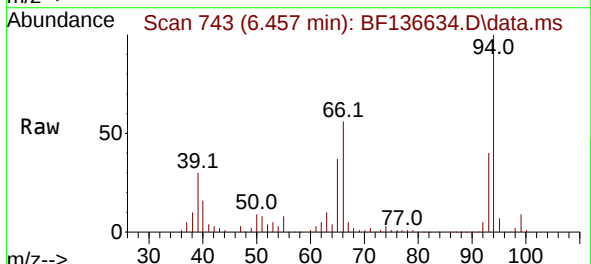
RT: 6.457 min Scan# 743

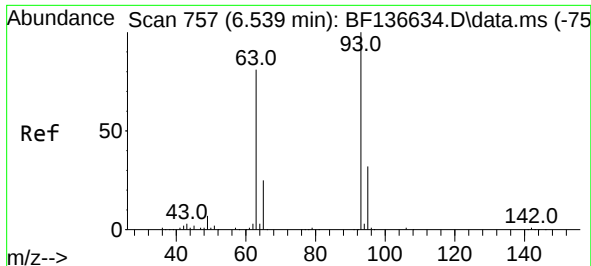
Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Tgt Ion: 94	Resp: 260433
Ion Ratio	Lower Upper
94 100	
65 36.8	16.8 56.8
66 56.2	36.2 76.2





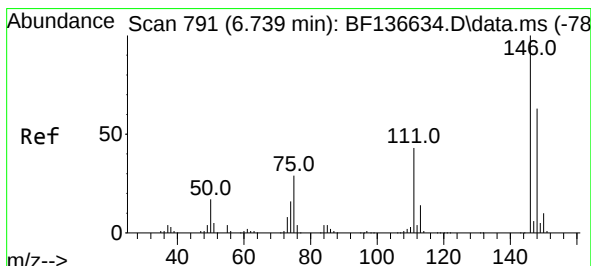
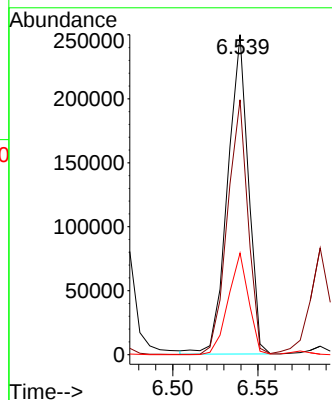
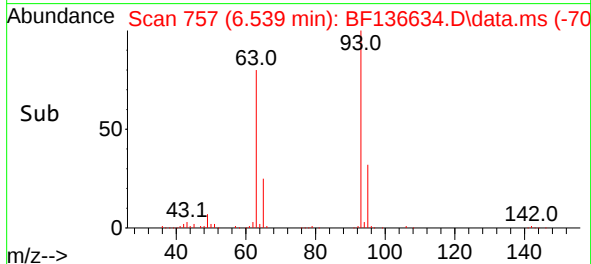
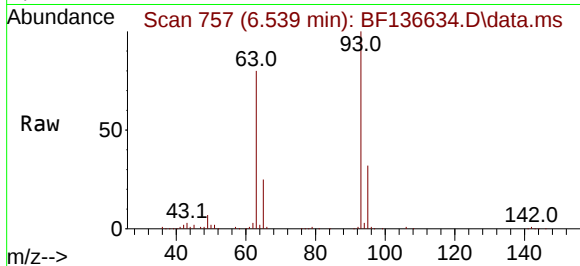
#11
bis(2-Chloroethyl)ether
Concen: 41.047 ng
RT: 6.539 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion: 93 Resp: 210669
Ion Ratio Lower Upper
93 100
63 79.7 59.7 99.7
95 31.8 11.8 51.8

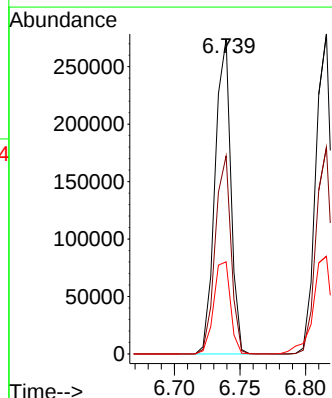
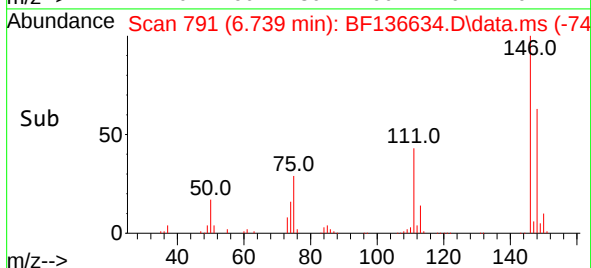
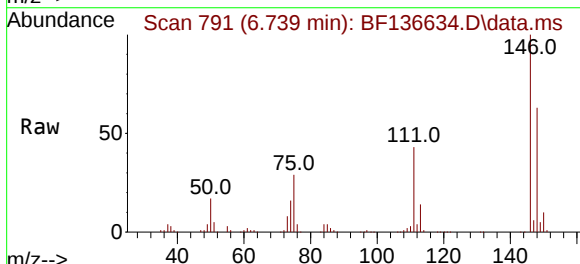
Manual Integrations
APPROVED

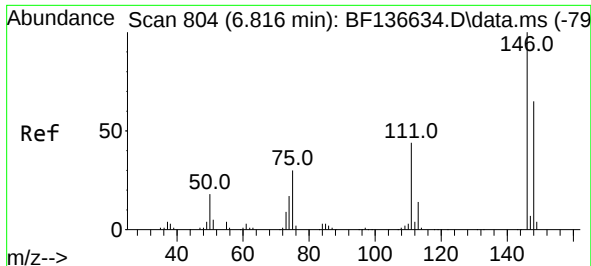
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#12
1,3-Dichlorobenzene
Concen: 39.707 ng
RT: 6.739 min Scan# 791
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Tgt Ion:146 Resp: 229692
Ion Ratio Lower Upper
146 100
148 62.9 50.3 75.5
75 29.3 23.4 35.2





#13

1,4-Dichlorobenzene

Concen: 39.455 ng

RT: 6.816 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:146 Resp: 23172

Ion Ratio Lower Upper

146 100

148 64.6 51.7 77.5

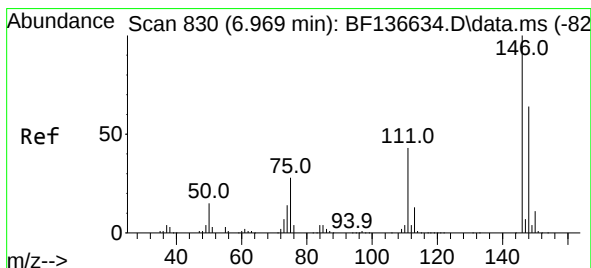
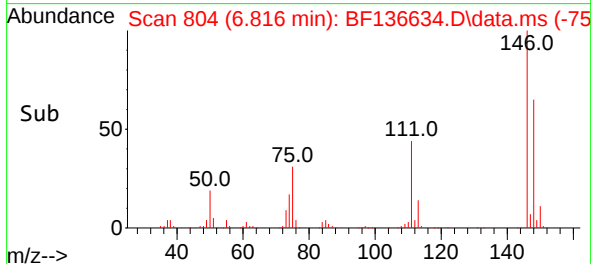
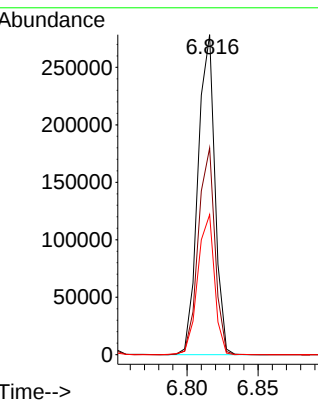
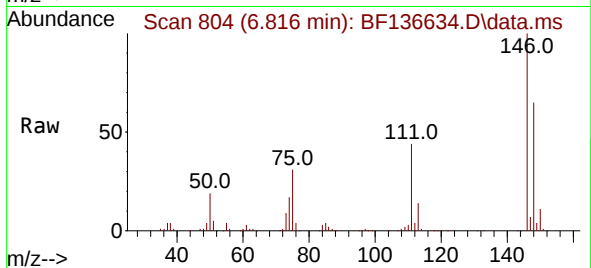
111 43.7 35.0 52.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#14

1,2-Dichlorobenzene

Concen: 39.422 ng

RT: 6.969 min Scan# 830

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

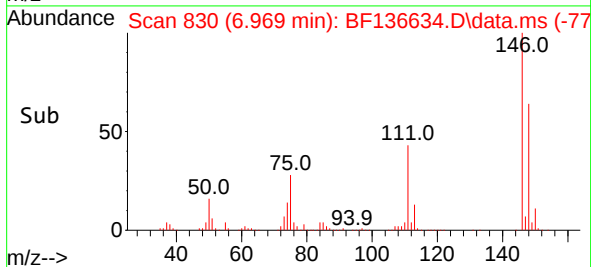
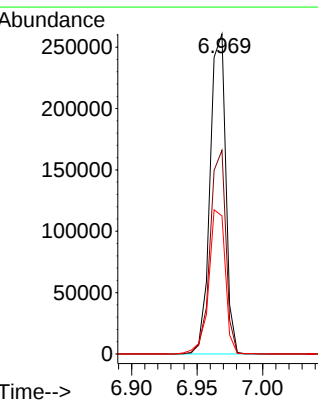
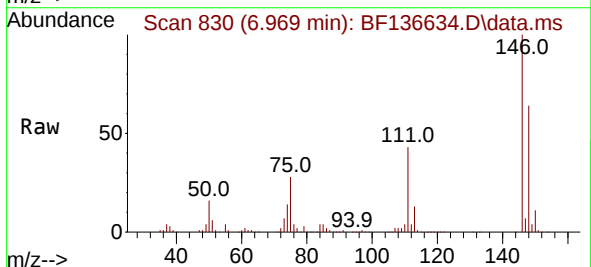
Tgt Ion:146 Resp: 216097

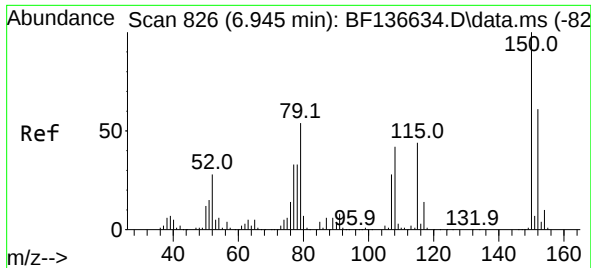
Ion Ratio Lower Upper

146 100

148 63.6 50.9 76.3

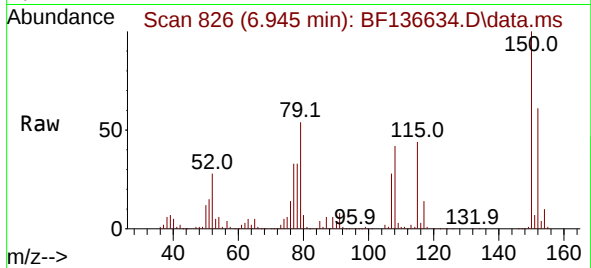
111 43.1 34.5 51.7





#15
Benzyl Alcohol
Concen: 40.663 ng
RT: 6.945 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

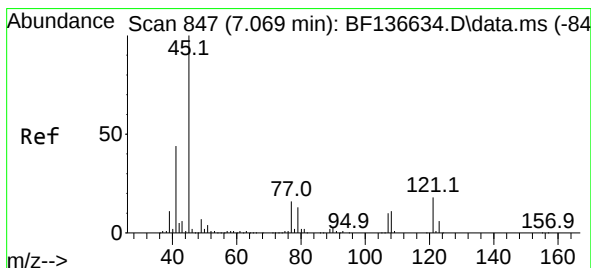
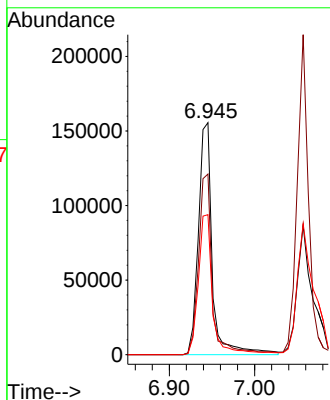
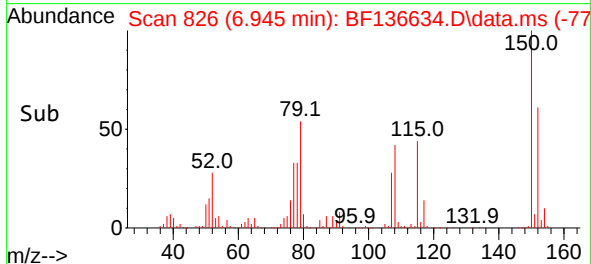
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



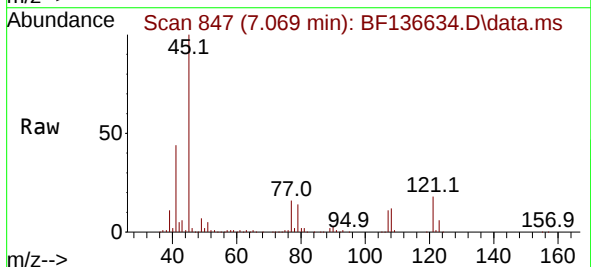
Tgt Ion: 79 Resp: 176708
Ion Ratio Lower Upper
79 100
108 77.9 62.3 93.5
77 60.4 48.3 72.5

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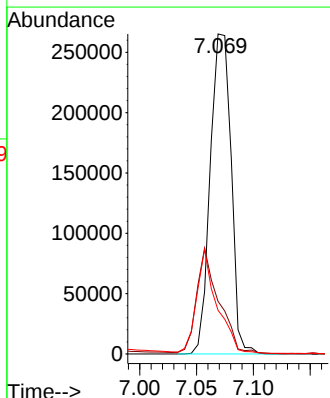
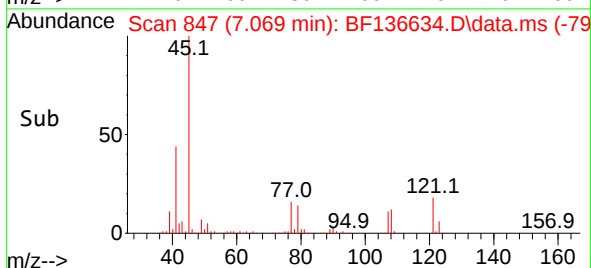
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

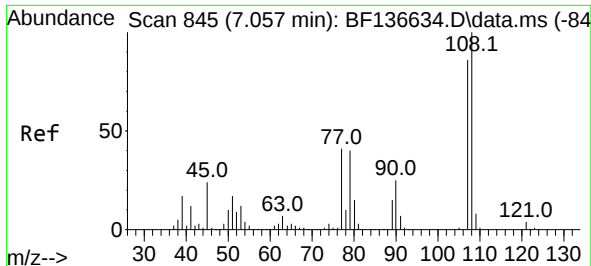


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.355 ng
RT: 7.069 min Scan# 847
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



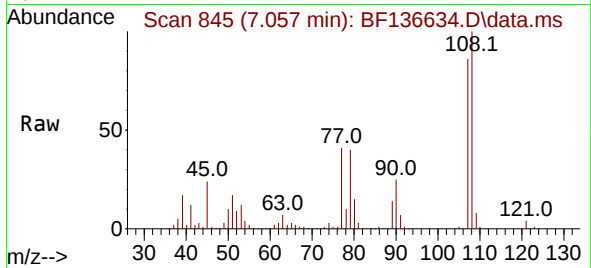
Tgt Ion: 45 Resp: 338835
Ion Ratio Lower Upper
45 100
77 16.5 0.0 36.5
79 13.7 0.0 33.7





#17
2-Methylphenol
Concen: 40.186 ng
RT: 7.057 min Scan# 845
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

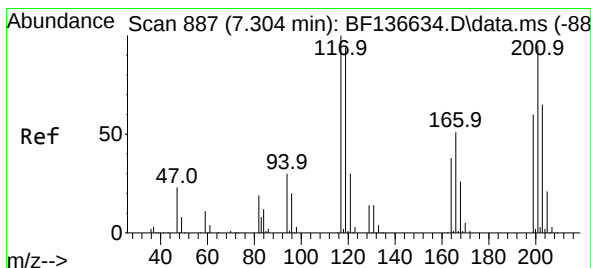
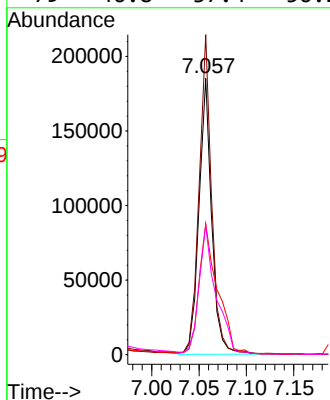
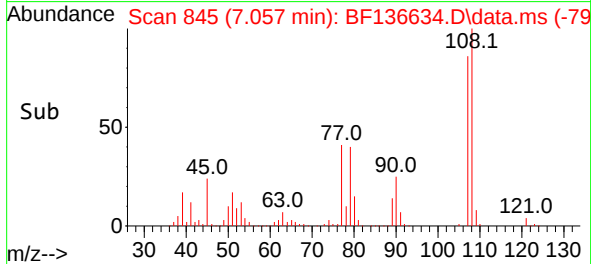
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



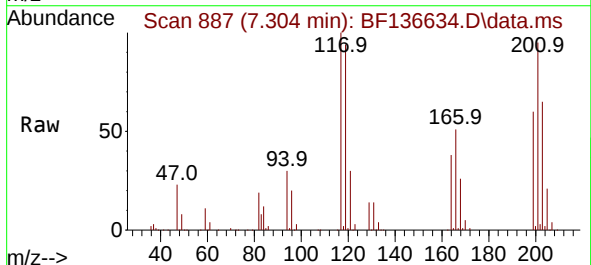
Tgt Ion:107 Resp: 174334
Ion Ratio Lower Upper
107 100
108 115.8 92.6 139.0
77 47.4 37.9 56.9
79 46.8 37.4 56.2

Manual Integrations
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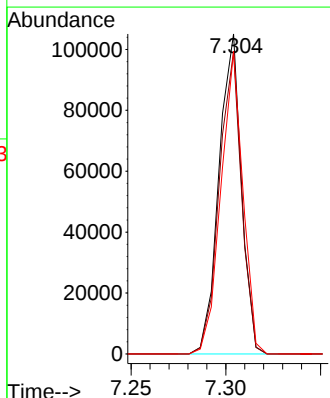
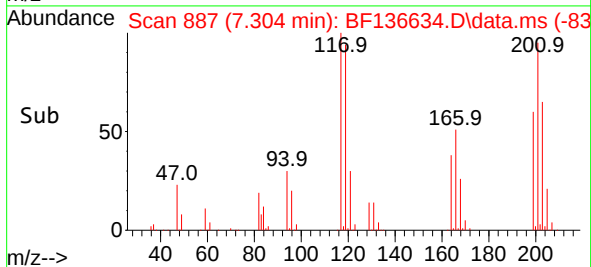
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

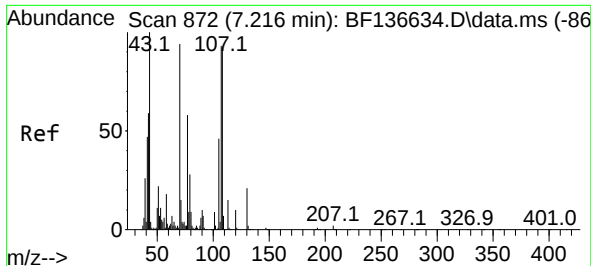


#18
Hexachloroethane
Concen: 40.507 ng
RT: 7.304 min Scan# 887
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



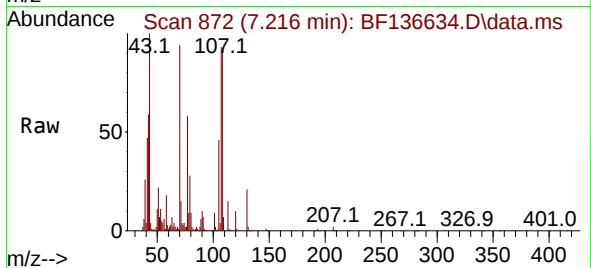
Tgt Ion:117 Resp: 86395
Ion Ratio Lower Upper
117 100
119 94.5 75.6 113.4
201 94.6 75.7 113.5





#19
n-Nitroso-di-n-propylamine
Concen: 40.217 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

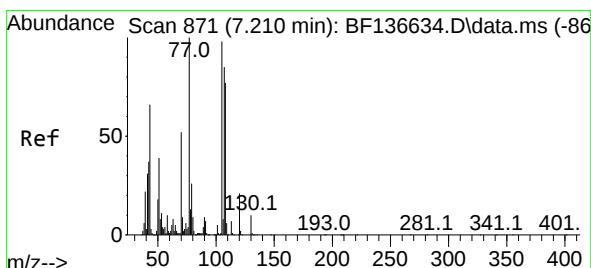
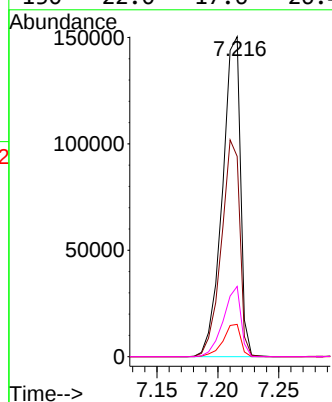
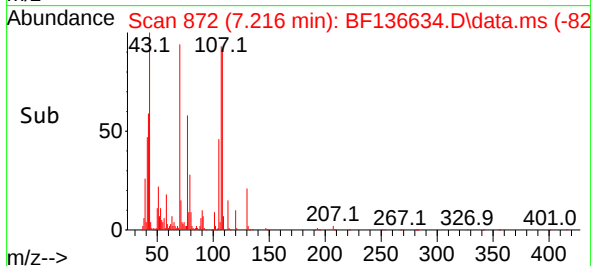
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



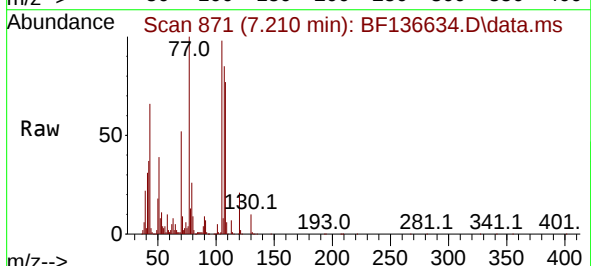
Tgt Ion: 70 Resp: 15561
Ion Ratio Lower Upper
70 100
42 62.6 50.1 75.1
101 10.1 8.1 12.1
130 22.0 17.6 26.4

Manual Integrations
APPROVED

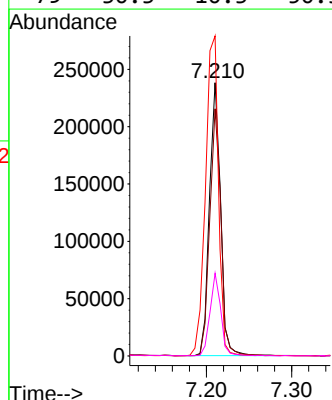
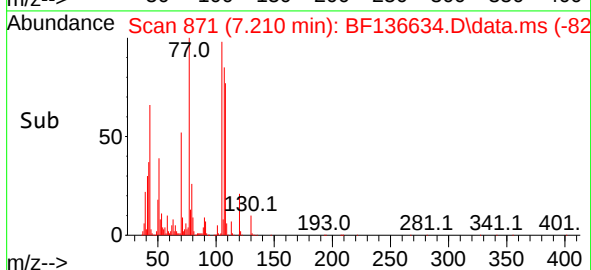
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

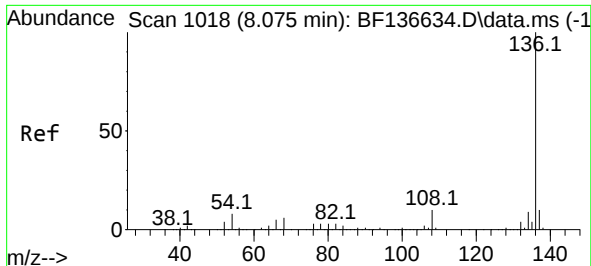


#20
3+4-Methylphenols
Concen: 39.602 ng
RT: 7.210 min Scan# 871
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:107 Resp: 216331
Ion Ratio Lower Upper
107 100
108 90.4 70.4 110.4
77 117.1 97.1 137.1
79 30.3 10.3 50.3





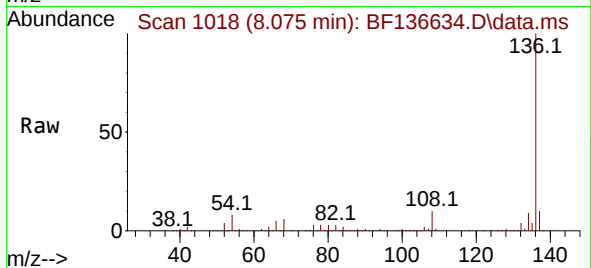
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.075 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

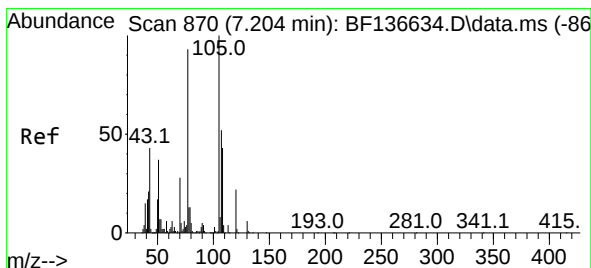
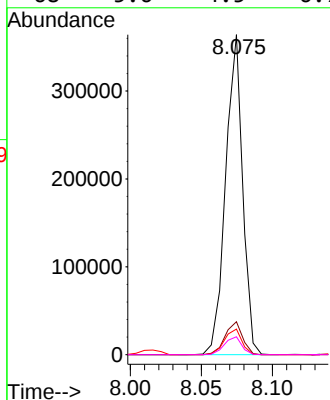
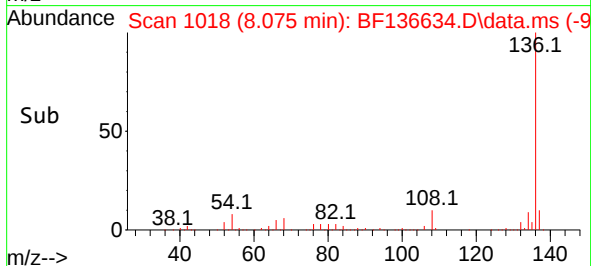


Tgt Ion:136 Resp: 303454
Ion Ratio Lower Upper
136 100
137 10.3 8.2 12.4
54 8.0 6.4 9.6
68 5.6 4.5 6.7

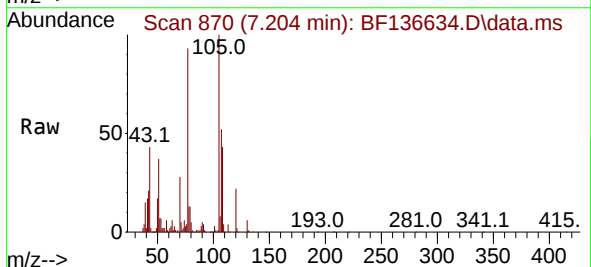
Manual Integrations

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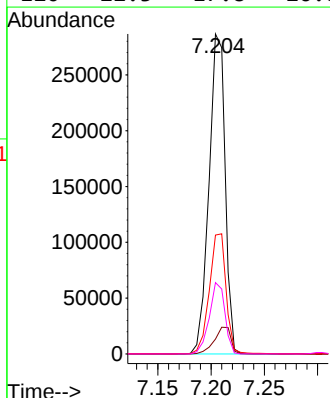
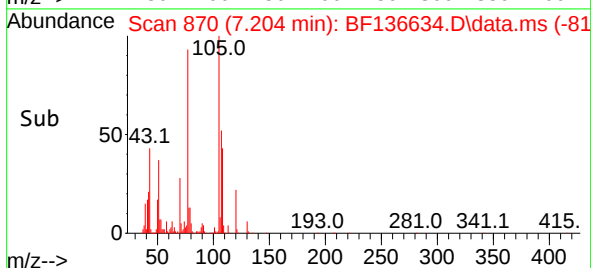
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

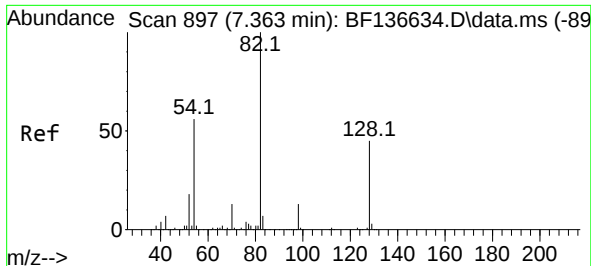


#22
Acetophenone
Concen: 39.811 ng
RT: 7.204 min Scan# 870
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:105 Resp: 302240
Ion Ratio Lower Upper
105 100
71 4.7 3.8 5.6
51 37.2 29.8 44.6
120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 81.207 ng

RT: 7.363 min Scan# 897

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion: 82 Resp: 474540

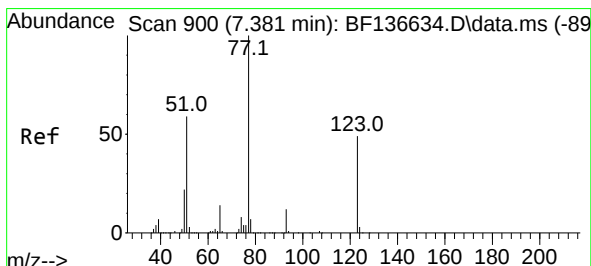
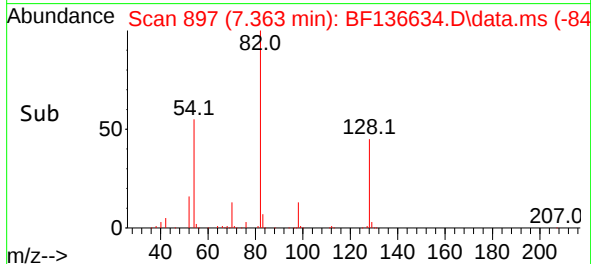
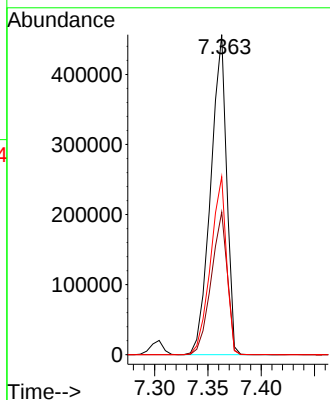
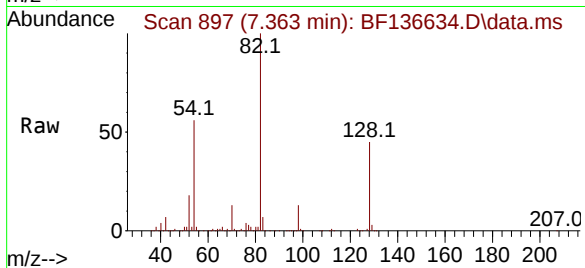
Ion	Ratio	Lower	Upper
82	100		
128	44.6	35.7	53.5
54	55.6	44.5	66.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#24

Nitrobenzene

Concen: 40.323 ng

RT: 7.381 min Scan# 900

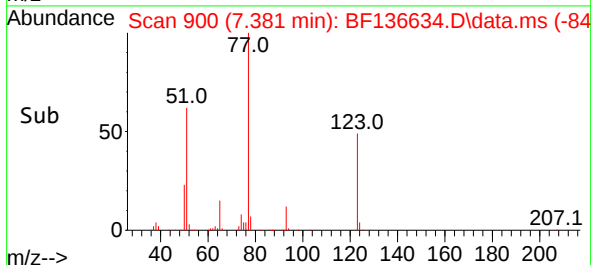
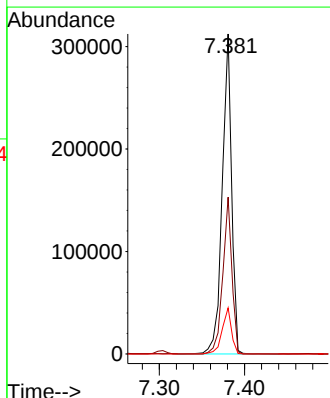
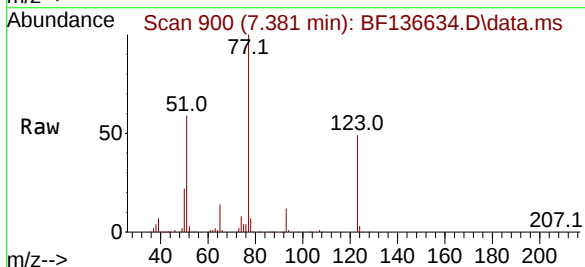
Delta R.T. 0.000 min

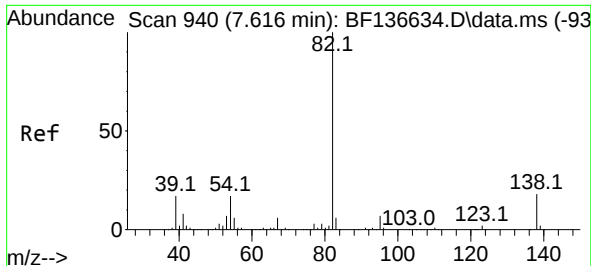
Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Tgt Ion: 77 Resp: 239204

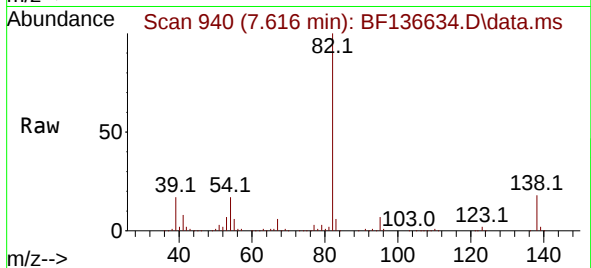
Ion	Ratio	Lower	Upper
77	100		
123	49.0	39.2	58.8
65	14.4	11.5	17.3





#25
Isophorone
Concen: 40.602 ng
RT: 7.616 min Scan# 940
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

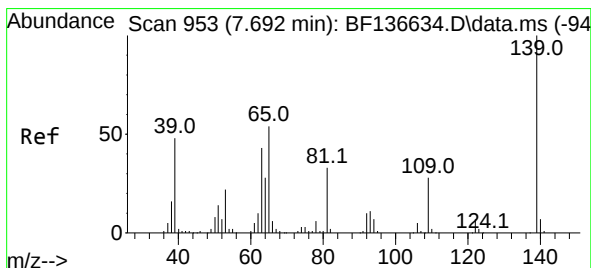
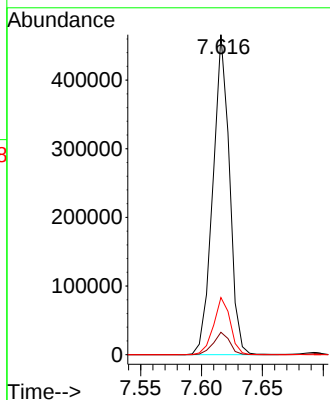
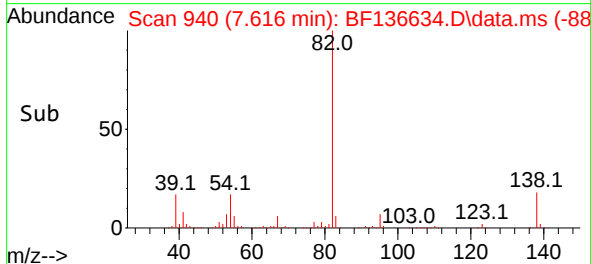
Instrument :
BNA_F
Client Sample Id :
SSTDICCC040



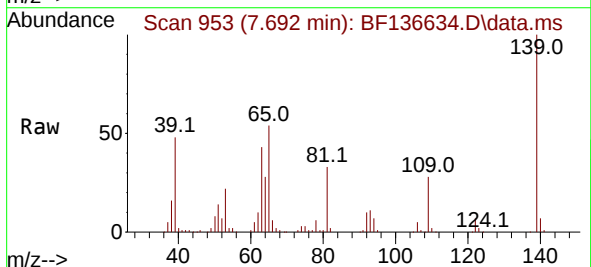
Tgt Ion: 82 Resp: 442593
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 17.8 14.2 21.4

Manual Integrations
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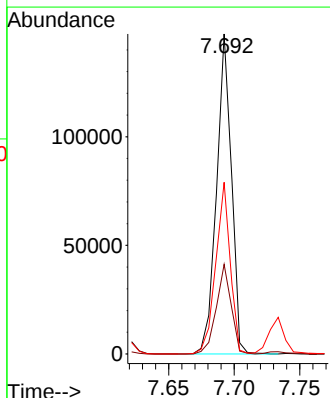
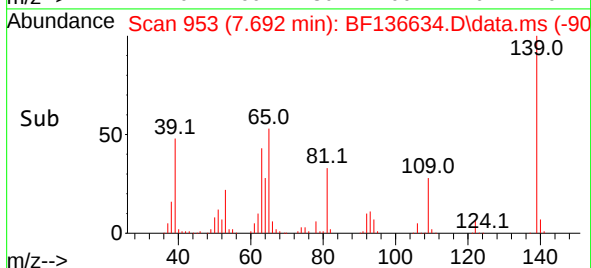
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

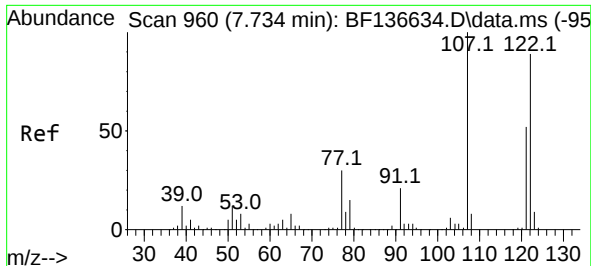


#26
2-Nitrophenol
Concen: 41.266 ng
RT: 7.692 min Scan# 953
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:139 Resp: 115994
Ion Ratio Lower Upper
139 100
109 28.0 22.4 33.6
65 53.7 43.0 64.4





#27

2,4-Dimethylphenol

Concen: 39.717 ng

RT: 7.734 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

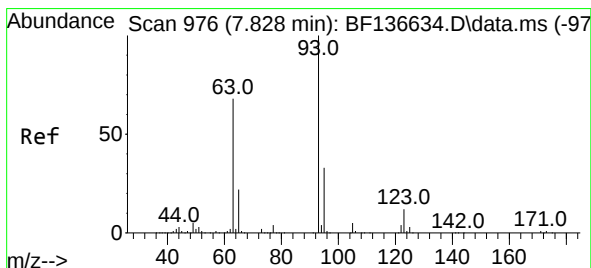
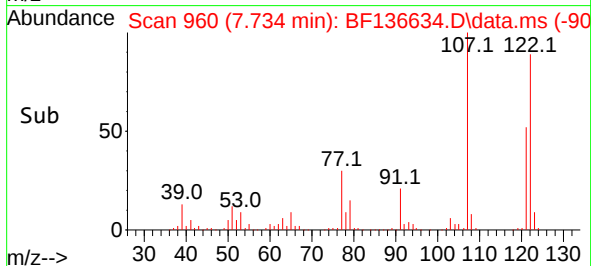
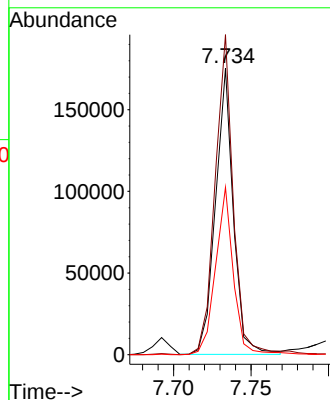
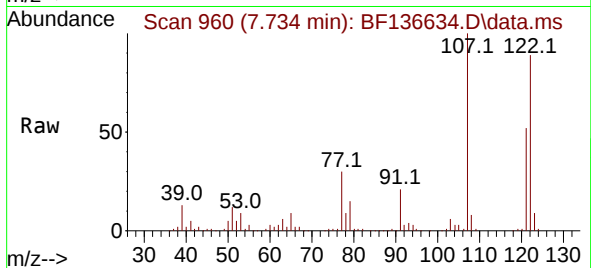
Tgt Ion:122 Resp: 140217
 Ion Ratio Lower Upper
 122 100
 107 111.8 89.4 134.2
 121 58.4 46.7 70.1

Manual Integrations

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Supervised By :mohammad ahmed 12/20/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.714 ng

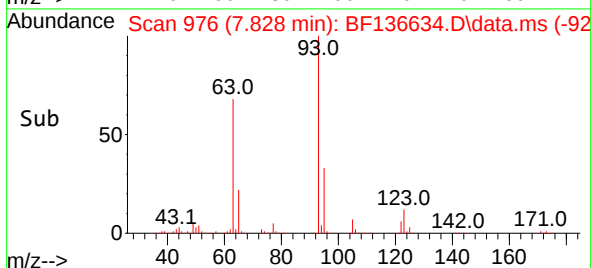
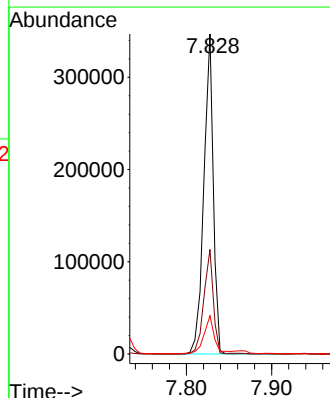
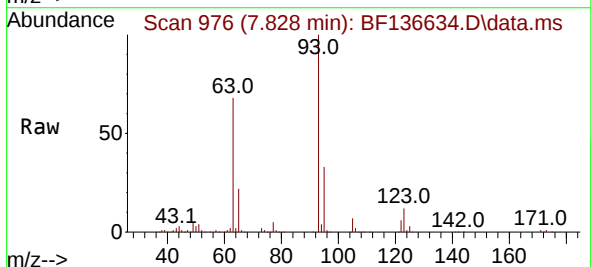
RT: 7.828 min Scan# 976

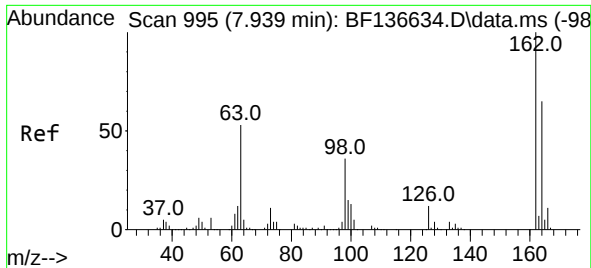
Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Tgt Ion: 93 Resp: 268609
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.2 39.2
 123 11.9 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 40.791 ng

RT: 7.939 min Scan# 995

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

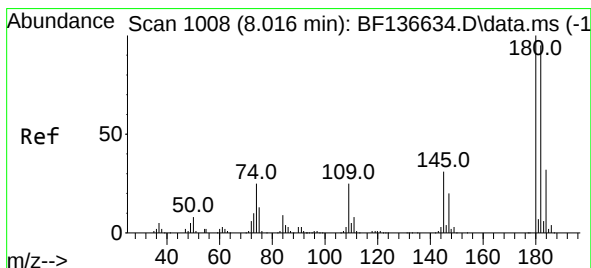
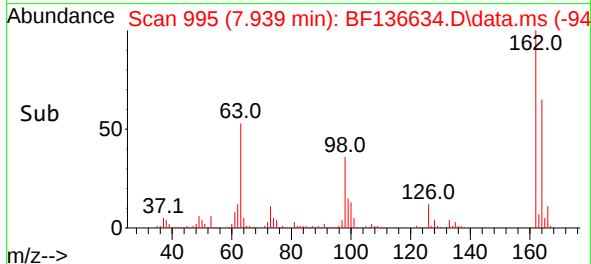
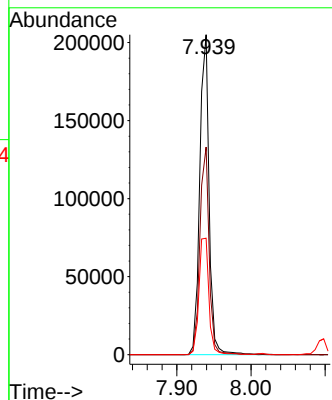
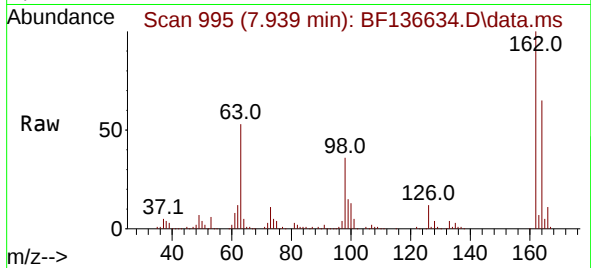
SSTDICCC040

Tgt Ion:162 Resp: 178520
 Ion Ratio Lower Upper
 162 100
 164 64.9 44.9 84.9
 98 36.4 16.4 56.4

Manual Integrations

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 Supervised By :mohammad ahmed 12/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 40.605 ng

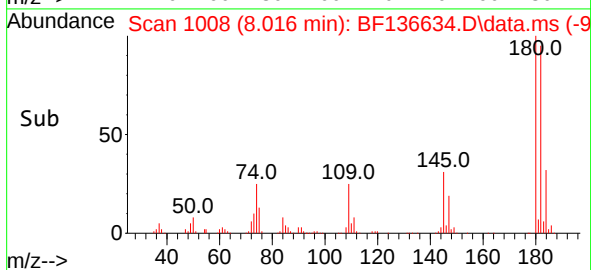
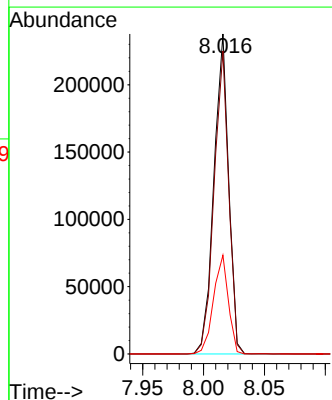
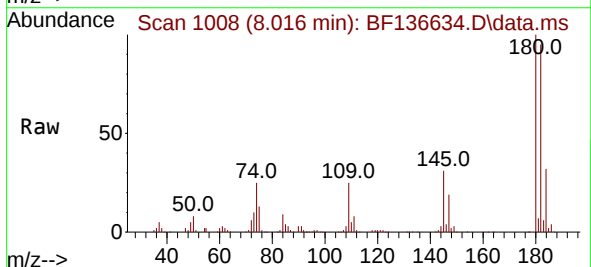
RT: 8.016 min Scan# 1008

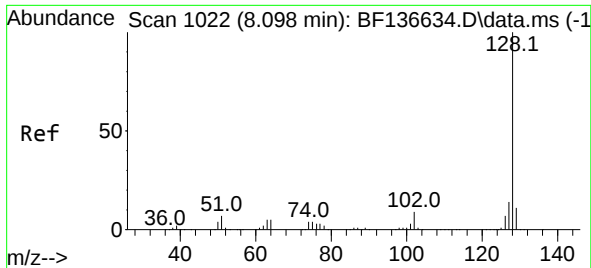
Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

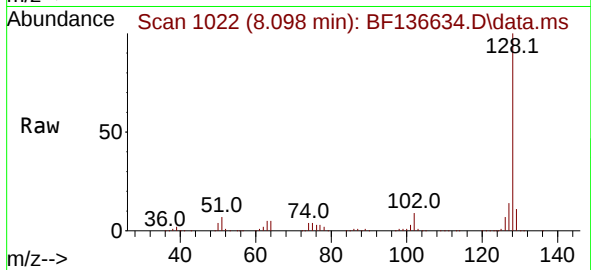
Tgt Ion:180 Resp: 199964
 Ion Ratio Lower Upper
 180 100
 182 94.7 75.8 113.6
 145 30.8 24.6 37.0





#31
Naphthalene
Concen: 40.340 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

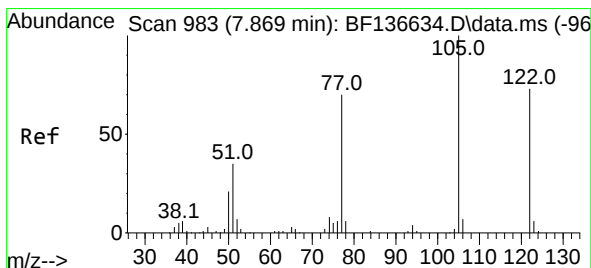
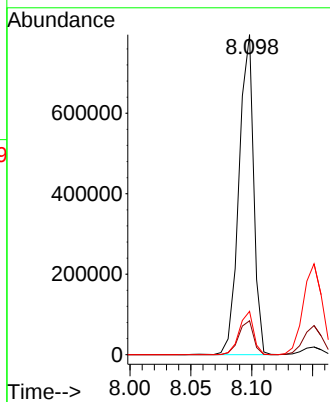
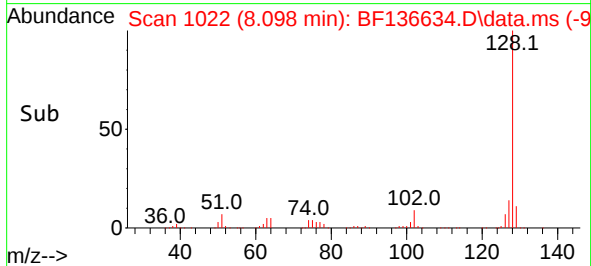
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:128 Resp: 66885
Ion Ratio Lower Upper
128 100
129 10.6 8.5 12.7
127 13.5 10.8 16.2

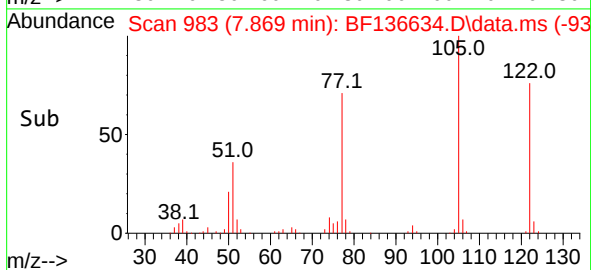
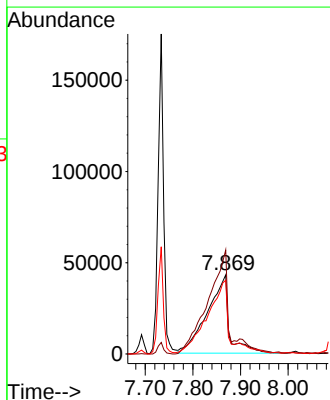
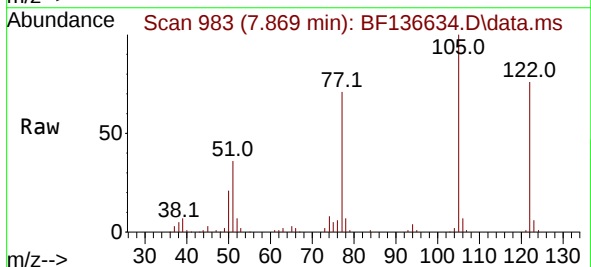
Manual Integrations
APPROVED

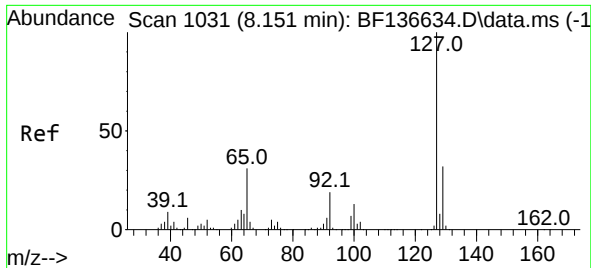
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#32
Benzoic acid
Concen: 41.662 ng m
RT: 7.869 min Scan# 983
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Tgt Ion:122 Resp: 137973
Ion Ratio Lower Upper
122 100
105 131.6 111.6 151.6
77 93.3 73.3 113.3





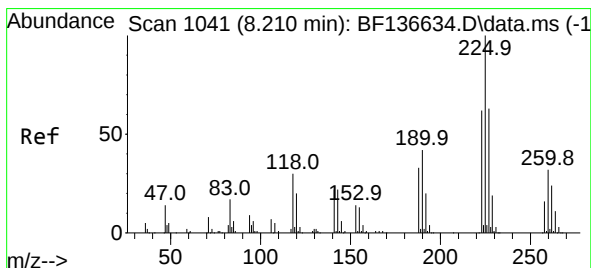
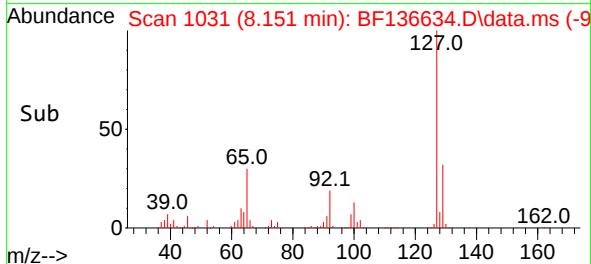
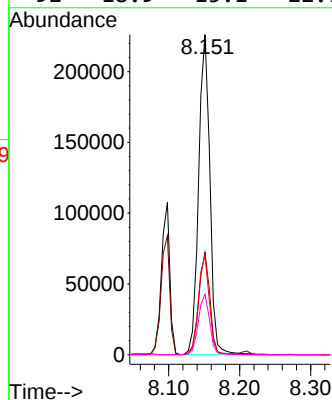
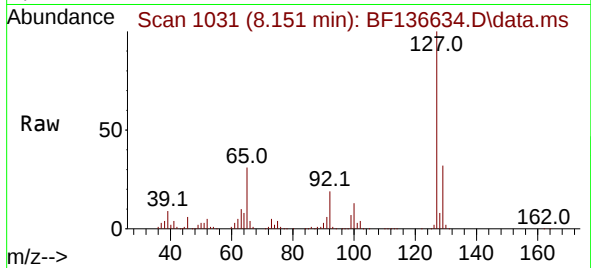
#33
4-Chloroaniline
Concen: 40.511 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:	127	Resp:	24998
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.6	38.4
65	31.1	24.9	37.3
92	18.9	15.1	22.7

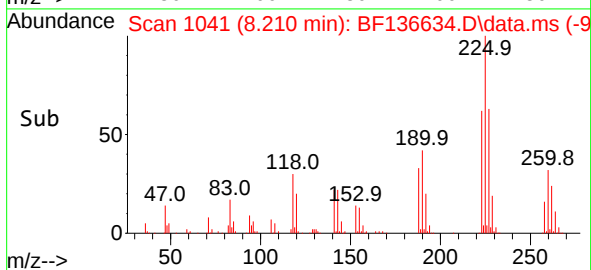
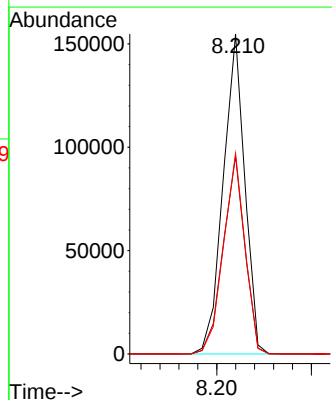
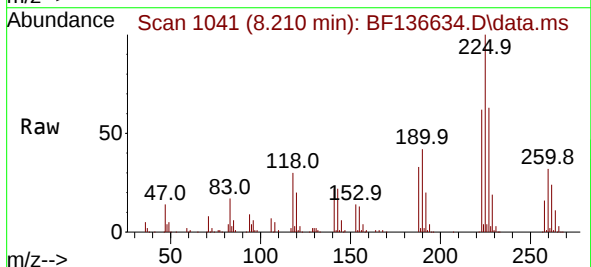
Manual Integrations
APPROVED

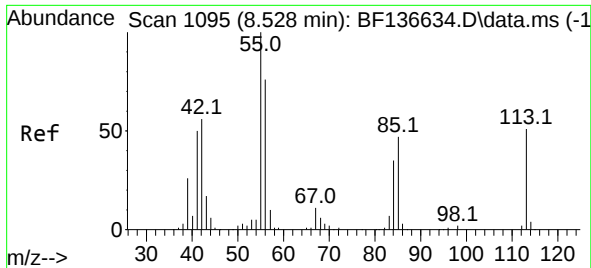
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#34
Hexachlorobutadiene
Concen: 40.696 ng
RT: 8.210 min Scan# 1041
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

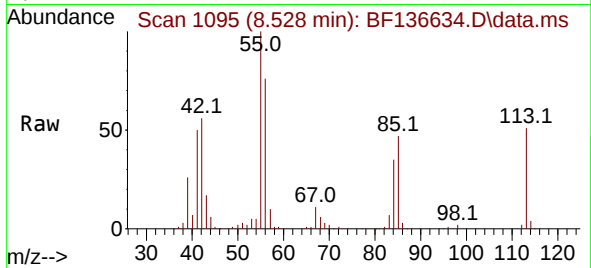
Tgt Ion:	225	Resp:	122523
Ion Ratio	Lower	Upper	
225	100		
223	61.8	49.4	74.2
227	62.7	50.2	75.2





#35
Caprolactam
Concen: 38.641 ng
RT: 8.528 min Scan# 1095
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

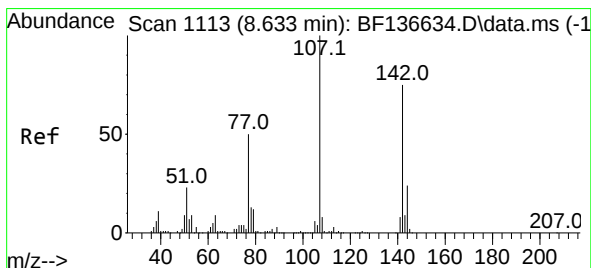
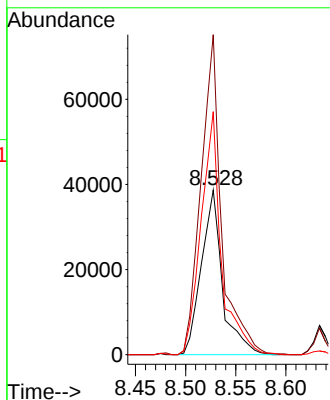
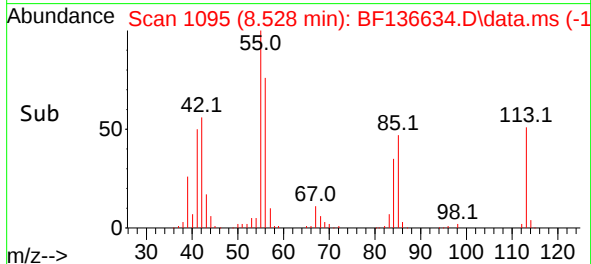
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



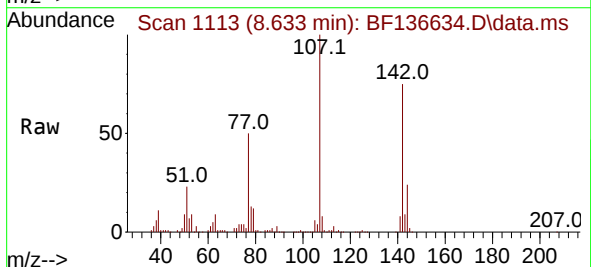
Tgt Ion:113 Resp: 5654
Ion Ratio Lower Upper
113 100
55 194.3 174.3 214.3
56 147.6 127.6 167.6

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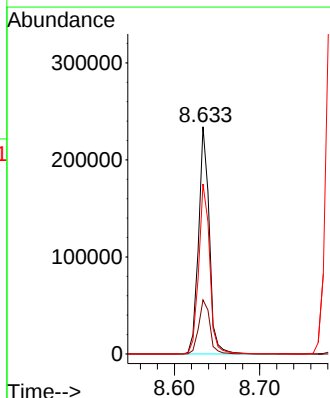
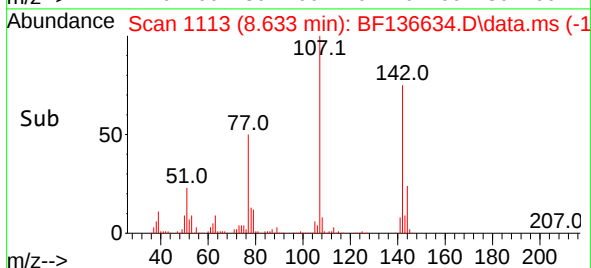
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

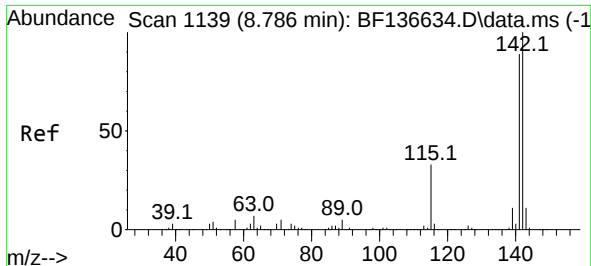


#36
4-Chloro-3-methylphenol
Concen: 41.084 ng
RT: 8.633 min Scan# 1113
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:107 Resp: 204673
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 74.8 59.8 89.8





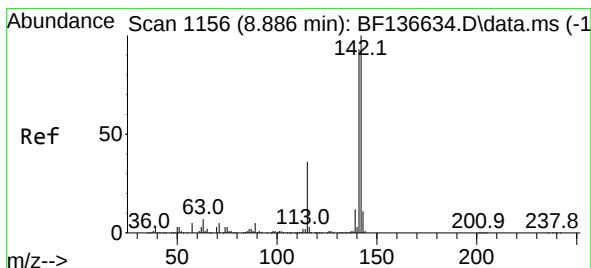
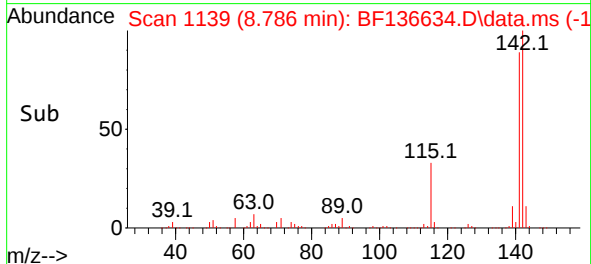
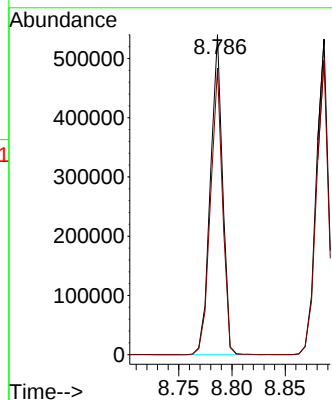
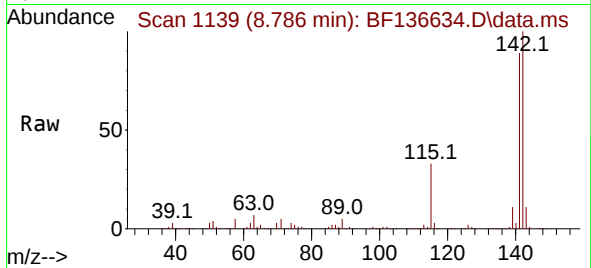
#37
2-Methylnaphthalene
Concen: 40.414 ng
RT: 8.786 min Scan# 1139
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:142 Resp: 430607
Ion Ratio Lower Upper
142 100
141 89.4 71.5 107.3

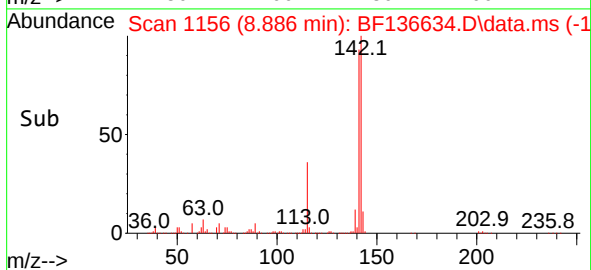
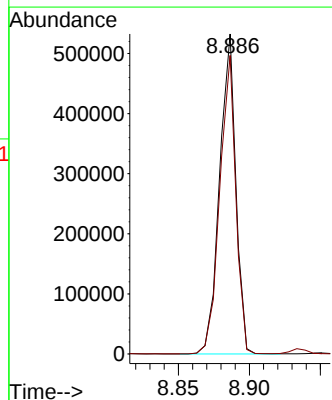
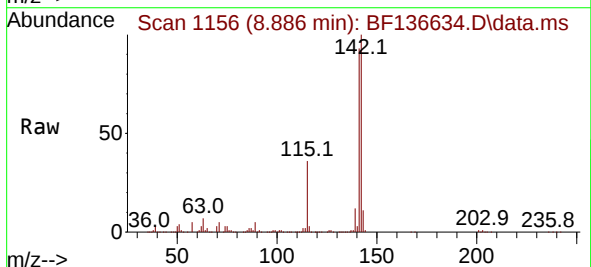
Manual Integrations
APPROVED

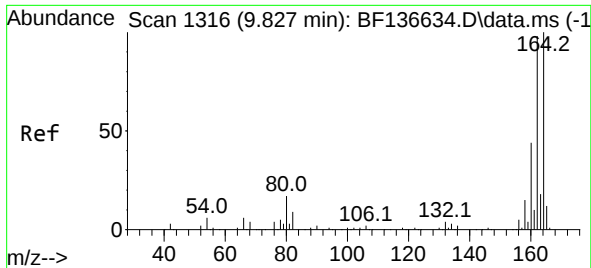
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#38
1-Methylnaphthalene
Concen: 40.206 ng
RT: 8.886 min Scan# 1156
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

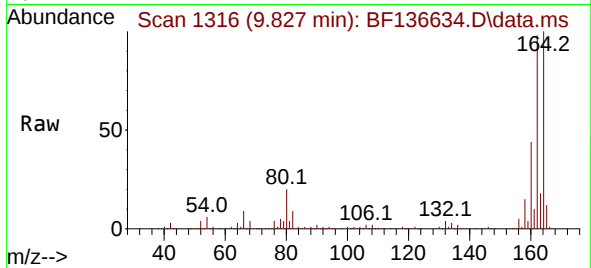
Tgt Ion:142 Resp: 422147
Ion Ratio Lower Upper
142 100
141 93.3 74.6 112.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.827 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

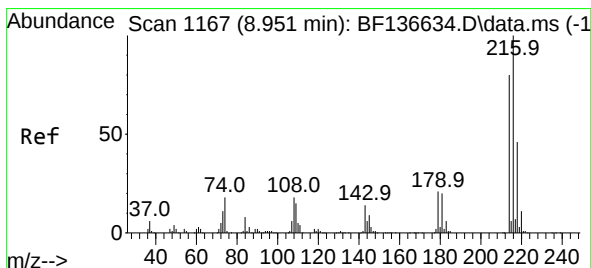
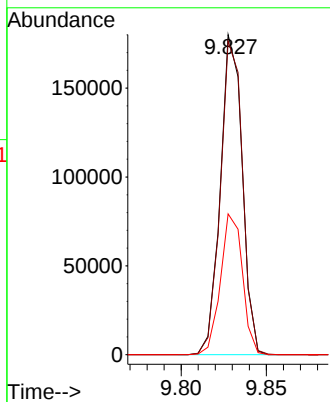
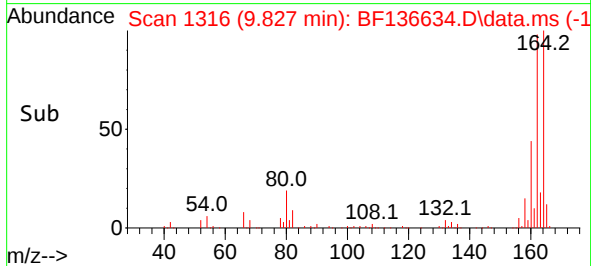
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



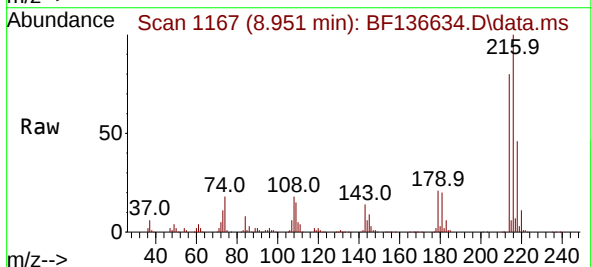
Tgt Ion:164 Resp: 160892
Ion Ratio Lower Upper
164 100
162 98.0 78.4 117.6
160 44.0 35.2 52.8

Manual Integrations
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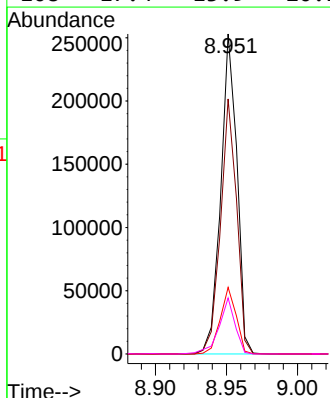
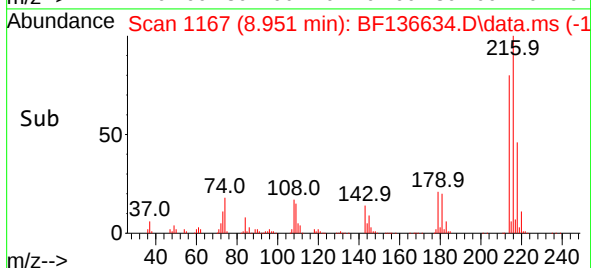
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

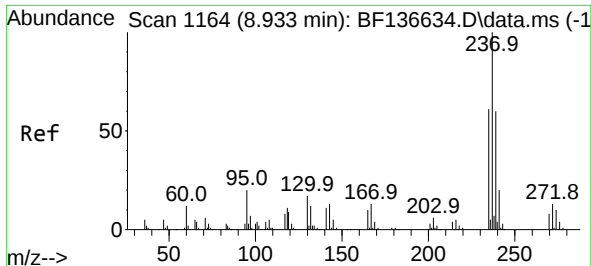


#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.884 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



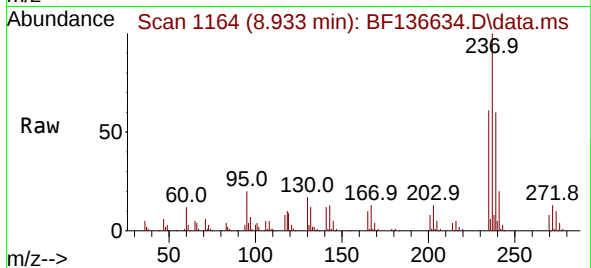
Tgt Ion:216 Resp: 199612
Ion Ratio Lower Upper
216 100
214 79.3 63.4 95.2
179 20.6 16.5 24.7
108 17.4 13.9 20.9





#41
Hexachlorocyclopentadiene
Concen: 40.944 ng
RT: 8.933 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

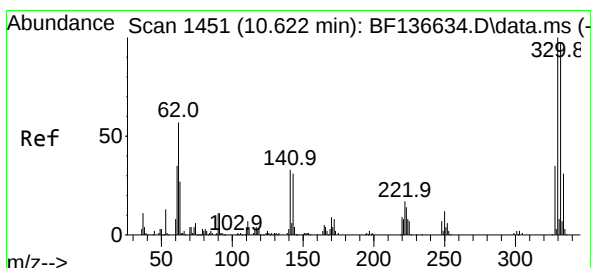
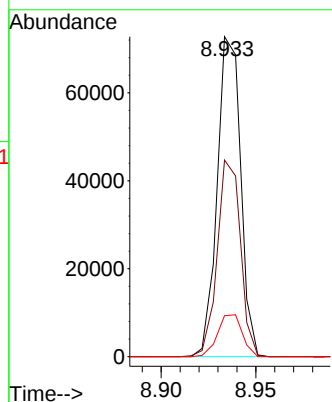
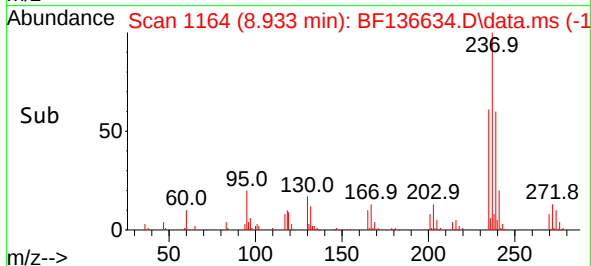
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



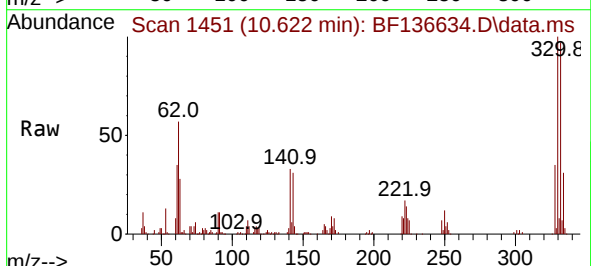
Tgt Ion:237 Resp: 62748
Ion Ratio Lower Upper
237 100
235 61.4 41.4 81.4
272 12.8 0.0 32.8

Manual Integrations
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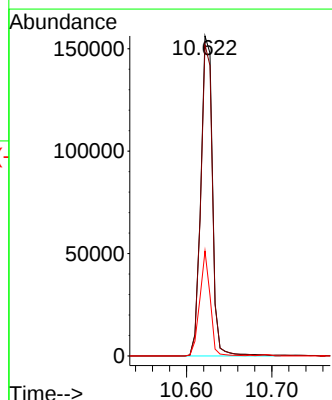
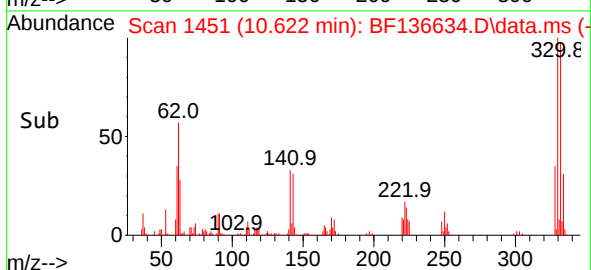
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

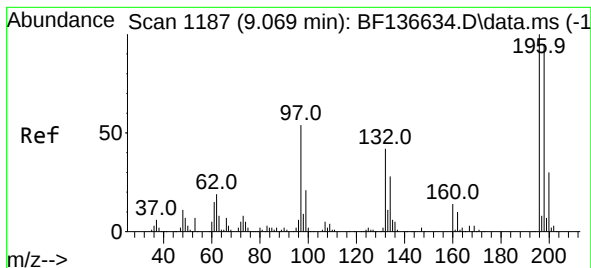


#42
2,4,6-Tribromophenol
Concen: 79.356 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



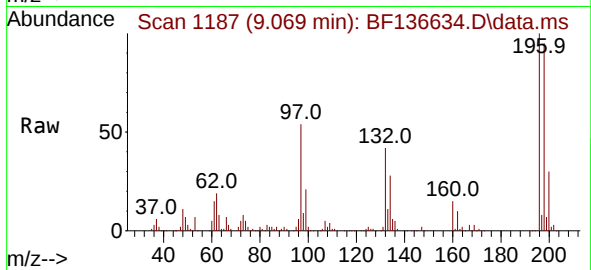
Tgt Ion:330 Resp: 148885
Ion Ratio Lower Upper
330 100
332 96.7 77.4 116.0
141 29.2 23.4 35.0





#43
2,4,6-Trichlorophenol
Concen: 41.151 ng
RT: 9.069 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

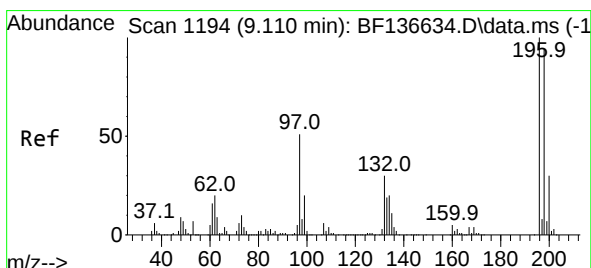
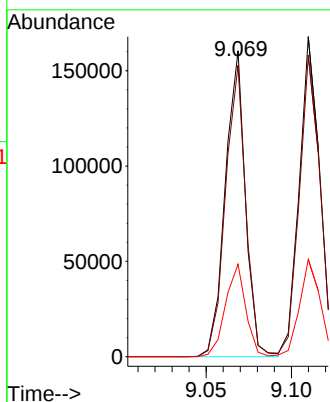
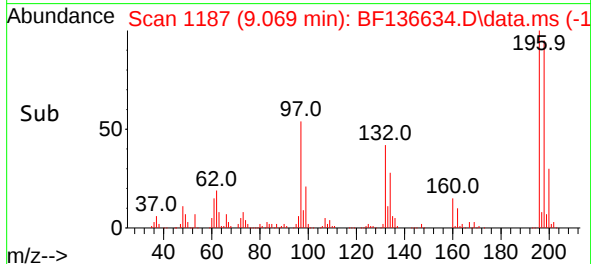
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



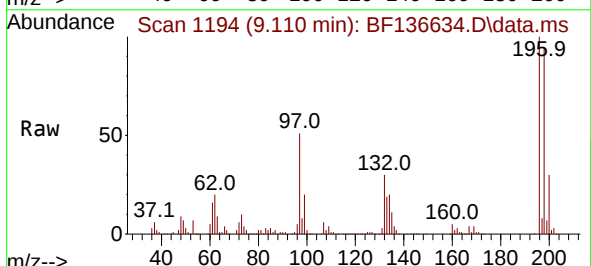
Tgt Ion:196 Resp: 131764
Ion Ratio Lower Upper
196 100
198 95.2 76.2 114.2
200 30.2 24.2 36.2

Manual Integrations
APPROVED

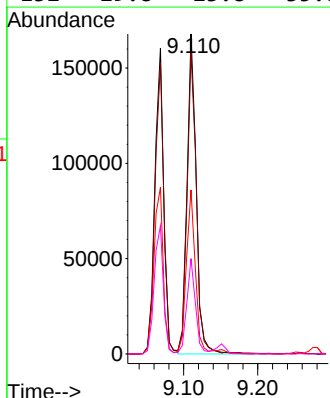
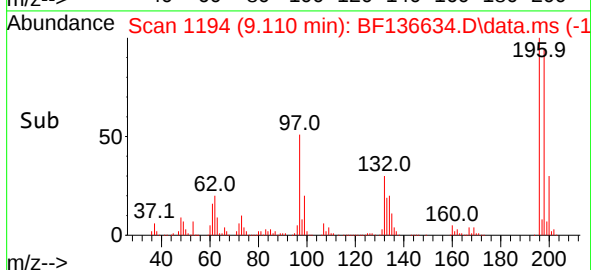
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

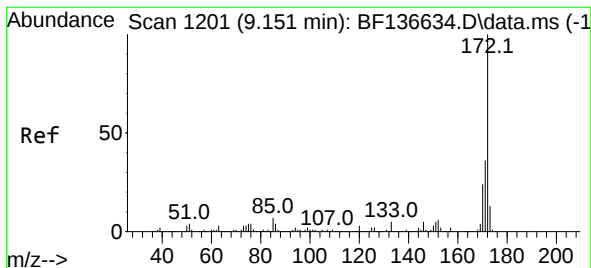


#44
2,4,5-Trichlorophenol
Concen: 41.593 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:196 Resp: 146812
Ion Ratio Lower Upper
196 100
198 94.2 75.4 113.0
97 51.3 41.0 61.6
132 29.8 23.8 35.8





#45

2-Fluorobiphenyl

Concen: 79.788 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:172 Resp: 93959

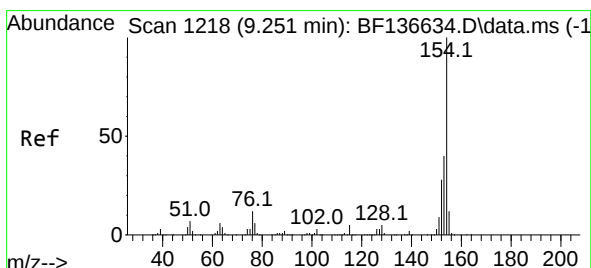
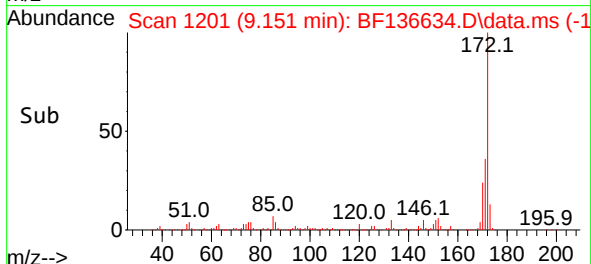
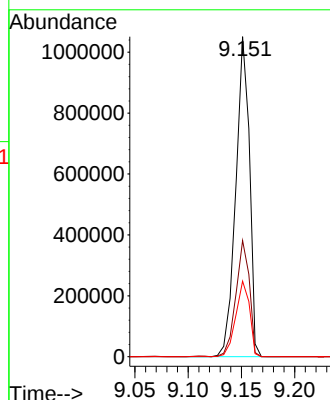
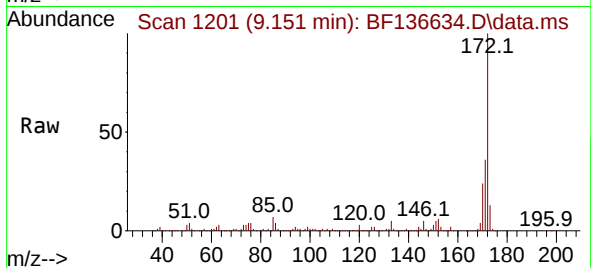
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	23.6	18.9	28.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#46

1,1'-Biphenyl

Concen: 40.509 ng

RT: 9.251 min Scan# 1218

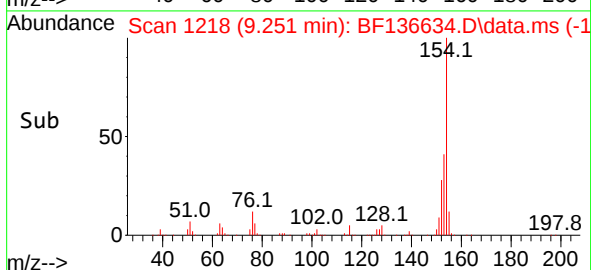
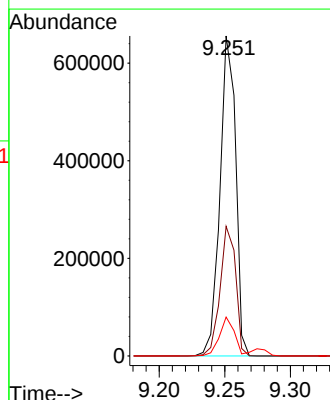
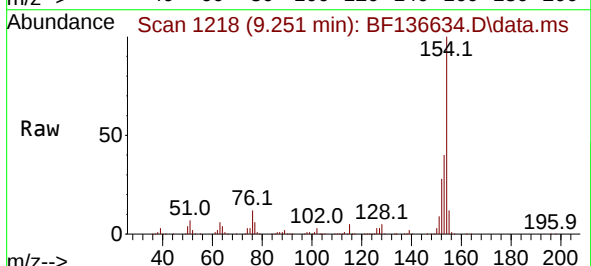
Delta R.T. 0.000 min

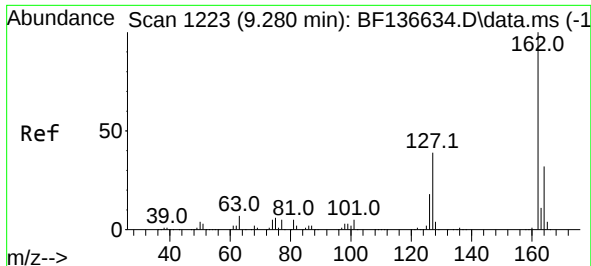
Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Tgt Ion:154 Resp: 544859

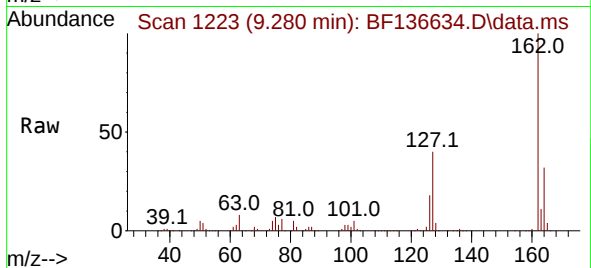
Ion	Ratio	Lower	Upper
154	100		
153	40.5	20.5	60.5
76	12.2	0.0	32.2





#47
2-Chloronaphthalene
Concen: 40.816 ng
RT: 9.280 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

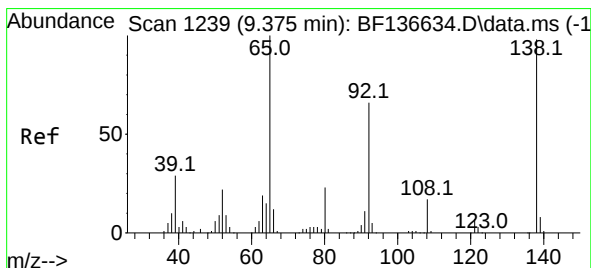
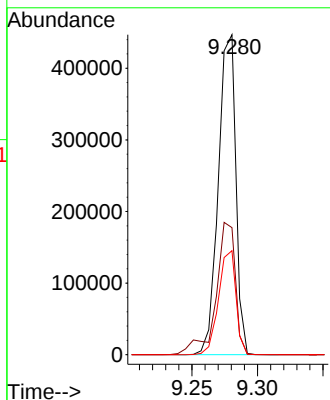
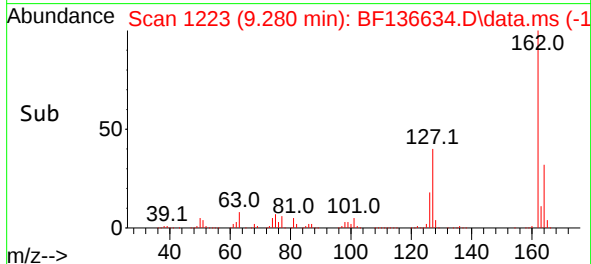
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:162 Resp: 41457
Ion Ratio Lower Upper
162 100
127 39.7 31.8 47.6
164 32.5 26.0 39.0

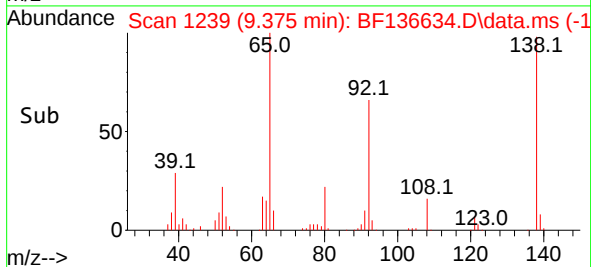
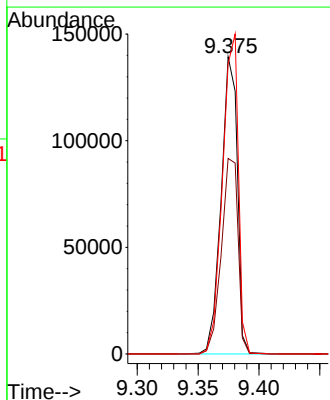
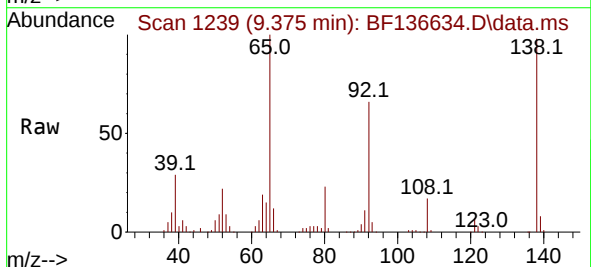
Manual Integrations
APPROVED

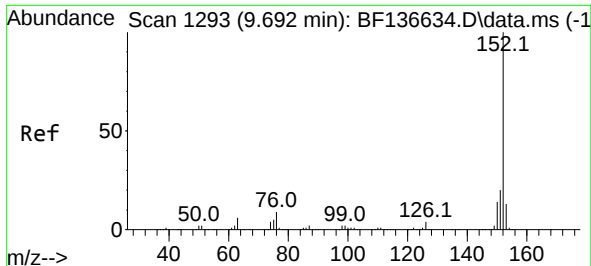
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#48
2-Nitroaniline
Concen: 40.203 ng
RT: 9.375 min Scan# 1239
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

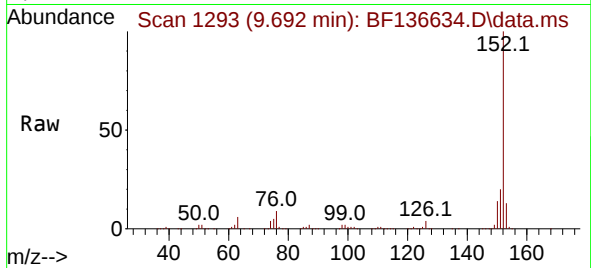
Tgt Ion: 65 Resp: 129116
Ion Ratio Lower Upper
65 100
92 65.8 52.6 79.0
138 97.7 78.2 117.2





#49
Acenaphthylene
Concen: 40.428 ng
RT: 9.692 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

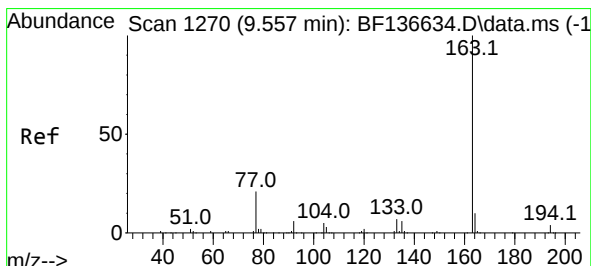
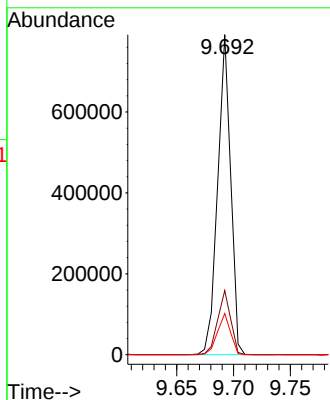
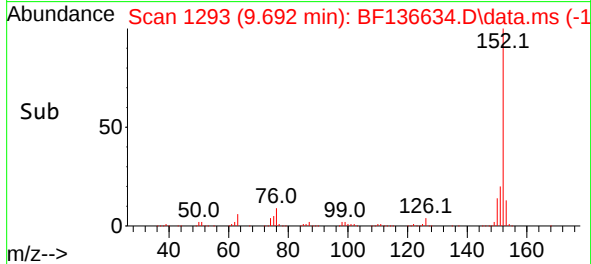
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



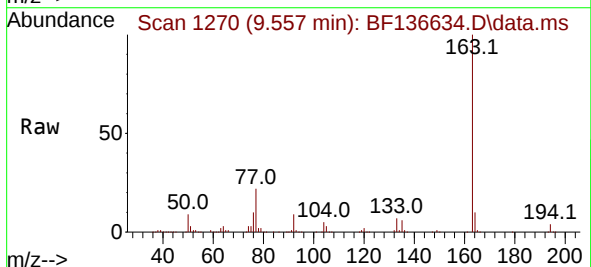
Tgt Ion:152 Resp: 63061
Ion Ratio Lower Upper
152 100
151 20.1 16.1 24.1
153 12.9 10.3 15.5

Manual Integrations
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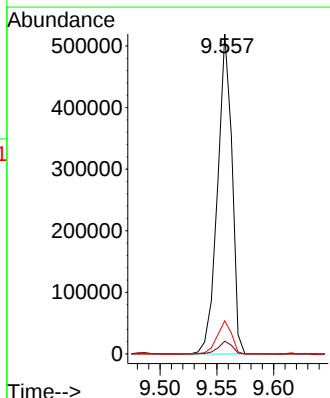
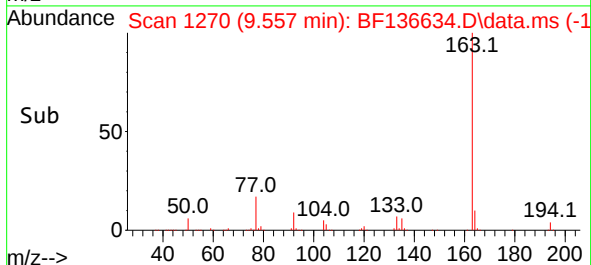
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

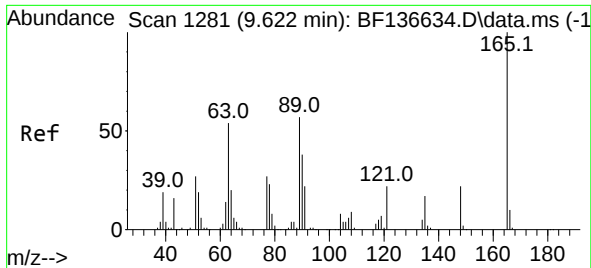


#50
Dimethylphthalate
Concen: 39.761 ng
RT: 9.557 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



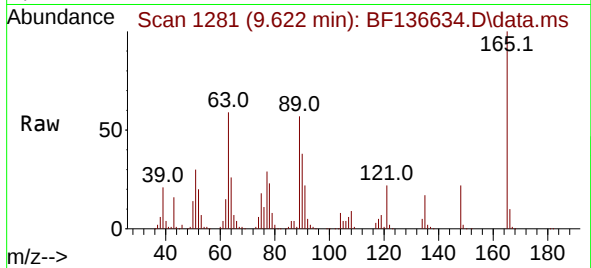
Tgt Ion:163 Resp: 458757
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 39.318 ng
RT: 9.622 min Scan# 1281
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

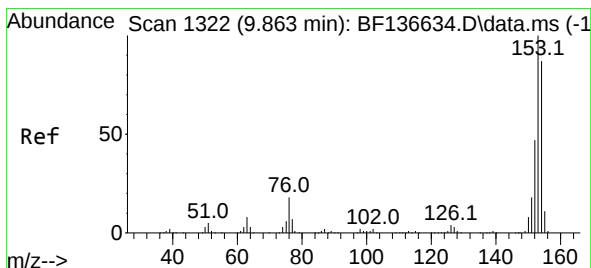
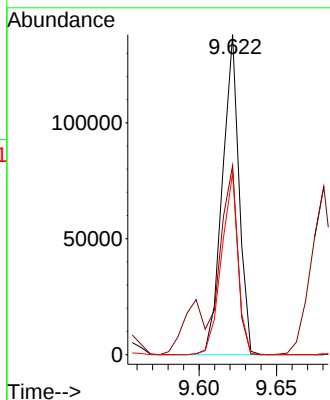
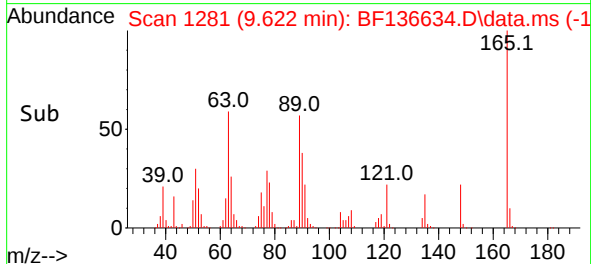
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



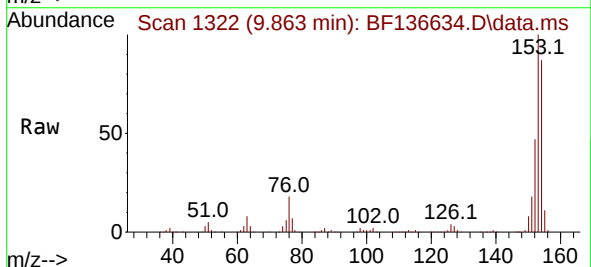
Tgt Ion:165 Resp: 103370
Ion Ratio Lower Upper
165 100
63 59.1 47.3 70.9
89 56.9 45.5 68.3

Manual Integrations
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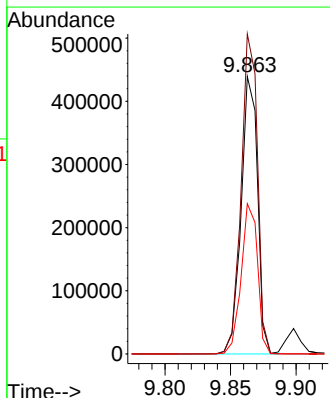
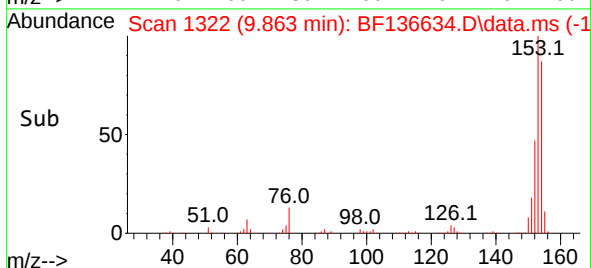
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

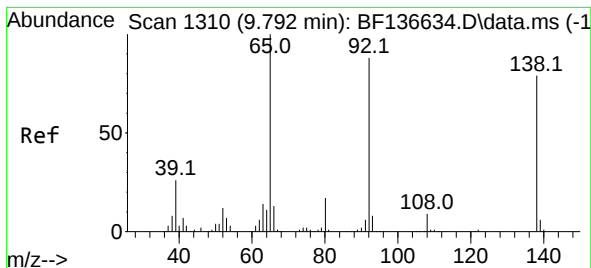


#52
Acenaphthene
Concen: 39.822 ng
RT: 9.863 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



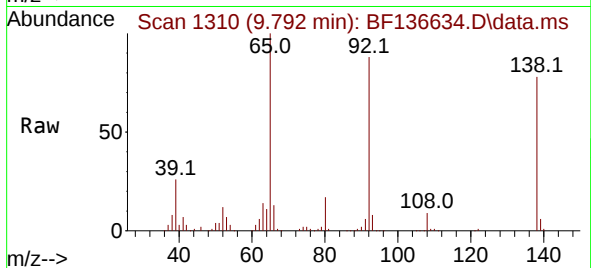
Tgt Ion:154 Resp: 384084
Ion Ratio Lower Upper
154 100
153 115.4 92.3 138.5
152 54.2 43.4 65.0





#53
3-Nitroaniline
Concen: 39.367 ng
RT: 9.792 min Scan# 1310
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

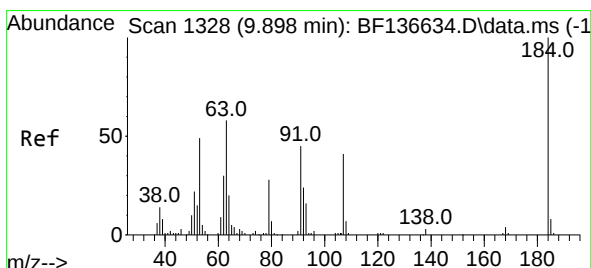
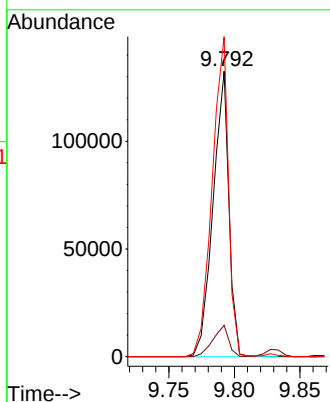
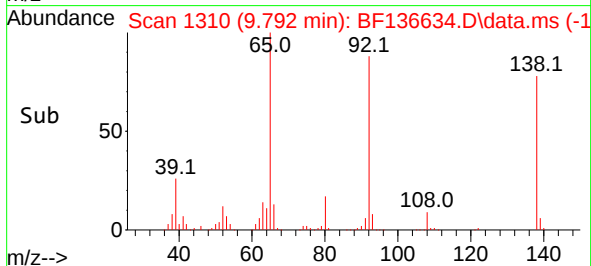
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



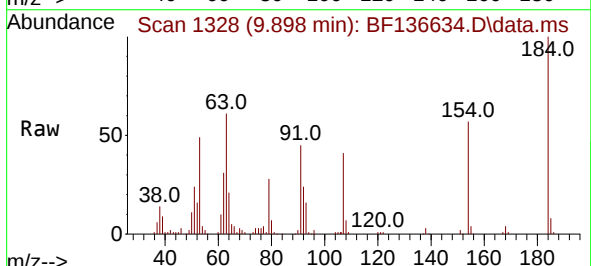
Tgt Ion:138 Resp: 111199
Ion Ratio Lower Upper
138 100
108 11.0 8.8 13.2
92 112.1 89.7 134.5

Manual Integrations
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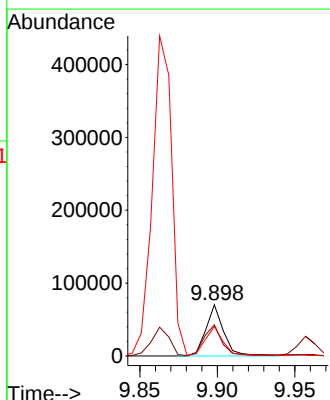
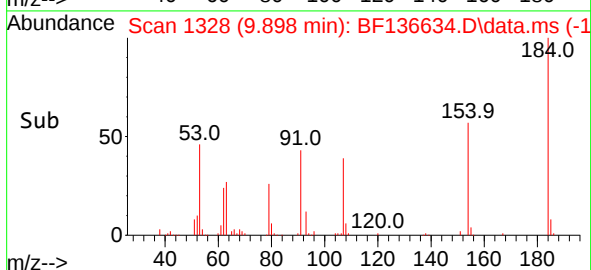
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

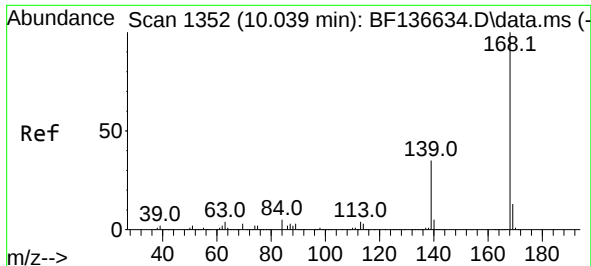


#54
2,4-Dinitrophenol
Concen: 41.985 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



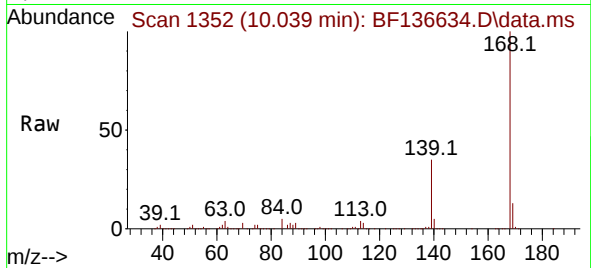
Tgt Ion:184 Resp: 56300
Ion Ratio Lower Upper
184 100
63 60.6 48.5 72.7
154 57.4 45.9 68.9





#55
Dibenzenofuran
Concen: 40.090 ng
RT: 10.039 min Scan# 1352
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

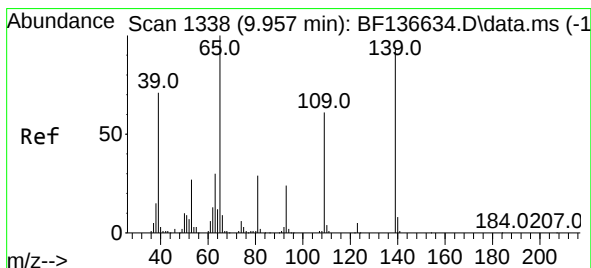
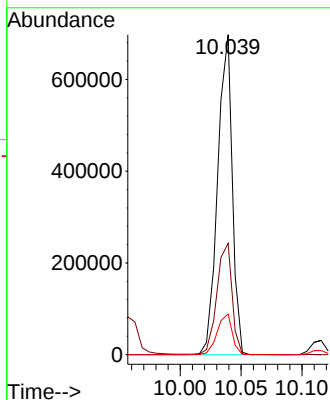
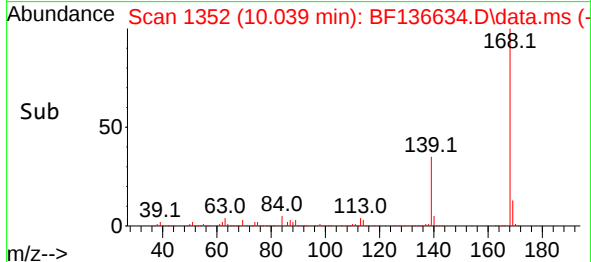
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:168 Resp: 58296
Ion Ratio Lower Upper
168 100
139 34.8 27.8 41.8
169 12.7 10.2 15.2

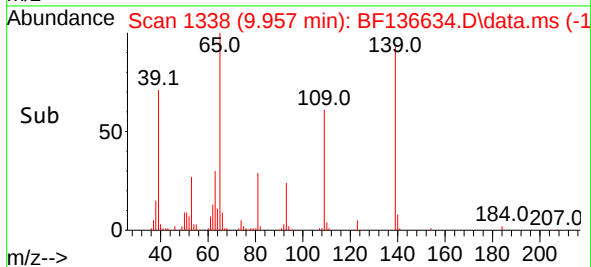
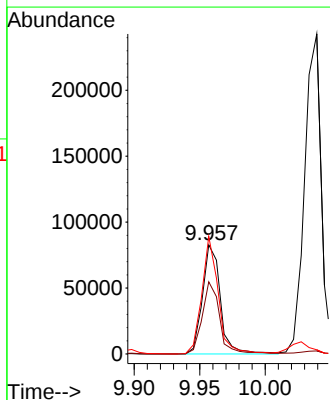
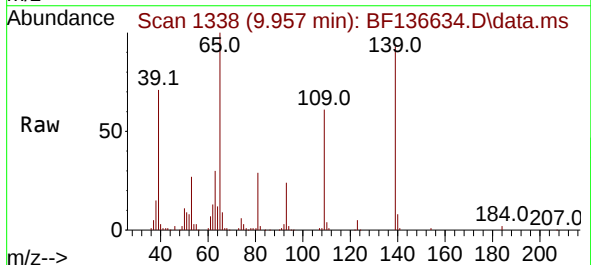
Manual Integrations
APPROVED

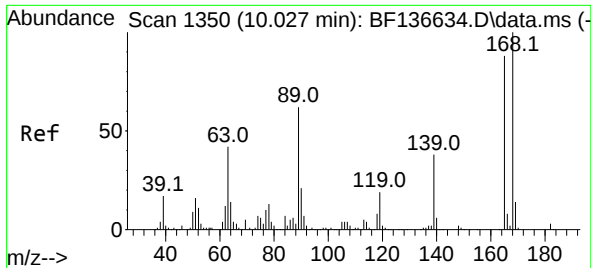
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#56
4-Nitrophenol
Concen: 41.037 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Tgt Ion:139 Resp: 79058
Ion Ratio Lower Upper
139 100
109 66.2 46.2 86.2
65 107.8 87.8 127.8





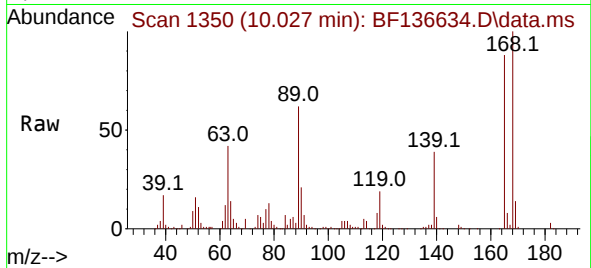
#57
2,4-Dinitrotoluene
Concen: 40.217 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040



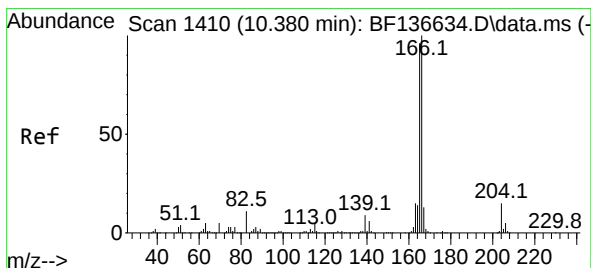
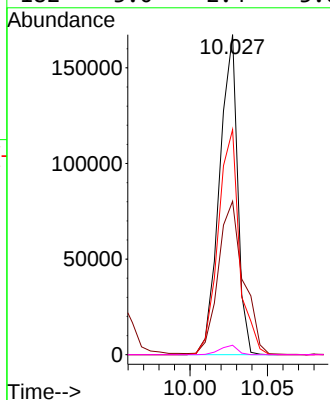
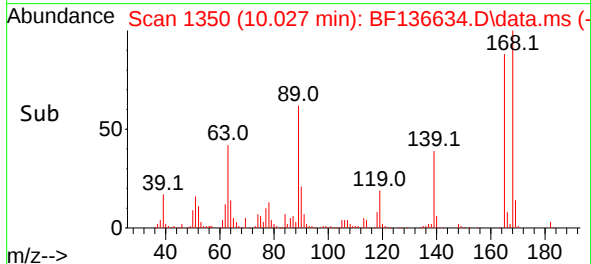
Tgt Ion:165 Resp: 13614
Ion Ratio Lower Upper
165 100
63 48.0 38.4 57.6
89 70.3 56.2 84.4
182 3.0 2.4 3.6

Manual Integrations

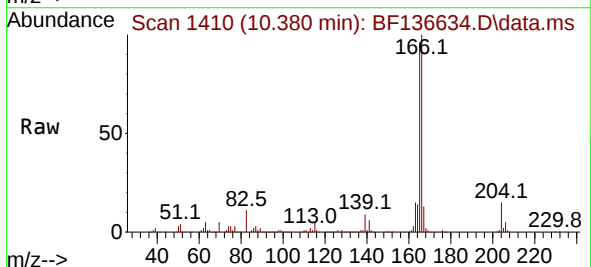
APPROVED

Reviewed By :Yogesh Patel 12/20/2023

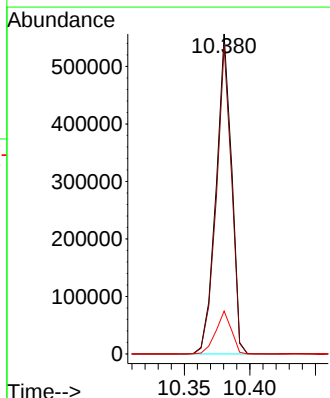
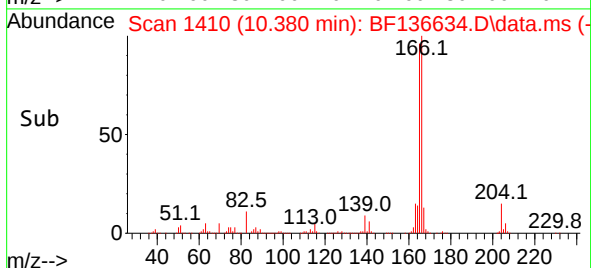
Supervised By :mohammad ahmed 12/20/2023

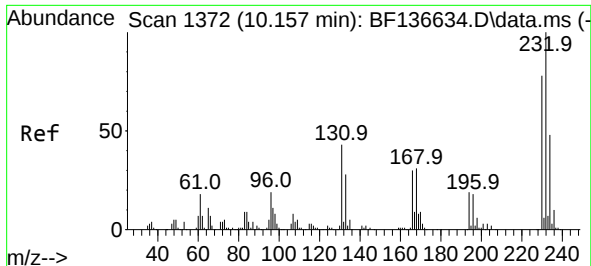


#58
Fluorene
Concen: 39.577 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



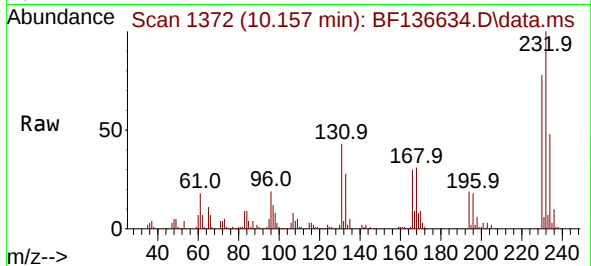
Tgt Ion:166 Resp: 456837
Ion Ratio Lower Upper
166 100
165 96.3 77.0 115.6
167 13.4 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.904 ng
RT: 10.157 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

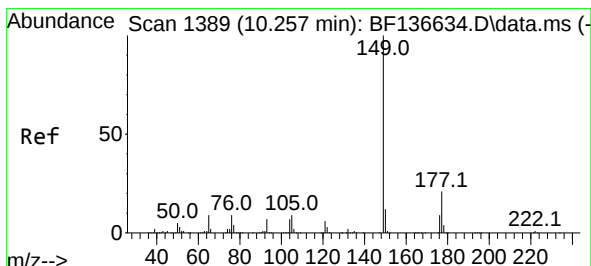
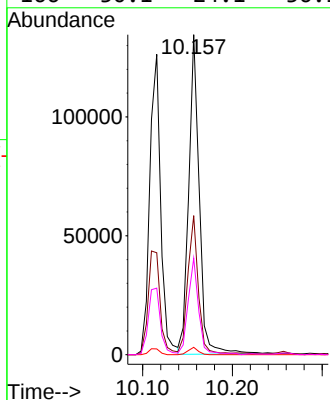
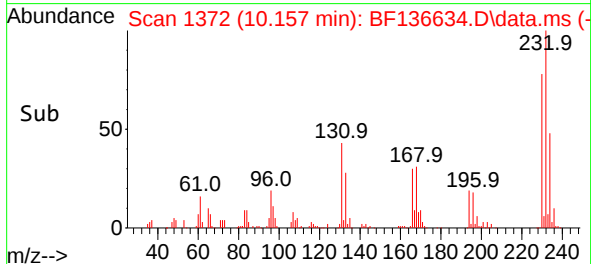
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:232 Resp: 109651
Ion Ratio Lower Upper
232 100
131 42.1 33.7 50.5
130 2.1 1.7 2.5
166 30.1 24.1 36.1

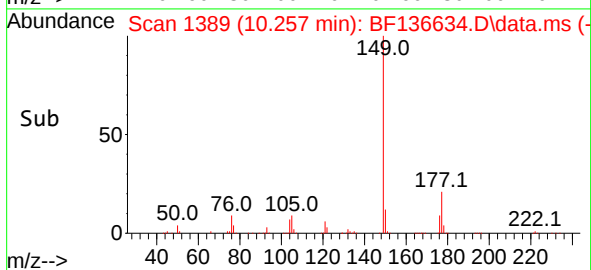
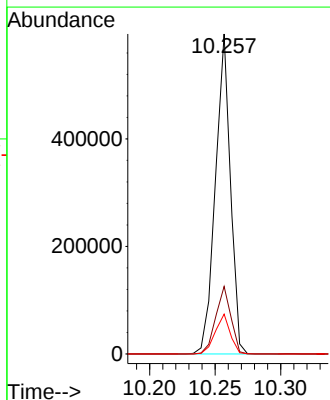
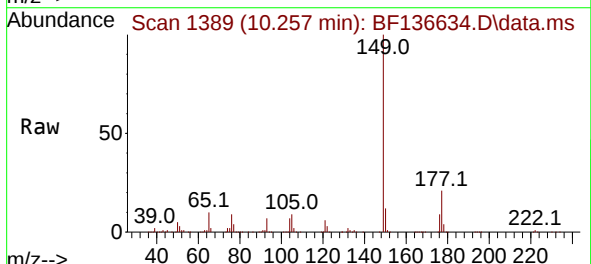
Manual Integrations
APPROVED

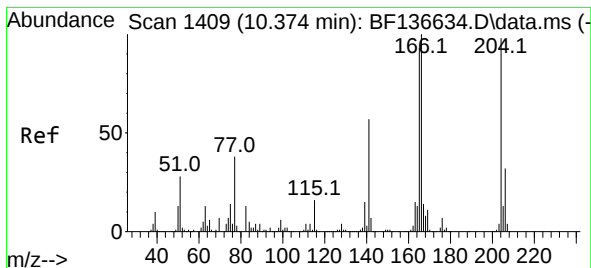
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#60
Diethylphthalate
Concen: 39.445 ng
RT: 10.257 min Scan# 1389
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

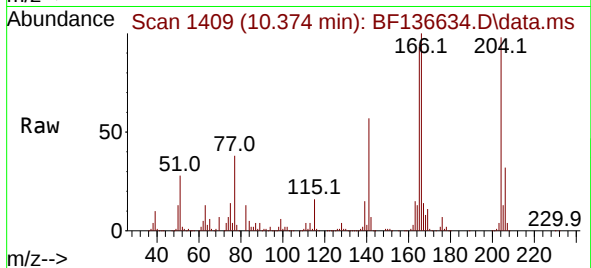
Tgt Ion:149 Resp: 473233
Ion Ratio Lower Upper
149 100
177 21.1 16.9 25.3
150 12.4 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 39.692 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

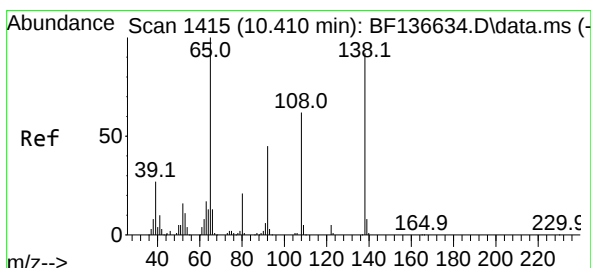
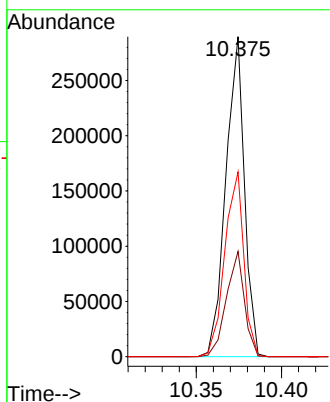
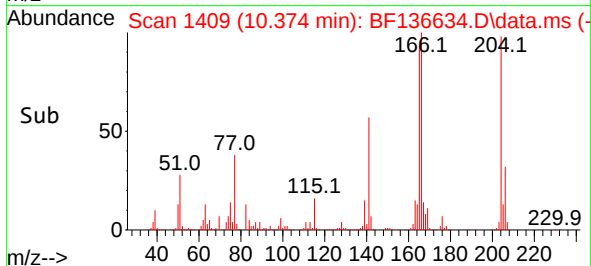
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



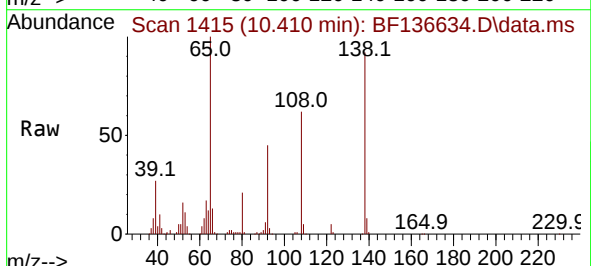
Tgt Ion:204 Resp: 220658
Ion Ratio Lower Upper
204 100
206 32.9 26.3 39.5
141 57.8 46.2 69.4

Manual Integrations
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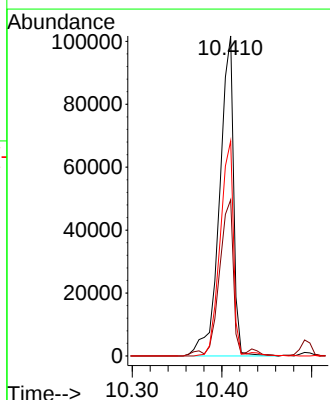
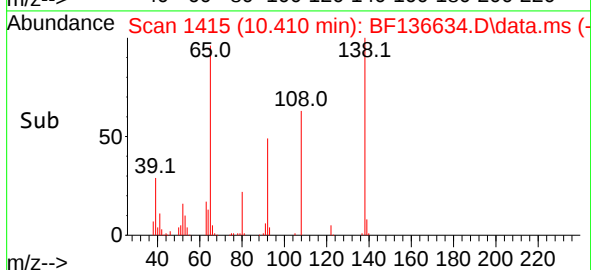
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

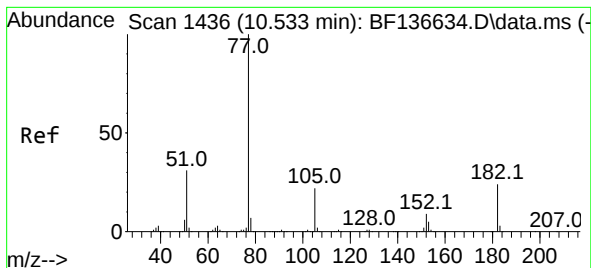


#62
4-Nitroaniline
Concen: 39.390 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



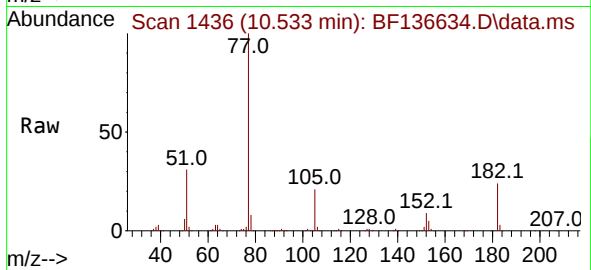
Tgt Ion:138 Resp: 110081
Ion Ratio Lower Upper
138 100
92 48.8 28.8 68.8
108 67.2 47.2 87.2





#63
Azobenzene
Concen: 40.429 ng
RT: 10.533 min Scan# 1436
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

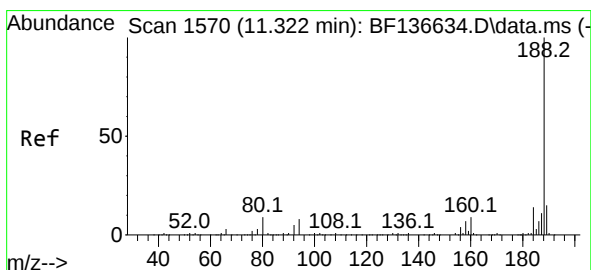
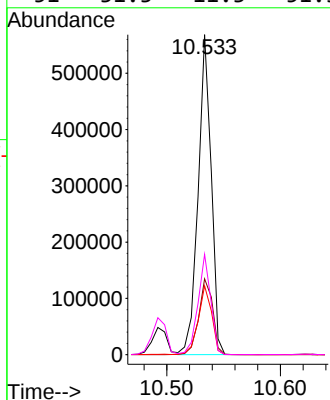
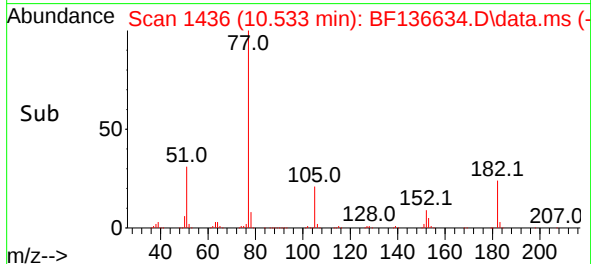
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



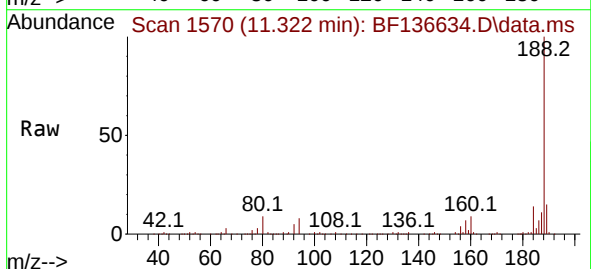
Tgt Ion: 77 Resp: 45314
Ion Ratio Lower Upper
77 100
182 23.7 3.7 43.7
105 21.5 1.5 41.5
51 31.3 11.3 51.3

Manual Integrations
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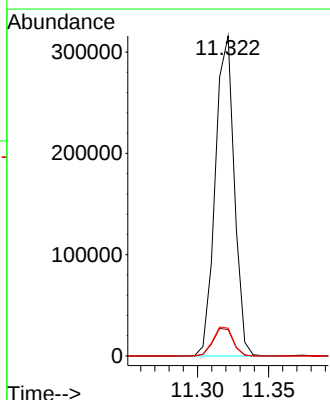
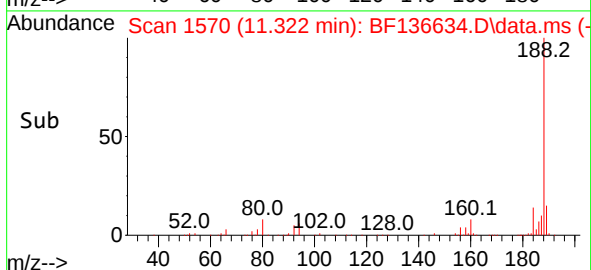
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

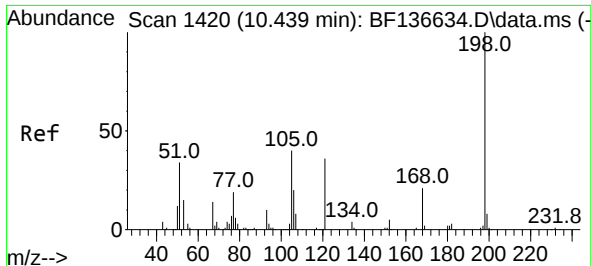


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:188 Resp: 293535
Ion Ratio Lower Upper
188 100
94 8.3 6.6 10.0
80 8.7 7.0 10.4





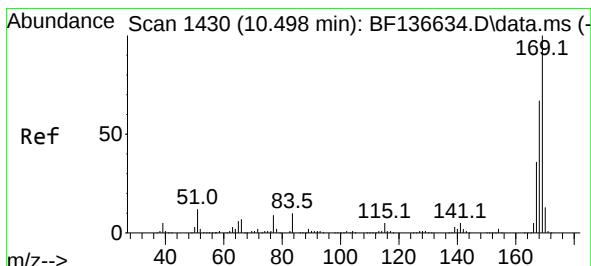
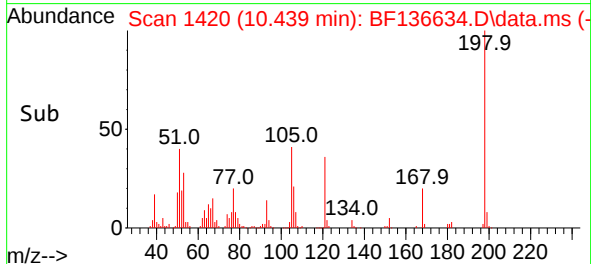
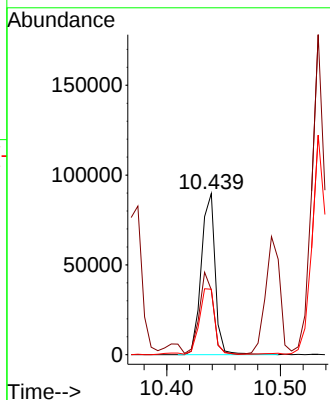
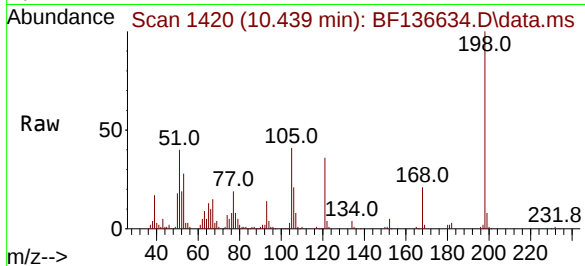
#65
4,6-Dinitro-2-methylphenol
Concen: 44.045 ng
RT: 10.439 min Scan# 1420
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Instrument :
BNA_F
ClientSampleId :
SSTDICCC040

Tgt Ion:198 Resp: 76335
Ion Ratio Lower Upper
198 100
51 40.2 20.2 60.2
105 40.6 20.6 60.6

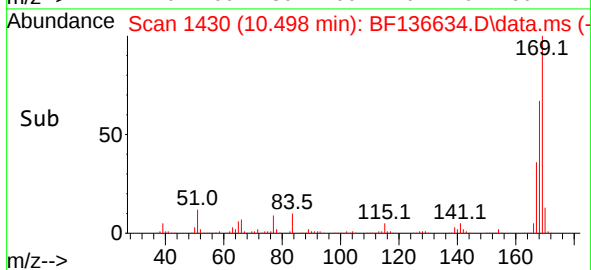
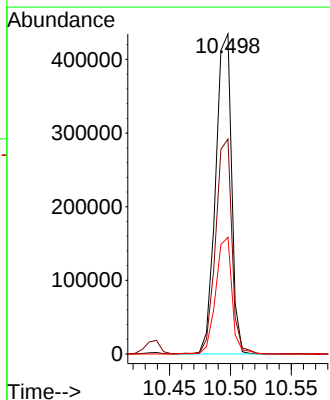
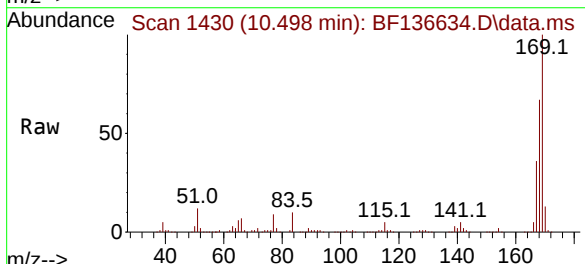
Manual Integrations
APPROVED

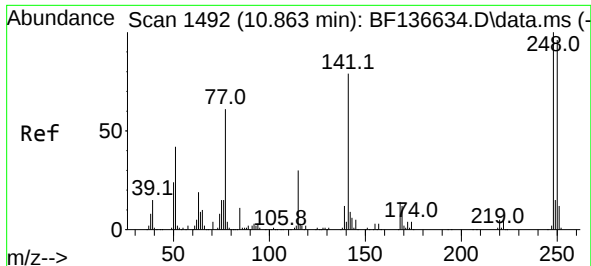
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#66
n-Nitrosodiphenylamine
Concen: 41.113 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

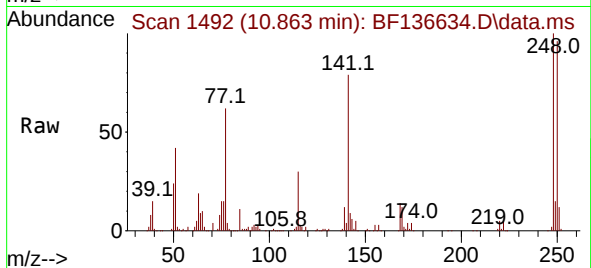
Tgt Ion:169 Resp: 396599
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 41.992 ng
RT: 10.863 min Scan# 1492
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

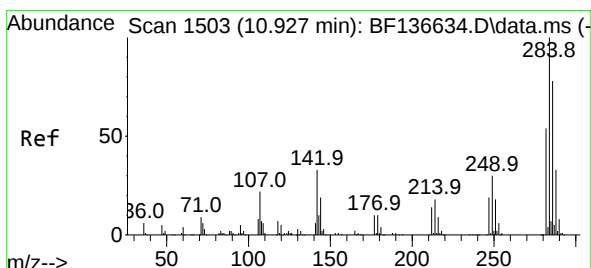
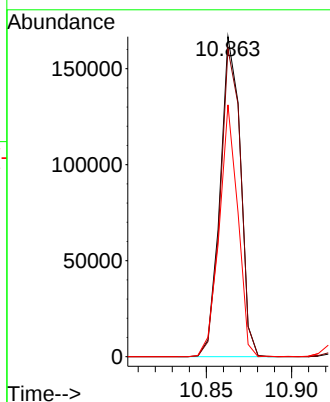
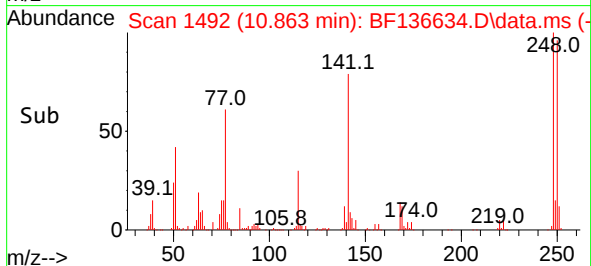
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



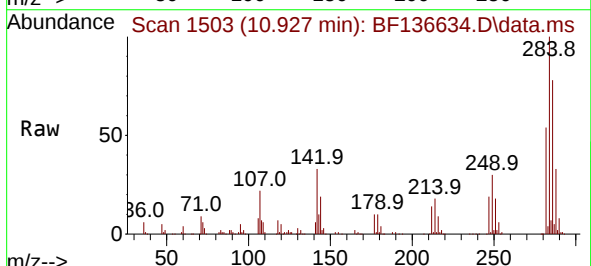
Tgt Ion:248 Resp: 137768
Ion Ratio Lower Upper
248 100
250 96.2 77.0 115.4
141 78.7 63.0 94.4

Manual Integrations
APPROVED

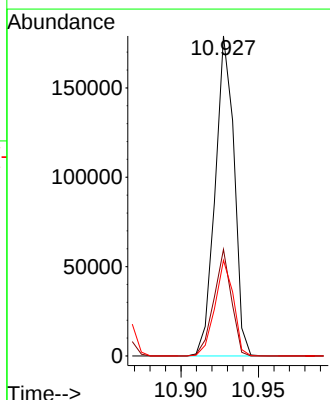
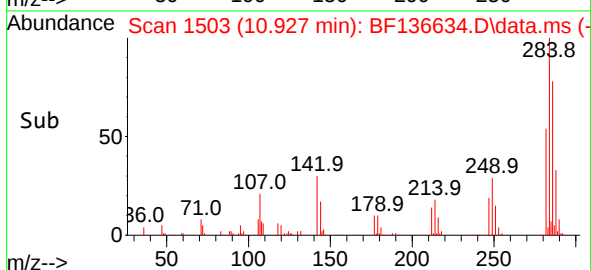
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

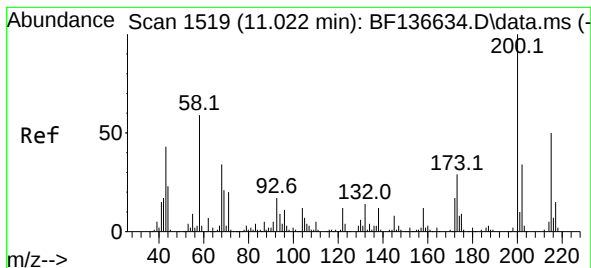


#68
Hexachlorobenzene
Concen: 41.516 ng
RT: 10.927 min Scan# 1503
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:284 Resp: 151974
Ion Ratio Lower Upper
284 100
142 33.3 26.6 40.0
249 29.9 23.9 35.9





#69

Atrazine

Concen: 34.914 ng

RT: 11.022 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

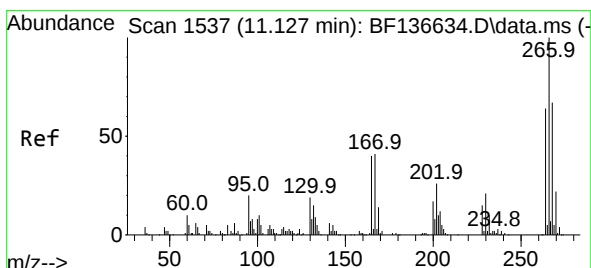
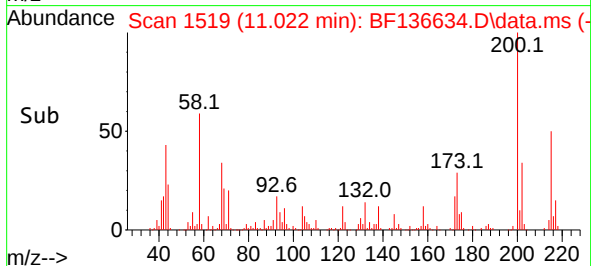
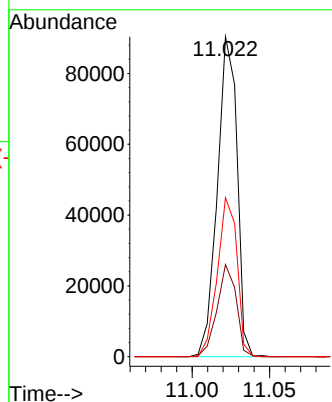
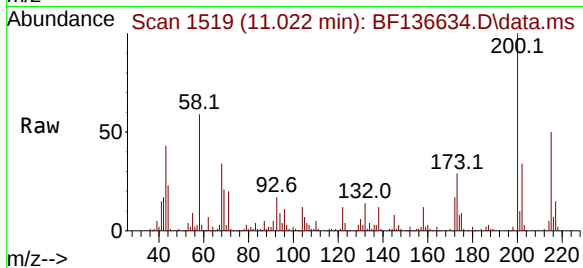
SSTDICCC040

Tgt Ion:200 Resp: 80025
 Ion Ratio Lower Upper
 200 100
 173 28.8 8.8 48.8
 215 49.7 29.7 69.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023



#70

Pentachlorophenol

Concen: 43.906 ng

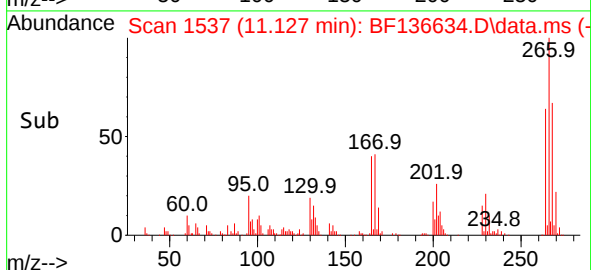
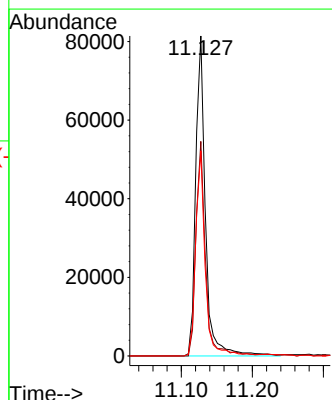
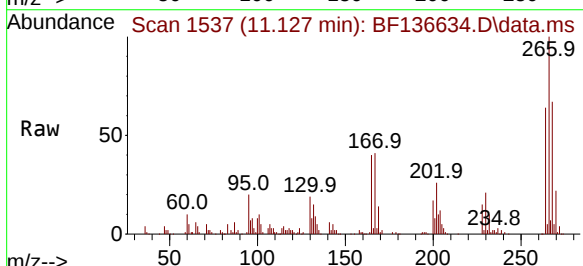
RT: 11.127 min Scan# 1537

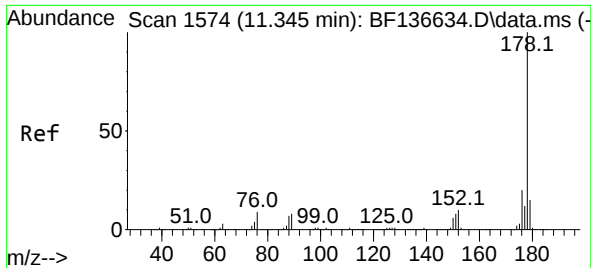
Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

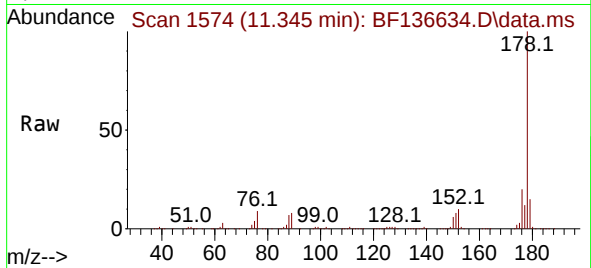
Tgt Ion:266 Resp: 78120
 Ion Ratio Lower Upper
 266 100
 268 67.0 53.6 80.4
 264 64.1 51.3 76.9





#71
Phenanthrene
Concen: 40.229 ng
RT: 11.345 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

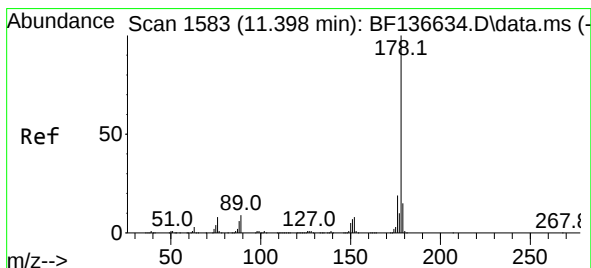
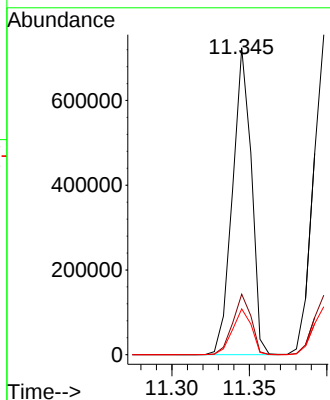
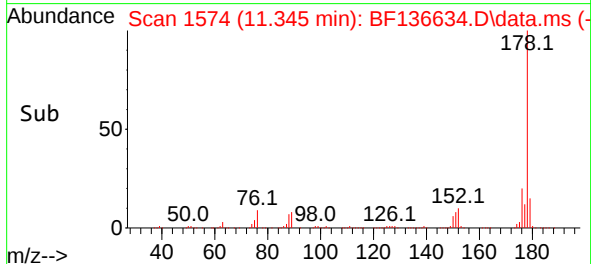
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:178 Resp: 60994
Ion Ratio Lower Upper
178 100
176 19.7 15.8 23.6
179 14.9 11.9 17.9

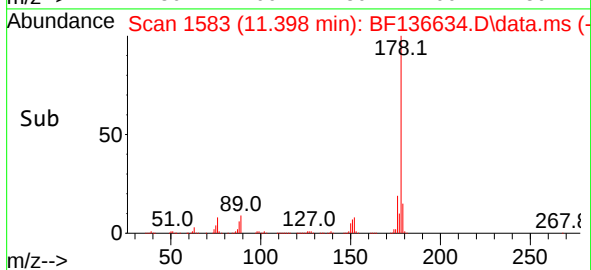
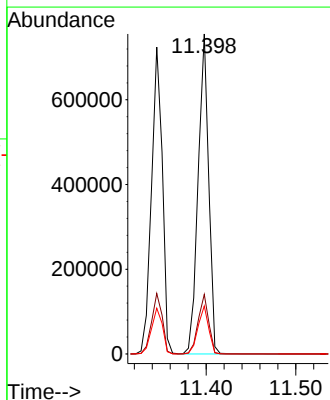
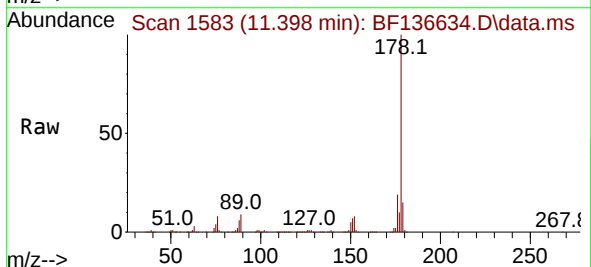
Manual Integrations
APPROVED

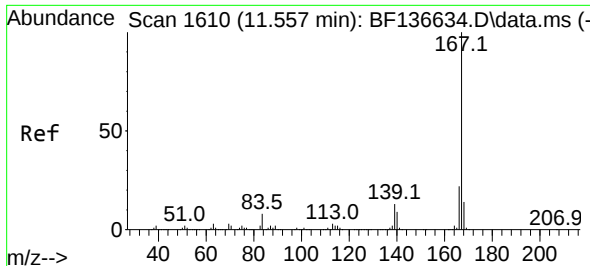
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#72
Anthracene
Concen: 40.349 ng
RT: 11.398 min Scan# 1583
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

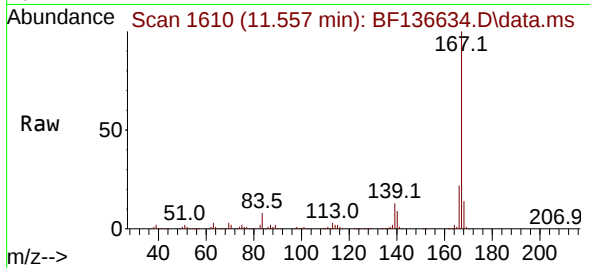
Tgt Ion:178 Resp: 618490
Ion Ratio Lower Upper
178 100
176 18.6 14.9 22.3
179 15.0 12.0 18.0





#73
 Carbazole
 Concen: 39.646 ng
 RT: 11.557 min Scan# 1610
 Delta R.T. 0.000 min
 Lab File: BF136634.D
 Acq: 19 Dec 2023 17:09

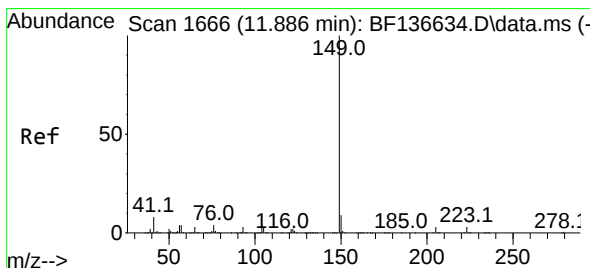
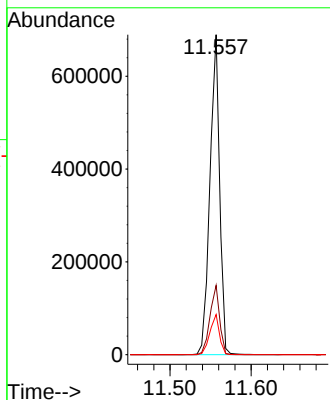
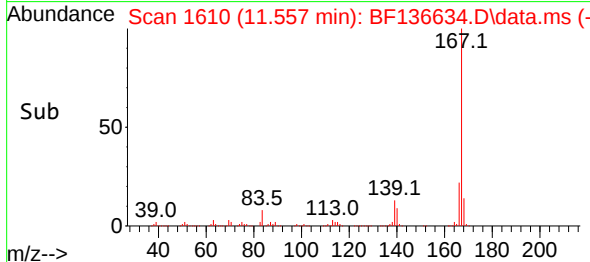
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC040



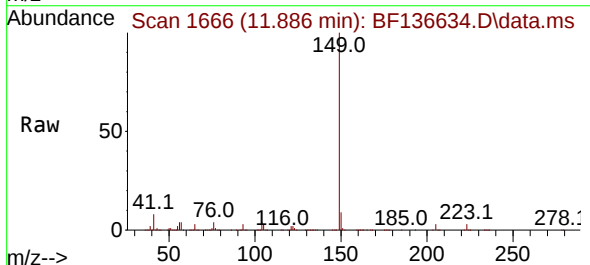
Tgt Ion:167 Resp: 56930
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.0
 139 12.5 10.0 15.0

Manual Integrations
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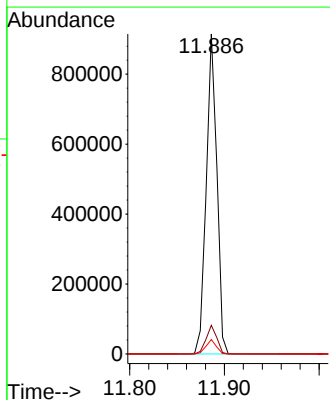
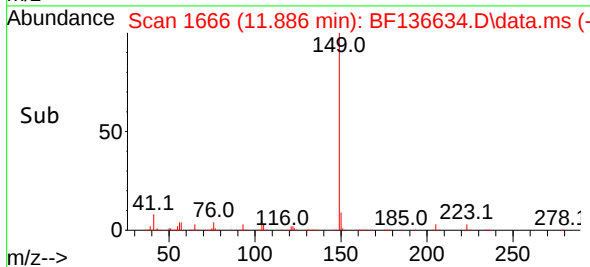
Reviewed By :Yogesh Patel 12/20/2023
 Supervised By :mohammad ahmed 12/20/2023

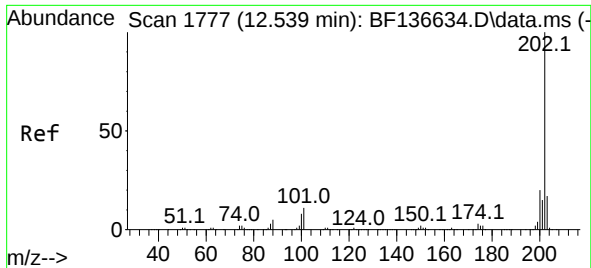


#74
 Di-n-butylphthalate
 Concen: 40.361 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. 0.000 min
 Lab File: BF136634.D
 Acq: 19 Dec 2023 17:09



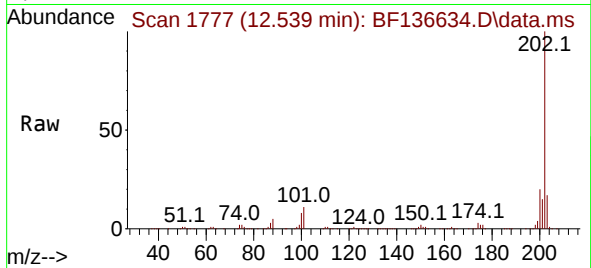
Tgt Ion:149 Resp: 708139
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 39.085 ng
RT: 12.539 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

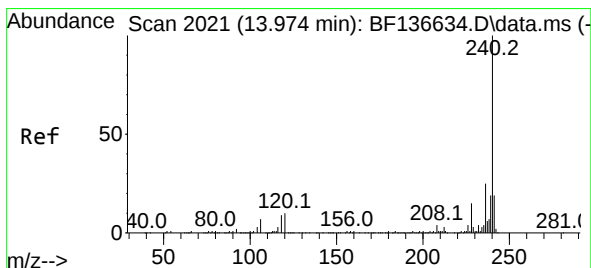
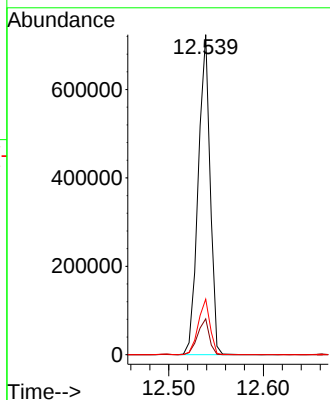
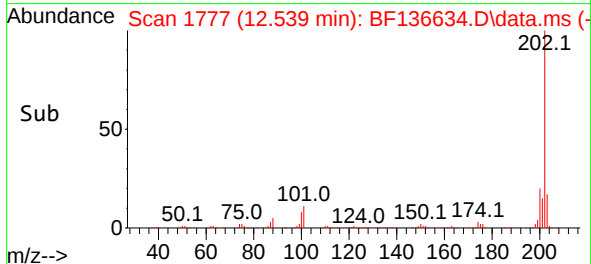
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



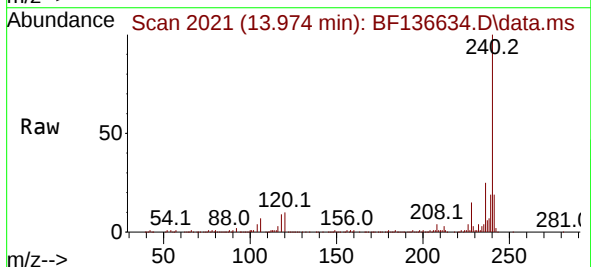
Tgt Ion:202 Resp: 631508
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.2
203 17.4 0.0 37.4

Manual Integrations
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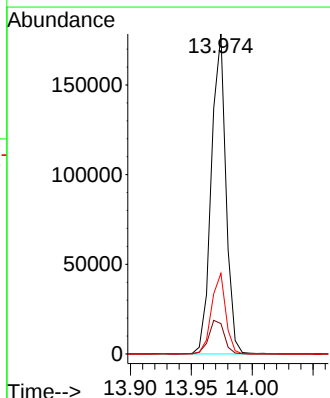
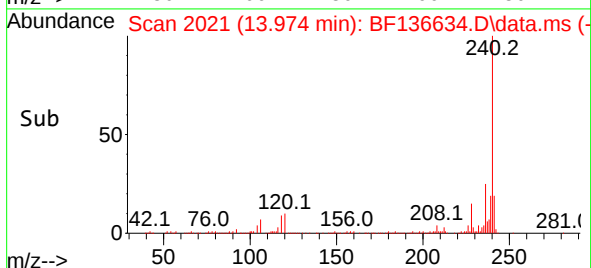
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

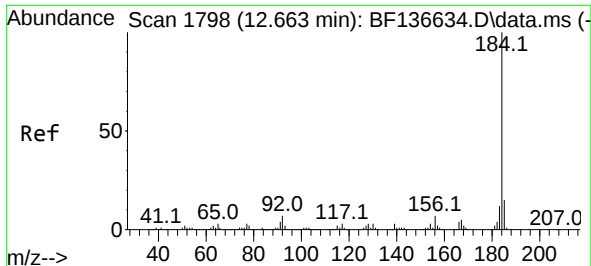


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



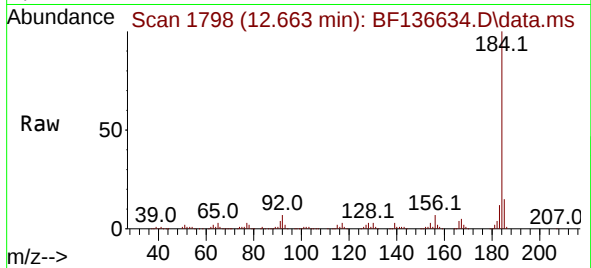
Tgt Ion:240 Resp: 148300
Ion Ratio Lower Upper
240 100
120 9.5 7.6 11.4
236 25.2 20.2 30.2





#77
Benzidine
Concen: 39.112 ng
RT: 12.663 min Scan# 1798
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

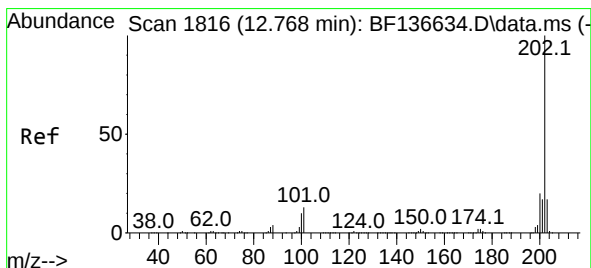
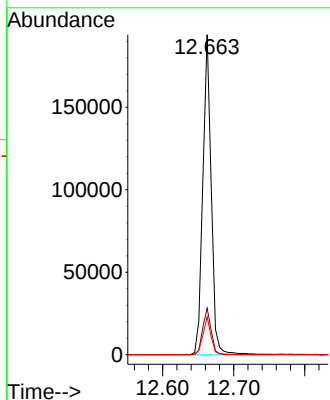
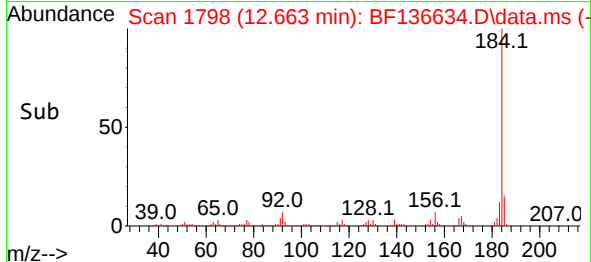
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



Tgt Ion:184 Resp: 160370
Ion Ratio Lower Upper
184 100
185 14.6 11.7 17.5
183 11.9 9.5 14.3

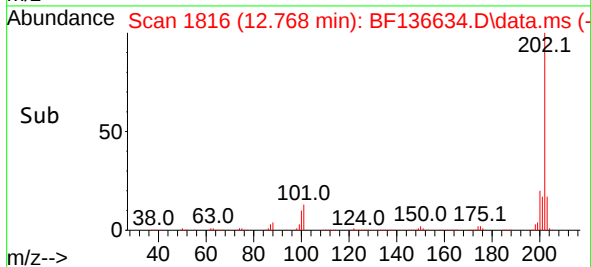
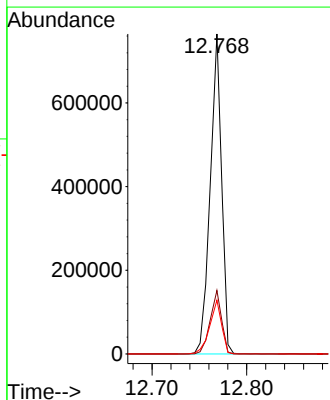
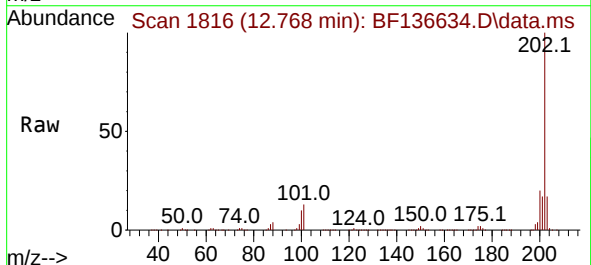
Manual Integrations
APPROVED

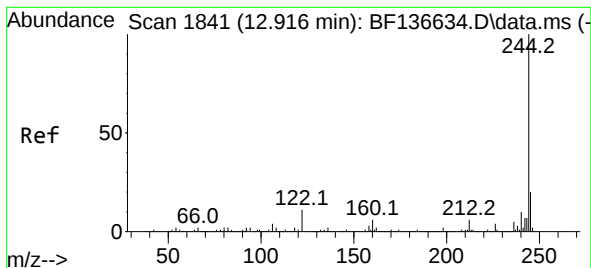
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#78
Pyrene
Concen: 43.668 ng
RT: 12.768 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

Tgt Ion:202 Resp: 638843
Ion Ratio Lower Upper
202 100
200 19.9 15.9 23.9
203 16.8 13.4 20.2





#79

Terphenyl-d14

Concen: 84.518 ng

RT: 12.916 min Scan# 1841

Delta R.T. 0.000 min

Lab File: BF136634.D

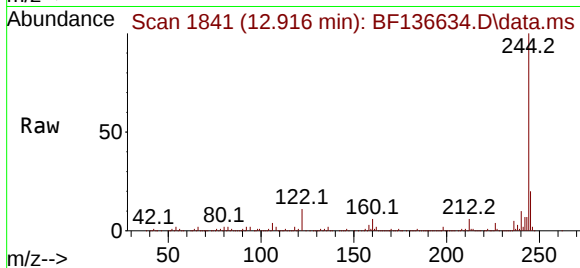
Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

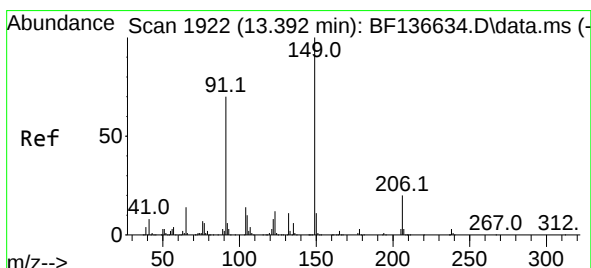
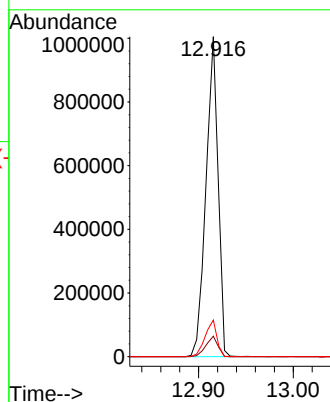
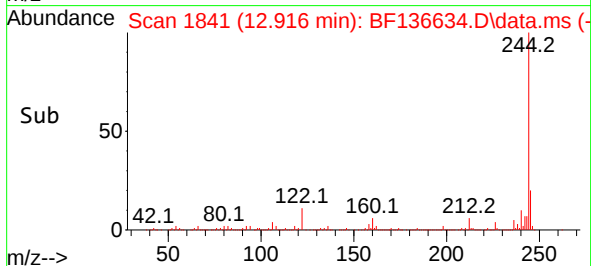


Tgt Ion:244	Resp: 890094
Ion Ratio	Lower Upper
244	100
212	6.4 5.1 7.7
122	11.5 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#80

Butylbenzylphthalate

Concen: 42.734 ng

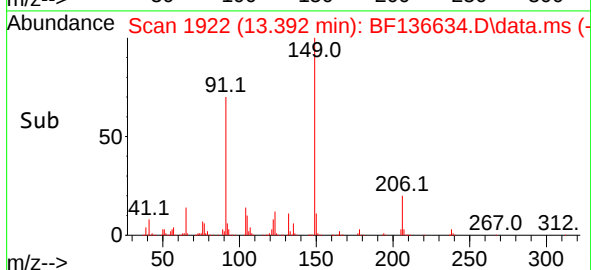
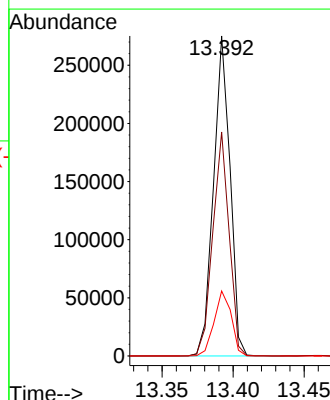
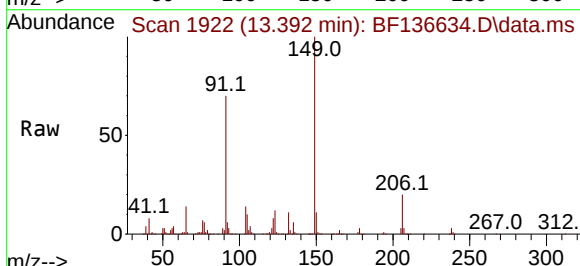
RT: 13.392 min Scan# 1922

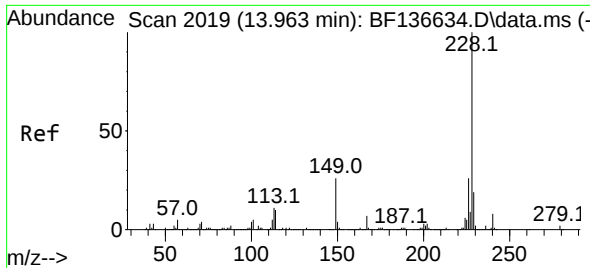
Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

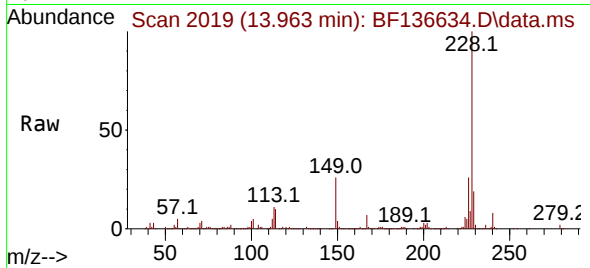
Tgt Ion:149	Resp: 221947
Ion Ratio	Lower Upper
149	100
91	70.0 56.0 84.0
206	20.3 16.2 24.4





#81
Benzo(a)anthracene
Concen: 40.767 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

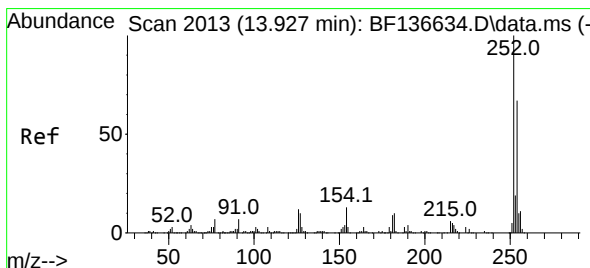
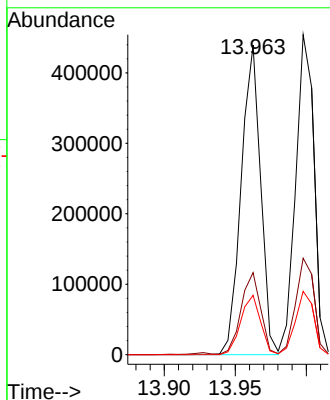
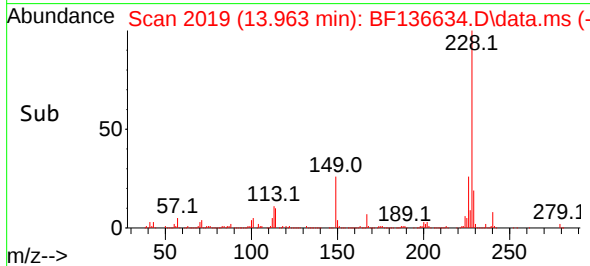
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



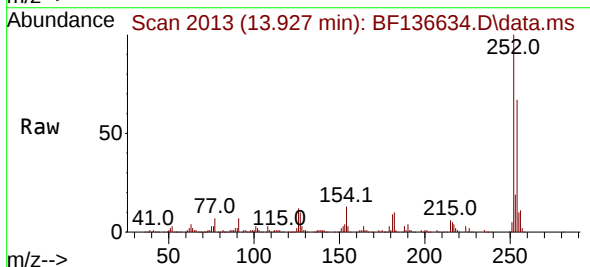
Tgt Ion:228 Resp: 419168
Ion Ratio Lower Upper
228 100
226 26.5 21.2 31.8
229 19.2 15.4 23.0

Manual Integrations
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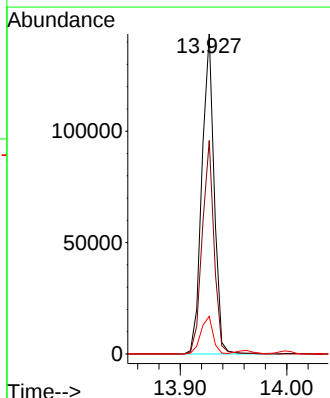
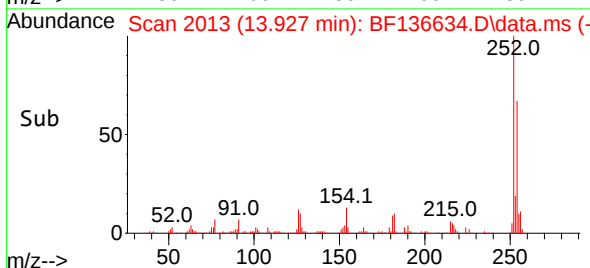
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

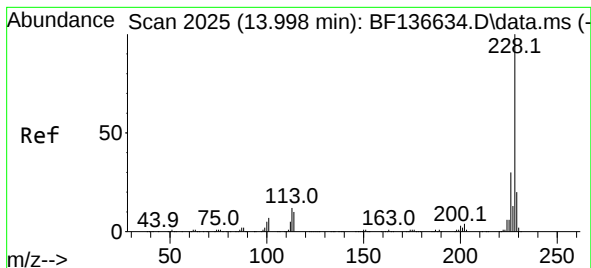


#82
3,3'-Dichlorobenzidine
Concen: 41.356 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:252 Resp: 115163
Ion Ratio Lower Upper
252 100
254 66.7 53.4 80.0
126 11.8 9.4 14.2





#83

Chrysene

Concen: 41.081 ng

RT: 13.998 min Scan# 2025

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

Instrument :

BNA_F

ClientSampleId :

SSTDICCC040

Tgt Ion:228 Resp: 40810

Ion Ratio Lower Upper

228 100

226 30.2 24.2 36.2

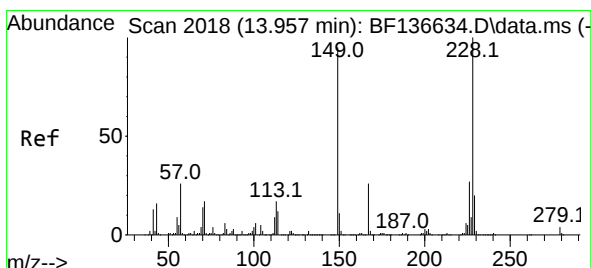
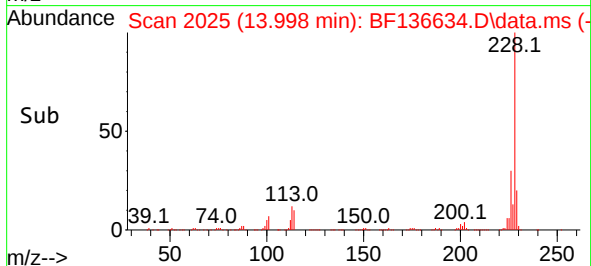
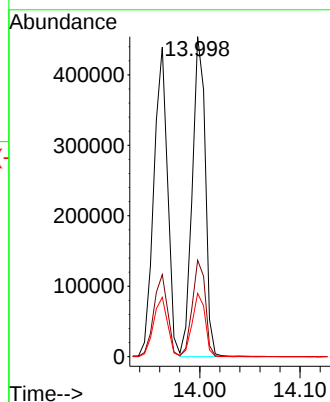
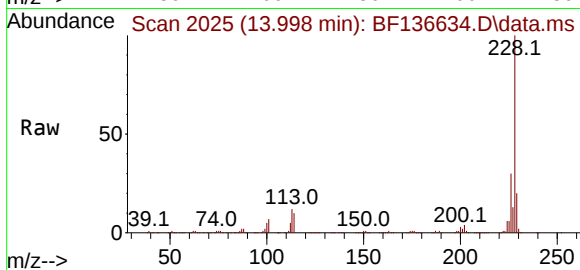
229 19.8 15.8 23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/20/2023

Supervised By :mohammad ahmed 12/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 43.356 ng

RT: 13.957 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF136634.D

Acq: 19 Dec 2023 17:09

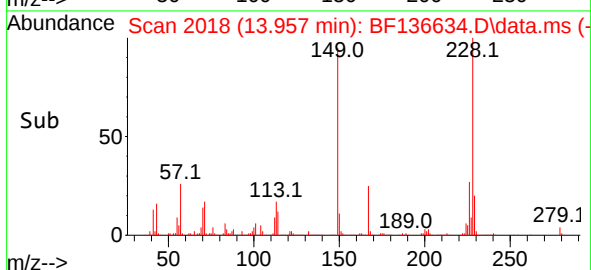
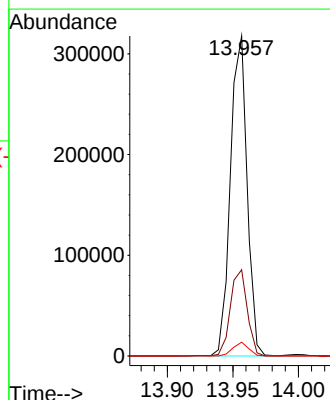
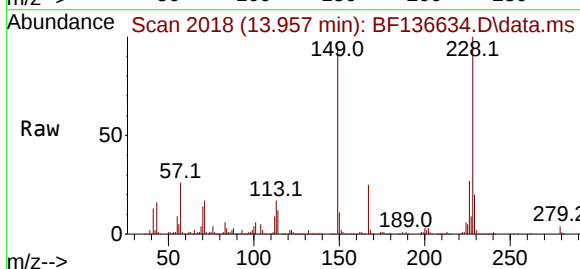
Tgt Ion:149 Resp: 281459

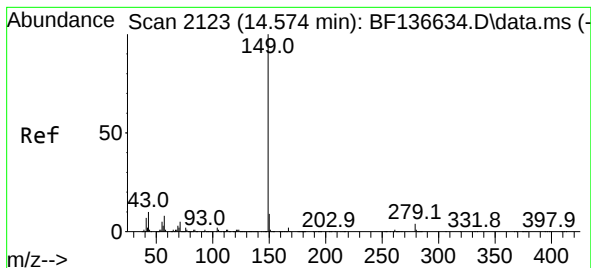
Ion Ratio Lower Upper

149 100

167 26.9 21.5 32.3

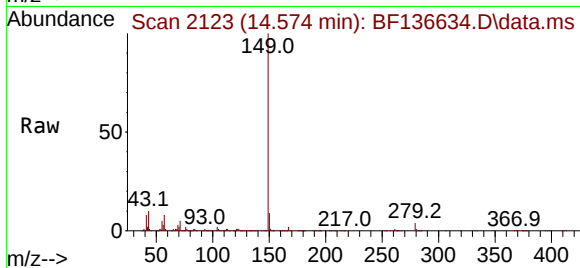
279 4.3 3.4 5.2





#85
Di-n-octyl phthalate
Concen: 43.347 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

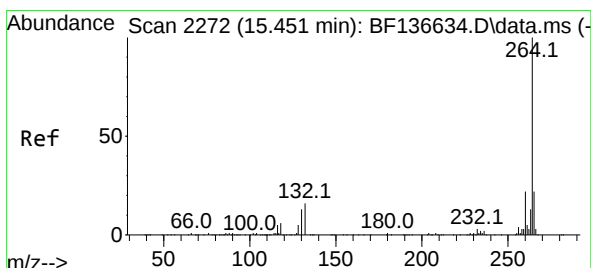
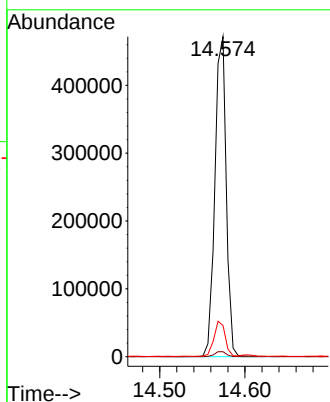
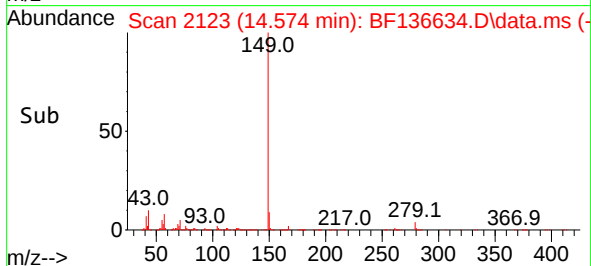
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



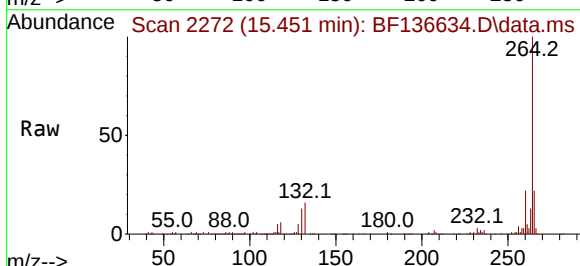
Tgt Ion:149 Resp: 438560
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 10.9 8.7 13.1

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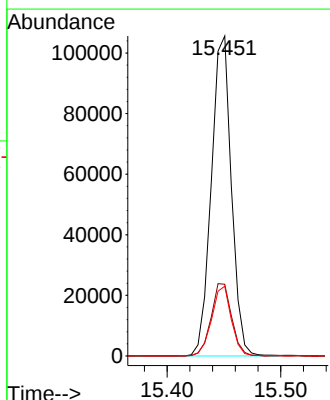
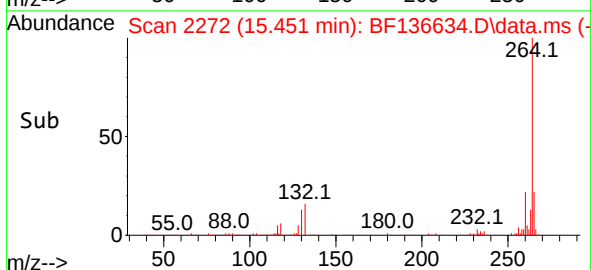
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

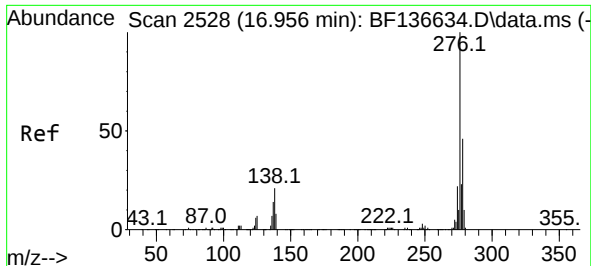


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.451 min Scan# 2272
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



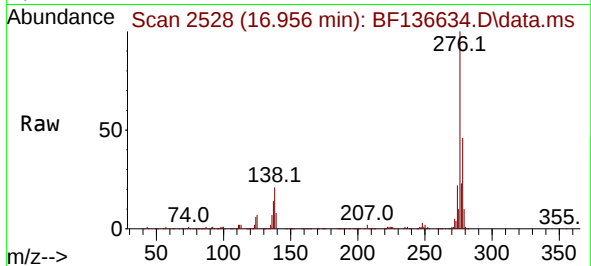
Tgt Ion:264 Resp: 129733
Ion Ratio Lower Upper
264 100
260 22.4 17.9 26.9
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 43.772 ng
RT: 16.956 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

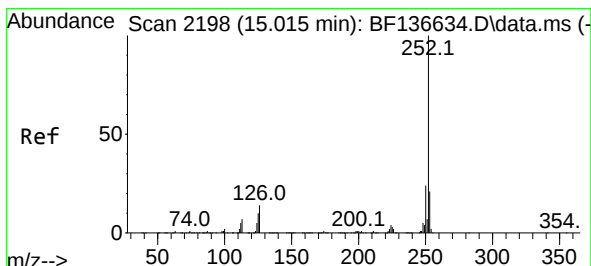
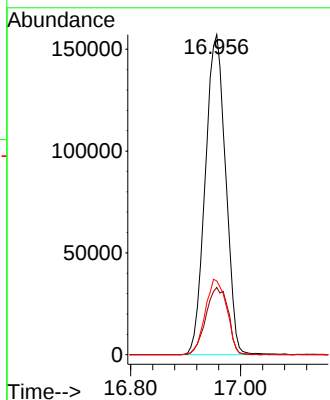
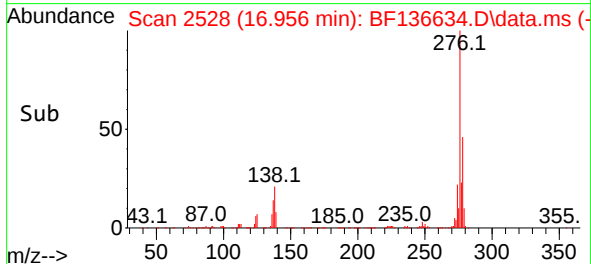
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



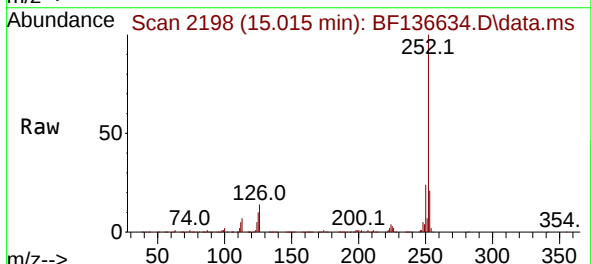
Tgt Ion:276 Resp: 403774
Ion Ratio Lower Upper
276 100
138 23.1 18.5 27.7
277 24.9 19.9 29.9

Manual Integrations
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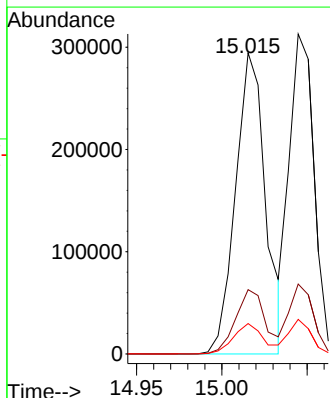
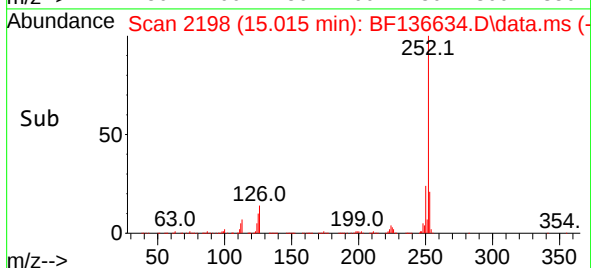
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

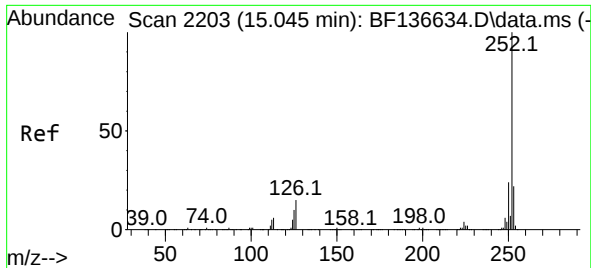


#88
Benzo(b)fluoranthene
Concen: 41.474 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



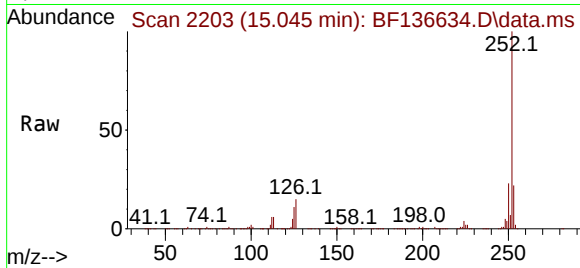
Tgt Ion:252 Resp: 361299
Ion Ratio Lower Upper
252 100
253 21.4 17.1 25.7
125 10.1 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 39.022 ng
RT: 15.045 min Scan# 2203
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

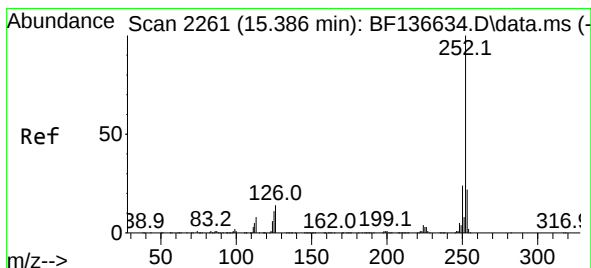
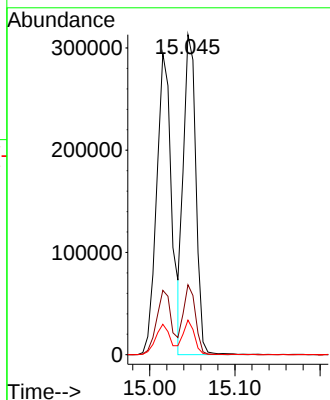
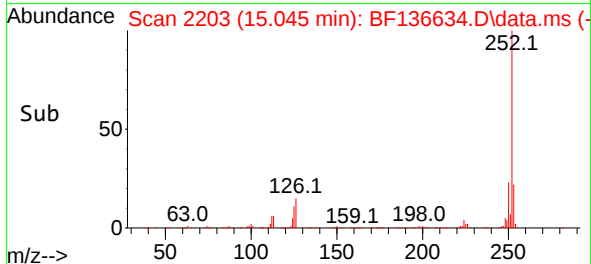
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



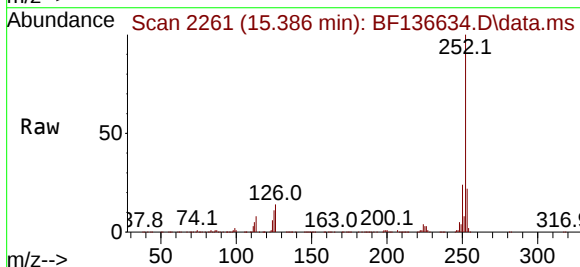
Tgt Ion:252 Resp: 317924
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 10.8 8.6 13.0

Manual Integrations
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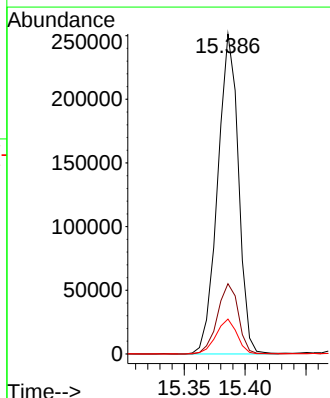
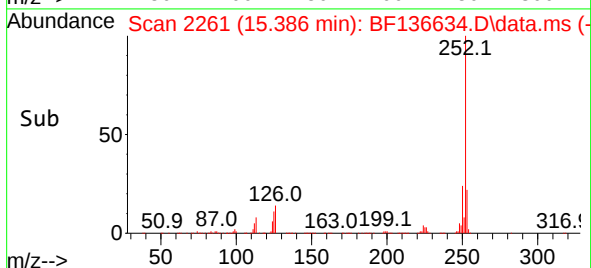
Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023

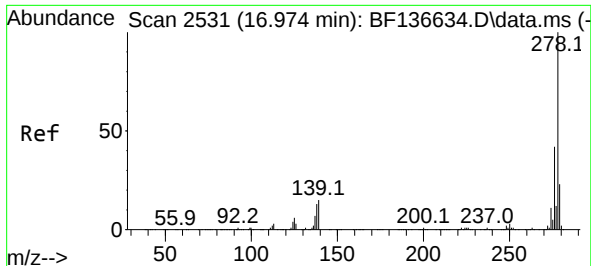


#90
Benzo(a)pyrene
Concen: 40.532 ng
RT: 15.386 min Scan# 2261
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



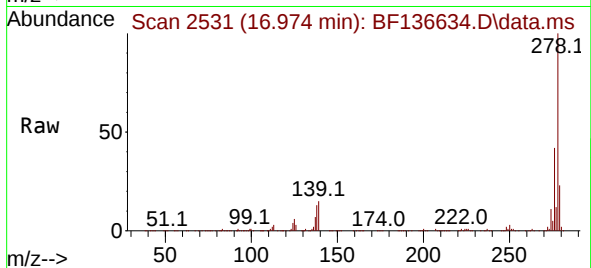
Tgt Ion:252 Resp: 298395
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 10.9 8.7 13.1





#91
Dibenzo(a,h)anthracene
Concen: 43.929 ng
RT: 16.974 min Scan# 2531
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09

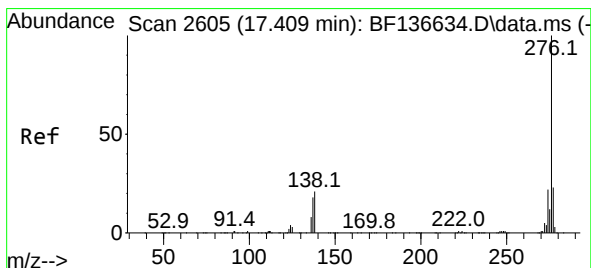
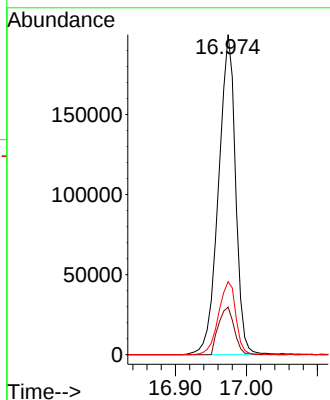
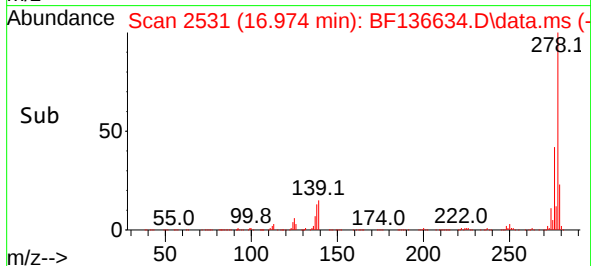
Instrument :
BNA_F
ClientSampleId :
SSTDICCC040



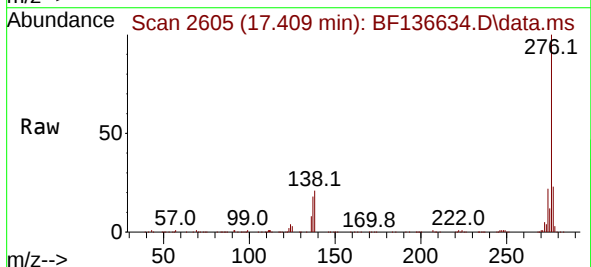
Tgt Ion:278 Resp: 33224
Ion Ratio Lower Upper
278 100
139 14.9 11.9 17.9
279 22.8 18.2 27.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/20/2023
Supervised By :mohammad ahmed 12/20/2023



#92
Benzo(g,h,i)perylene
Concen: 44.478 ng
RT: 17.409 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF136634.D
Acq: 19 Dec 2023 17:09



Tgt Ion:276 Resp: 346138
Ion Ratio Lower Upper
276 100
277 23.0 18.4 27.6
138 20.7 16.6 24.8

