

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110423\
 Data File : BF136147.D
 Acq On : 04 Nov 2023 16:06
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

Quant Time: Nov 06 01:01:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF103023.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 06 00:53:35 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	111481	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	428301	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	223713	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	402732	20.000	ng	0.00
76) Chrysene-d12	14.010	240	195390	20.000	ng	0.00
86) Perylene-d12	15.498	264	275356	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	543991	76.680	ng	0.00
7) Phenol-d6	6.457	99	677633	76.663	ng	0.00
23) Nitrobenzene-d5	7.387	82	611466	86.063	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	199440	83.522	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1172271	83.532	ng	0.00
79) Terphenyl-d14	12.951	244	1211958	96.393	ng	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	2.552	88	113769	36.828	ng	97
3) Pyridine	3.304	79	305568	36.239	ng	98
4) n-Nitrosodimethylamine	3.275	42	133801	37.953	ng	90
6) Aniline	6.487	93	440985	38.534	ng	98
8) 2-Chlorophenol	6.604	128	294335	38.806	ng	98
9) Benzaldehyde	6.375	77	192665	39.090	ng	99
10) Phenol	6.469	94	375659	41.090	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	277613	38.788	ng	99
12) 1,3-Dichlorobenzene	6.763	146	312123	39.539	ng	98
13) 1,4-Dichlorobenzene	6.840	146	309606	39.135	ng	98
14) 1,2-Dichlorobenzene	6.992	146	291181	39.363	ng	99
15) Benzyl Alcohol	6.963	79	252476	40.284	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.098	45	374747	38.040	ng	99
17) 2-Methylphenol	7.075	107	247633	38.486	ng	97
18) Hexachloroethane	7.328	117	114310	41.110	ng	95
19) n-Nitroso-di-n-propyla...	7.239	70	196120	38.832	ng	99
20) 3+4-Methylphenols	7.228	107	300472	38.296	ng	99
22) Acetophenone	7.234	105	382490	40.274	ng	97
24) Nitrobenzene	7.404	77	300502	41.813	ng	95
25) Isophorone	7.639	82	549190	40.944	ng	99
26) 2-Nitrophenol	7.716	139	151699	46.264	ng	93
27) 2,4-Dimethylphenol	7.757	122	253007	40.833	ng	98
28) bis(2-Chloroethoxy)met...	7.857	93	332774	40.491	ng	97
29) 2,4-Dichlorophenol	7.957	162	245627	42.050	ng	98
30) 1,2,4-Trichlorobenzene	8.039	180	264141	41.452	ng	99
31) Naphthalene	8.122	128	852583	41.280	ng	99
32) Benzoic acid	7.869	122	184006m	38.235	ng	
33) 4-Chloroaniline	8.175	127	364813	40.334	ng	97
34) Hexachlorobutadiene	8.239	225	160759	43.991	ng	99
35) Caprolactam	8.551	113	78217	41.181	ng	93
36) 4-Chloro-3-methylphenol	8.651	107	258923	42.222	ng	96
37) 2-Methylnaphthalene	8.816	142	572586	41.346	ng	100
38) 1-Methylnaphthalene	8.916	142	543698	42.188	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	262909	41.208	ng	99
41) Hexachlorocyclopentadiene	8.969	237	133047	39.033	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	171190	41.152	ng	99

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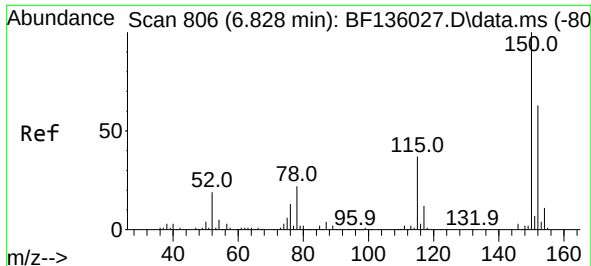
Manual Integrations
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	200022	41.509	ng	95
46) 1,1'-Biphenyl	9.281	154	708258	41.530	ng	99
47) 2-Chloronaphthalene	9.304	162	513541	40.847	ng	98
48) 2-Nitroaniline	9.404	65	162733	43.737	ng	94
49) Acenaphthylene	9.722	152	814642	41.536	ng	99
50) Dimethylphthalate	9.586	163	625348	42.378	ng	100
51) 2,6-Dinitrotoluene	9.645	165	138811	43.982	ng	92
52) Acenaphthene	9.898	154	542896	43.543	ng	100
53) 3-Nitroaniline	9.816	138	152978	41.541	ng	95
54) 2,4-Dinitrophenol	9.916	184	59072	39.068	ng	# 85
55) Dibenzofuran	10.069	168	753994	41.473	ng	99
56) 4-Nitrophenol	9.969	139	109748	39.841	ng	# 80
57) 2,4-Dinitrotoluene	10.051	165	179942	45.062	ng	96
58) Fluorene	10.410	166	564300	41.456	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.180	232	158489	41.370	ng	99
60) Diethylphthalate	10.286	149	614474	43.582	ng	98
61) 4-Chlorophenyl-phenyle...	10.404	204	285783	42.059	ng	93
62) 4-Nitroaniline	10.433	138	146701	41.370	ng	97
63) Azobenzene	10.569	77	567775	41.814	ng	97
65) 4,6-Dinitro-2-methylph...	10.457	198	90176	41.625	ng	83
66) n-Nitrosodiphenylamine	10.528	169	513061	42.231	ng	99
67) 4-Bromophenyl-phenylether	10.898	248	189169	44.802	ng	95
68) Hexachlorobenzene	10.957	284	193134	42.828	ng	# 89
69) Atrazine	11.057	200	134054	40.555	ng	98
70) Pentachlorophenol	11.151	266	119163	41.146	ng	97
71) Phenanthrene	11.380	178	846963	41.768	ng	99
72) Anthracene	11.427	178	864565	41.609	ng	100
73) Carbazole	11.586	167	705778	39.088	ng	99
74) Di-n-butylphthalate	11.927	149	937584	45.443	ng	99
75) Fluoranthene	12.574	202	808991	38.835	ng	97
77) Benzidine	12.698	184	187779	49.308	ng	99
78) Pyrene	12.804	202	790681	45.899	ng	99
80) Butylbenzylphthalate	13.433	149	309098	50.127	ng	99
81) Benzo(a)anthracene	13.998	228	543479	42.015	ng	100
82) 3,3'-Dichlorobenzidine	13.963	252	193136	46.780	ng	99
83) Chrysene	14.033	228	540213	42.406	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	394882	54.966	ng	98
85) Di-n-octyl phthalate	14.621	149	618528	57.472	ng	100
87) Indeno(1,2,3-cd)pyrene	17.015	276	781449	43.423	ng	99
88) Benzo(b)fluoranthene	15.063	252	596011	36.580	ng	99
89) Benzo(k)fluoranthene	15.092	252	610853	37.891	ng	100
90) Benzo(a)pyrene	15.439	252	611208	40.373	ng	98
91) Dibenzo(a,h)anthracene	17.039	278	649560	44.064	ng	98
92) Benzo(g,h,i)perylene	17.480	276	558586	34.170	ng	97

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



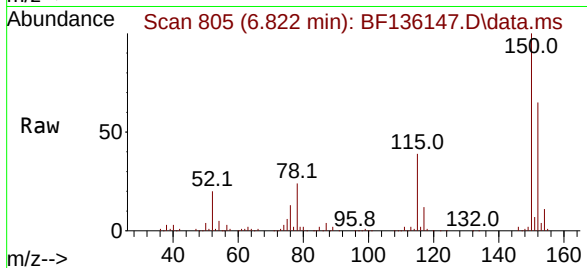
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

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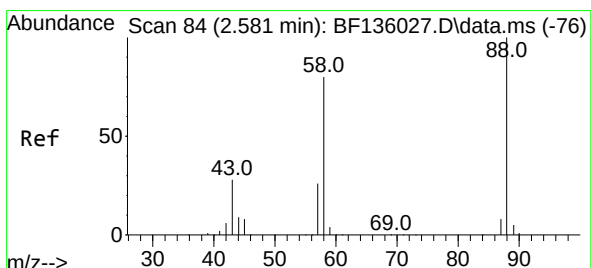
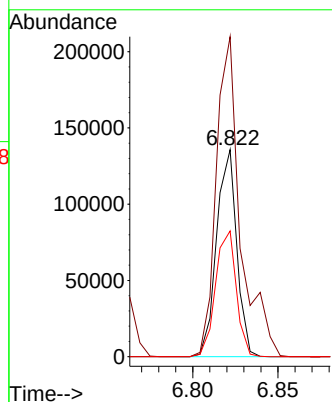
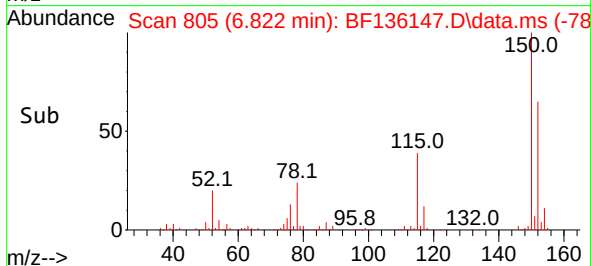


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Ion Ratio Lower Upper
152 100
150 154.6 126.4 189.6
115 60.8 47.0 70.4

Manual Integrations

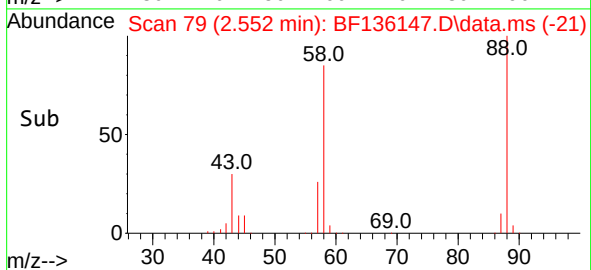
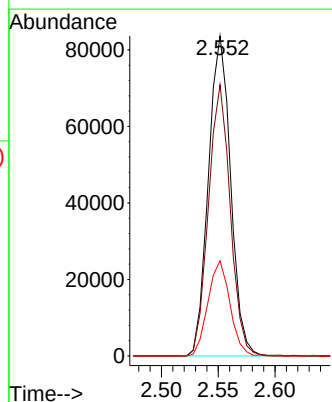
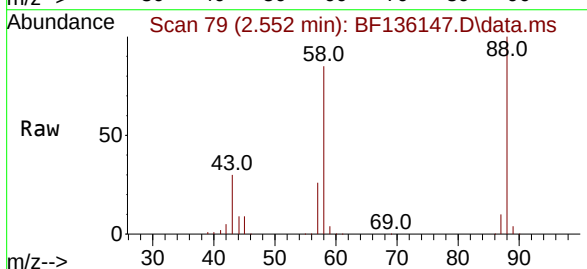
APPROVED

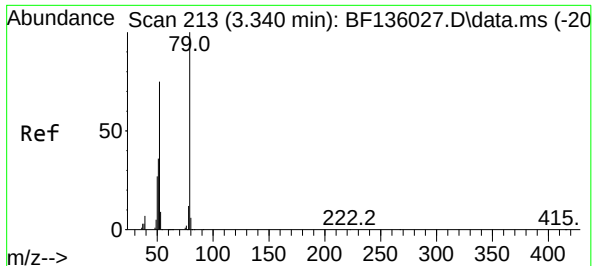
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#2
1,4-Dioxane
Concen: 36.828 ng
RT: 2.552 min Scan# 79
Delta R.T. -0.012 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion: 88 Resp: 113769
Ion Ratio Lower Upper
88 100
58 83.1 64.3 96.5
43 29.5 22.3 33.5





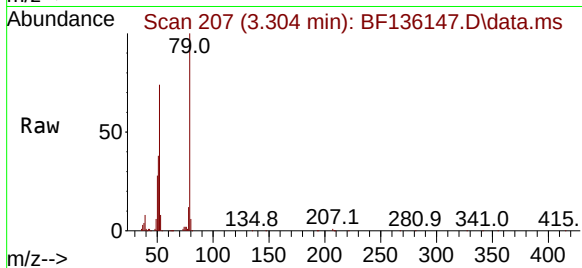
#3
Pyridine
Concen: 36.239 ng
RT: 3.304 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

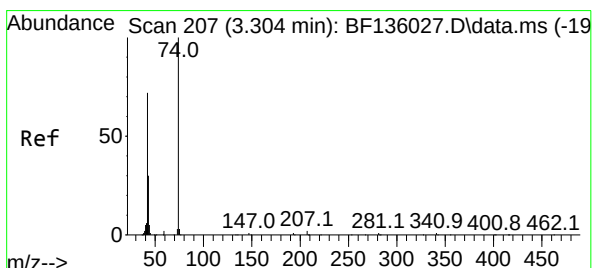
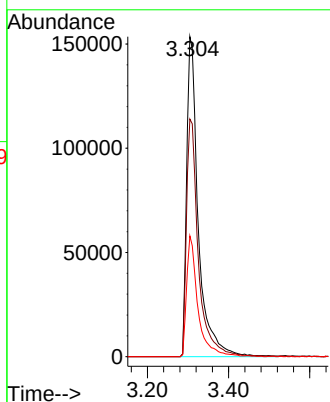
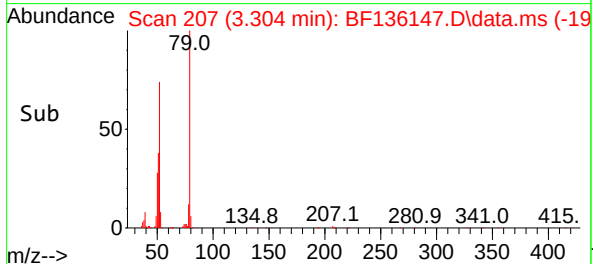
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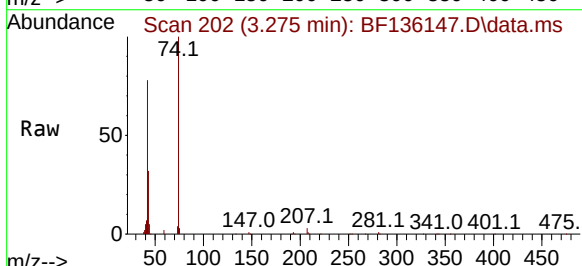
Tgt Ion: 79 Resp: 30556
Ion Ratio Lower Upper
79 100
52 74.2 60.3 90.5
51 37.8 29.3 43.9

Manual Integrations
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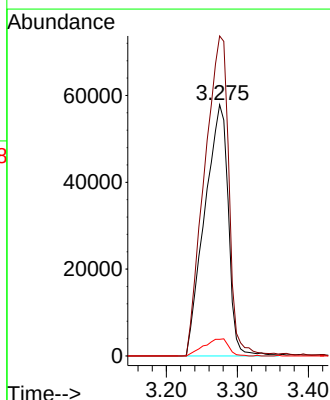
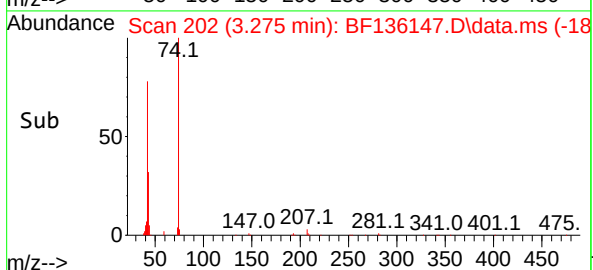
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

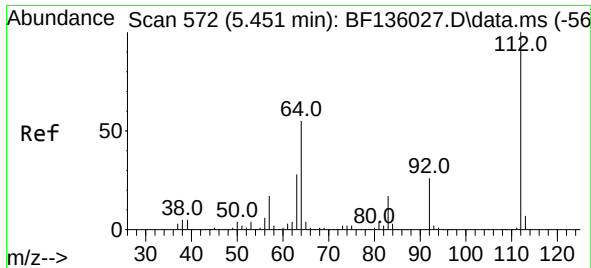


#4
n-Nitrosodimethylamine
Concen: 37.953 ng
RT: 3.275 min Scan# 202
Delta R.T. -0.018 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion: 42 Resp: 133801
Ion Ratio Lower Upper
42 100
74 127.4 111.8 167.6
44 6.6 6.2 9.4





#5
2-Fluorophenol
Concen: 76.680 ng
RT: 5.440 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

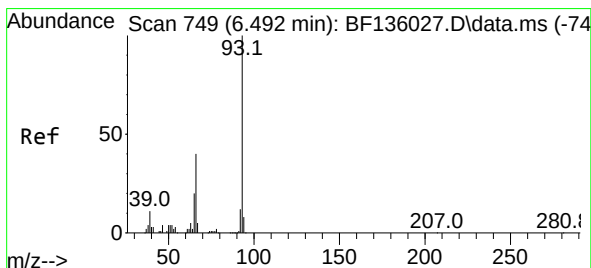
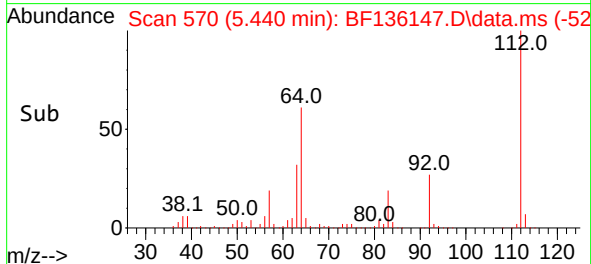
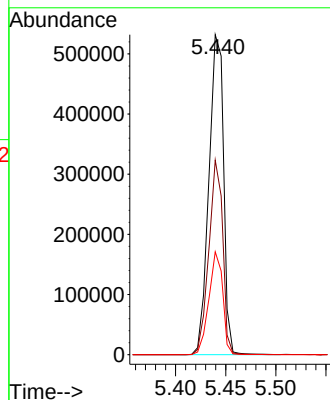
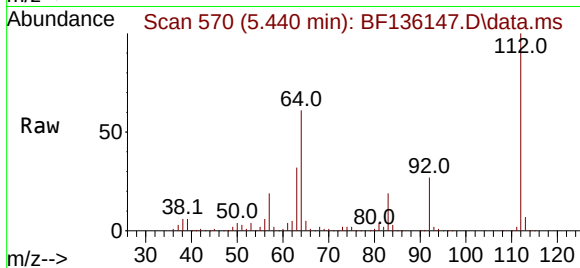
ClientSampleId :

SSTDCCC040EC

Tgt Ion:112 Resp: 54399
Ion Ratio Lower Upper
112 100
64 60.8 43.9 65.9
63 32.1 22.4 33.6

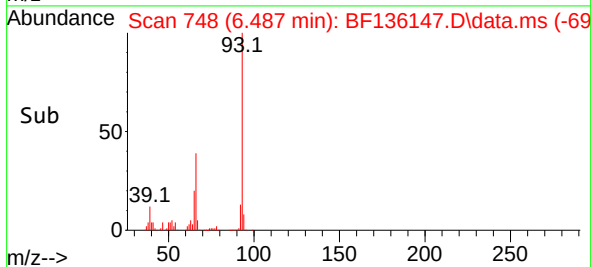
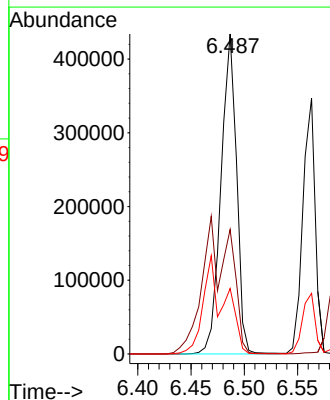
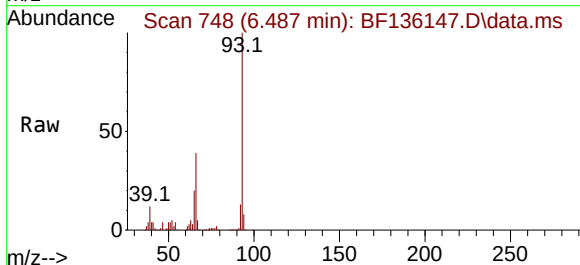
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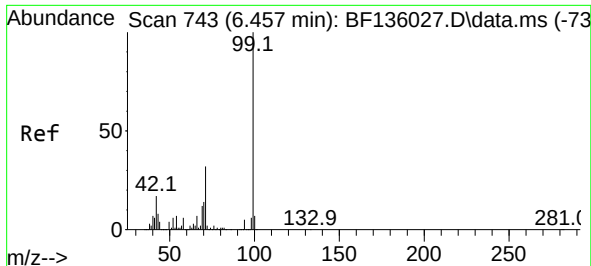
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#6
Aniline
Concen: 38.534 ng
RT: 6.487 min Scan# 748
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion: 93 Resp: 440985
Ion Ratio Lower Upper
93 100
66 38.9 32.4 48.6
65 20.4 16.2 24.2





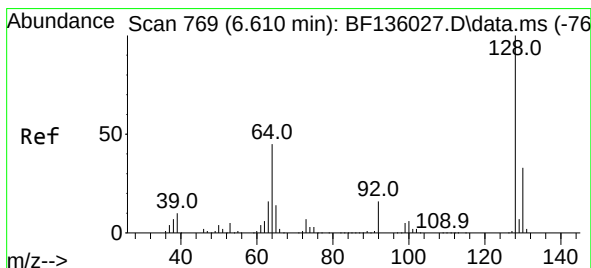
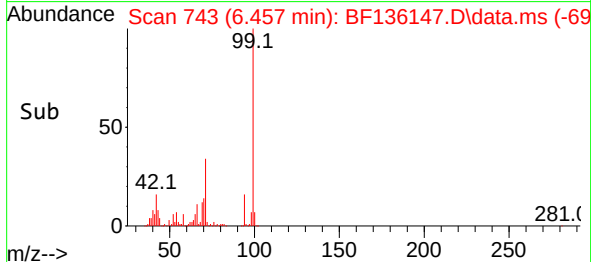
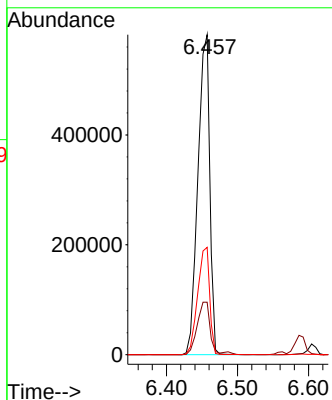
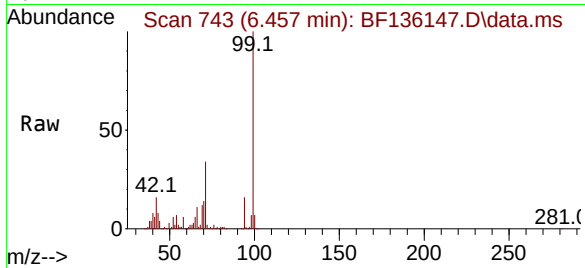
#7
Phenol-d6
Concen: 76.663 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 99 Resp: 677633
Ion Ratio Lower Upper
99 100
42 16.4 13.7 20.5
71 33.5 25.9 38.9

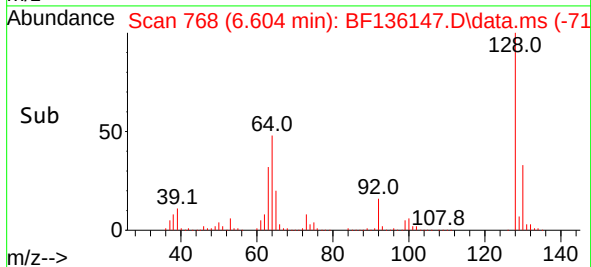
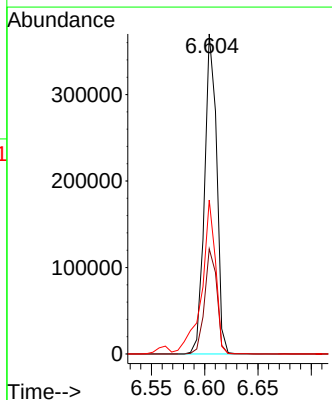
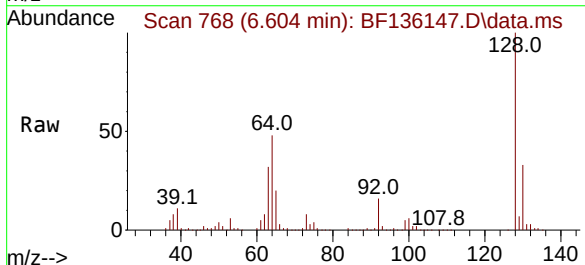
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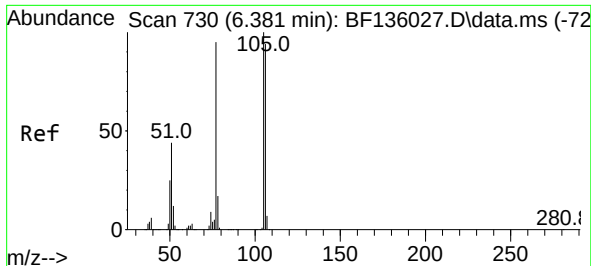
Reviewed By :Yogesh Patel 11/06/2023
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#8
2-Chlorophenol
Concen: 38.806 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

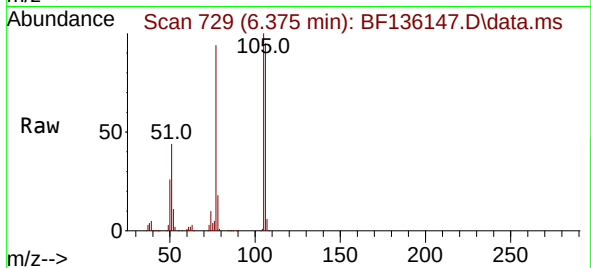
Tgt Ion:128 Resp: 294335
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 48.1 25.8 65.8





#9
Benzaldehyde
Concen: 39.090 ng
RT: 6.375 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

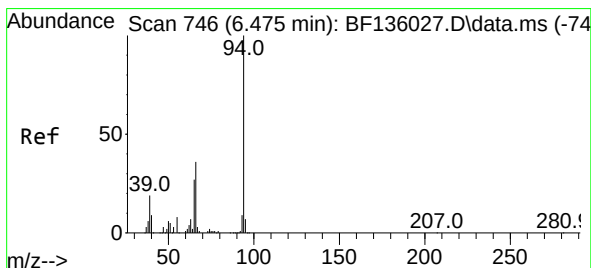
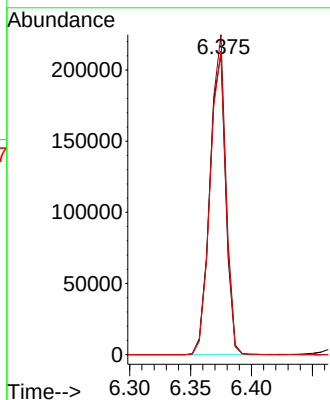
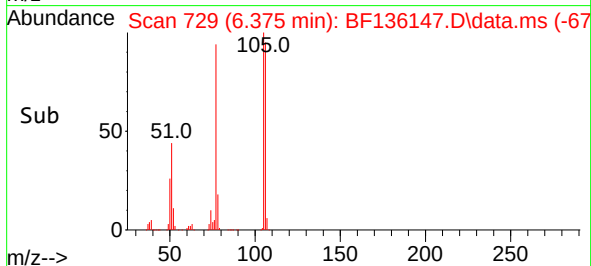
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BNA_F
ClientSampleId :
SSTDCCC040EC



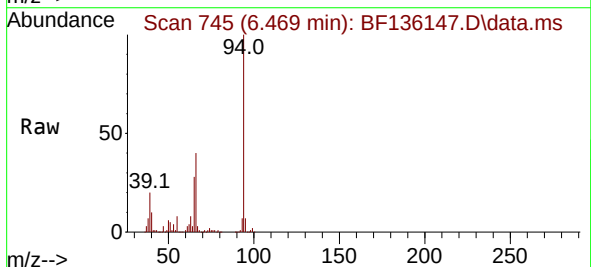
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Ion Ratio Lower Upper
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105 106.4 85.7 125.7
106 100.9 79.8 119.8

Manual Integrations
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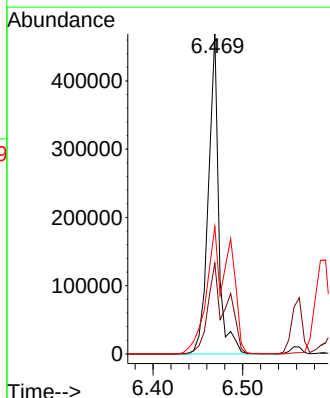
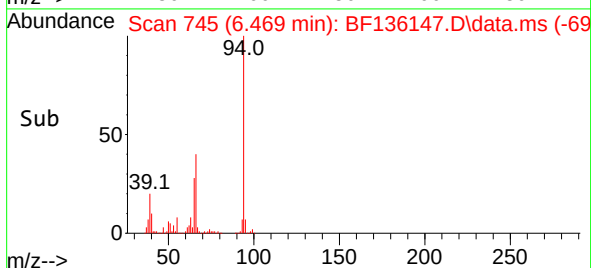
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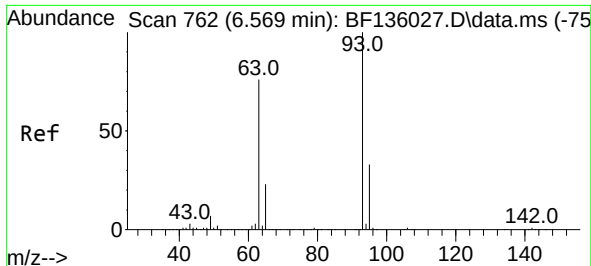


#10
Phenol
Concen: 41.090 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion: 94 Resp: 375659
Ion Ratio Lower Upper
94 100
65 28.4 7.5 47.5
66 39.8 17.1 57.1





#11
bis(2-Chloroethyl)ether
Concen: 38.788 ng
RT: 6.563 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

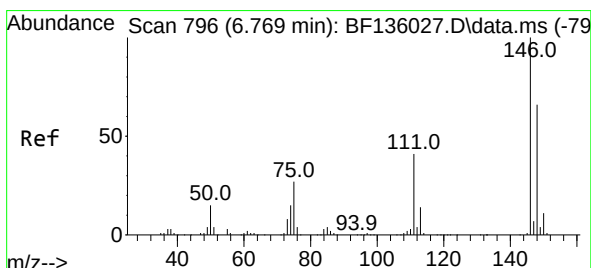
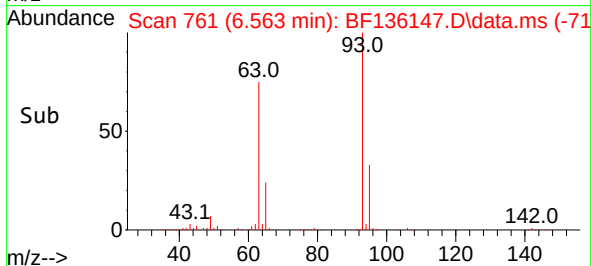
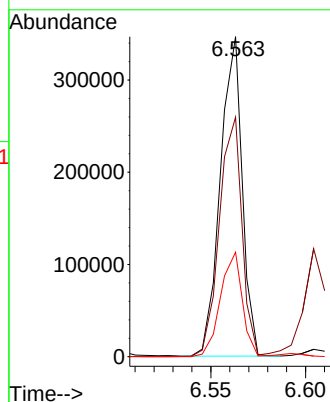
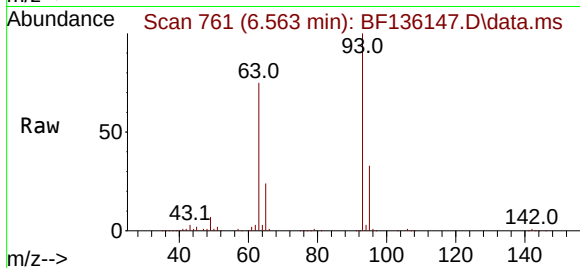
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 93 Resp: 27761
Ion Ratio Lower Upper
93 100
63 74.8 55.8 95.8
95 32.7 12.9 52.9

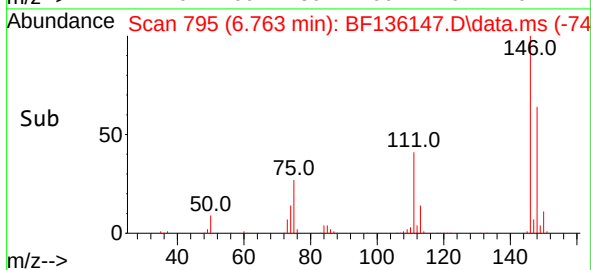
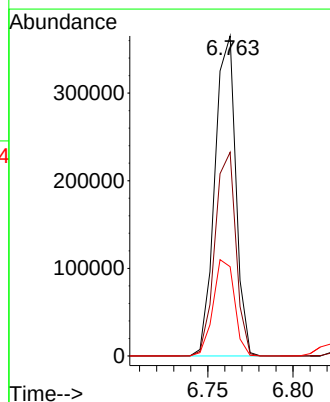
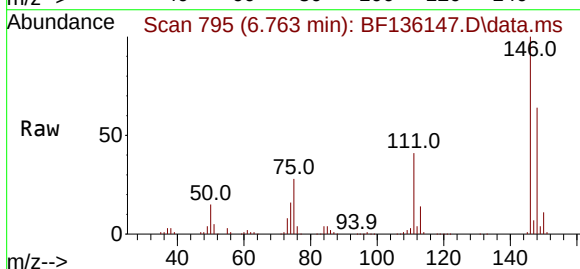
Manual Integrations
APPROVED

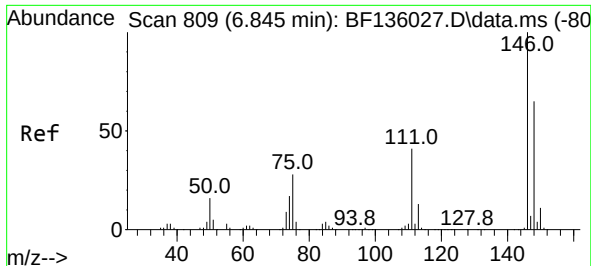
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#12
1,3-Dichlorobenzene
Concen: 39.539 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion:146 Resp: 312123
Ion Ratio Lower Upper
146 100
148 63.7 52.6 78.8
75 27.9 21.6 32.4





#13

1,4-Dichlorobenzene

Concen: 39.135 ng

RT: 6.840 min Scan# 809

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:146 Resp: 309600

Ion Ratio Lower Upper

146 100

148 64.2 52.1 78.1

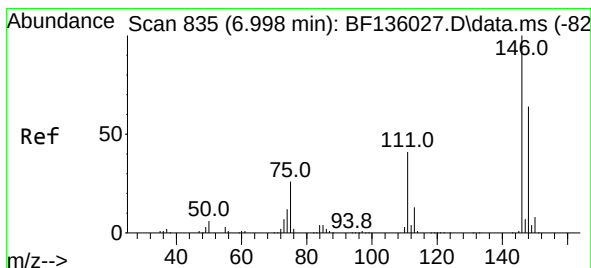
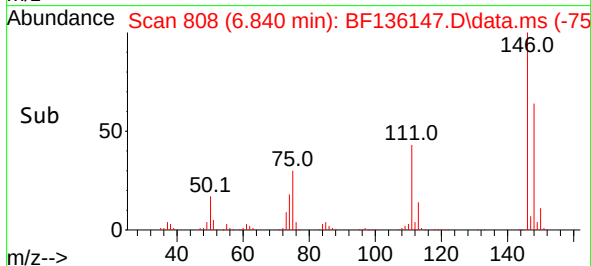
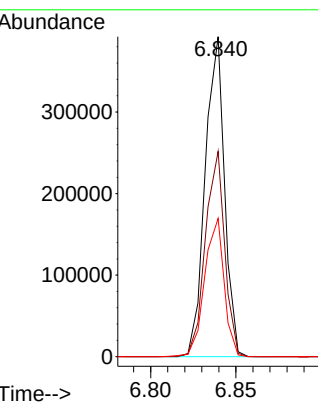
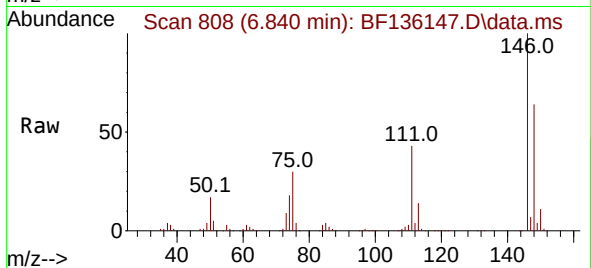
111 43.2 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#14

1,2-Dichlorobenzene

Concen: 39.363 ng

RT: 6.992 min Scan# 834

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

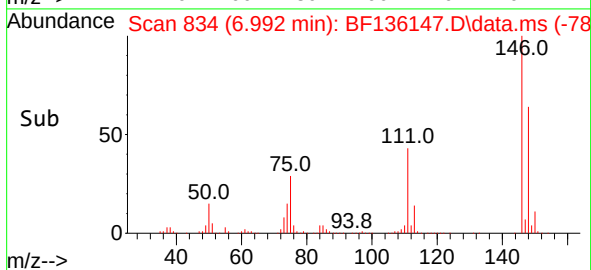
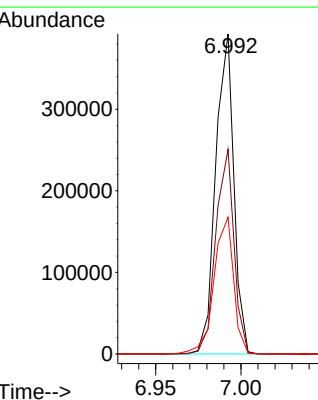
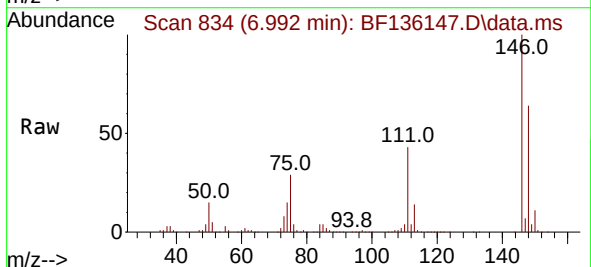
Tgt Ion:146 Resp: 291181

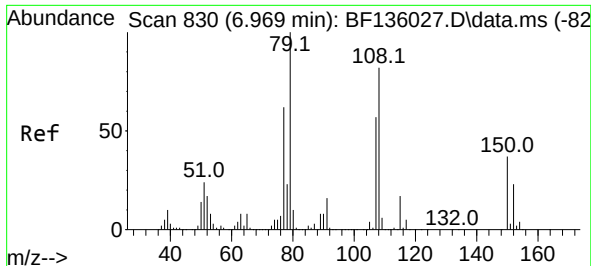
Ion Ratio Lower Upper

146 100

148 63.9 51.4 77.2

111 42.7 33.0 49.4





#15
Benzyl Alcohol
Concen: 40.284 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

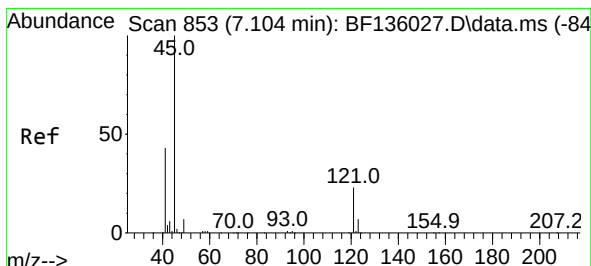
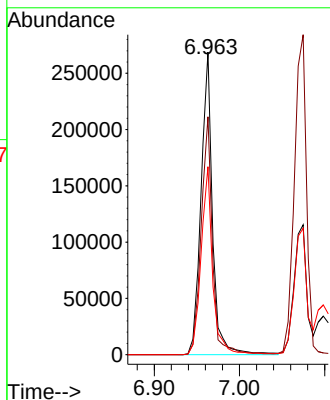
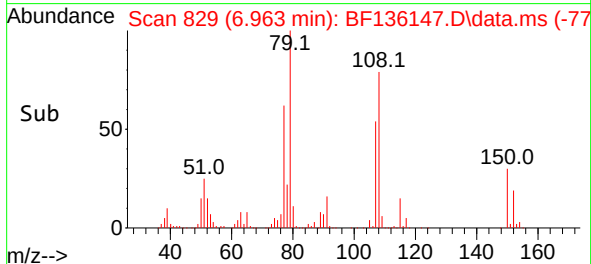
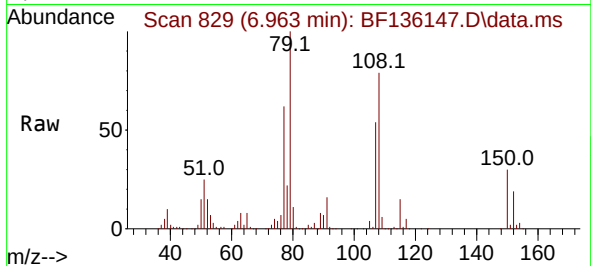
ClientSampleId :

SSTDCCC040EC

Tgt Ion: 79 Resp: 252470
Ion Ratio Lower Upper
79 100
108 78.6 65.9 98.9
77 62.1 49.4 74.2

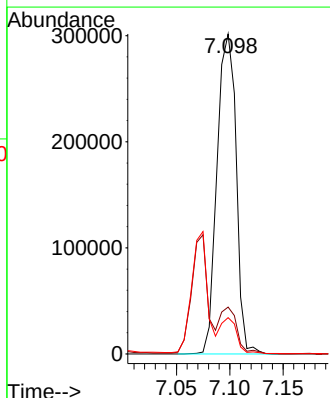
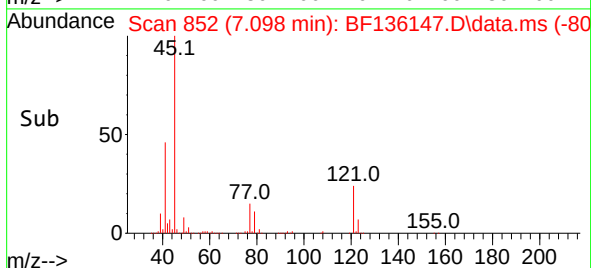
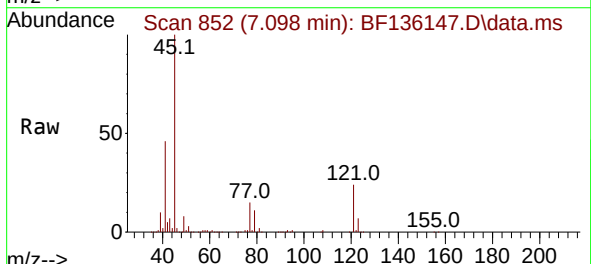
Manual Integrations
APPROVED

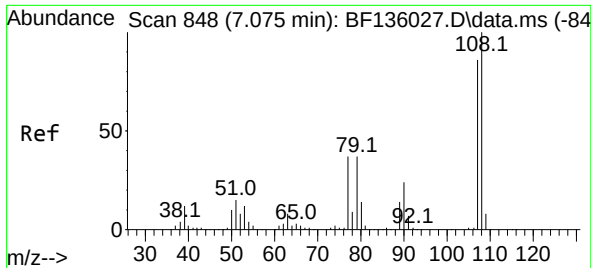
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.040 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion: 45 Resp: 374747
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.6
79 11.3 0.0 30.6





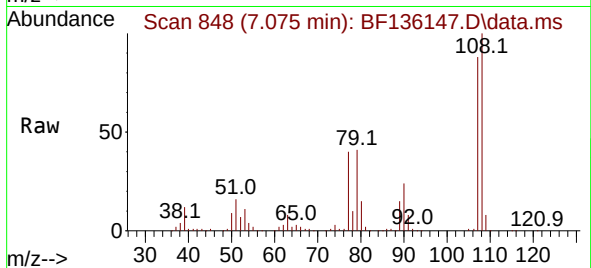
#17
2-Methylphenol
Concen: 38.486 ng
RT: 7.075 min Scan# 848
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

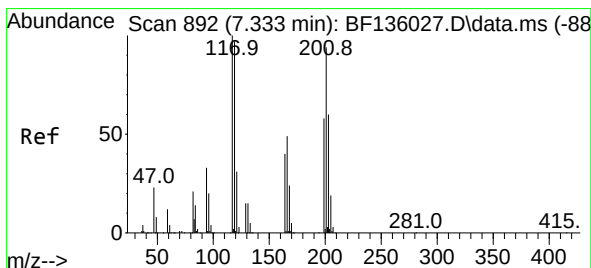
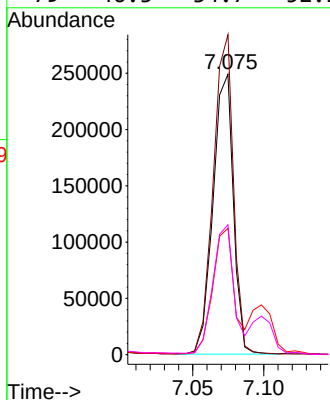
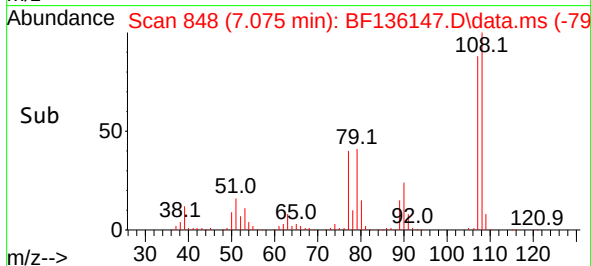


Tgt Ion:107 Resp: 247633
Ion Ratio Lower Upper
107 100
108 114.1 93.4 140.2
77 45.1 34.4 51.6
79 46.3 34.7 52.1

Manual Integrations

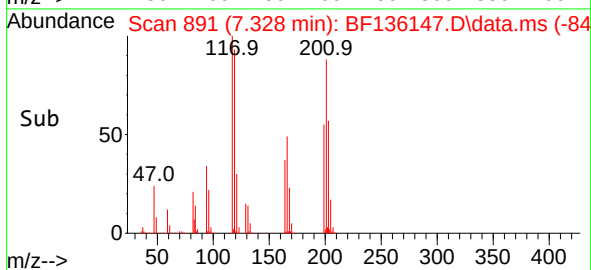
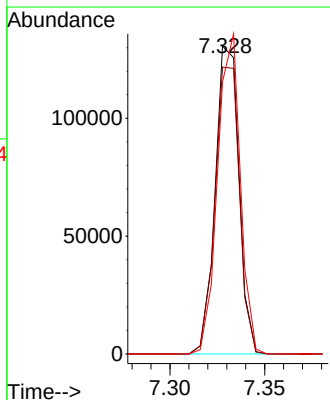
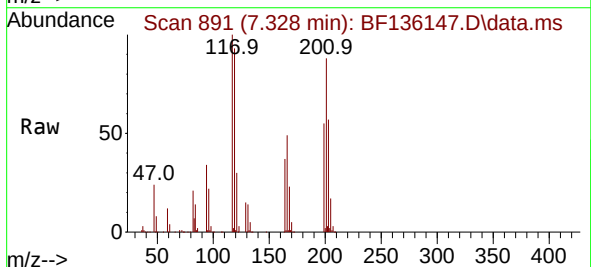
APPROVED

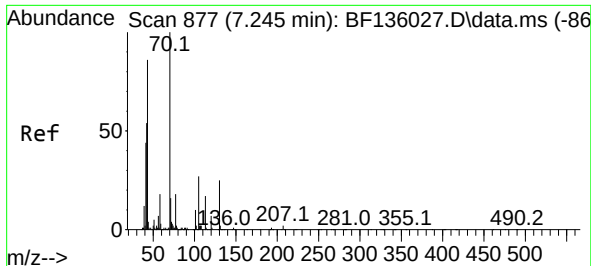
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#18
Hexachloroethane
Concen: 41.110 ng
RT: 7.328 min Scan# 891
Delta R.T. -0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

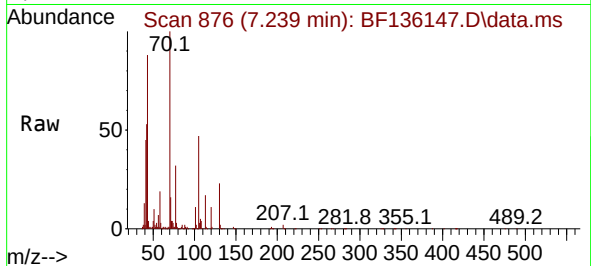
Tgt Ion:117 Resp: 114310
Ion Ratio Lower Upper
117 100
119 93.2 77.7 116.5
201 88.4 75.0 112.6





#19
n-Nitroso-di-n-propylamine
Concen: 38.832 ng
RT: 7.239 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

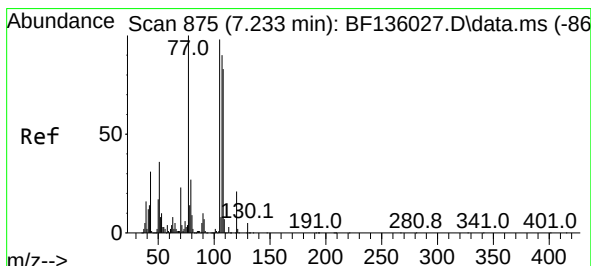
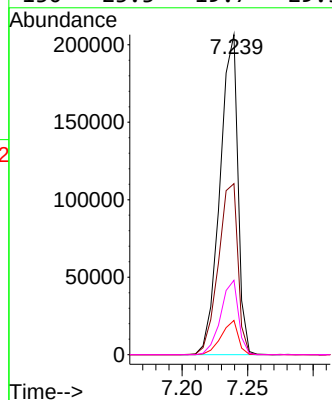
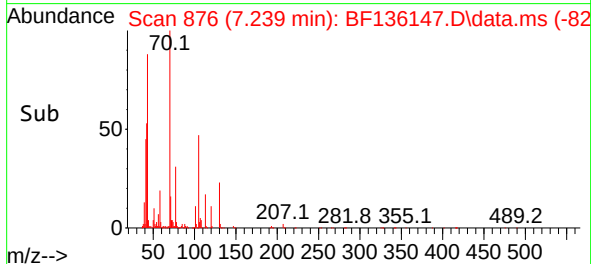
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



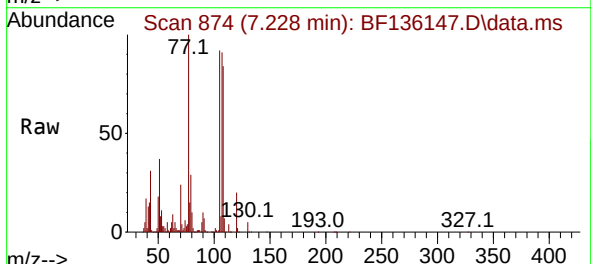
Tgt Ion: 70 Resp: 196120
Ion Ratio Lower Upper
70 100
42 53.5 43.0 64.4
101 10.7 8.0 12.0
130 23.3 19.7 29.5

Manual Integrations
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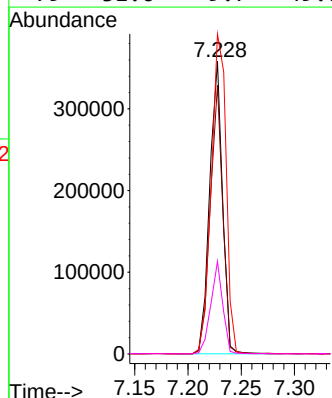
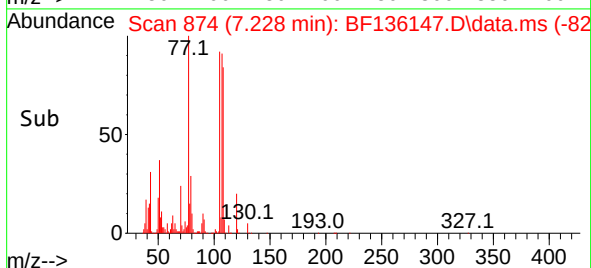
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

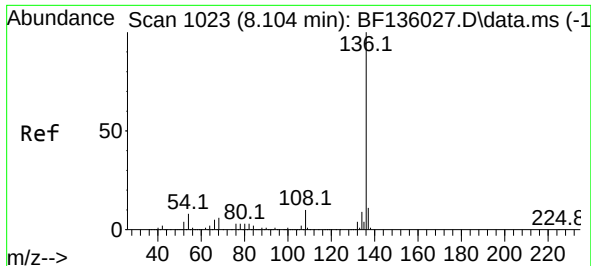


#20
3+4-Methylphenols
Concen: 38.296 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:107 Resp: 300472
Ion Ratio Lower Upper
107 100
108 92.0 72.3 112.3
77 109.4 91.4 131.4
79 31.6 9.7 49.7





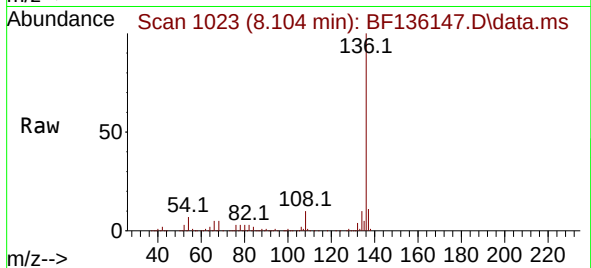
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNF_F

ClientSampleId :

SSTDCCC040EC



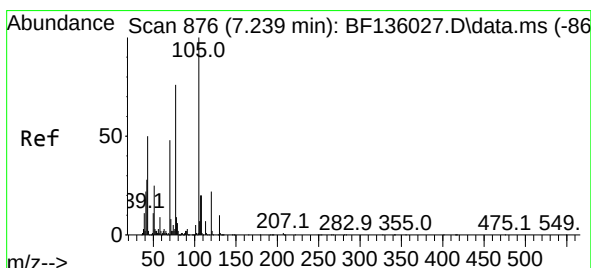
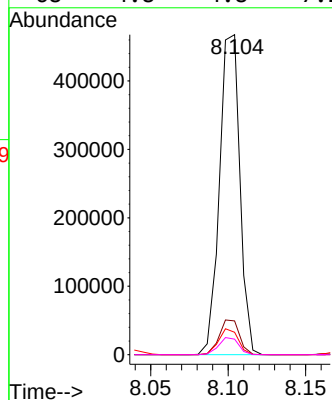
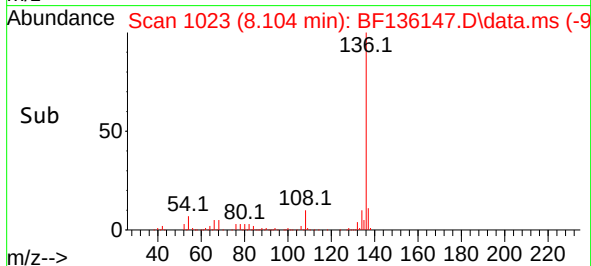
Tgt Ion:136 Resp: 42830
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 6.6 9.8
68 4.8 4.8 7.2

Manual Integrations

APPROVED

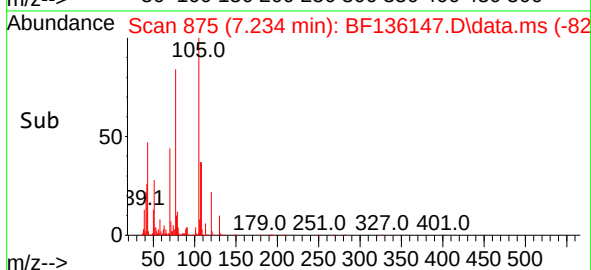
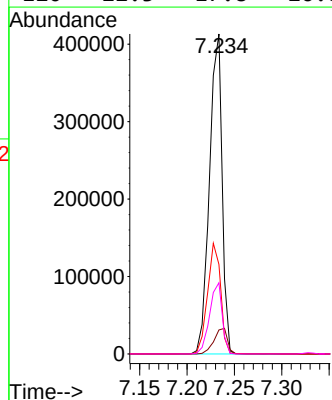
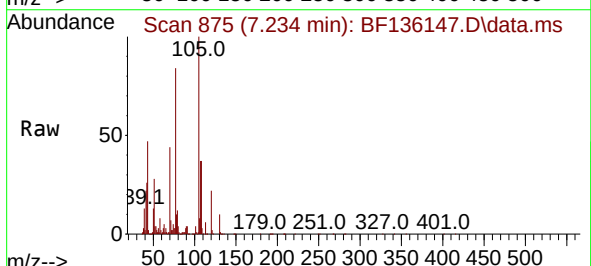
Reviewed By :Yogesh Patel 11/06/2023

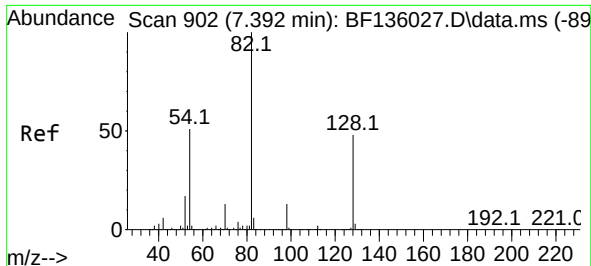
Supervised By :mohammad ahmed 11/07/2023



#22
Acetophenone
Concen: 40.274 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion:105 Resp: 382490
Ion Ratio Lower Upper
105 100
71 7.5 6.5 9.7
51 28.0 20.3 30.5
120 22.3 17.8 26.8





#23

Nitrobenzene-d5

Concen: 86.063 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.000 min

Lab File: BF136147.D

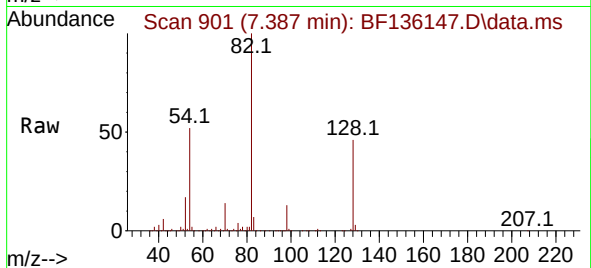
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 82 Resp: 611460

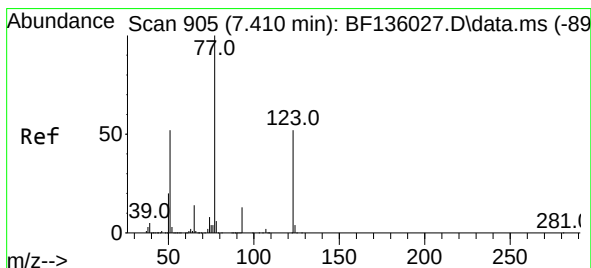
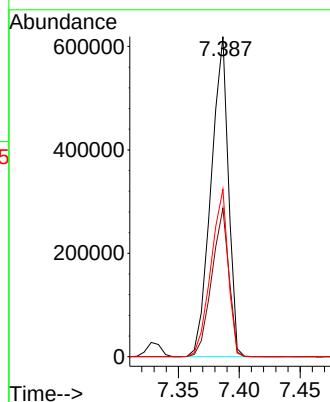
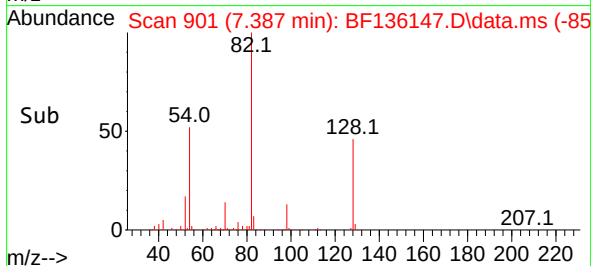
Ion	Ratio	Lower	Upper
82	100		
128	46.4	38.6	57.8
54	52.3	40.8	61.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#24

Nitrobenzene

Concen: 41.813 ng

RT: 7.404 min Scan# 904

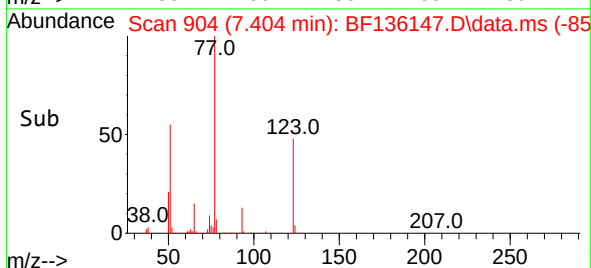
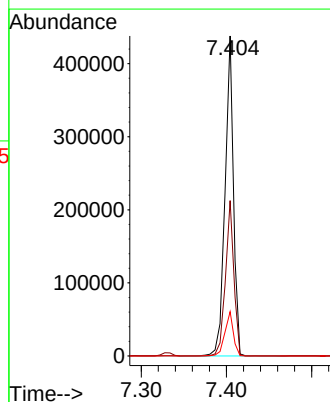
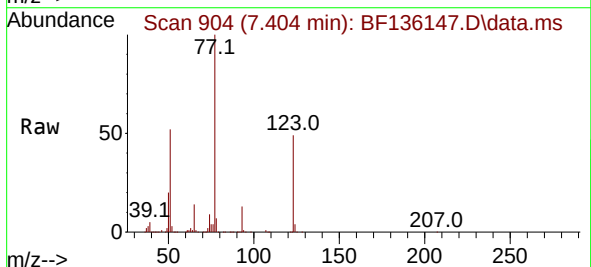
Delta R.T. 0.000 min

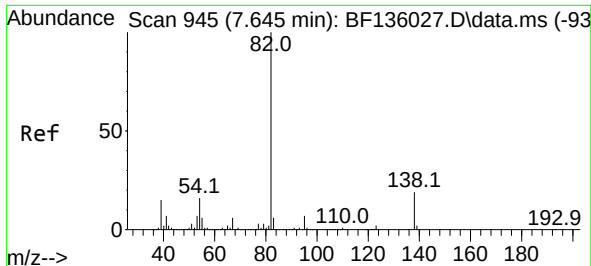
Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Tgt Ion: 77 Resp: 300502

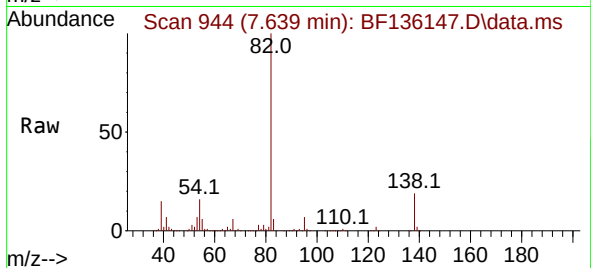
Ion	Ratio	Lower	Upper
77	100		
123	48.6	42.3	63.5
65	13.9	11.0	16.6





#25
Isophorone
Concen: 40.944 ng
RT: 7.639 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

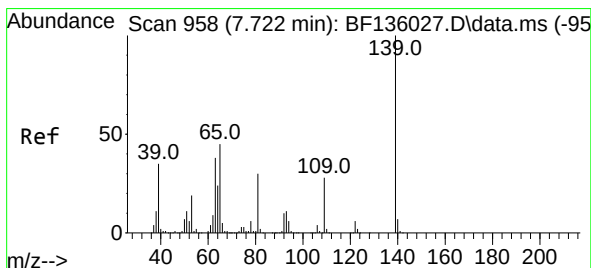
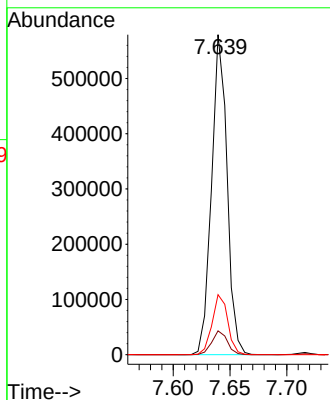
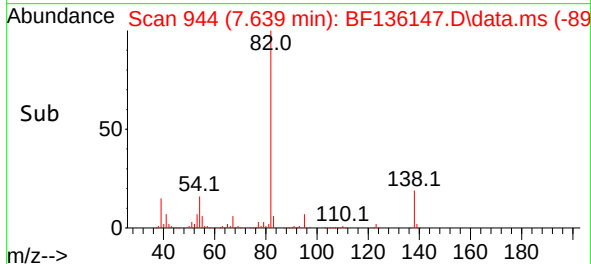
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion: 82 Resp: 549190
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.7 15.3 22.9

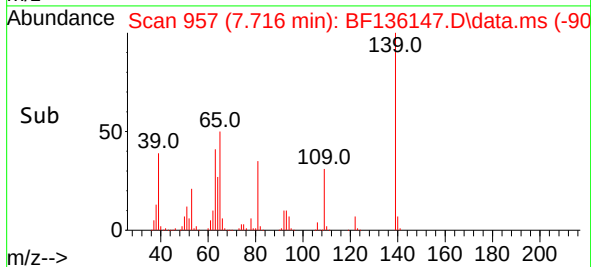
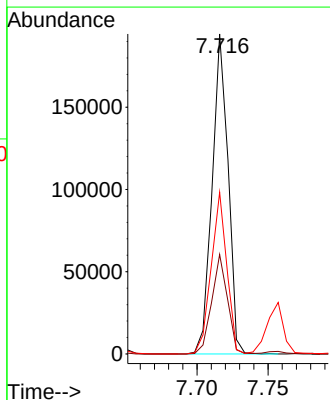
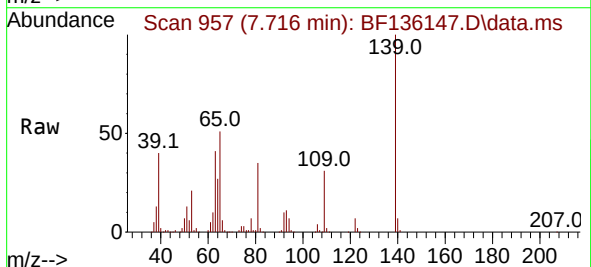
Manual Integrations
APPROVED

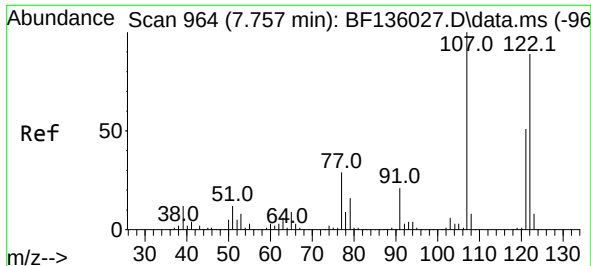
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#26
2-Nitrophenol
Concen: 46.264 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion:139 Resp: 151699
Ion Ratio Lower Upper
139 100
109 31.1 22.6 34.0
65 50.6 36.3 54.5





#27

2,4-Dimethylphenol

Concen: 40.833 ng

RT: 7.757 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF136147.D

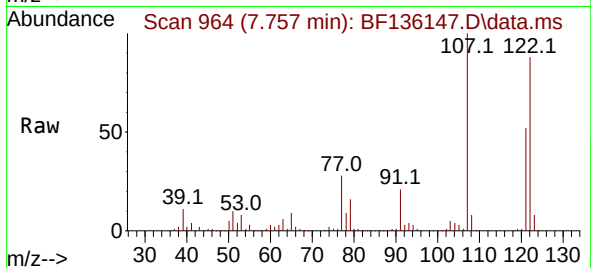
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



Tgt Ion: 122 Resp: 25300

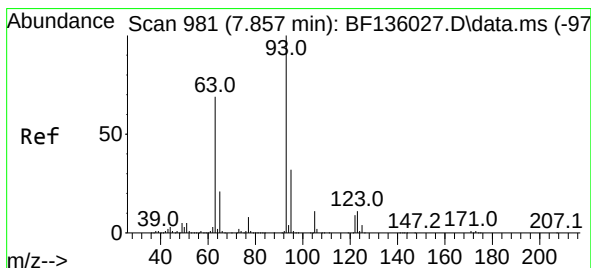
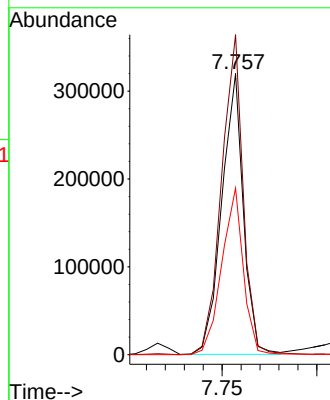
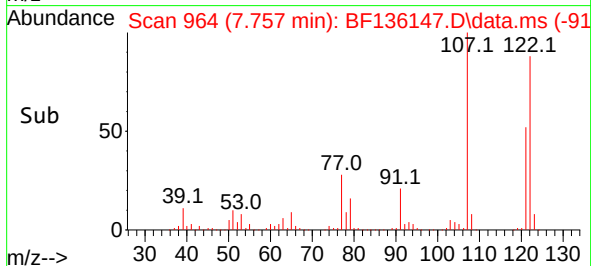
Ion	Ratio	Lower	Upper
122	100		
107	113.8	89.6	134.4
121	59.2	46.0	69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.491 ng

RT: 7.857 min Scan# 981

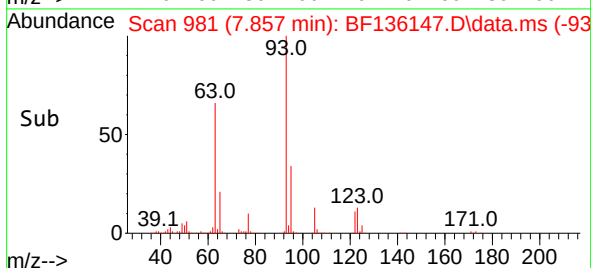
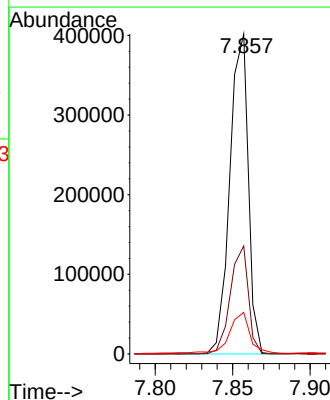
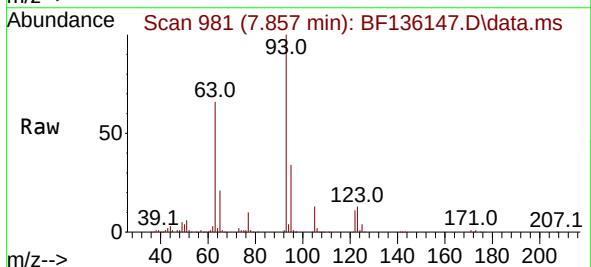
Delta R.T. 0.000 min

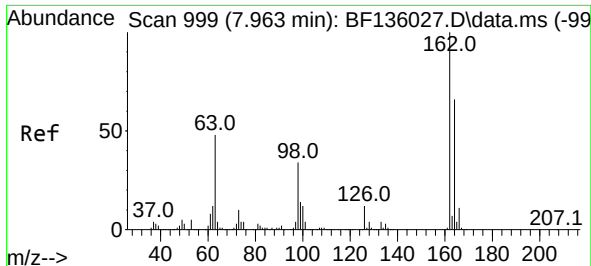
Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Tgt Ion: 93 Resp: 332774

Ion	Ratio	Lower	Upper
93	100		
95	33.8	25.7	38.5
123	13.0	9.1	13.7





#29

2,4-Dichlorophenol

Concen: 42.050 ng

RT: 7.957 min Scan# 99

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

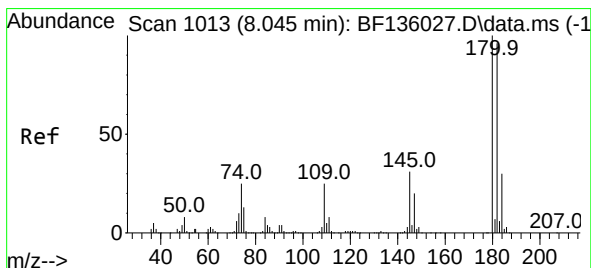
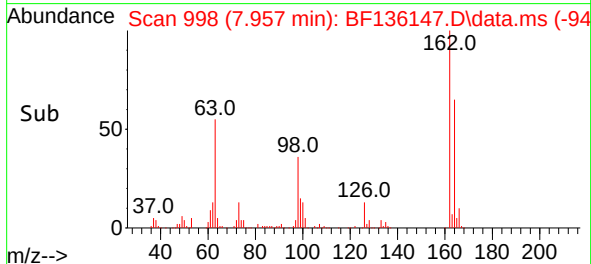
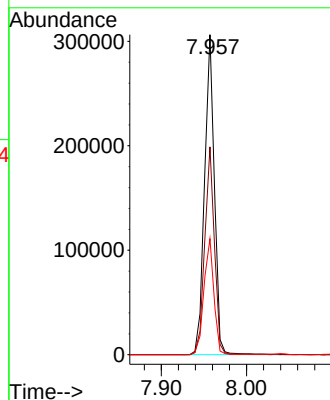
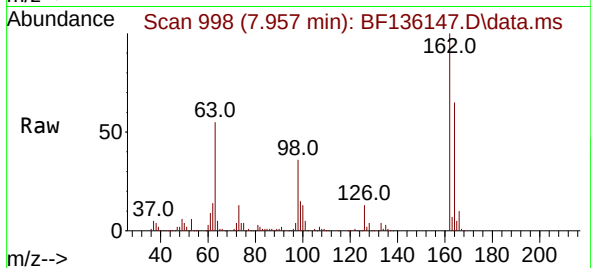
SSTDCCC040EC

Tgt Ion:162 Resp: 24562
 Ion Ratio Lower Upper
 162 100
 164 64.9 45.5 85.5
 98 36.3 14.4 54.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#30

1,2,4-Trichlorobenzene

Concen: 41.452 ng

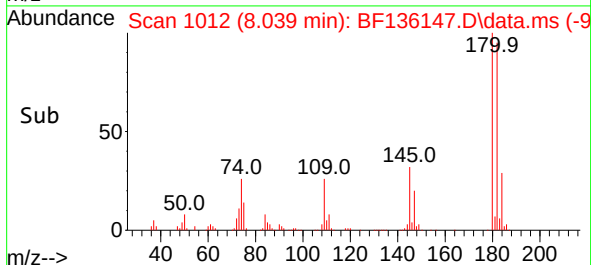
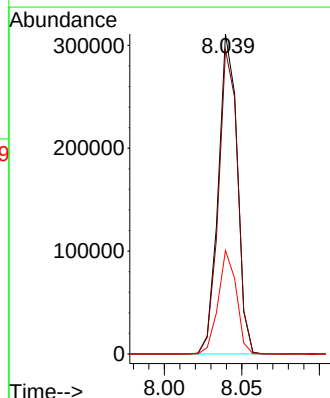
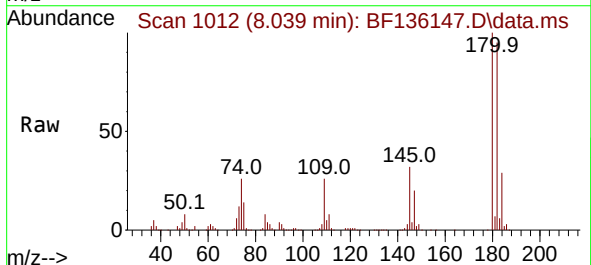
RT: 8.039 min Scan# 1012

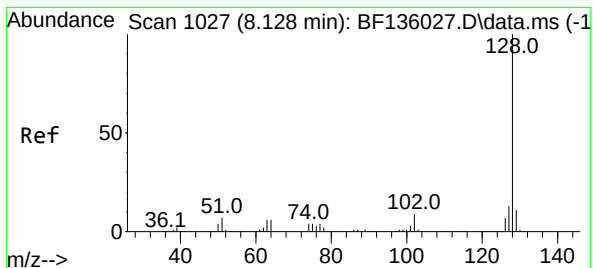
Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Tgt Ion:180 Resp: 264141
 Ion Ratio Lower Upper
 180 100
 182 95.0 76.9 115.3
 145 32.3 24.7 37.1





#31

Naphthalene

Concen: 41.280 ng

RT: 8.122 min Scan# 1026

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:128 Resp: 85258

Ion Ratio Lower Upper

128 100

129 11.5 8.9 13.3

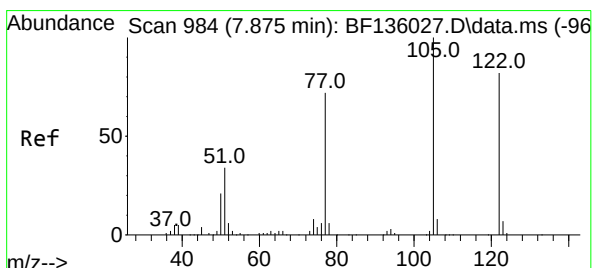
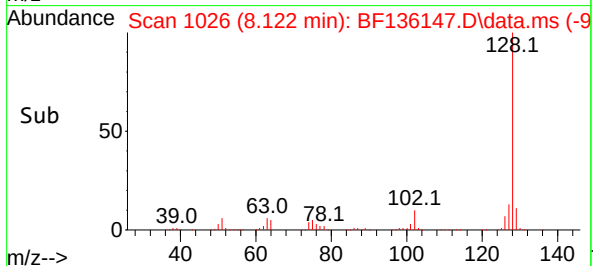
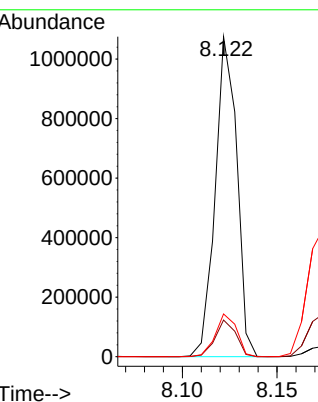
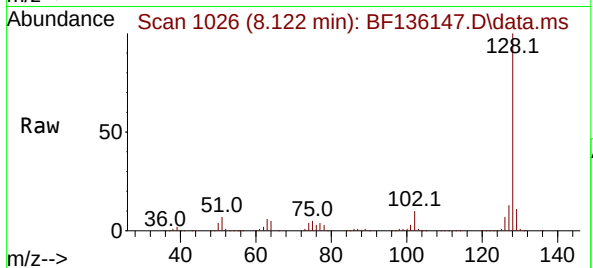
127 13.3 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#32

Benzoic acid

Concen: 38.235 ng m

RT: 7.869 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

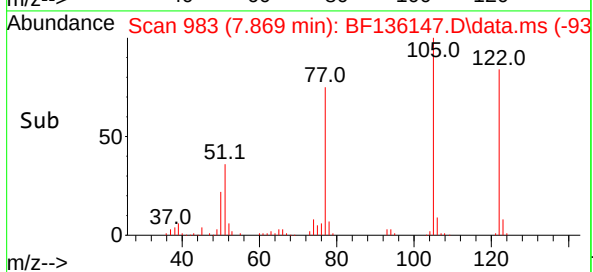
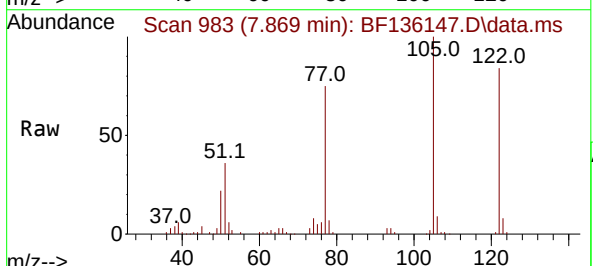
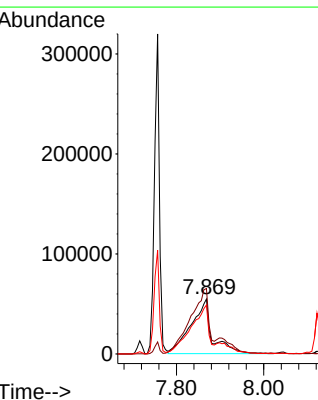
Tgt Ion:122 Resp: 184006

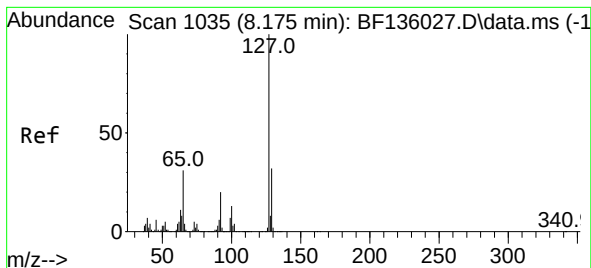
Ion Ratio Lower Upper

122 100

105 119.4 99.5 139.5

77 89.4 66.8 106.8





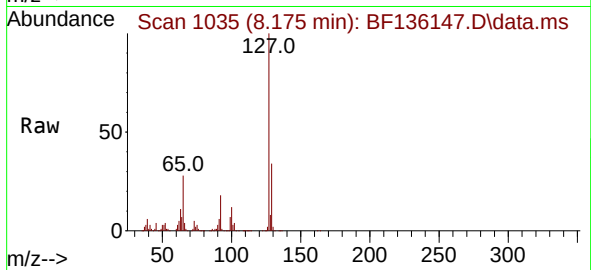
#33
4-Chloroaniline
Concen: 40.334 ng
RT: 8.175 min Scan# 1035
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

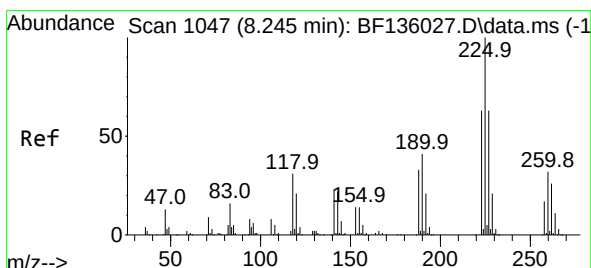
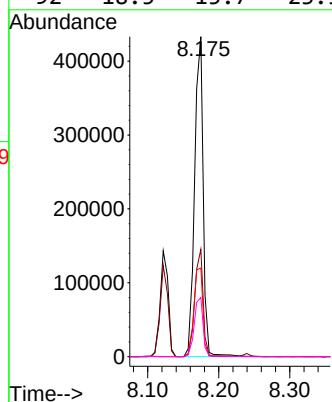
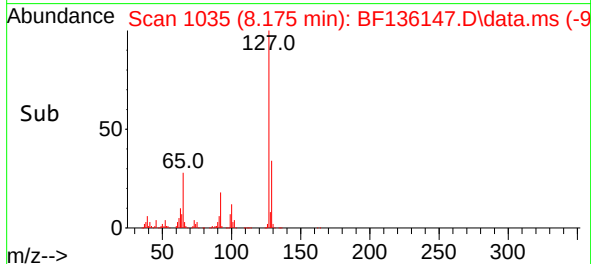


Tgt Ion:127 Resp: 364811
Ion Ratio Lower Upper
127 100
129 33.6 25.9 38.9
65 27.7 24.6 37.0
92 18.5 15.7 23.5

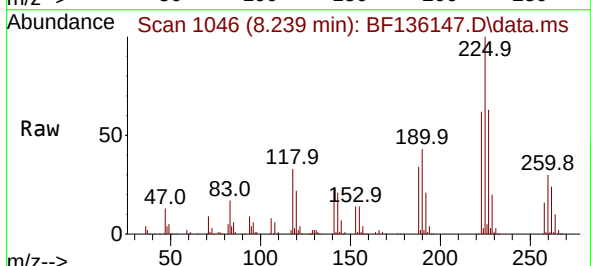
Manual Integrations

APPROVED

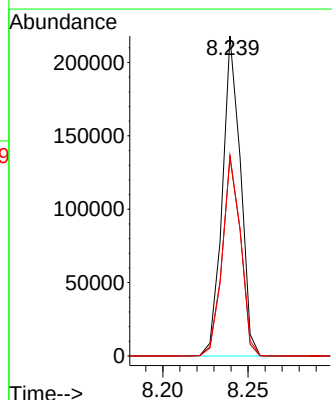
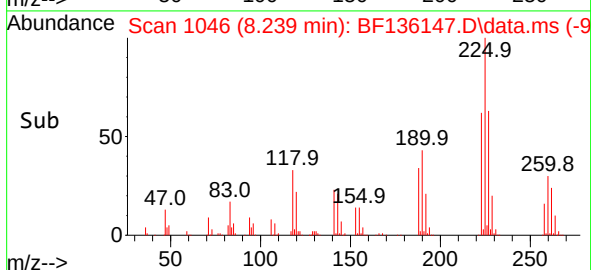
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

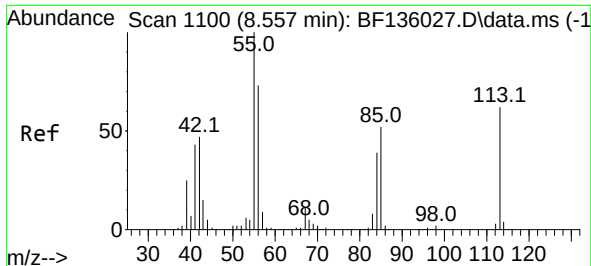


#34
Hexachlorobutadiene
Concen: 43.991 ng
RT: 8.239 min Scan# 1046
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:225 Resp: 160759
Ion Ratio Lower Upper
225 100
223 62.0 50.3 75.5
227 62.6 50.6 75.8





#35
 Caprolactam
 Concen: 41.181 ng
 RT: 8.551 min Scan# 1100
 Delta R.T. 0.000 min
 Lab File: BF136147.D
 Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

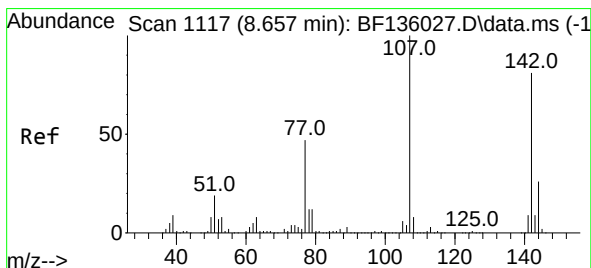
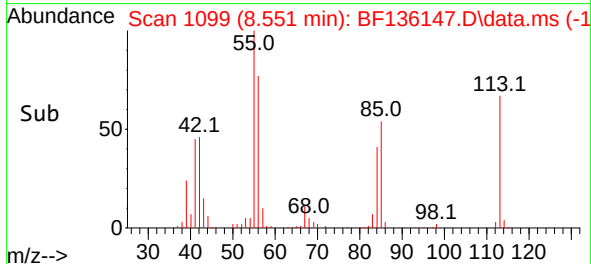
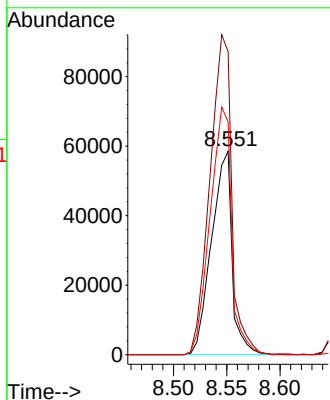
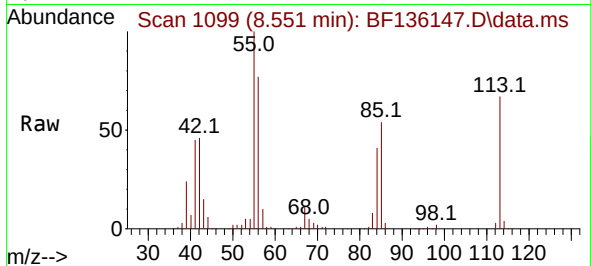
ClientSampleId :

SSTDCCC040EC

Tgt Ion:113 Resp: 7821
 Ion Ratio Lower Upper
 113 100
 55 149.0 142.2 182.2
 56 114.5 97.7 137.7

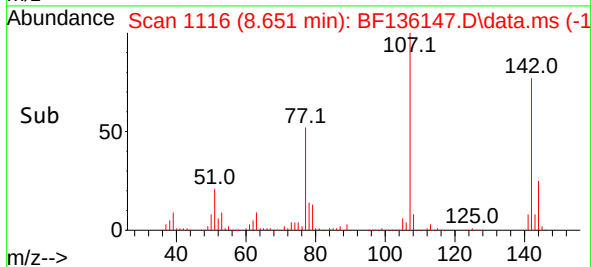
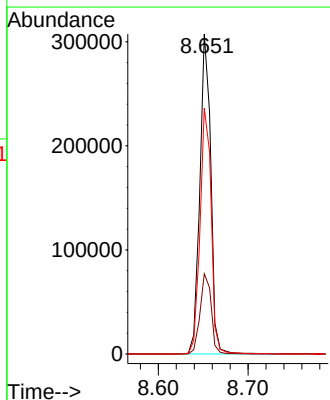
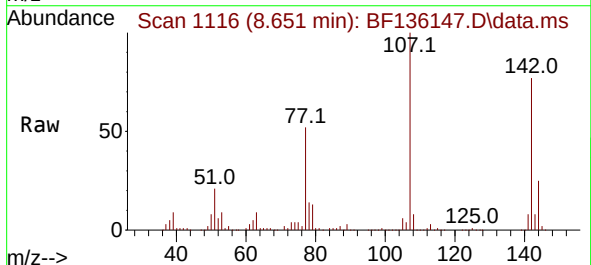
Manual Integrations
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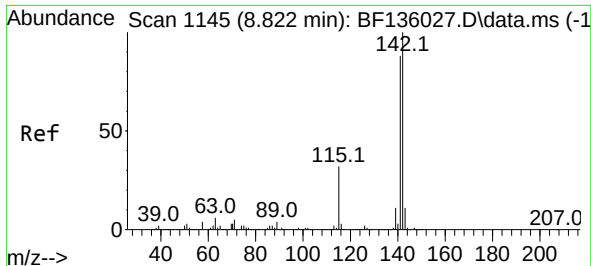
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#36
 4-Chloro-3-methylphenol
 Concen: 42.222 ng
 RT: 8.651 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: BF136147.D
 Acq: 04 Nov 2023 16:06

Tgt Ion:107 Resp: 258923
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 31.0
 142 76.8 64.6 97.0





#37

2-Methylnaphthalene

Concen: 41.346 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:142 Resp: 572580

Ion Ratio Lower Upper

142 100

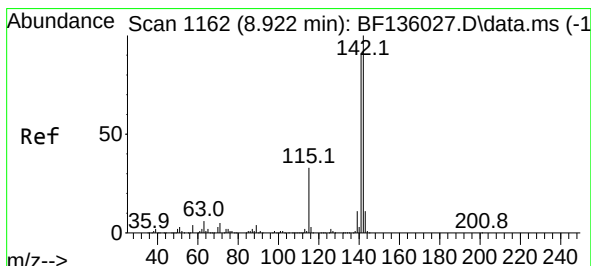
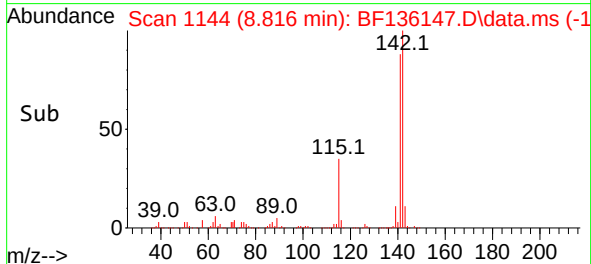
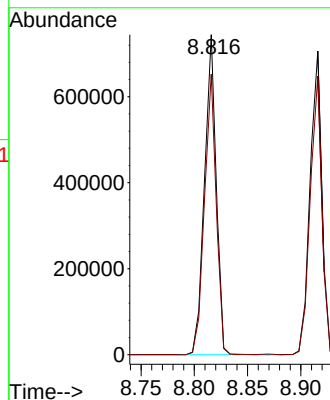
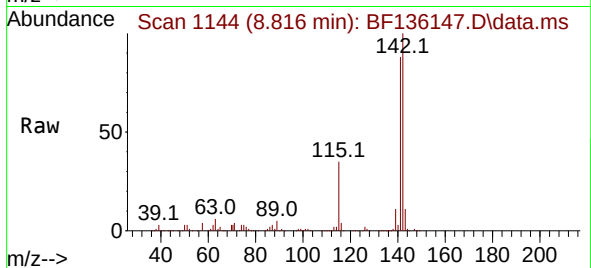
141 87.7 70.4 105.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#38

1-Methylnaphthalene

Concen: 42.188 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF136147.D

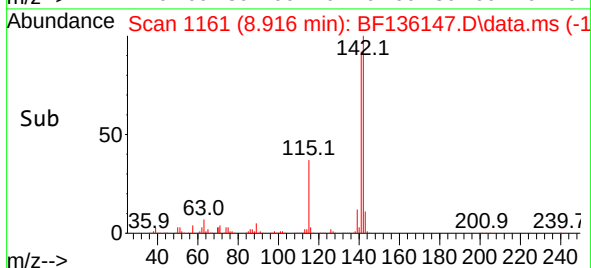
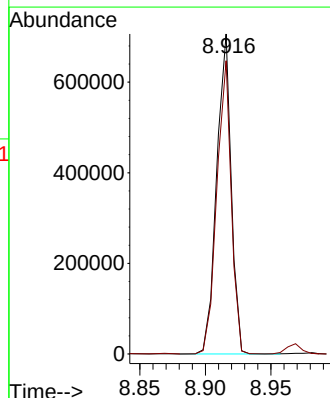
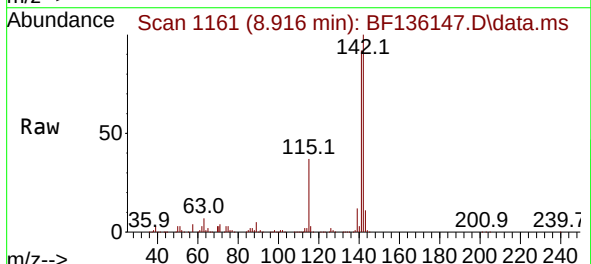
Acq: 04 Nov 2023 16:06

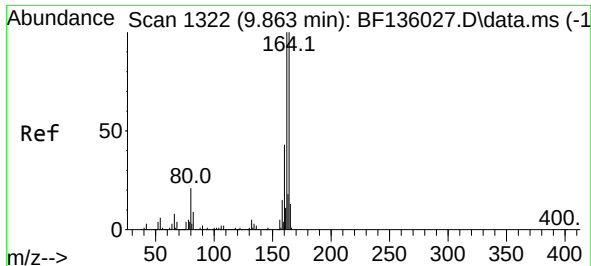
Tgt Ion:142 Resp: 543698

Ion Ratio Lower Upper

142 100

141 91.7 72.6 109.0





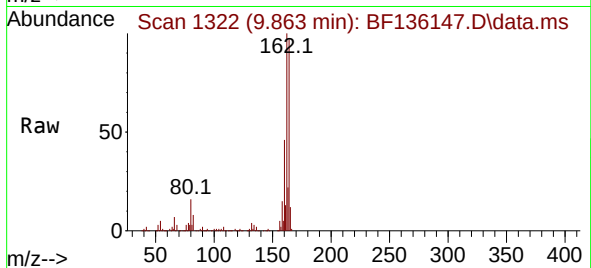
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

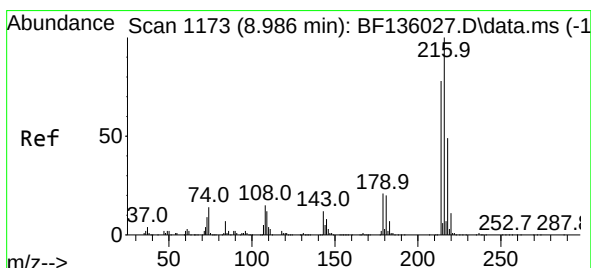
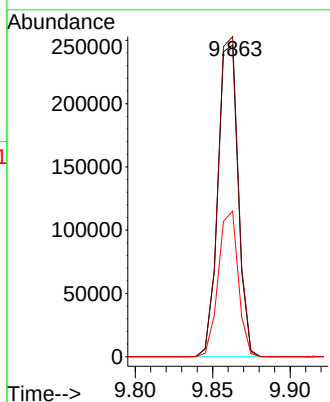
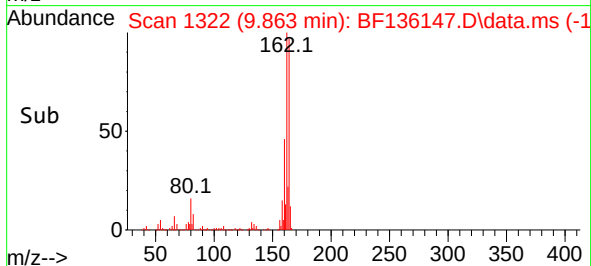


Tgt Ion:164 Resp: 223711
Ion Ratio Lower Upper
164 100
162 102.7 80.1 120.1
160 46.7 34.8 52.2

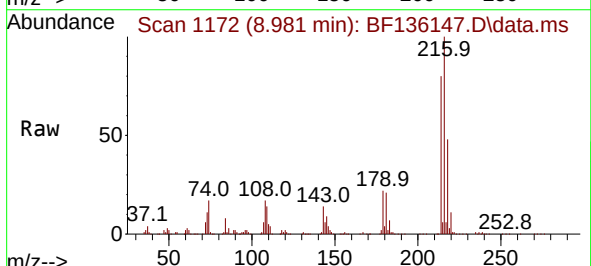
Manual Integrations

APPROVED

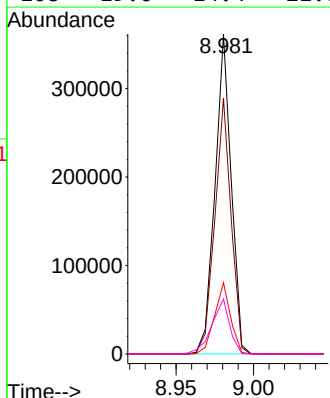
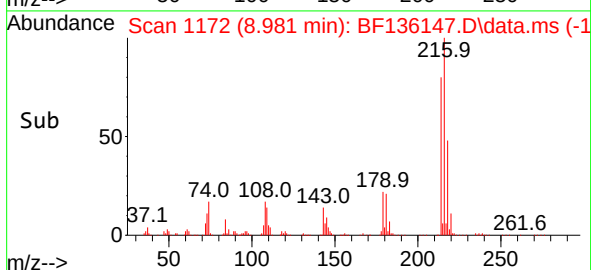
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

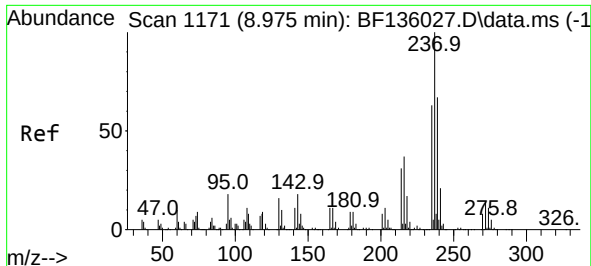


#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.208 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:216 Resp: 262909
Ion Ratio Lower Upper
216 100
214 80.1 63.8 95.6
179 22.0 17.5 26.3
108 19.0 14.4 21.6





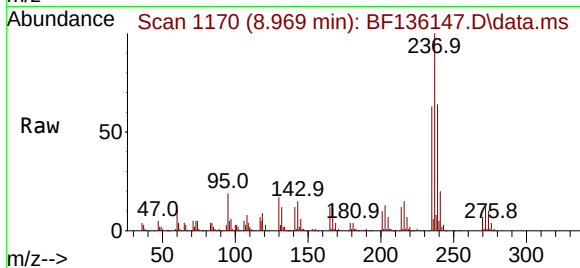
#41
Hexachlorocyclopentadiene
Concen: 39.033 ng
RT: 8.969 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

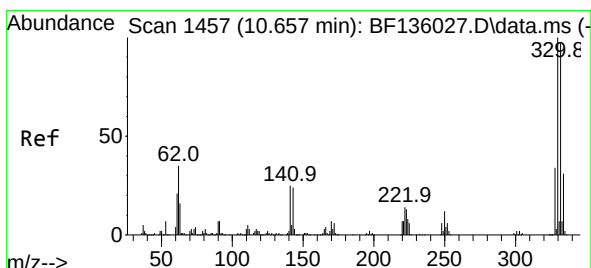
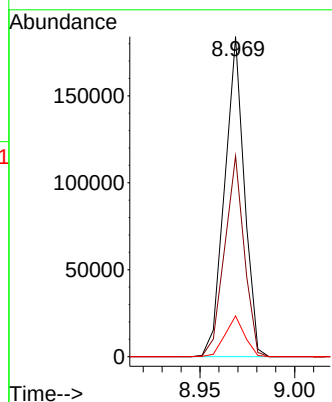
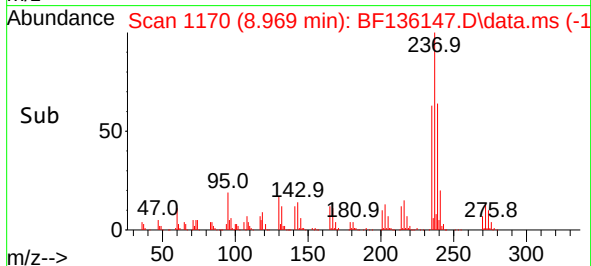


Tgt Ion:237 Resp: 13304
Ion Ratio Lower Upper
237 100
235 62.7 43.3 83.3
272 12.8 0.0 34.2

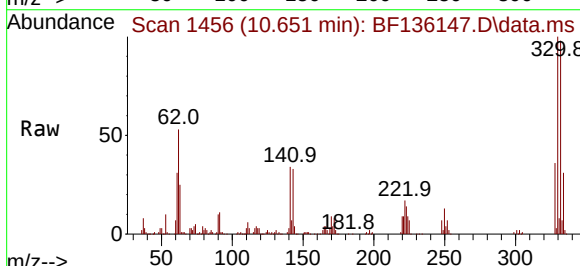
Manual Integrations

APPROVED

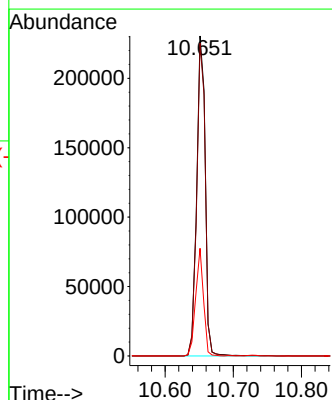
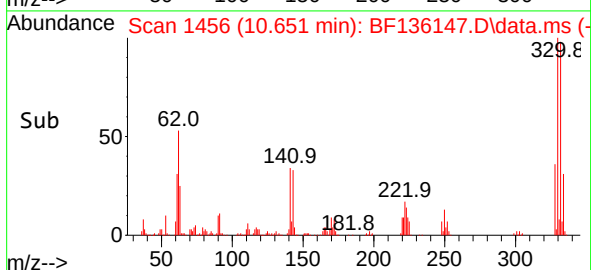
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

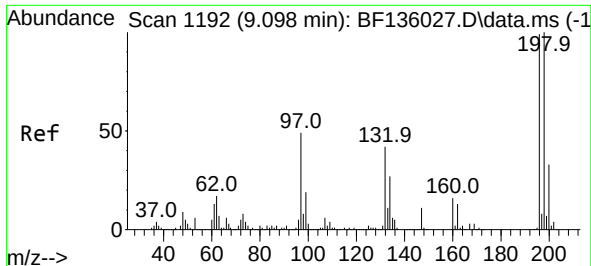


#42
2,4,6-Tribromophenol
Concen: 83.522 ng
RT: 10.651 min Scan# 1456
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:330 Resp: 199440
Ion Ratio Lower Upper
330 100
332 97.9 76.9 115.3
141 31.0 23.2 34.8





#43

2,4,6-Trichlorophenol

Concen: 41.152 ng

RT: 9.092 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:196 Resp: 171190

Ion Ratio Lower Upper

196 100

198 102.1 80.7 121.1

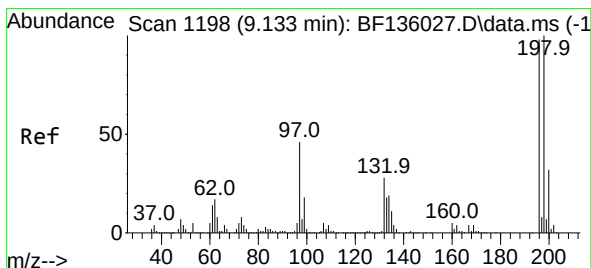
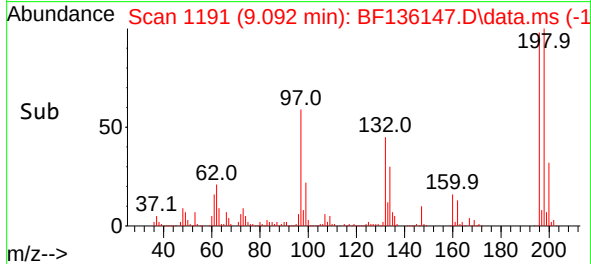
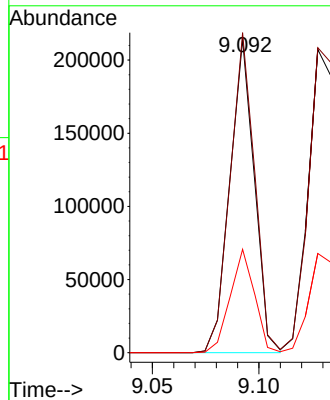
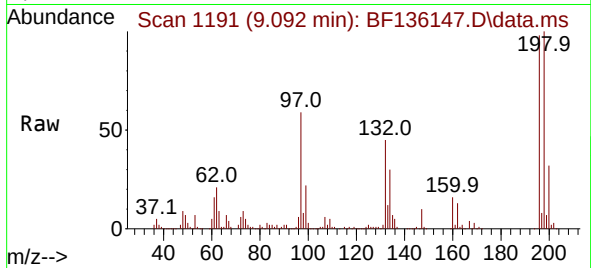
200 33.0 26.8 40.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#44

2,4,5-Trichlorophenol

Concen: 41.509 ng

RT: 9.128 min Scan# 1197

Delta R.T. -0.006 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Tgt Ion:196 Resp: 200022

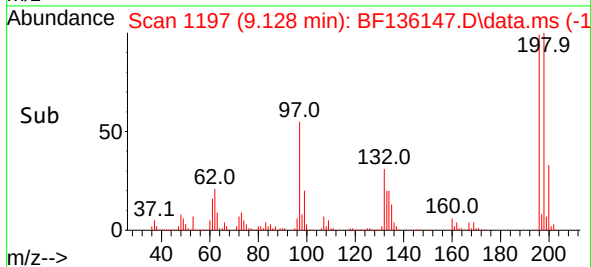
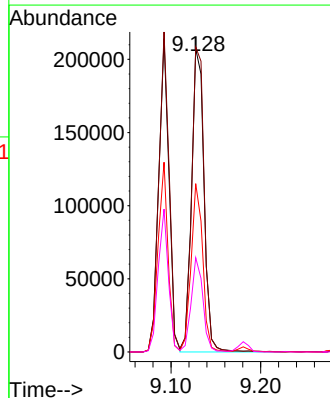
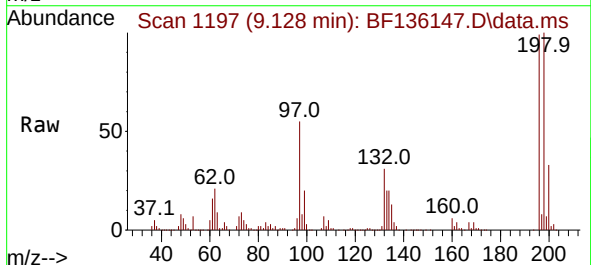
Ion Ratio Lower Upper

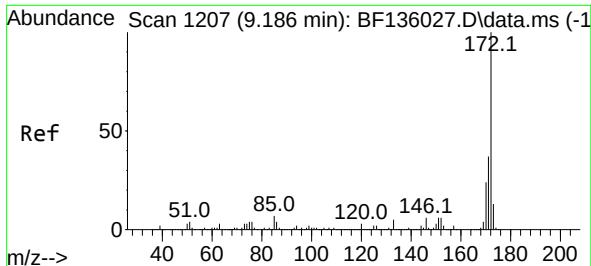
196 100

198 100.6 81.6 122.4

97 55.5 38.2 57.2

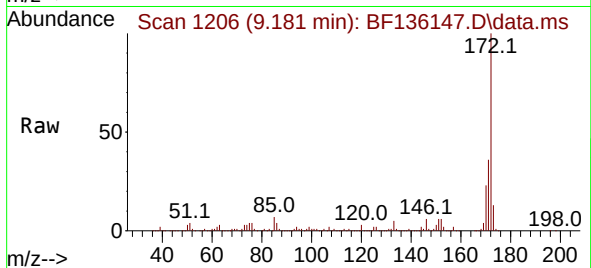
132 31.1 23.0 34.4





#45
2-Fluorobiphenyl
Concen: 83.532 ng
RT: 9.181 min Scan# 117227
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

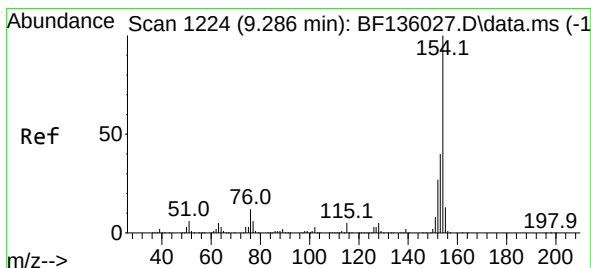
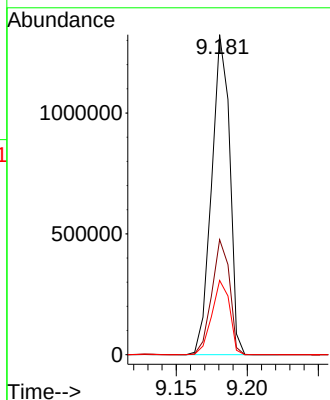
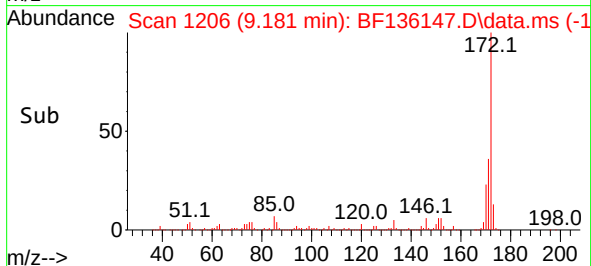
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



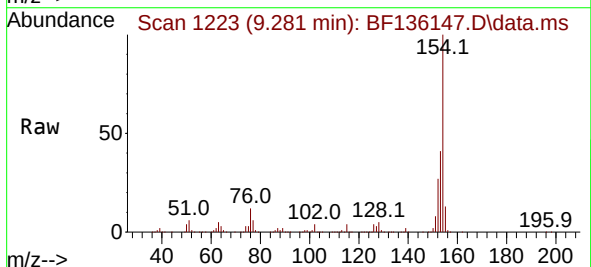
Tgt Ion:172 Resp: 117227
Ion Ratio Lower Upper
172 100
171 36.0 29.4 44.0
170 23.2 19.3 28.9

Manual Integrations
APPROVED

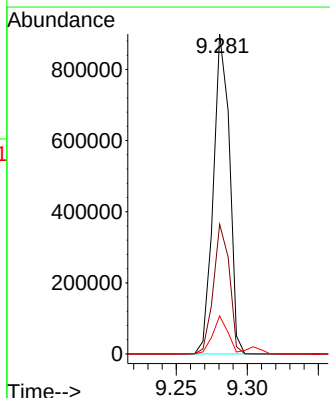
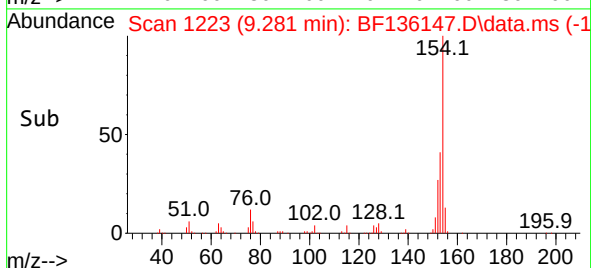
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

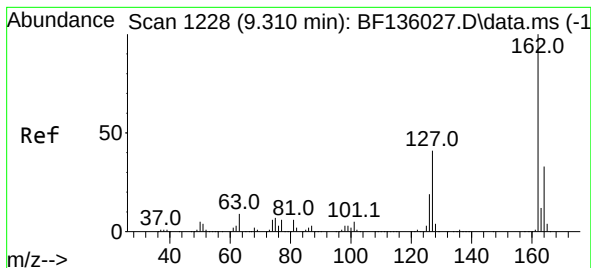


#46
1,1'-Biphenyl
Concen: 41.530 ng
RT: 9.281 min Scan# 1223
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:154 Resp: 708258
Ion Ratio Lower Upper
154 100
153 40.6 20.1 60.1
76 11.8 0.0 32.5





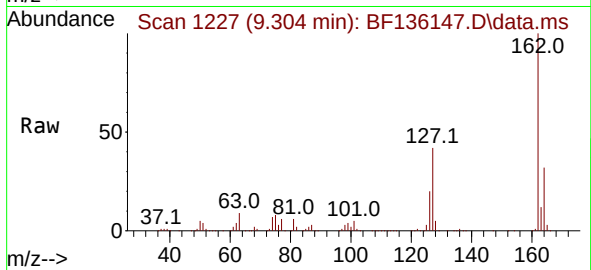
#47
2-Chloronaphthalene
Concen: 40.847 ng
RT: 9.304 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



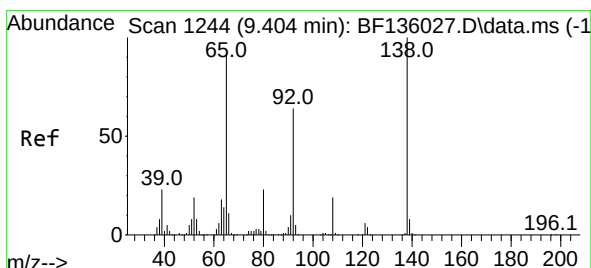
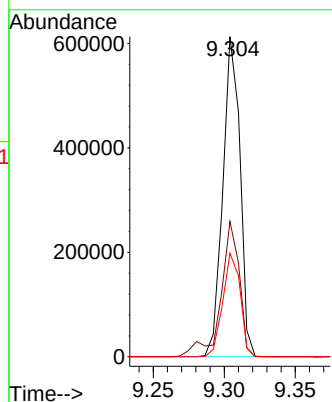
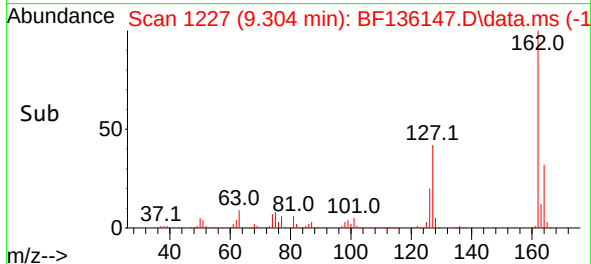
Tgt Ion:162 Resp: 51354
Ion Ratio Lower Upper
162 100
127 42.3 32.4 48.6
164 32.3 26.7 40.1

Manual Integrations

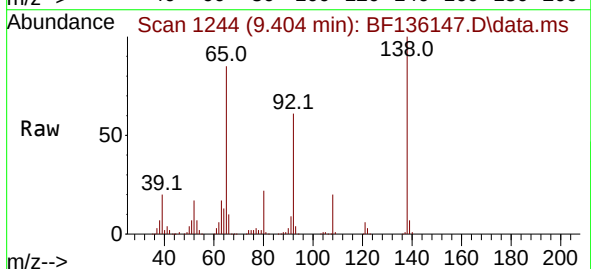
APPROVED

Reviewed By :Yogesh Patel 11/06/2023

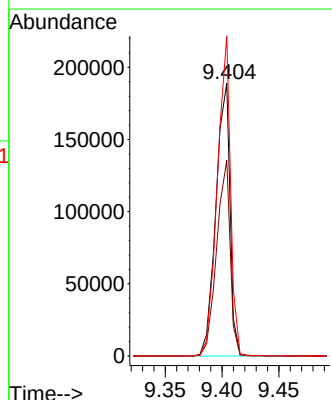
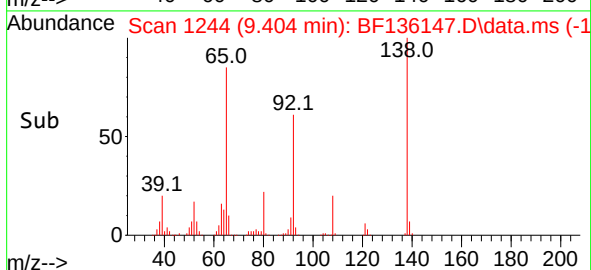
Supervised By :mohammad ahmed 11/07/2023

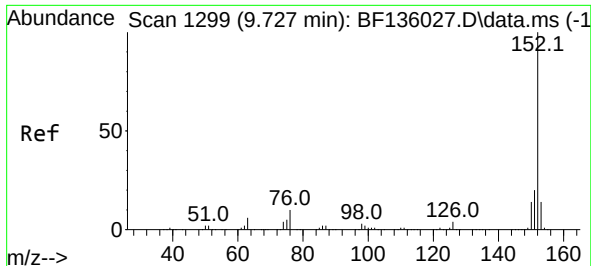


#48
2-Nitroaniline
Concen: 43.737 ng
RT: 9.404 min Scan# 1244
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion: 65 Resp: 162733
Ion Ratio Lower Upper
65 100
92 71.8 55.7 83.5
138 117.4 86.8 130.2





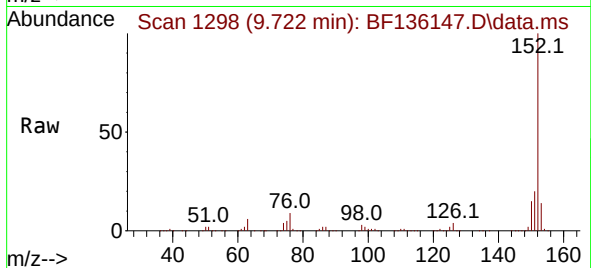
#49
Acenaphthylene
Concen: 41.536 ng
RT: 9.722 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

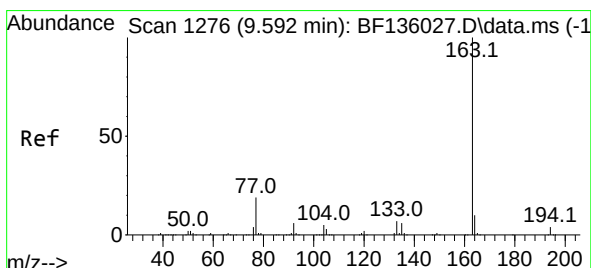
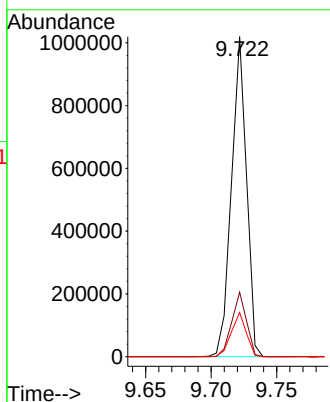
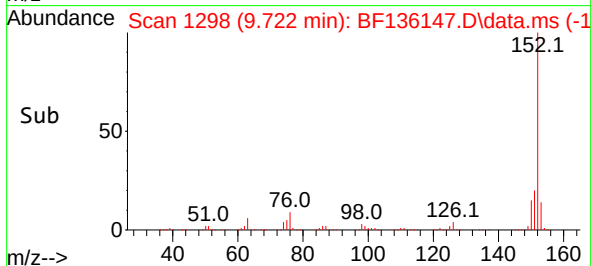


Tgt Ion:152 Resp: 81464
Ion Ratio Lower Upper
152 100
151 20.2 16.1 24.1
153 13.8 11.4 17.2

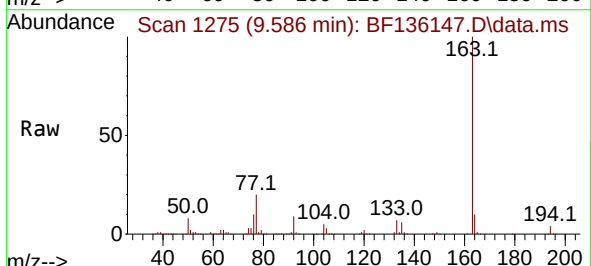
Manual Integrations

APPROVED

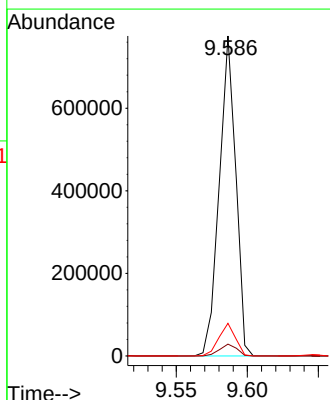
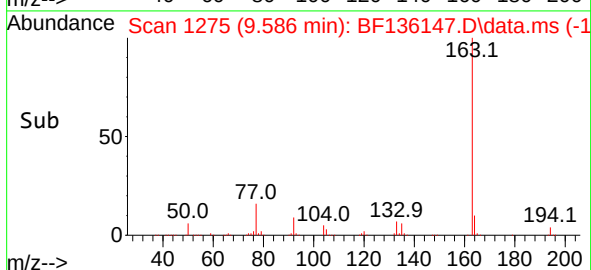
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

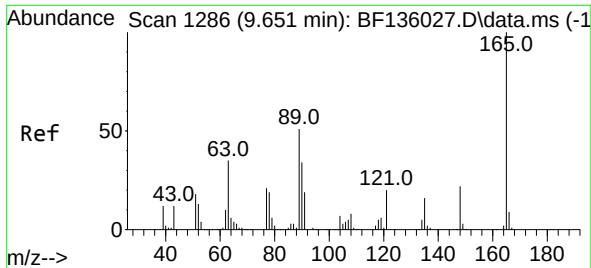


#50
Dimethylphthalate
Concen: 42.378 ng
RT: 9.586 min Scan# 1275
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



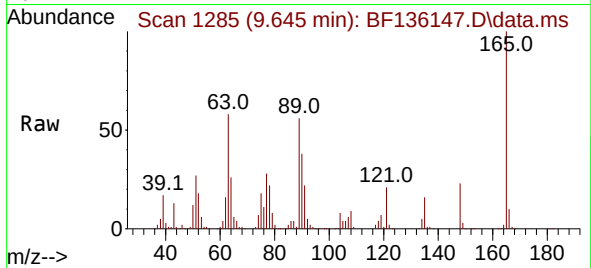
Tgt Ion:163 Resp: 625348
Ion Ratio Lower Upper
163 100
194 3.7 3.2 4.8
164 10.2 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 43.982 ng
RT: 9.645 min Scan# 1285
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

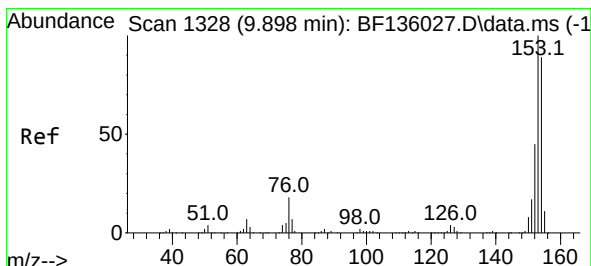
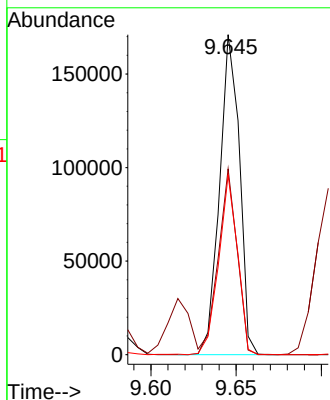
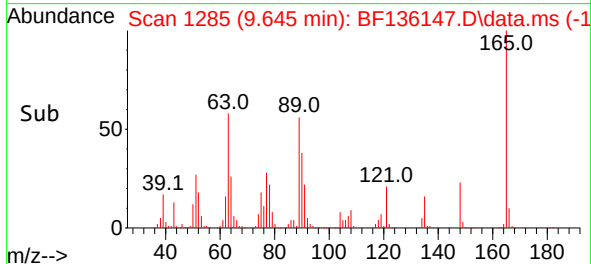
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



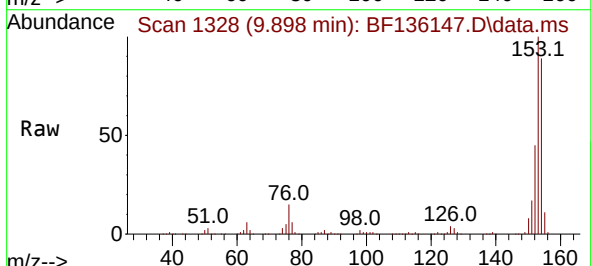
Tgt Ion:165 Resp: 13881
Ion Ratio Lower Upper
165 100
63 58.1 40.8 61.2
89 56.1 41.1 61.7

Manual Integrations
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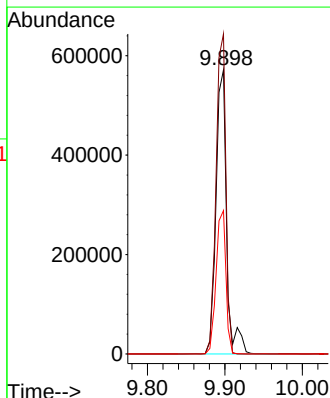
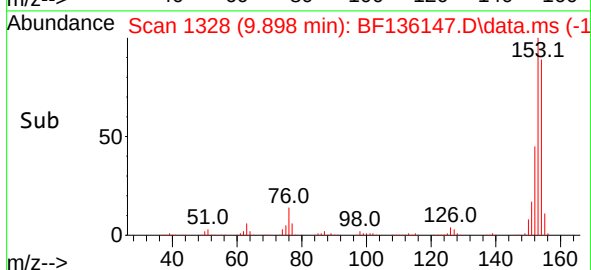
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

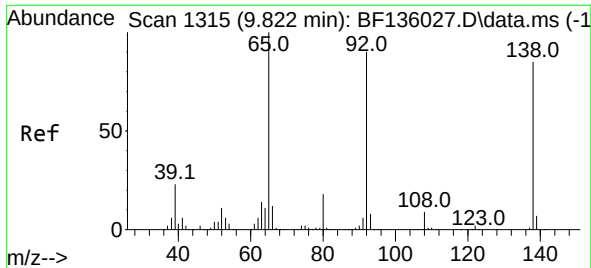


#52
Acenaphthene
Concen: 43.543 ng
RT: 9.898 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:154 Resp: 542896
Ion Ratio Lower Upper
154 100
153 112.7 89.9 134.9
152 50.5 40.2 60.2





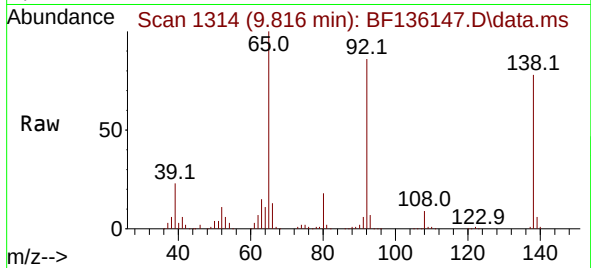
#53
3-Nitroaniline
Concen: 41.541 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

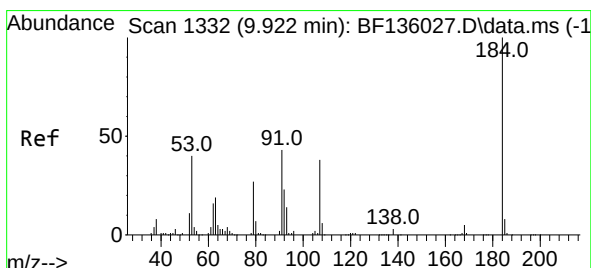
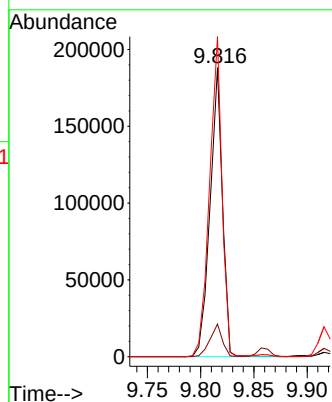
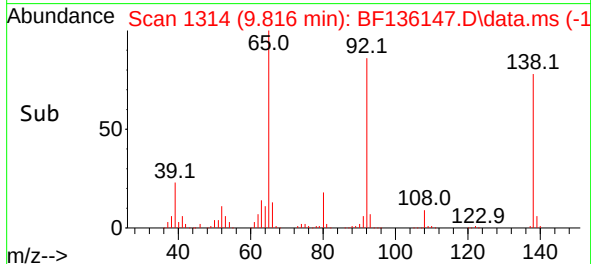


Tgt Ion:138 Resp: 152978
Ion Ratio Lower Upper
138 100
108 11.3 8.8 13.2
92 110.7 84.6 126.8

Manual Integrations

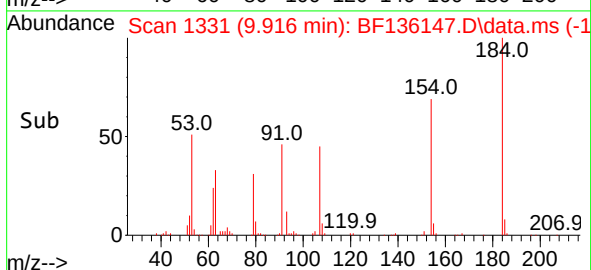
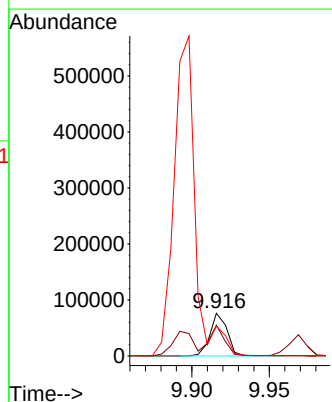
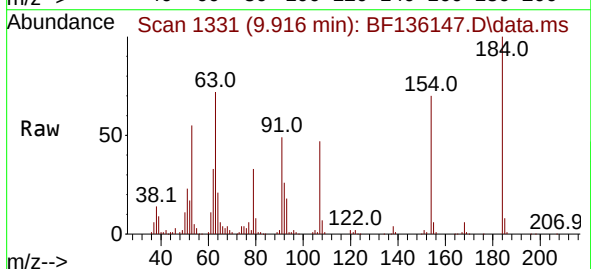
APPROVED

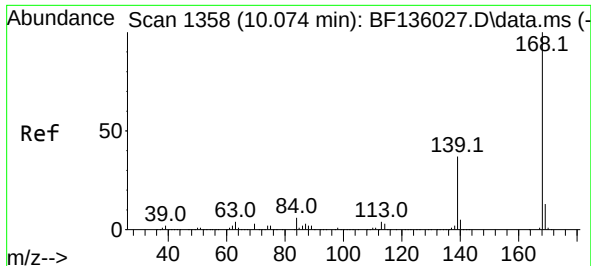
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#54
2,4-Dinitrophenol
Concen: 39.068 ng
RT: 9.916 min Scan# 1331
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

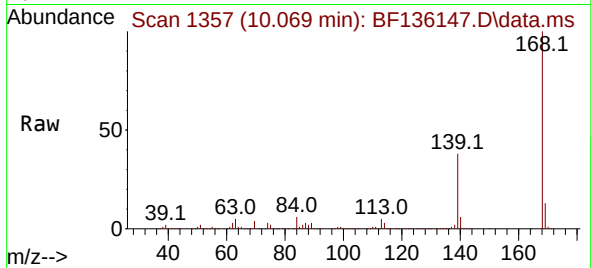
Tgt Ion:184 Resp: 59072
Ion Ratio Lower Upper
184 100
63 71.9 43.7 65.5#
154 69.8 51.2 76.8





#55
Dibenzenofuran
Concen: 41.473 ng
RT: 10.069 min Scan# 1357
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

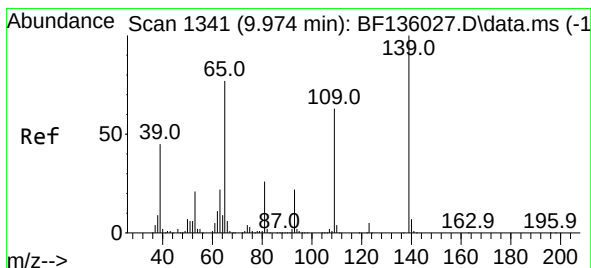
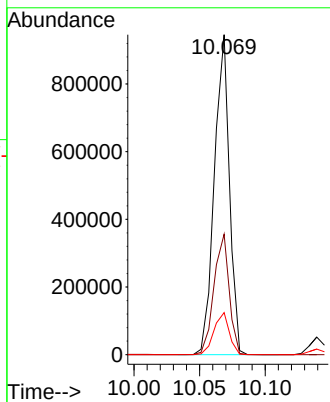
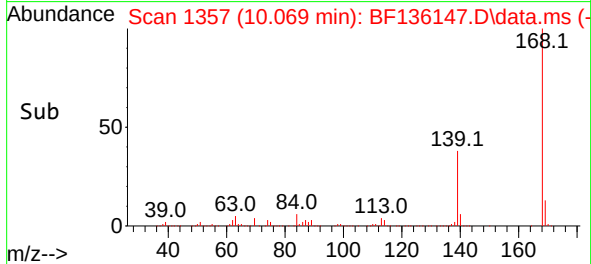
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



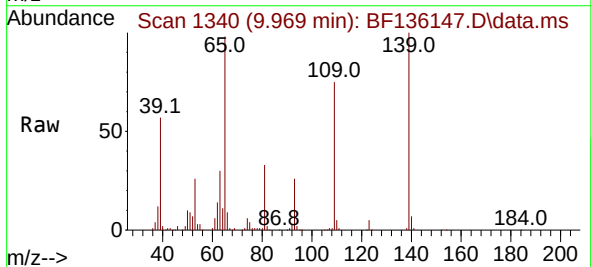
Tgt Ion:168 Resp: 753994
Ion Ratio Lower Upper
168 100
139 37.7 29.4 44.0
169 13.2 10.5 15.7

Manual Integrations
APPROVED

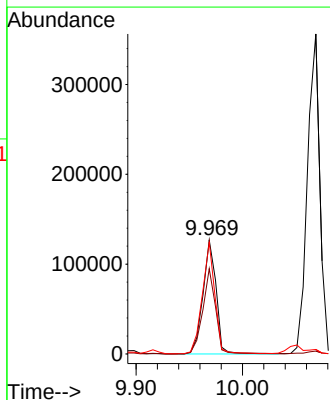
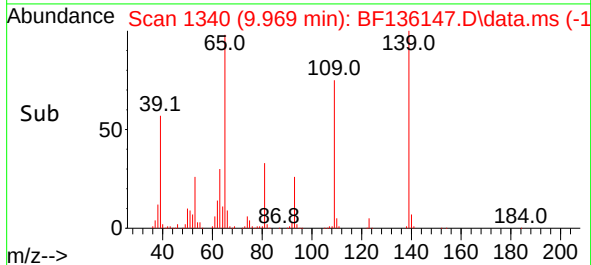
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

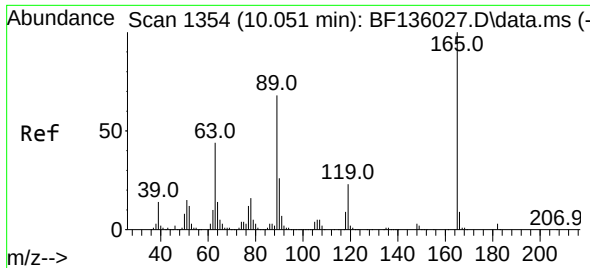


#56
4-Nitrophenol
Concen: 39.841 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:139 Resp: 109748
Ion Ratio Lower Upper
139 100
109 74.8 43.2 83.2
65 98.2 57.6 97.6#





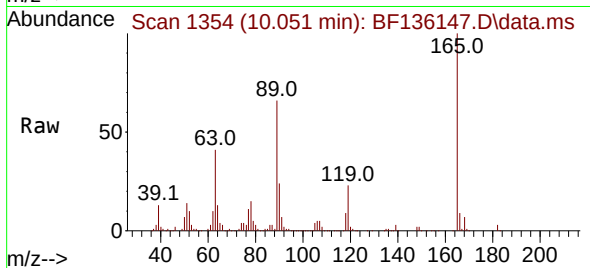
#57
2,4-Dinitrotoluene
Concen: 45.062 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

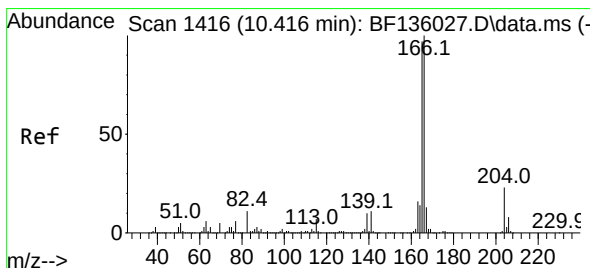
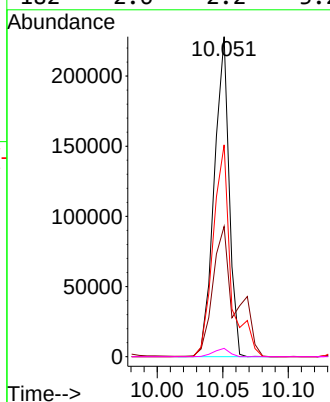
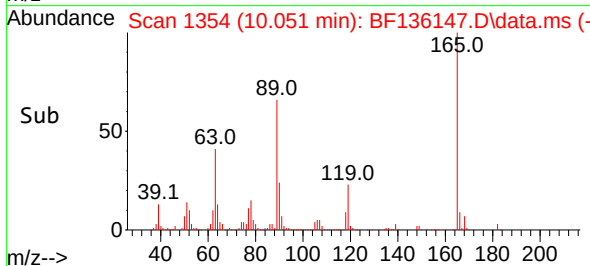


Tgt Ion:165 Resp: 17994
Ion Ratio Lower Upper
165 100
63 40.7 35.2 52.8
89 66.2 54.8 82.2
182 2.6 2.2 3.2

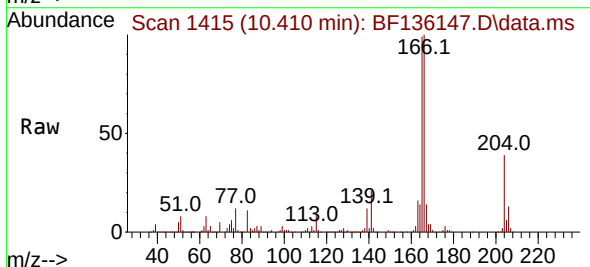
Manual Integrations

APPROVED

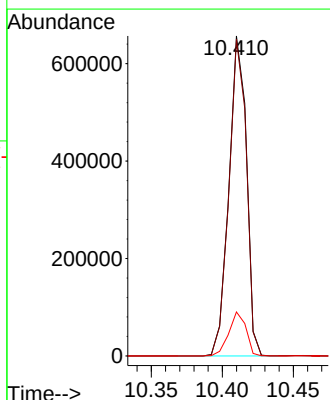
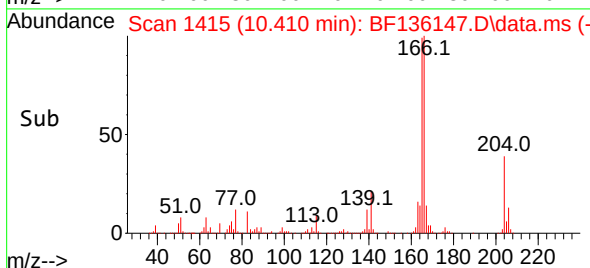
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

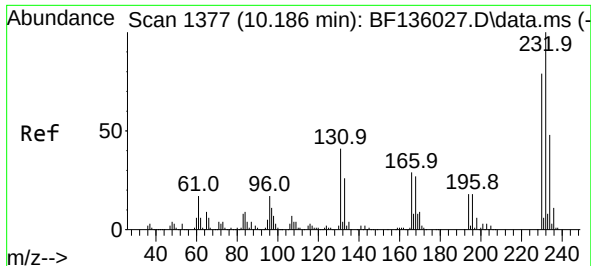


#58
Fluorene
Concen: 41.456 ng
RT: 10.410 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



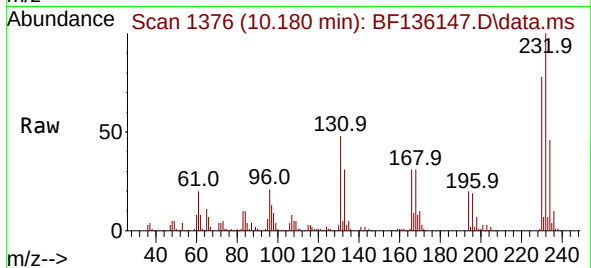
Tgt Ion:166 Resp: 564300
Ion Ratio Lower Upper
166 100
165 98.9 77.7 116.5
167 13.8 10.6 16.0





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.370 ng
RT: 10.180 min Scan# 1376
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

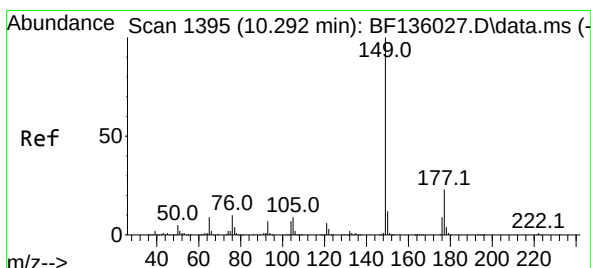
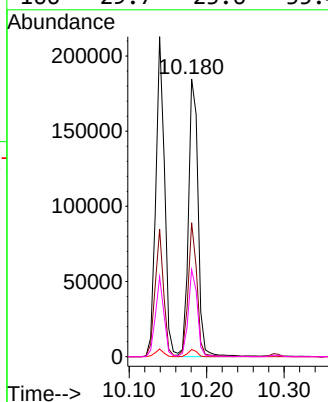
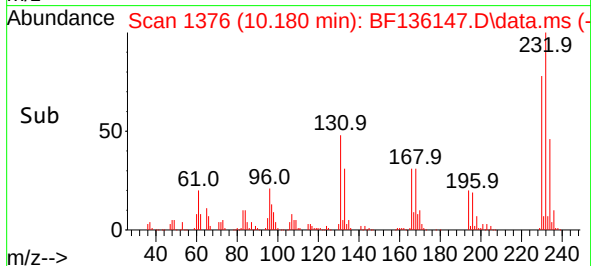
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



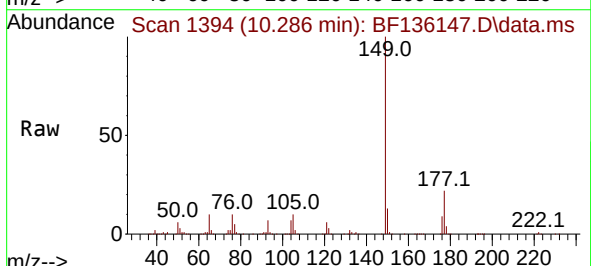
Tgt Ion:232 Resp: 158489
Ion Ratio Lower Upper
232 100
131 43.8 34.6 52.0
130 2.4 1.6 2.4
166 29.7 23.6 35.4

Manual Integrations
APPROVED

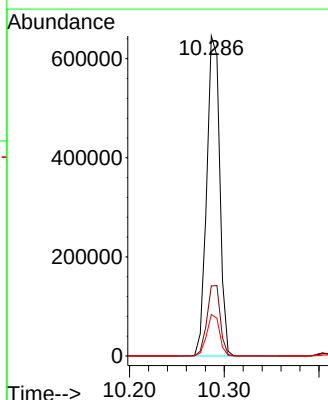
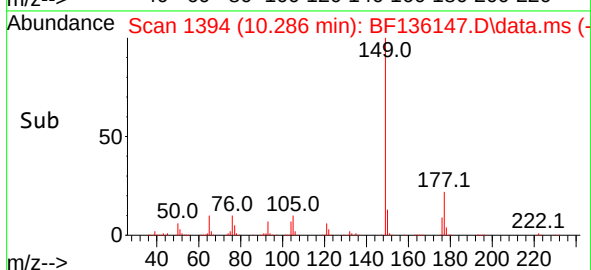
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

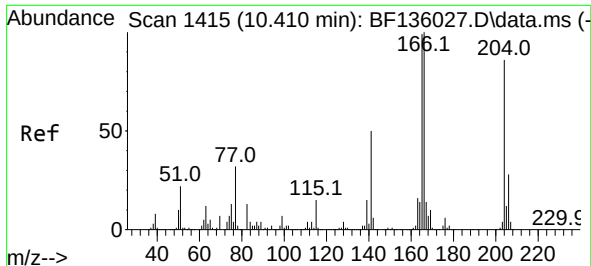


#60
Diethylphthalate
Concen: 43.582 ng
RT: 10.286 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



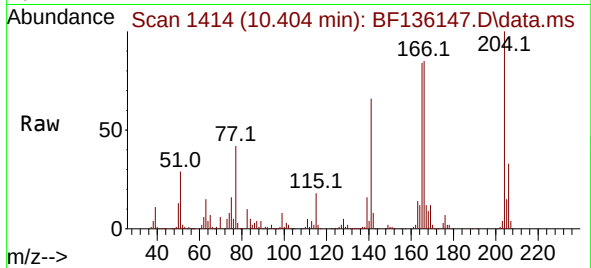
Tgt Ion:149 Resp: 614474
Ion Ratio Lower Upper
149 100
177 21.9 18.2 27.4
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 42.059 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

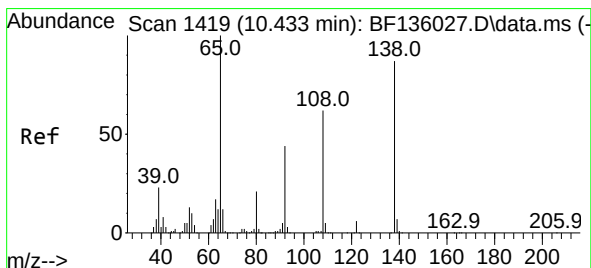
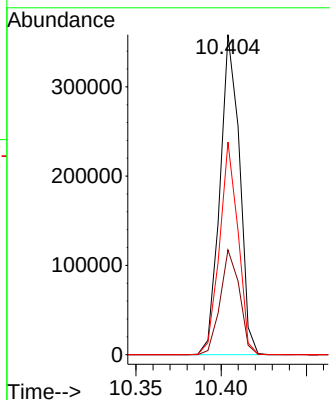
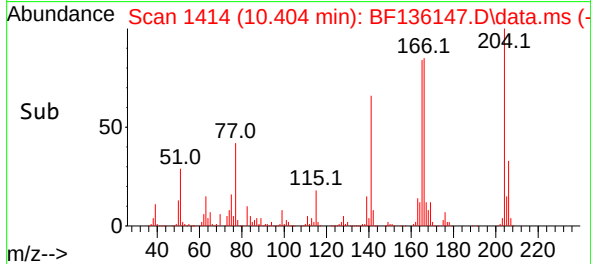
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:204 Resp: 28578
Ion Ratio Lower Upper
204 100
206 32.7 26.6 39.8
141 66.4 46.8 70.2

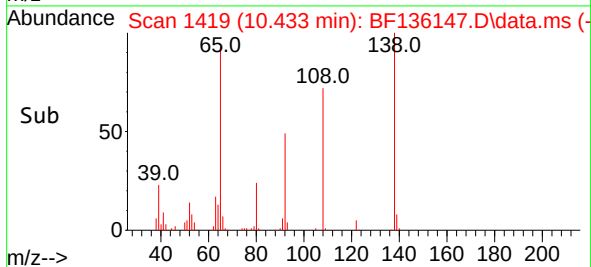
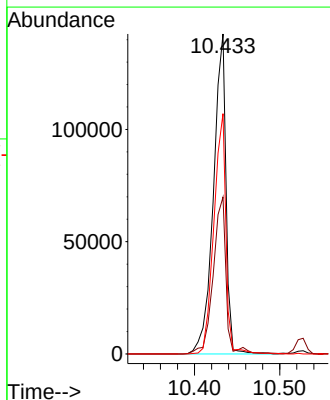
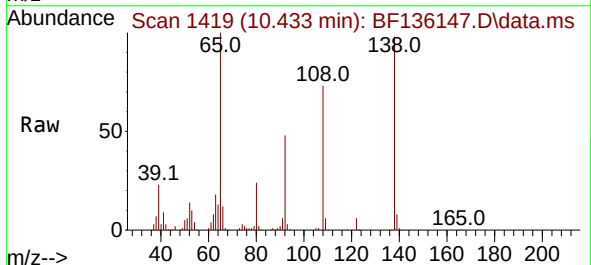
Manual Integrations
APPROVED

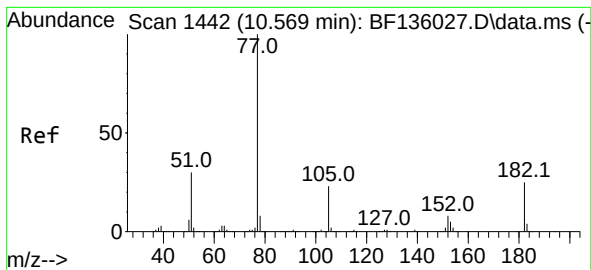
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#62
4-Nitroaniline
Concen: 41.370 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion:138 Resp: 146701
Ion Ratio Lower Upper
138 100
92 49.0 30.6 70.6
108 75.1 51.5 91.5





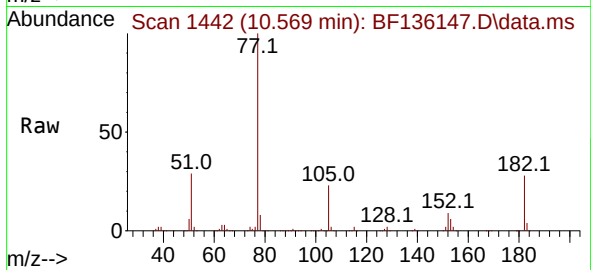
#63
Azobenzene
Concen: 41.814 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC



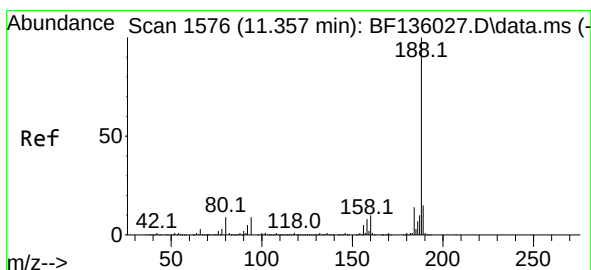
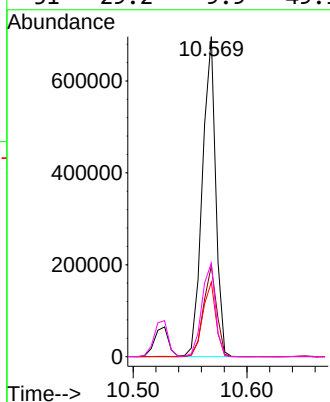
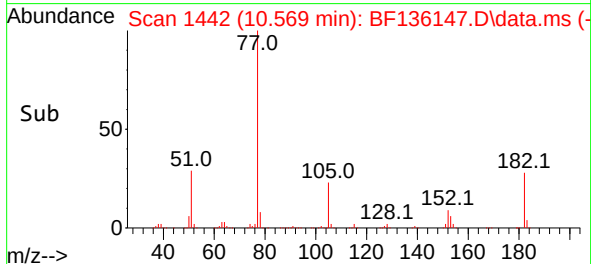
Tgt Ion: 77 Resp: 567775
Ion Ratio Lower Upper
77 100
182 28.4 5.0 45.0
105 23.3 2.6 42.6
51 29.2 9.9 49.9

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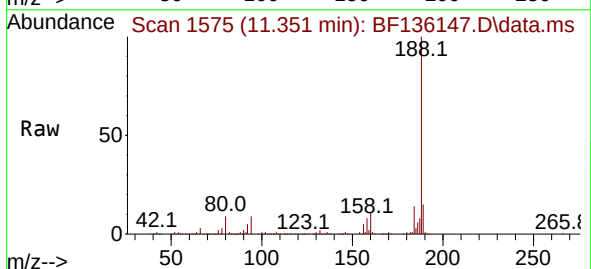
APPROVED

Reviewed By :Yogesh Patel 11/06/2023

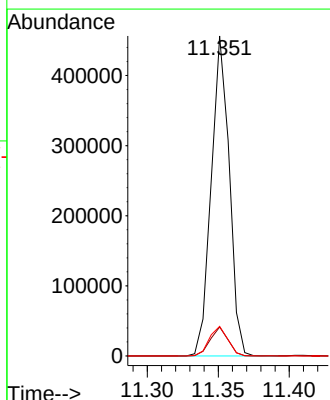
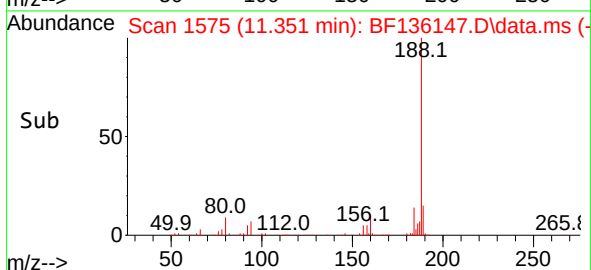
Supervised By :mohammad ahmed 11/07/2023

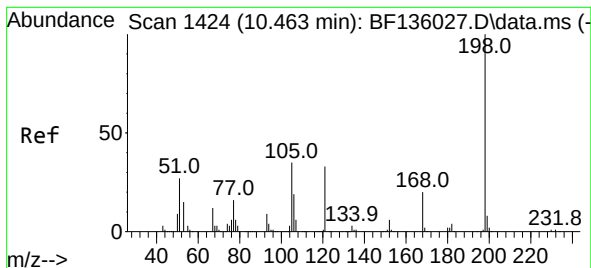


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



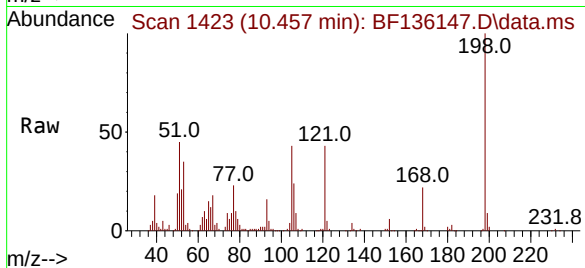
Tgt Ion:188 Resp: 402732
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.3 7.4 11.0





#65
4,6-Dinitro-2-methylphenol
Concen: 41.625 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

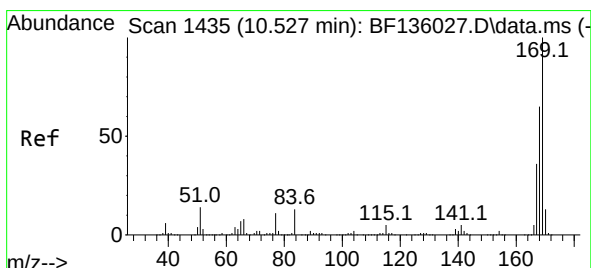
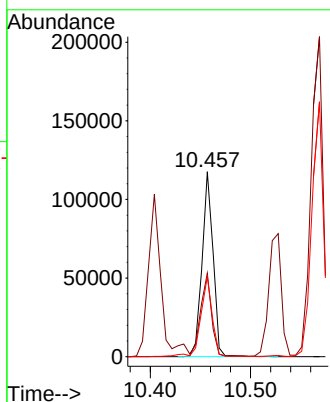
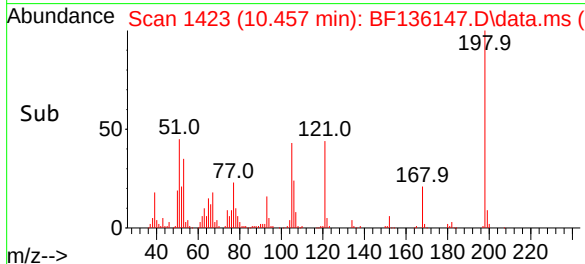
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



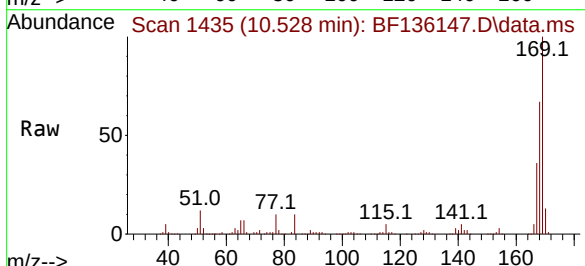
Tgt Ion:198 Resp: 90170
Ion Ratio Lower Upper
198 100
51 45.2 12.9 52.9
105 43.3 16.0 56.0

Manual Integrations
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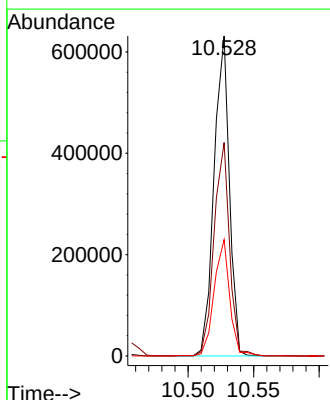
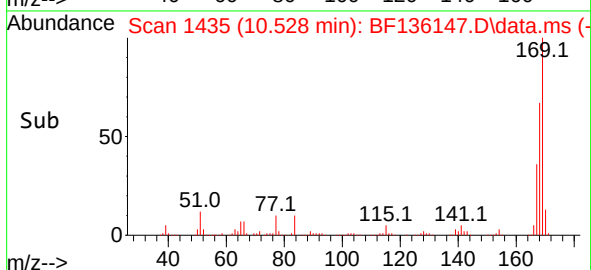
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

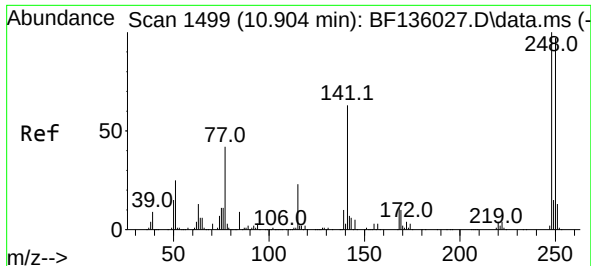


#66
n-Nitrosodiphenylamine
Concen: 42.231 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



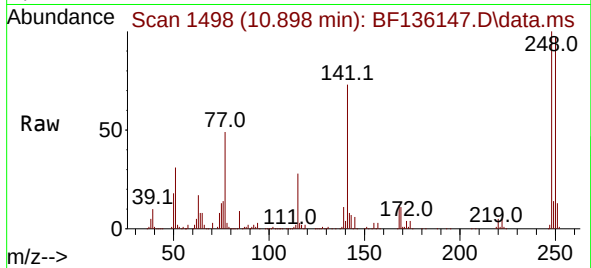
Tgt Ion:169 Resp: 513061
Ion Ratio Lower Upper
169 100
168 66.7 52.2 78.2
167 36.3 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 44.802 ng
RT: 10.898 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

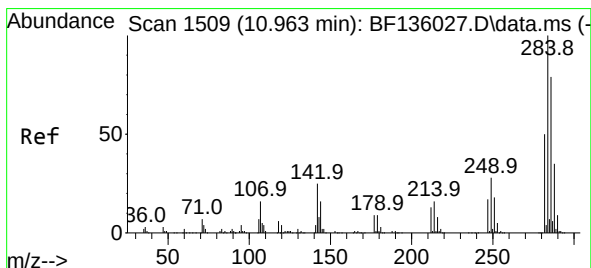
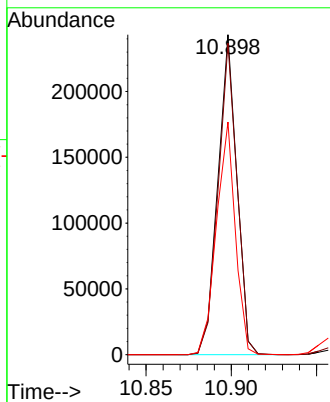
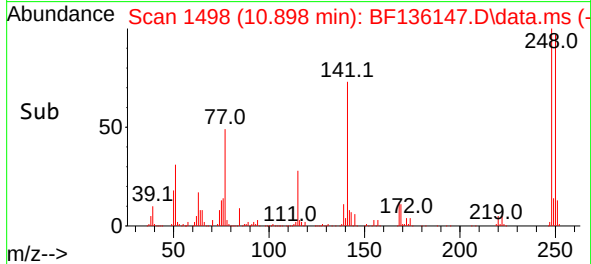
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



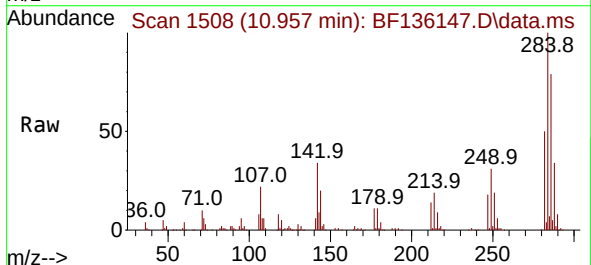
Tgt Ion:248 Resp: 189169
Ion Ratio Lower Upper
248 100
250 97.4 77.6 116.4
141 72.7 50.4 75.6

Manual Integrations
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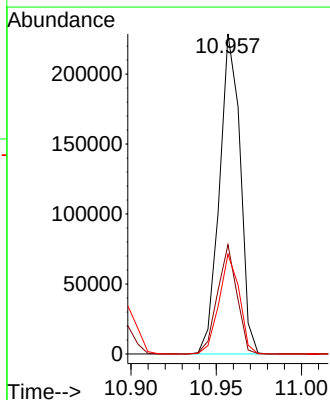
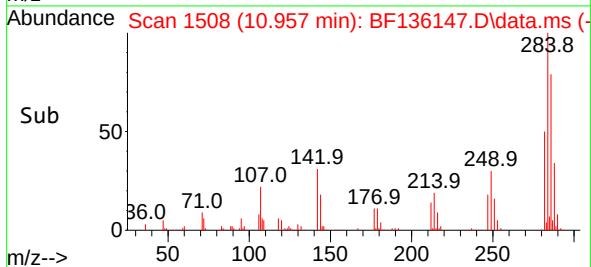
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

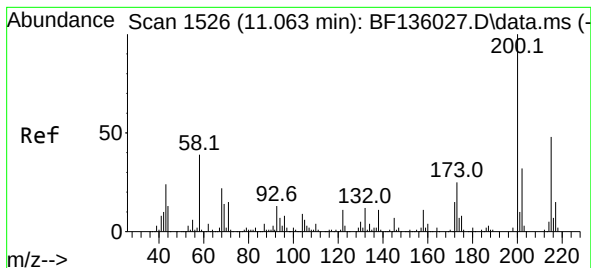


#68
Hexachlorobenzene
Concen: 42.828 ng
RT: 10.957 min Scan# 1508
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:284 Resp: 193134
Ion Ratio Lower Upper
284 100
142 34.2 20.2 30.4#
249 31.1 22.6 33.8





#69

Atrazine

Concen: 40.555 ng

RT: 11.057 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

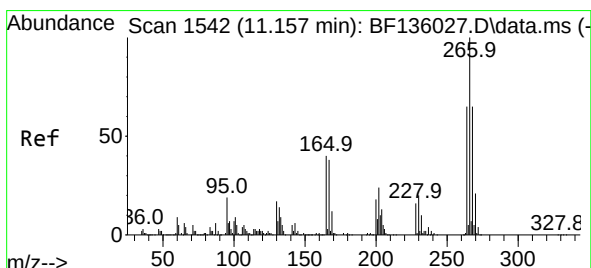
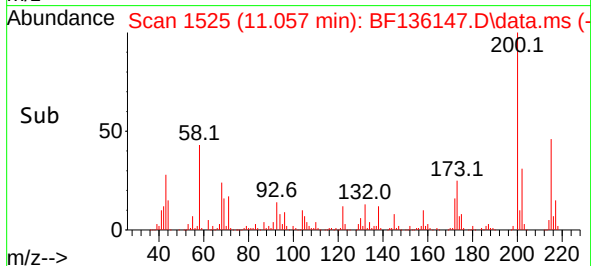
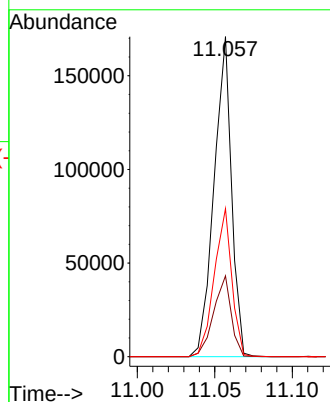
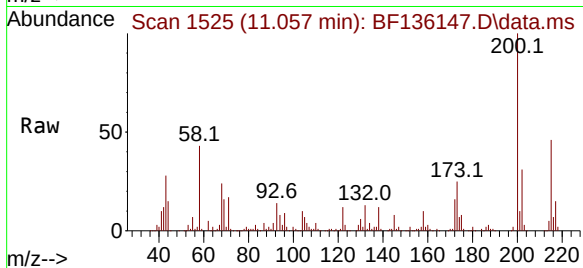
Tgt Ion:200 Resp: 134054
 Ion Ratio Lower Upper
 200 100
 173 25.3 5.2 45.2
 215 46.2 28.4 68.4

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#70

Pentachlorophenol

Concen: 41.146 ng

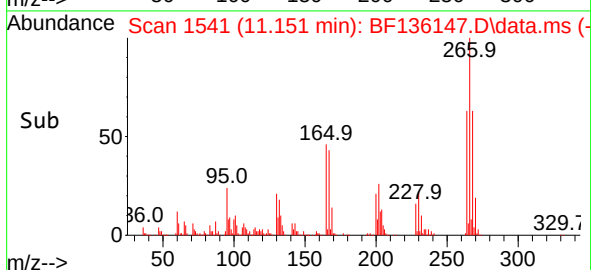
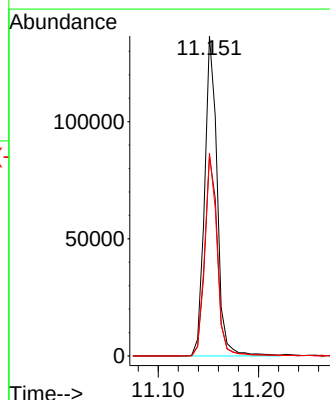
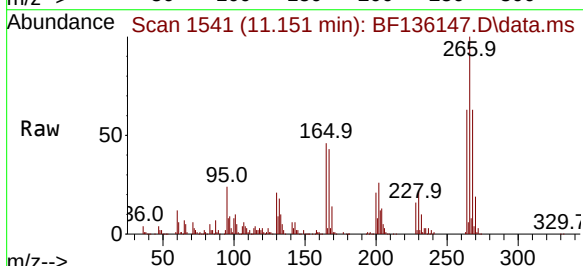
RT: 11.151 min Scan# 1541

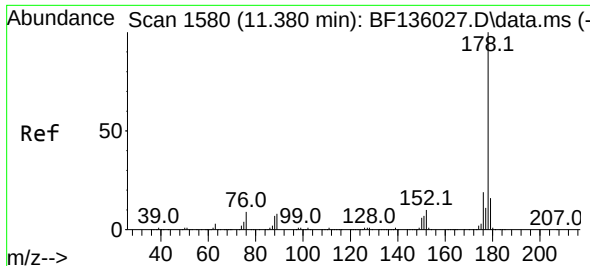
Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

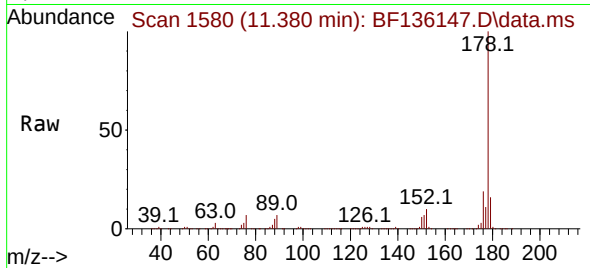
Tgt Ion:266 Resp: 119163
 Ion Ratio Lower Upper
 266 100
 268 62.5 52.2 78.4
 264 63.4 52.2 78.4





#71
Phenanthrene
Concen: 41.768 ng
RT: 11.380 min Scan# 1580
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

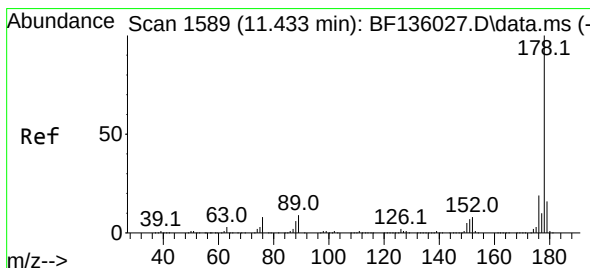
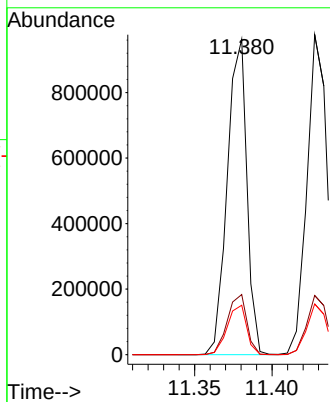
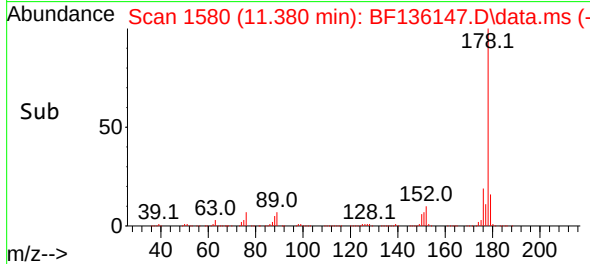
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:178 Resp: 846963
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.7 12.9 19.3

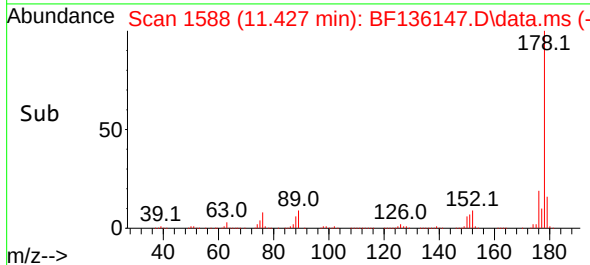
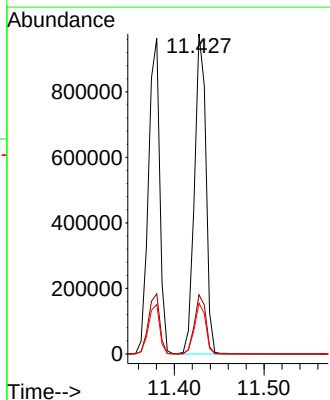
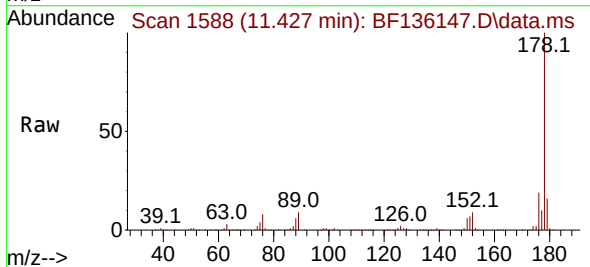
Manual Integrations
APPROVED

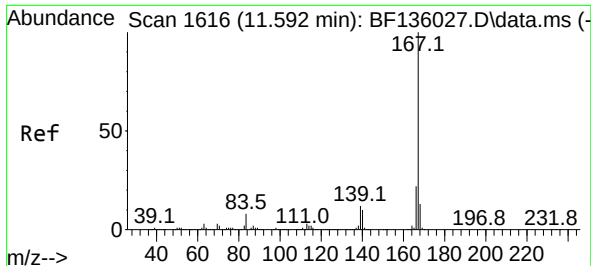
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#72
Anthracene
Concen: 41.609 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

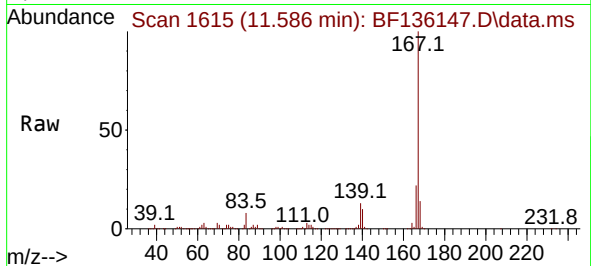
Tgt Ion:178 Resp: 864565
Ion Ratio Lower Upper
178 100
176 18.5 15.0 22.4
179 15.8 12.6 18.8





#73
 Carbazole
 Concen: 39.088 ng
 RT: 11.586 min Scan# 1615
 Delta R.T. 0.000 min
 Lab File: BF136147.D
 Acq: 04 Nov 2023 16:06

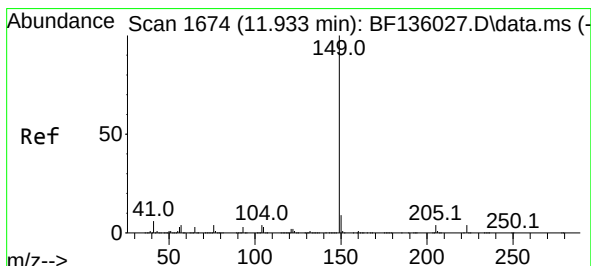
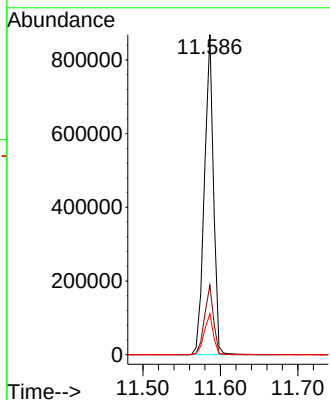
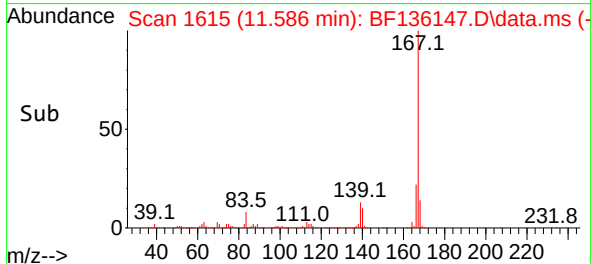
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC



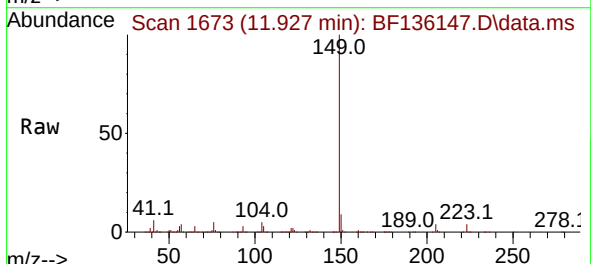
Tgt Ion:167 Resp: 705778
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.2 25.8
 139 12.8 9.9 14.9

Manual Integrations
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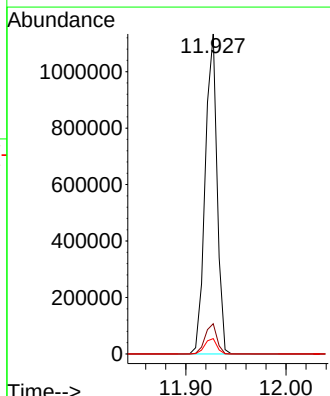
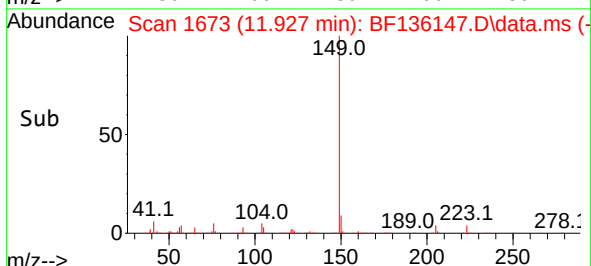
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

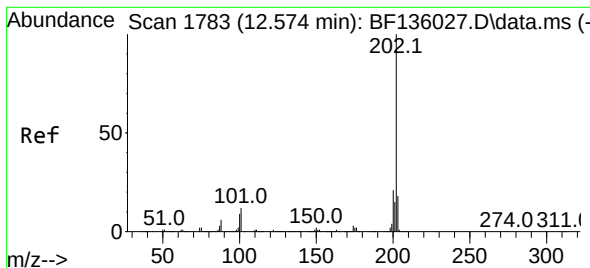


#74
 Di-n-butylphthalate
 Concen: 45.443 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.000 min
 Lab File: BF136147.D
 Acq: 04 Nov 2023 16:06



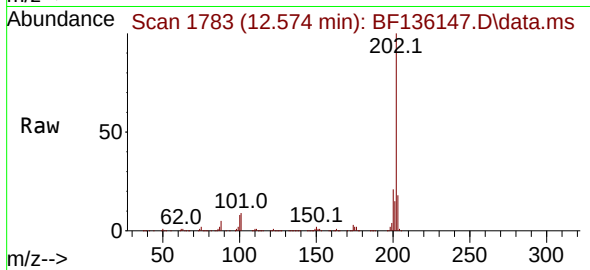
Tgt Ion:149 Resp: 937584
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.3 10.9
 104 4.8 3.6 5.4





#75
Fluoranthene
Concen: 38.835 ng
RT: 12.574 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

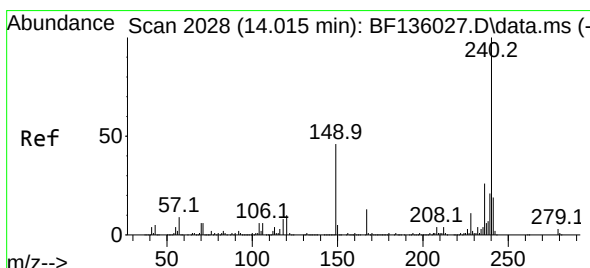
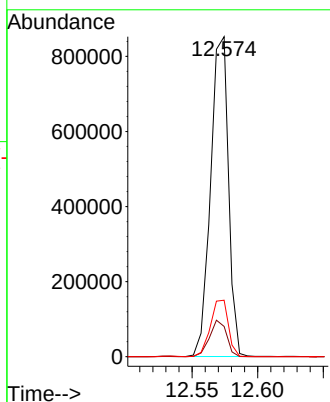
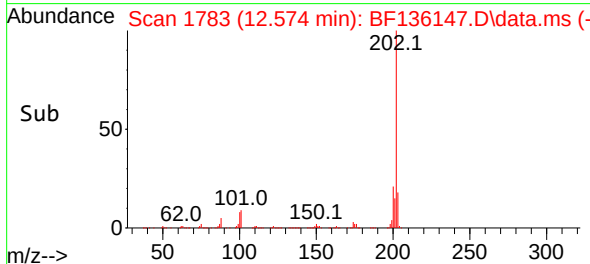
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



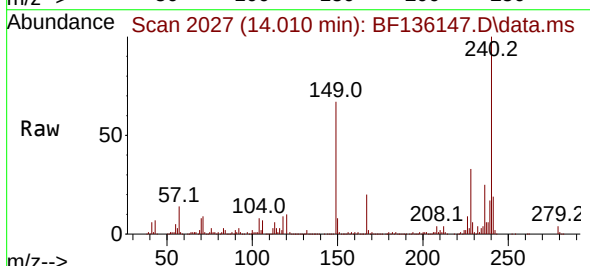
Tgt Ion:202 Resp: 80899
Ion Ratio Lower Upper
202 100
101 9.5 0.0 31.8
203 17.7 0.0 37.9

Manual Integrations
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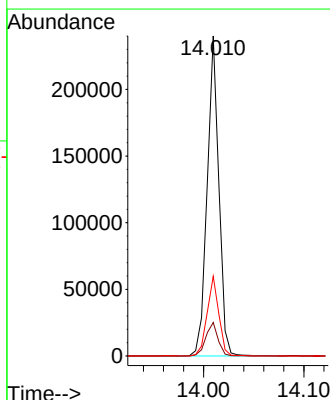
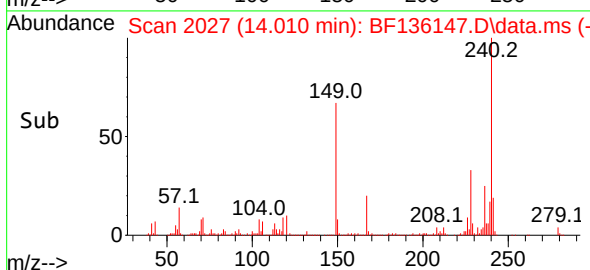
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

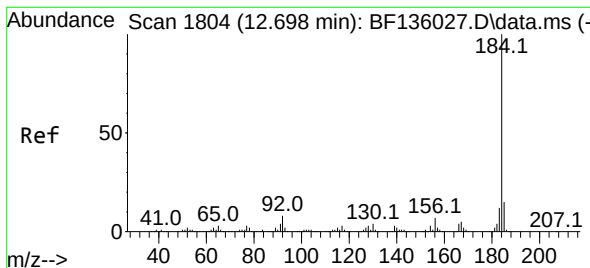


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:240 Resp: 195390
Ion Ratio Lower Upper
240 100
120 10.4 7.6 11.4
236 24.9 20.6 31.0





#77

Benzidine

Concen: 49.308 ng

RT: 12.698 min Scan# 1804

Delta R.T. 0.000 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

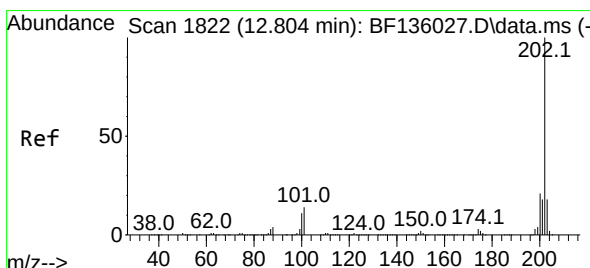
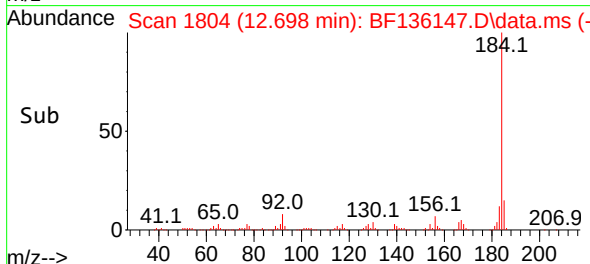
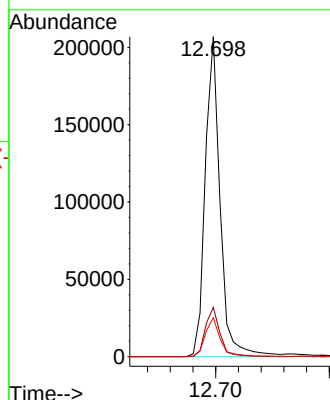
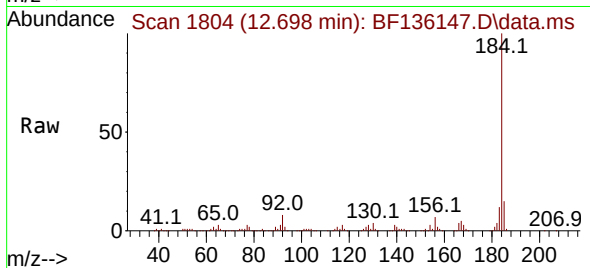
Tgt Ion:184	Resp: 187779
Ion Ratio	Lower Upper
184 100	
185 15.4	11.8 17.8
183 12.2	9.5 14.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/07/2023



#78

Pyrene

Concen: 45.899 ng

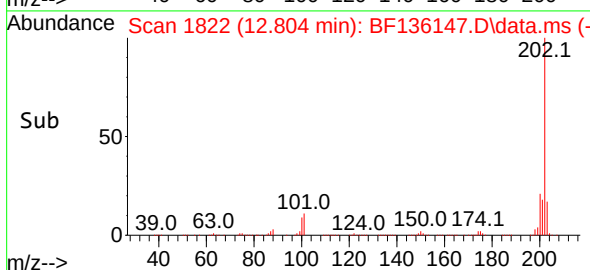
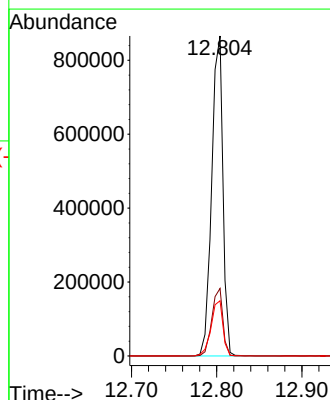
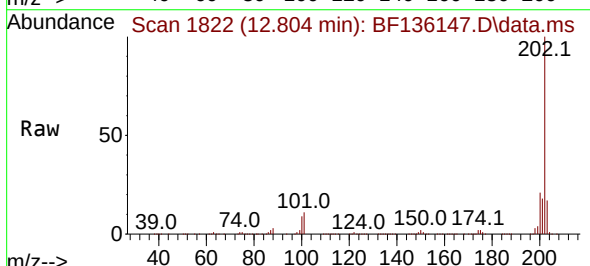
RT: 12.804 min Scan# 1822

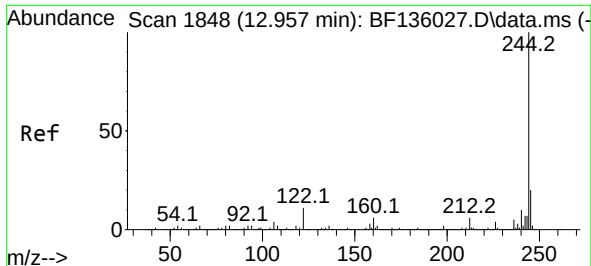
Delta R.T. 0.006 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Tgt Ion:202	Resp: 790681
Ion Ratio	Lower Upper
202 100	
200 21.1	17.0 25.4
203 17.2	14.4 21.6





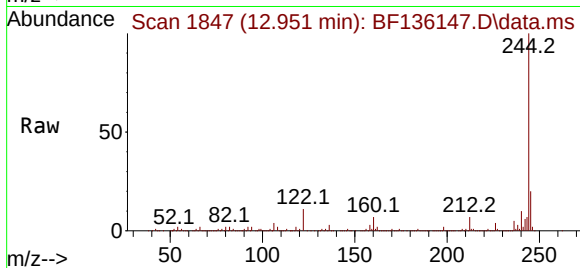
#79
 Terphenyl-d14
 Concen: 96.393 ng
 RT: 12.951 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF136147.D
 Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

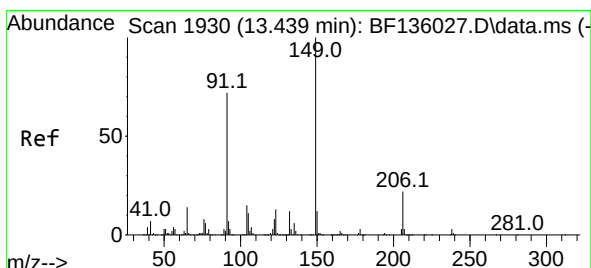
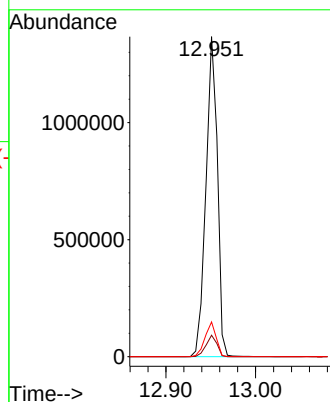
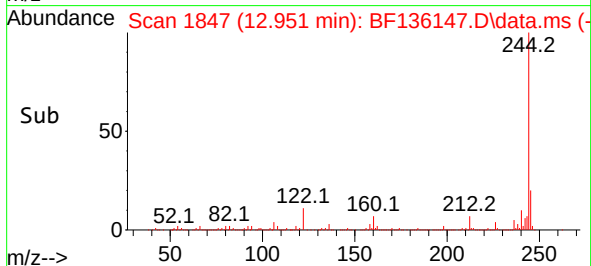


Tgt Ion:244 Resp: 1211958
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.1 7.7
 122 10.9 8.6 12.8

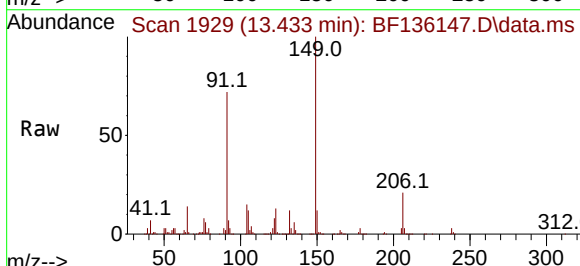
Manual Integrations

APPROVED

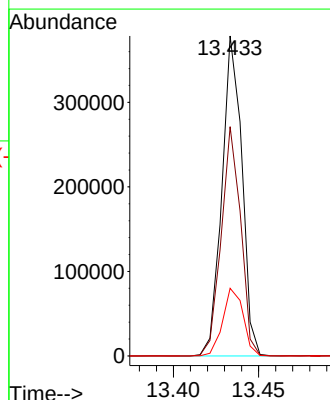
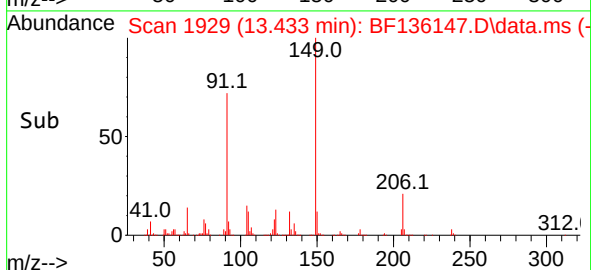
Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023

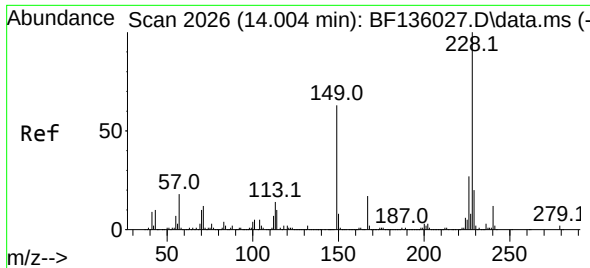


#80
 Butylbenzylphthalate
 Concen: 50.127 ng
 RT: 13.433 min Scan# 1929
 Delta R.T. 0.000 min
 Lab File: BF136147.D
 Acq: 04 Nov 2023 16:06



Tgt Ion:149 Resp: 309098
 Ion Ratio Lower Upper
 149 100
 91 71.6 57.6 86.4
 206 21.2 17.4 26.0





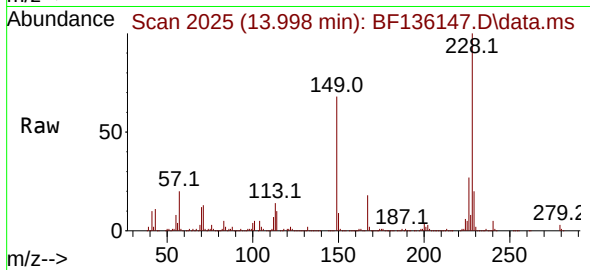
#81
Benzo(a)anthracene
Concen: 42.015 ng
RT: 13.998 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

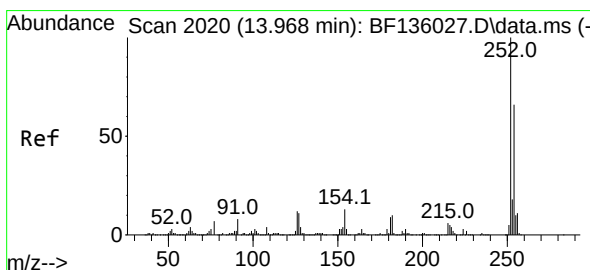
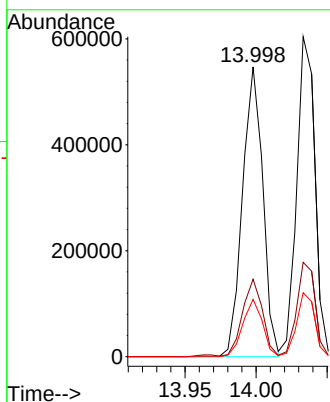
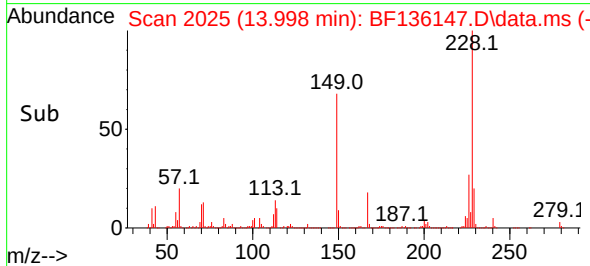


Tgt Ion:228 Resp: 543479
Ion Ratio Lower Upper
228 100
226 26.8 21.5 32.3
229 19.8 15.8 23.6

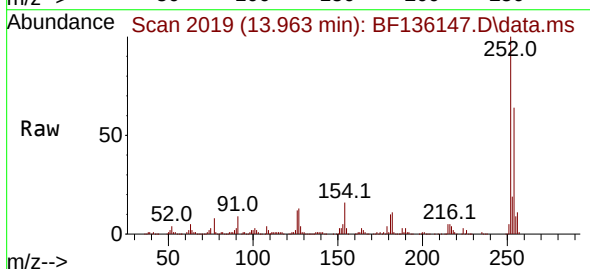
Manual Integrations

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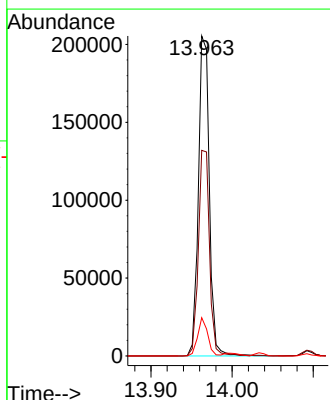
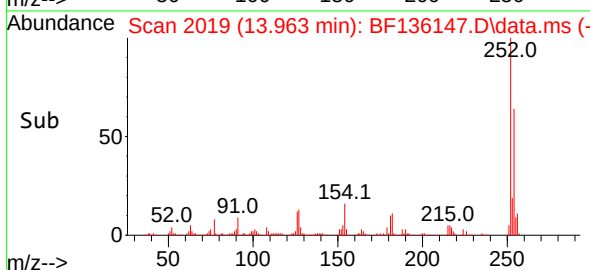
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

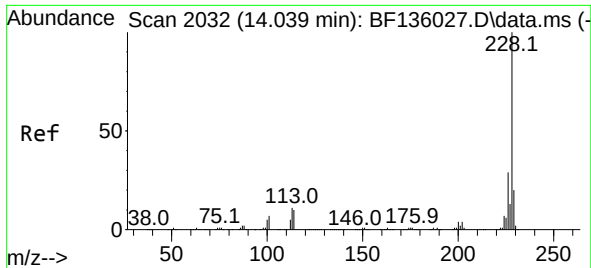


#82
3,3'-Dichlorobenzidine
Concen: 46.780 ng
RT: 13.963 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:252 Resp: 193136
Ion Ratio Lower Upper
252 100
254 64.3 52.5 78.7
126 11.9 9.4 14.2





#83
Chrysene
Concen: 42.406 ng
RT: 14.033 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

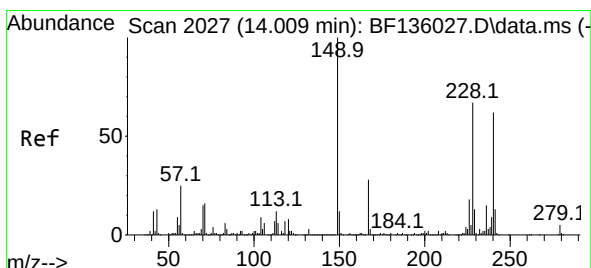
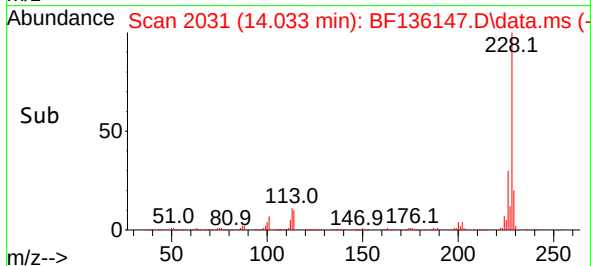
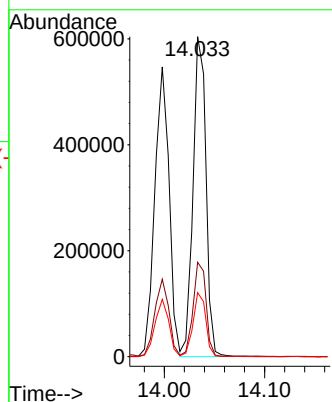
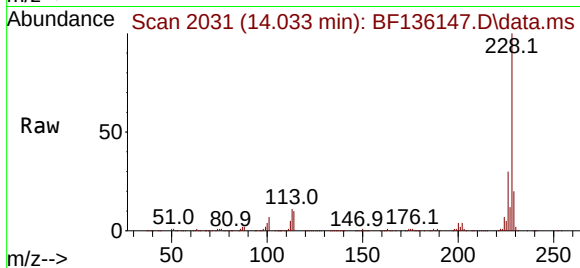
SSTDCCC040EC

Tgt Ion:228 Resp: 54021
Ion Ratio Lower Upper
228 100
226 29.5 23.5 35.3
229 20.0 16.0 24.0

Manual Integrations

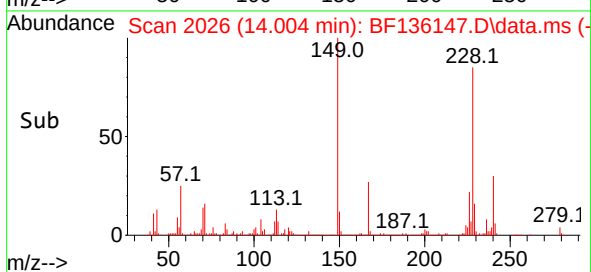
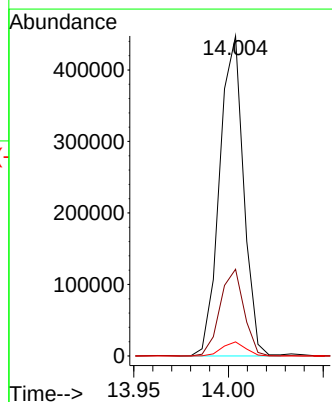
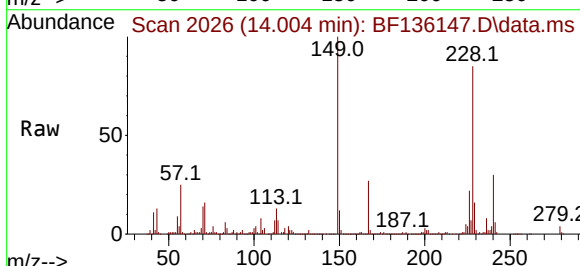
APPROVED

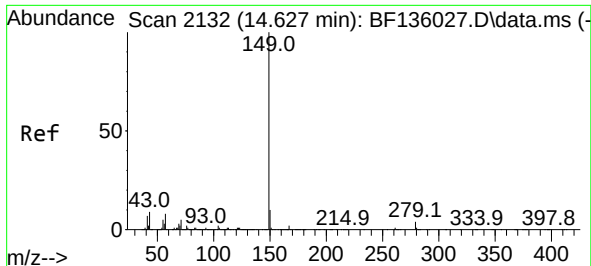
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.966 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

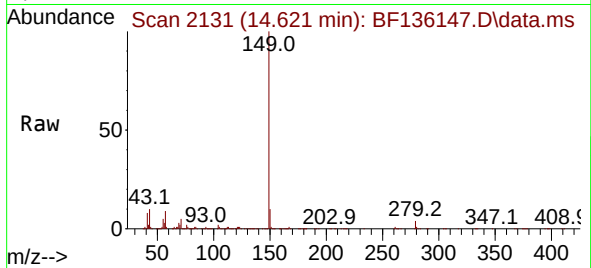
Tgt Ion:149 Resp: 394882
Ion Ratio Lower Upper
149 100
167 27.1 22.6 33.8
279 4.4 4.1 6.1





#85
Di-n-octyl phthalate
Concen: 57.472 ng
RT: 14.621 min Scan# 2131
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

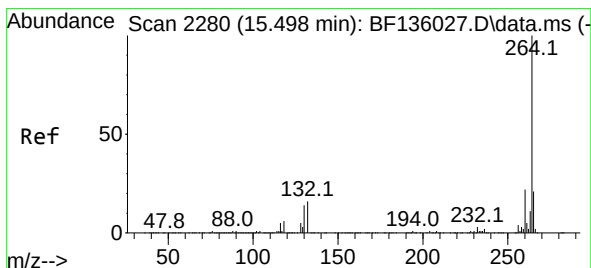
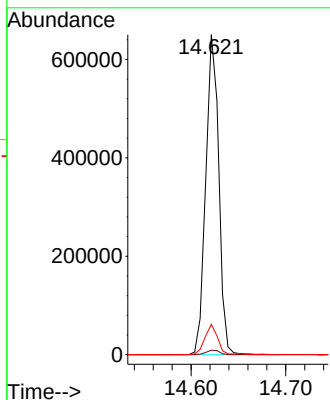
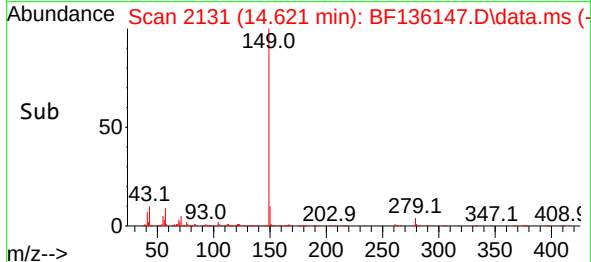
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC



Tgt Ion:149 Resp: 618528
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.6 7.6 11.4

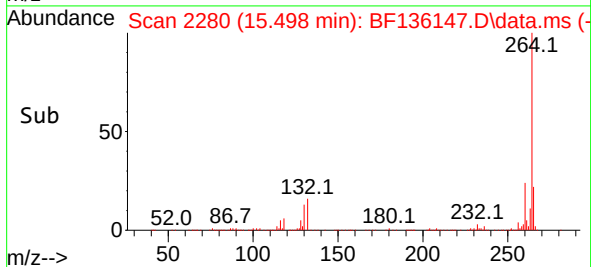
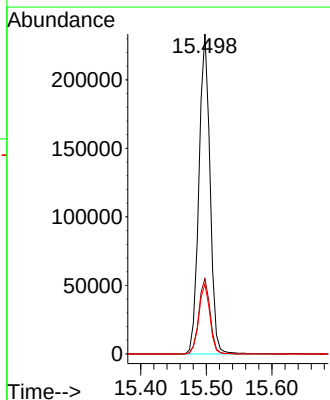
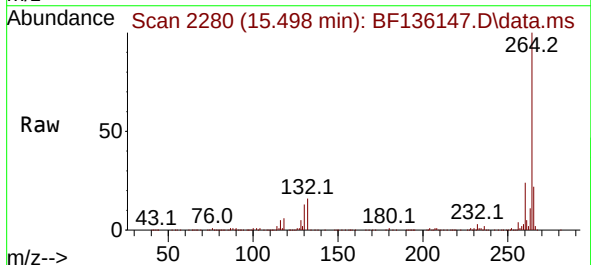
Manual Integrations
APPROVED

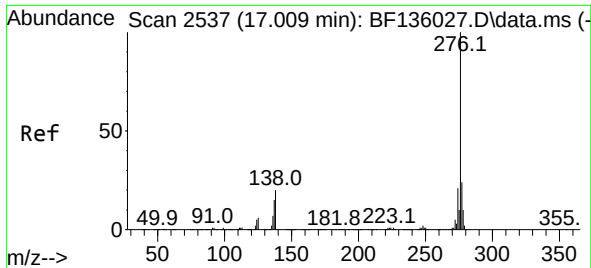
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.498 min Scan# 2280
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Tgt Ion:264 Resp: 275356
Ion Ratio Lower Upper
264 100
260 23.5 17.9 26.9
265 21.8 16.8 25.2





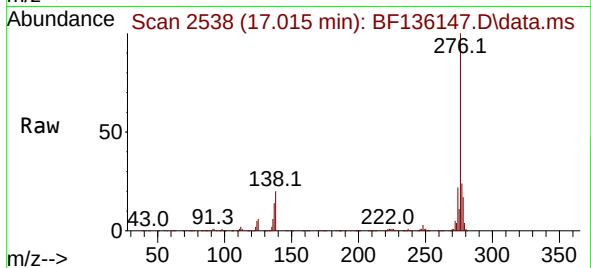
#87
Indeno(1,2,3-cd)pyrene
Concen: 43.423 ng
RT: 17.015 min Scan# 2538
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

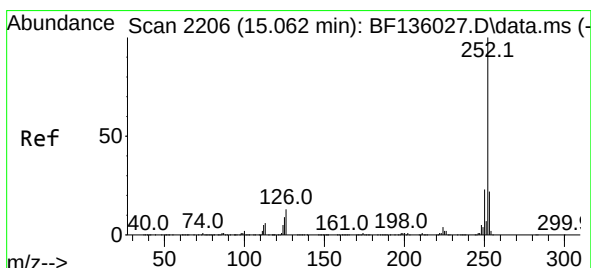
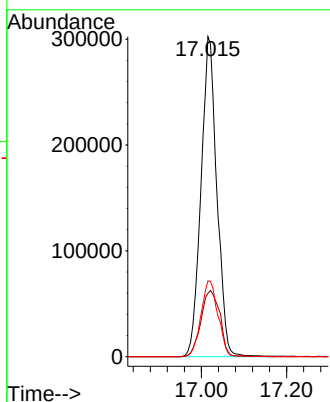
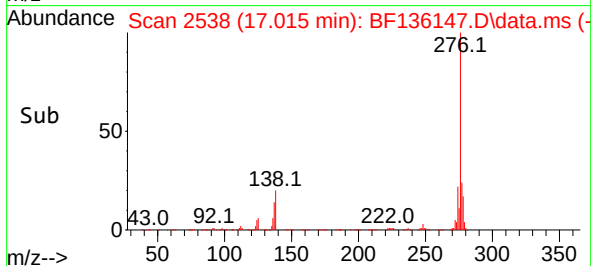


Tgt Ion:276 Resp: 781449
Ion Ratio Lower Upper
276 100
138 24.6 20.4 30.6
277 25.5 20.2 30.2

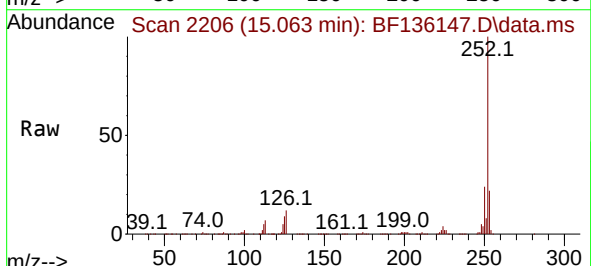
Manual Integrations

APPROVED

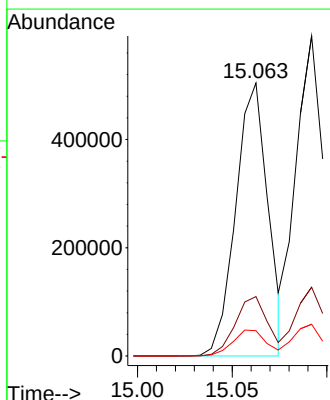
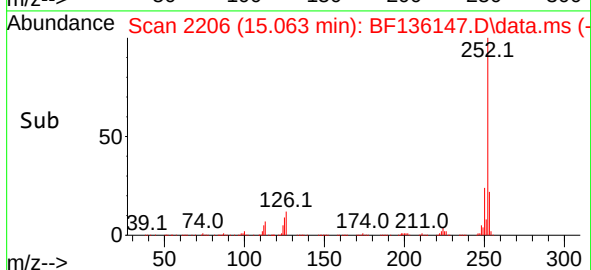
Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023

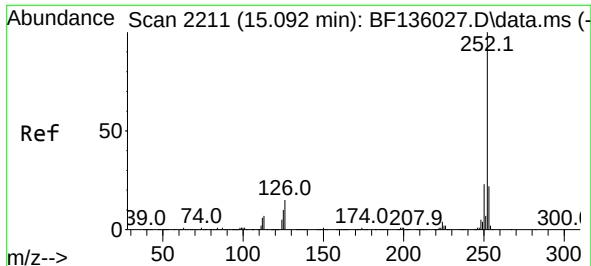


#88
Benzo(b)fluoranthene
Concen: 36.580 ng
RT: 15.063 min Scan# 2206
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:252 Resp: 596011
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 9.3 7.5 11.3





#89

Benzo(k)fluoranthene

Concen: 37.891 ng

RT: 15.092 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

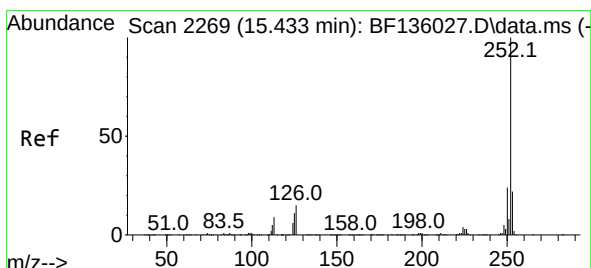
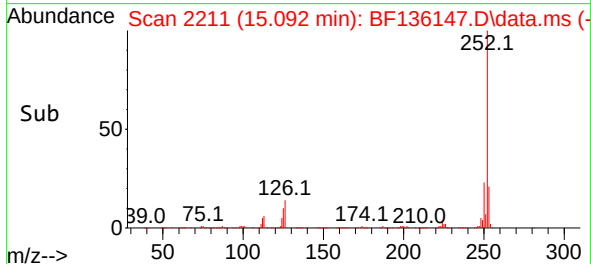
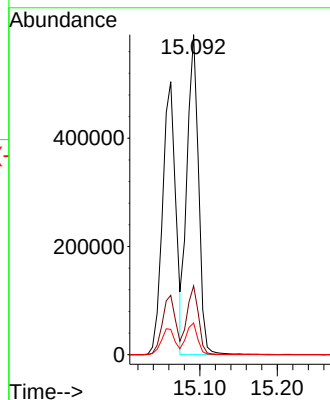
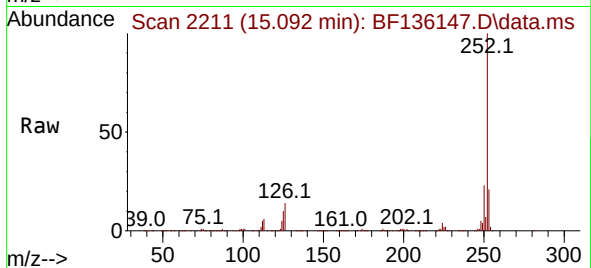
SSTDCCC040EC

Tgt Ion:252 Resp: 61085
 Ion Ratio Lower Upper
 252 100
 253 21.5 17.4 26.0
 125 9.9 8.0 12.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023
 Supervised By :mohammad ahmed 11/07/2023



#90

Benzo(a)pyrene

Concen: 40.373 ng

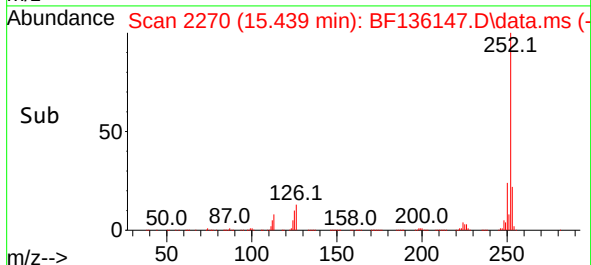
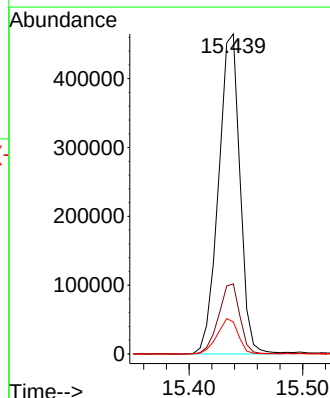
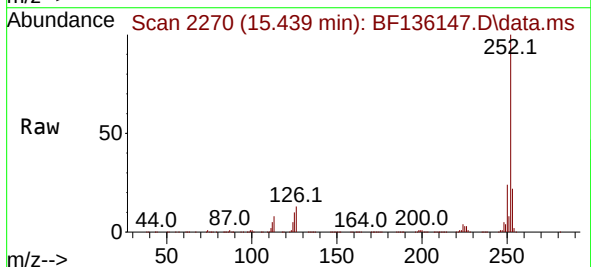
RT: 15.439 min Scan# 2270

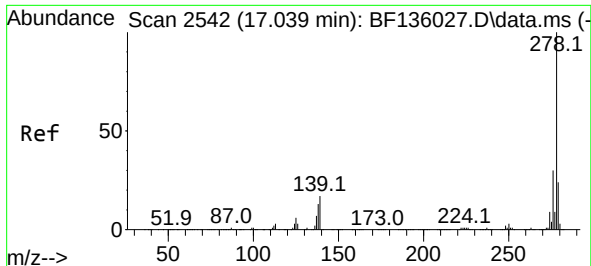
Delta R.T. 0.006 min

Lab File: BF136147.D

Acq: 04 Nov 2023 16:06

Tgt Ion:252 Resp: 611208
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.3 25.9
 125 10.1 9.0 13.6





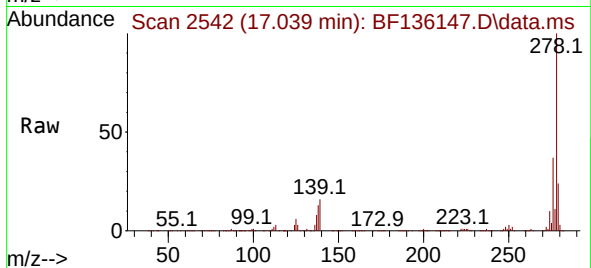
#91
Dibenzo(a,h)anthracene
Concen: 44.064 ng
RT: 17.039 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

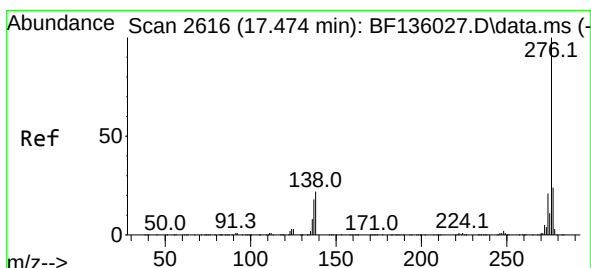
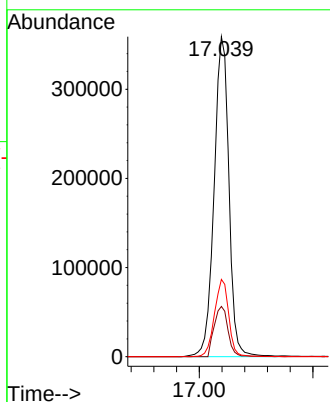
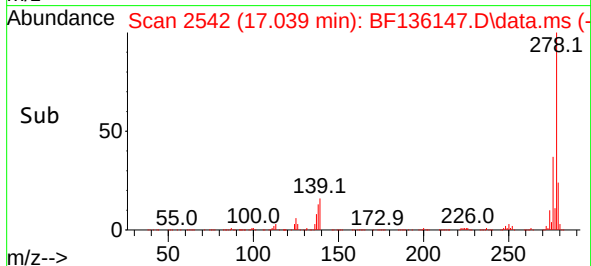


Tgt Ion:278 Resp: 649560
Ion Ratio Lower Upper
278 100
139 15.7 13.7 20.5
279 24.1 19.0 28.6

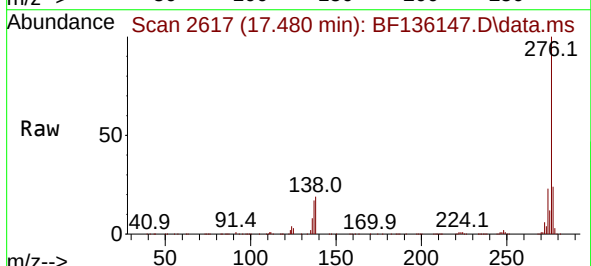
Manual Integrations

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Reviewed By :Yogesh Patel 11/06/2023
Supervised By :mohammad ahmed 11/07/2023



#92
Benzo(g,h,i)perylene
Concen: 34.170 ng
RT: 17.480 min Scan# 2617
Delta R.T. 0.006 min
Lab File: BF136147.D
Acq: 04 Nov 2023 16:06



Tgt Ion:276 Resp: 558586
Ion Ratio Lower Upper
276 100
277 24.4 19.0 28.4
138 19.3 17.4 26.2

