

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136272.D
 Acq On : 29 Nov 2023 03:30
 Operator : CG\JU
 Sample : 05553-01MSD 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 03:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	95164	20.000	ng	0.00
21) Naphthalene-d8	8.080	136	321469	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	142259	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	304103	20.000	ng	0.00
76) Chrysene-d12	13.986	240	221536	20.000	ng	0.00
86) Perylene-d12	15.468	264	151362	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	126642	18.522	ng	0.00
7) Phenol-d6	6.434	99	139648	16.335	ng	-0.01
23) Nitrobenzene-d5	7.363	82	81684	13.427	ng	-0.01
42) 2,4,6-Tribromophenol	10.627	330	35443	20.379	ng	-0.01
45) 2-Fluorobiphenyl	9.157	172	150909	13.550	ng	-0.01
79) Terphenyl-d14	12.927	244	214406	11.164	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.563	88	23983	9.270	ng	98
3) Pyridine	3.340	79	51363	8.043	ng	99
4) n-Nitrosodimethylamine	3.269	42	27361m	8.476	ng	
6) Aniline	6.469	93	56731	7.021	ng	94
8) 2-Chlorophenol	6.586	128	63361	8.511	ng	98
9) Benzaldehyde	6.357	77	9556	2.006	ng	98
10) Phenol	6.445	94	76568	8.348	ng	93
11) bis(2-Chloroethyl)ether	6.539	93	59905	8.903	ng	96
12) 1,3-Dichlorobenzene	6.745	146	69396	8.214	ng	98
13) 1,4-Dichlorobenzene	6.822	146	72701	8.465	ng	97
14) 1,2-Dichlorobenzene	6.975	146	66220	8.144	ng	98
15) Benzyl Alcohol	6.945	79	48327	8.063	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.081	45	81449	8.715	ng	97
17) 2-Methylphenol	7.051	107	46242	7.901	ng	99
18) Hexachloroethane	7.316	117	20437	6.784	ng	91
19) n-Nitroso-di-n-propyla...	7.210	70	41780	8.171	ng	97
20) 3+4-Methylphenols	7.204	107	59210	7.784	ng	98
22) Acetophenone	7.210	105	87806	10.400	ng	# 90
24) Nitrobenzene	7.381	77	57829	9.380	ng	95
25) Isophorone	7.616	82	107625	9.811	ng	98
26) 2-Nitrophenol	7.698	139	23282	8.864	ng	99
27) 2,4-Dimethylphenol	7.733	122	42906	12.410	ng	91
28) bis(2-Chloroethoxy)met...	7.833	93	65821	9.920	ng	98
29) 2,4-Dichlorophenol	7.939	162	39805	8.536	ng	96
30) 1,2,4-Trichlorobenzene	8.022	180	51900	9.090	ng	99
31) Naphthalene	8.104	128	167064	9.246	ng	96
32) Benzoic acid	7.792	122	24376	7.736	ng	94
33) 4-Chloroaniline	8.151	127	42218	6.874	ng	95
34) Hexachlorobutadiene	8.222	225	30380	9.095	ng	94
35) Caprolactam	8.486	113	12327	9.456	ng	97
36) 4-Chloro-3-methylphenol	8.628	107	41916	8.288	ng	98
37) 2-Methylnaphthalene	8.798	142	97443	8.597	ng	93
38) 1-Methylnaphthalene	8.892	142	94141	8.514	ng	92
40) 1,2,4,5-Tetrachloroben...	8.963	216	45458	10.041	ng	97
41) Hexachlorocyclopentadiene	8.945	237	3925	2.253	ng	94
43) 2,4,6-Trichlorophenol	9.075	196	26826m	9.129	ng	

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112823\
 Data File : BF136272.D
 Acq On : 29 Nov 2023 03:30
 Operator : CG\JU
 Sample : 05553-01MSD 5X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MSD

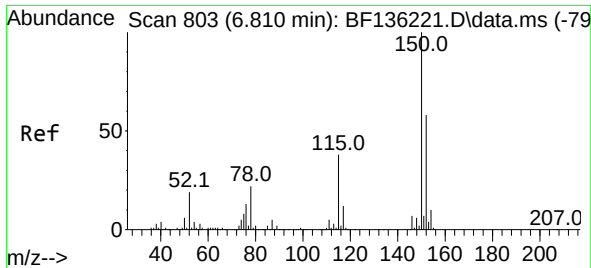
Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

Quant Time: Nov 29 03:50:17 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 03:04:20 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	29411	9.171	ng	97
46) 1,1'-Biphenyl	9.257	154	127903	10.195	ng	91
47) 2-Chloronaphthalene	9.286	162	91892	9.432	ng	96
48) 2-Nitroaniline	9.380	65	26080	10.253	ng	89
49) Acenaphthylene	9.698	152	142851	10.275	ng	97
50) Dimethylphthalate	9.557	163	106636	9.918	ng	98
51) 2,6-Dinitrotoluene	9.622	165	18785	8.552	ng	95
52) Acenaphthene	9.874	154	86121	9.802	ng	87
53) 3-Nitroaniline	9.786	138	20943	9.609	ng #	99
55) Dibenzofuran	10.045	168	131074	10.026	ng	96
56) 4-Nitrophenol	9.945	139	35103	21.206	ng	90
57) 2,4-Dinitrotoluene	10.027	165	24643	8.399	ng	98
58) Fluorene	10.386	166	105593	10.297	ng #	92
59) 2,3,4,6-Tetrachlorophenol	10.163	232	25815	10.117	ng	99
60) Diethylphthalate	10.263	149	103265	9.601	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	48890	9.817	ng	96
62) 4-Nitroaniline	10.398	138	23933	11.218	ng	94
63) Azobenzene	10.545	77	94322	9.459	ng	93
66) n-Nitrosodiphenylamine	10.498	169	90020	9.237	ng	92
67) 4-Bromophenyl-phenylether	10.874	248	30959	8.726	ng	92
68) Hexachlorobenzene	10.939	284	35644	8.681	ng	97
69) Atrazine	11.027	200	32228	11.148	ng	97
70) Pentachlorophenol	11.133	266	40744	17.554	ng	97
71) Phenanthrene	11.357	178	180011	10.532	ng	98
72) Anthracene	11.404	178	178284	10.402	ng	98
73) Carbazole	11.563	167	153511	10.530	ng	98
74) Di-n-butylphthalate	11.904	149	193871	10.629	ng	99
75) Fluoranthene	12.551	202	215423	12.415	ng	97
77) Benzidine	12.674	184	63430	17.418	ng	99
78) Pyrene	12.780	202	217370	8.959	ng	97
80) Butylbenzylphthalate	13.410	149	88298	11.694	ng	96
81) Benzo(a)anthracene	13.974	228	162760	9.891	ng	96
82) 3,3'-Dichlorobenzidine	13.945	252	42412	10.707	ng	95
83) Chrysene	14.010	228	149618	9.417	ng	96
84) Bis(2-ethylhexyl)phtha...	13.974	149	126140	13.920	ng #	98
85) Di-n-octyl phthalate	14.598	149	197266	17.124	ng #	97
87) Indeno(1,2,3-cd)pyrene	16.974	276	92745	10.419	ng	95
88) Benzo(b)fluoranthene	15.033	252	102116	9.616	ng #	96
89) Benzo(k)fluoranthene	15.062	252	98134	9.730	ng #	95
90) Benzo(a)pyrene	15.404	252	82999	9.561	ng #	89
91) Dibenzo(a,h)anthracene	16.998	278	77199	10.734	ng	95
92) Benzo(g,h,i)perylene	17.427	276	76333	9.946	ng	95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

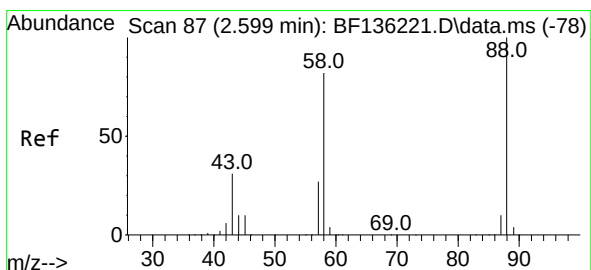
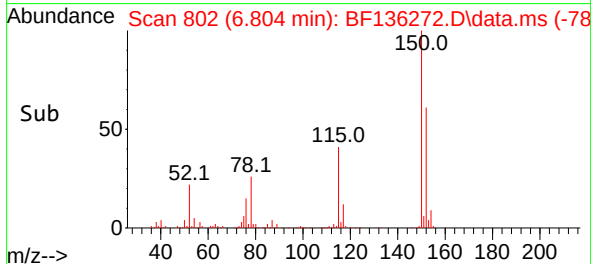
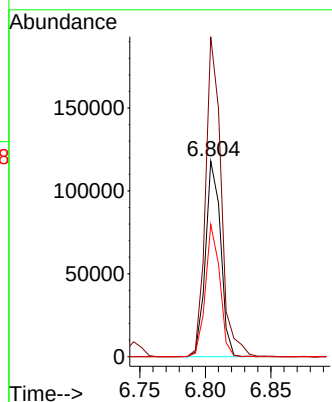
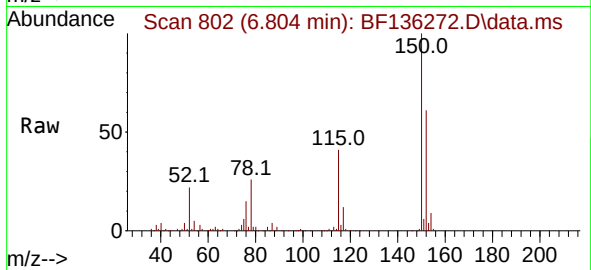
HD-01-112723MSD

Tgt Ion:152 Resp: 95164
Ion Ratio Lower Upper
152 100
150 163.7 137.8 206.8
115 67.6 52.7 79.1

Manual Integrations

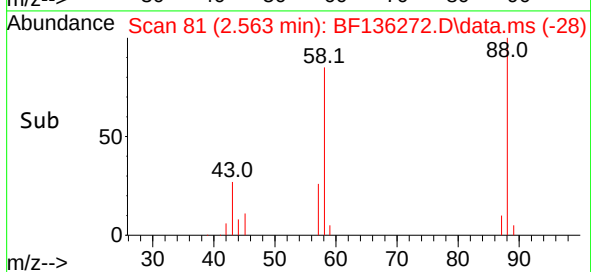
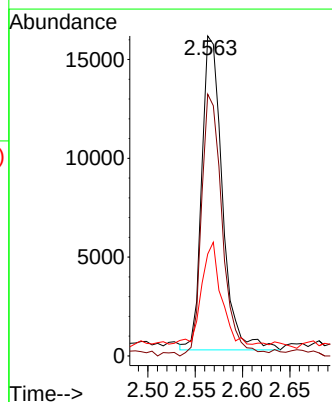
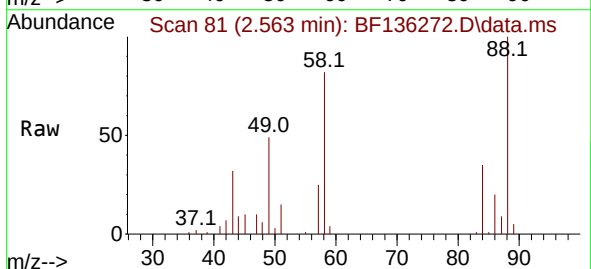
APPROVED

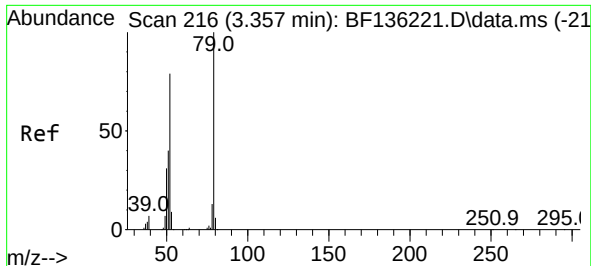
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 9.270 ng
RT: 2.563 min Scan# 81
Delta R.T. -0.035 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion: 88 Resp: 23983
Ion Ratio Lower Upper
88 100
58 84.5 65.9 98.9
43 30.5 24.8 37.2





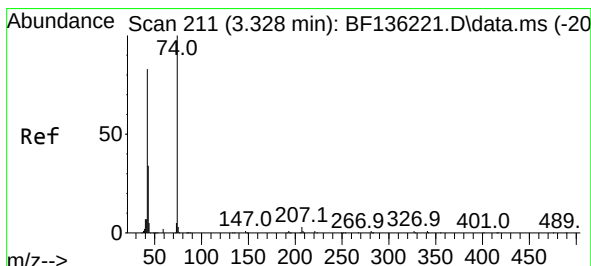
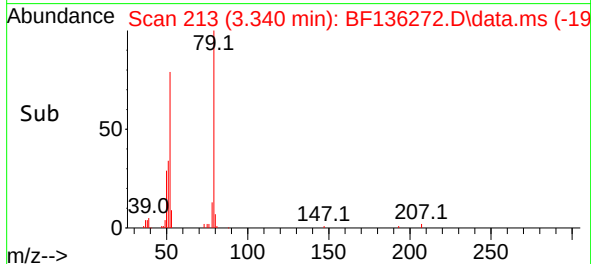
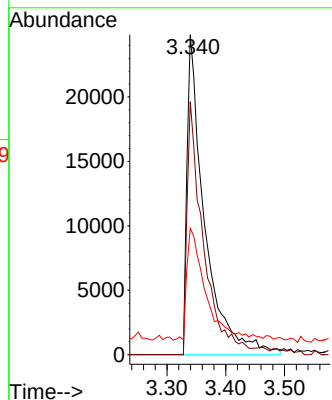
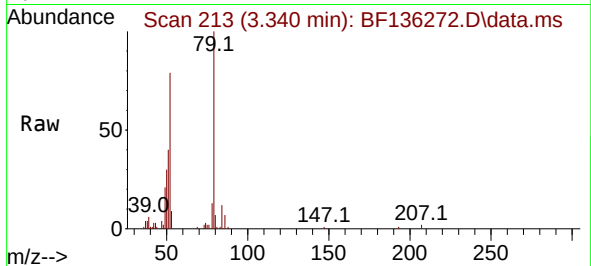
#3
Pyridine
Concen: 8.043 ng
RT: 3.340 min Scan# 216
Delta R.T. -0.018 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Tgt Ion: 79 Resp: 5136
Ion Ratio Lower Upper
79 100
52 79.1 63.2 94.8
51 39.6 32.6 49.0

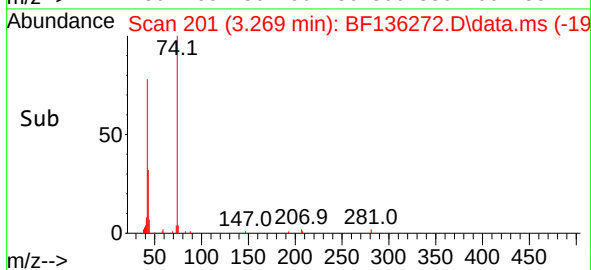
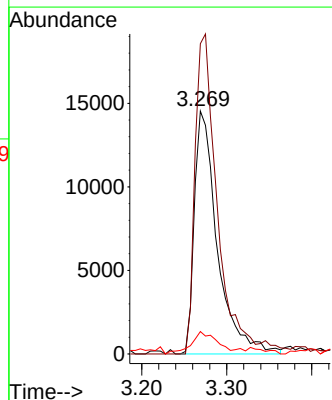
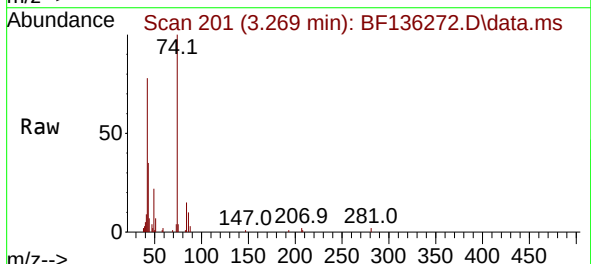
Manual Integrations
APPROVED

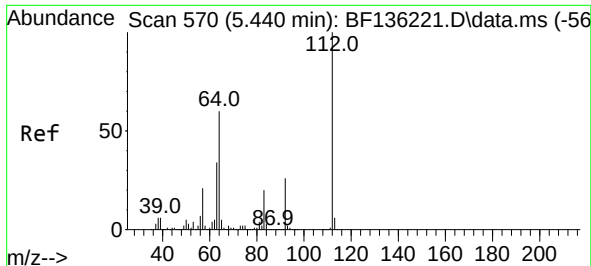
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#4
n-Nitrosodimethylamine
Concen: 8.476 ng m
RT: 3.269 min Scan# 201
Delta R.T. -0.059 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion: 42 Resp: 27361
Ion Ratio Lower Upper
42 100
74 127.8 96.6 144.8
44 9.3 5.4 8.2





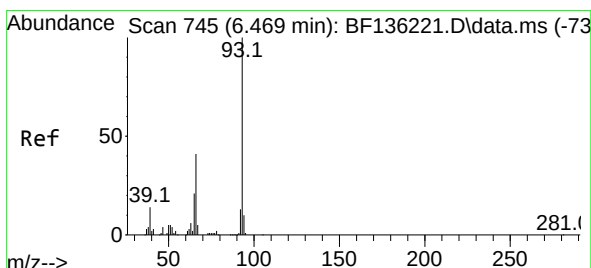
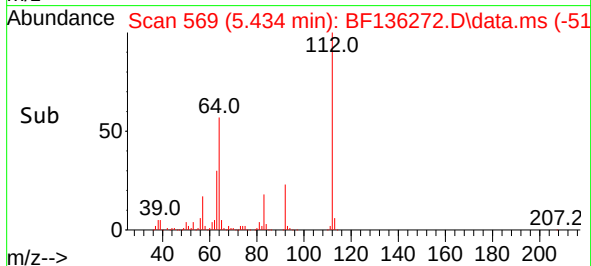
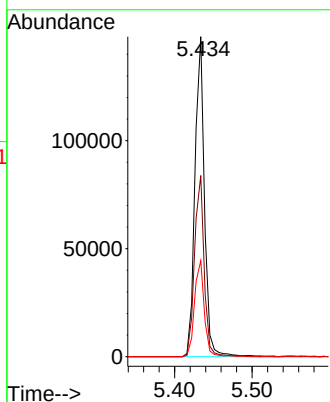
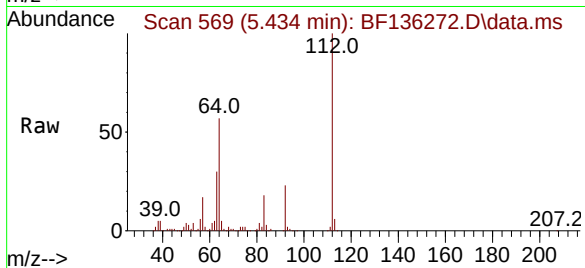
#5
2-Fluorophenol
Concen: 18.522 ng
RT: 5.434 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Tgt Ion:112 Resp: 12664
Ion Ratio Lower Upper
112 100
64 56.6 48.2 72.4
63 30.0 27.0 40.6

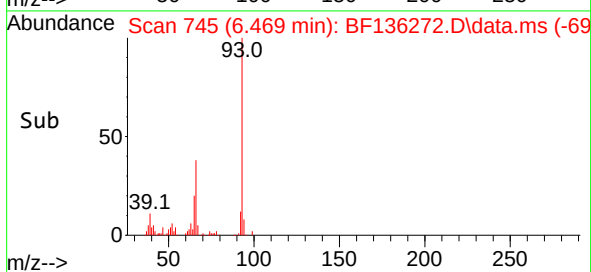
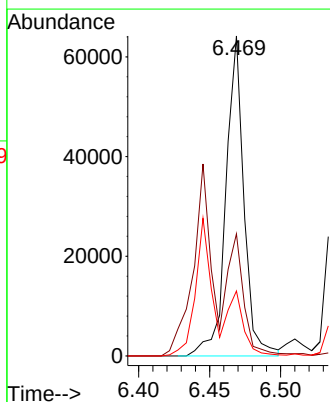
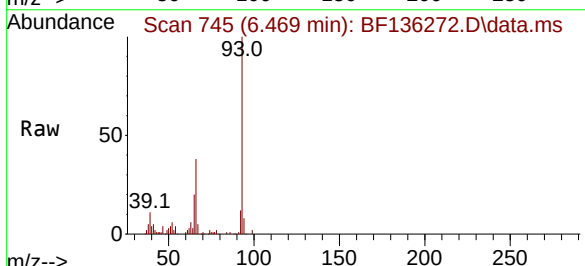
Manual Integrations
APPROVED

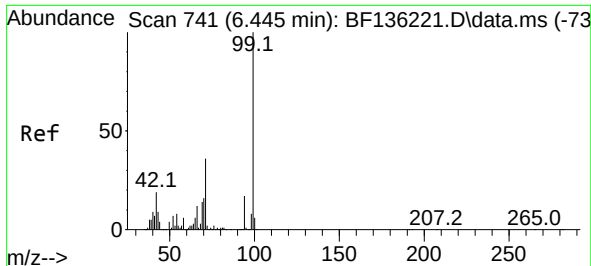
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 7.021 ng
RT: 6.469 min Scan# 745
Delta R.T. -0.000 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

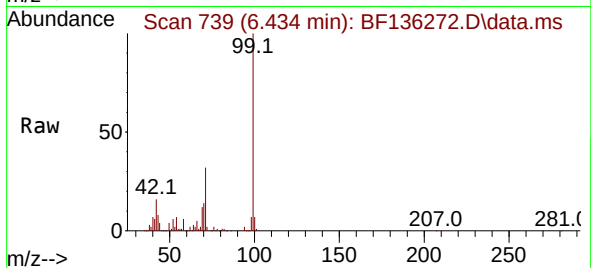
Tgt Ion: 93 Resp: 56731
Ion Ratio Lower Upper
93 100
66 38.1 34.1 51.1
65 20.3 17.3 25.9





#7
Phenol-d6
Concen: 16.335 ng
RT: 6.434 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

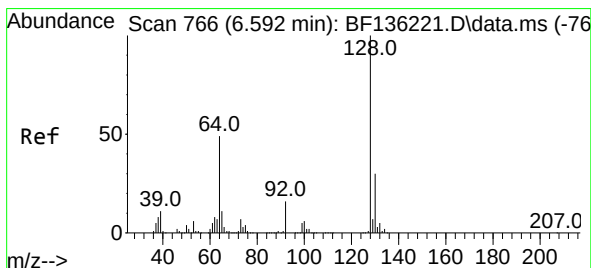
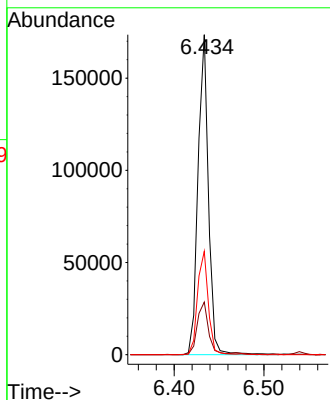
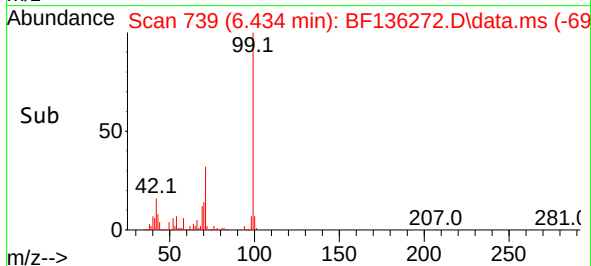
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



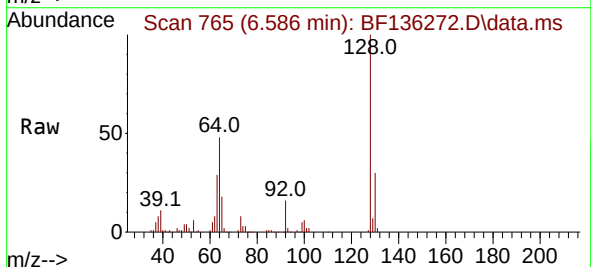
Tgt Ion: 99 Resp: 139648
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 32.3 28.9 43.3

Manual Integrations
APPROVED

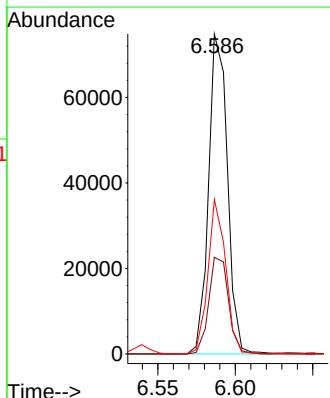
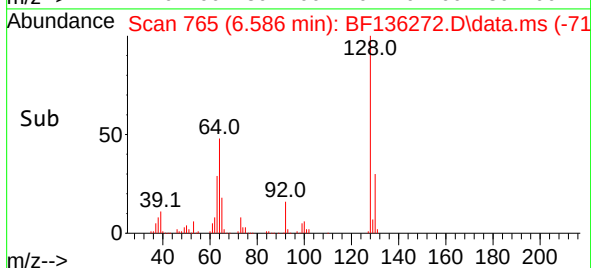
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

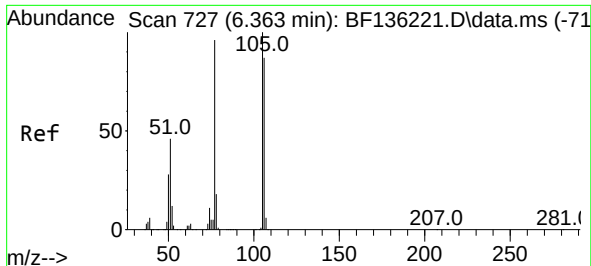


#8
2-Chlorophenol
Concen: 8.511 ng
RT: 6.586 min Scan# 765
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



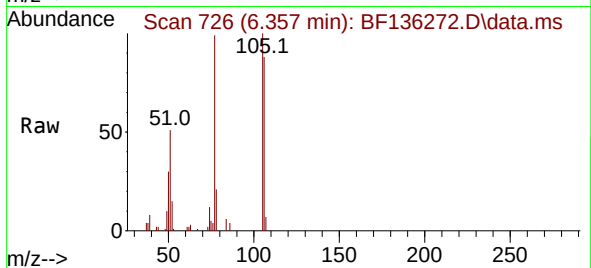
Tgt Ion:128 Resp: 63361
Ion Ratio Lower Upper
128 100
130 30.2 10.3 50.3
64 48.3 30.0 70.0





#9
Benzaldehyde
Concen: 2.006 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

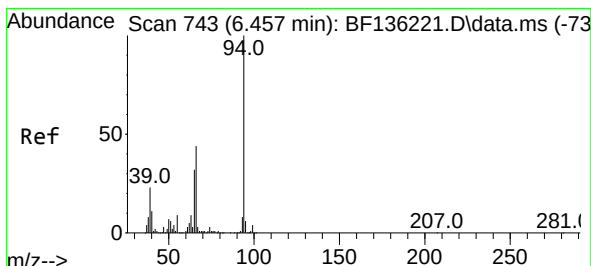
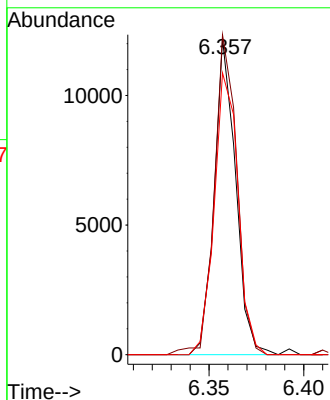
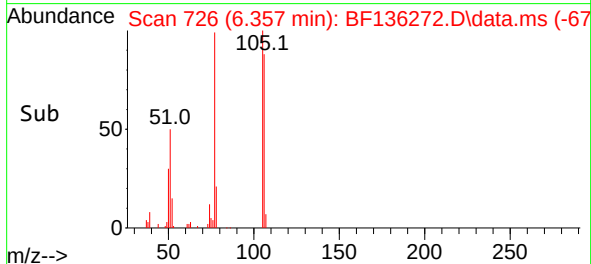
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



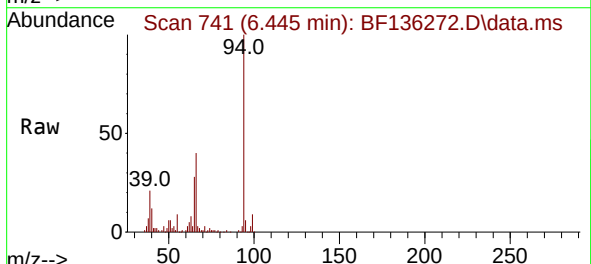
Tgt Ion: 77 Resp: 9550
Ion Ratio Lower Upper
77 100
105 101.3 84.3 124.3
106 89.2 71.0 111.0

Manual Integrations
APPROVED

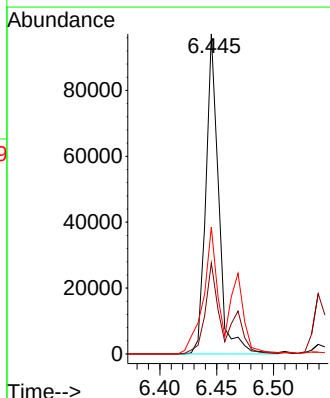
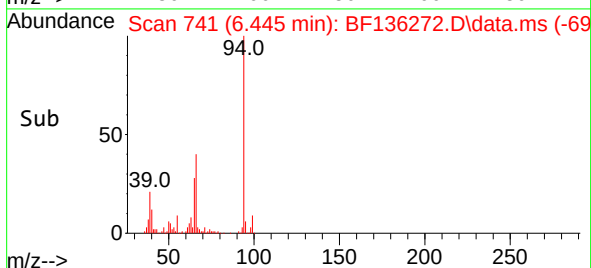
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

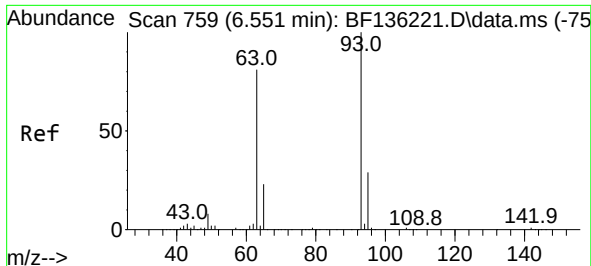


#10
Phenol
Concen: 8.348 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



Tgt Ion: 94 Resp: 76568
Ion Ratio Lower Upper
94 100
65 28.4 12.5 52.5
66 39.6 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 8.903 ng

RT: 6.539 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

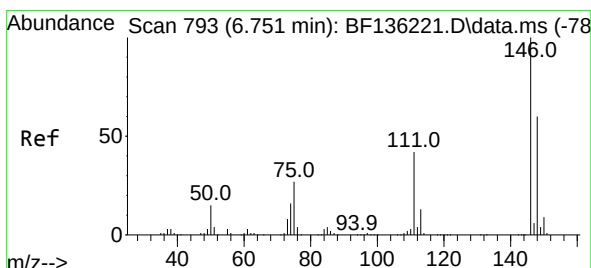
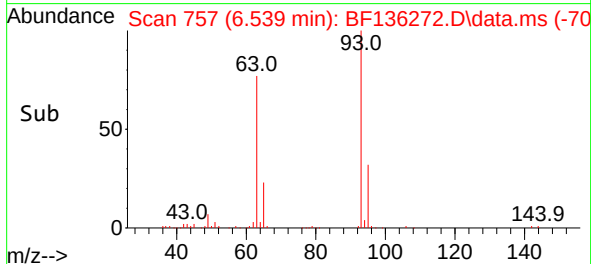
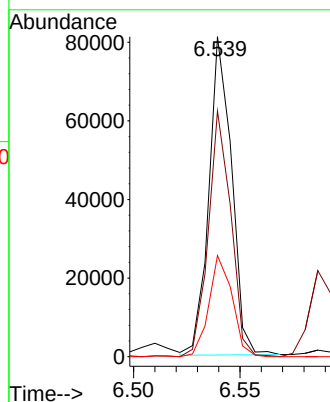
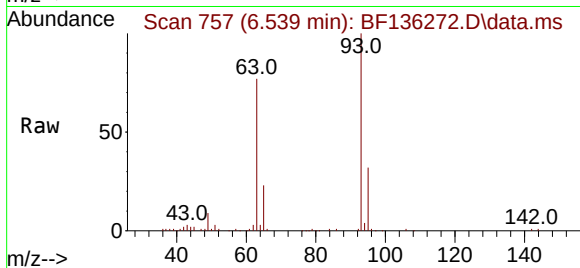
Tgt Ion:	93	Resp:	5990
Ion	Ratio	Lower	Upper
93	100		
63	76.8	60.2	100.2
95	31.6	9.1	49.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#12

1,3-Dichlorobenzene

Concen: 8.214 ng

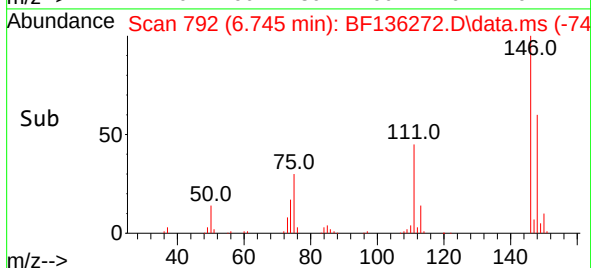
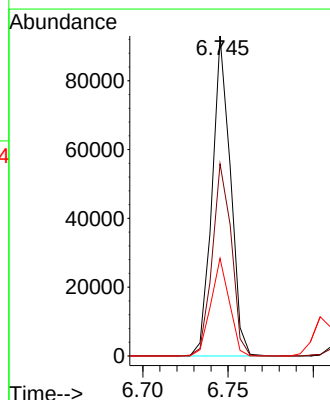
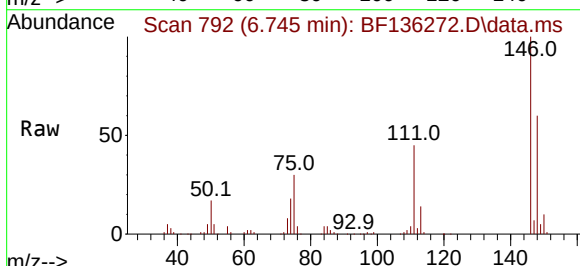
RT: 6.745 min Scan# 792

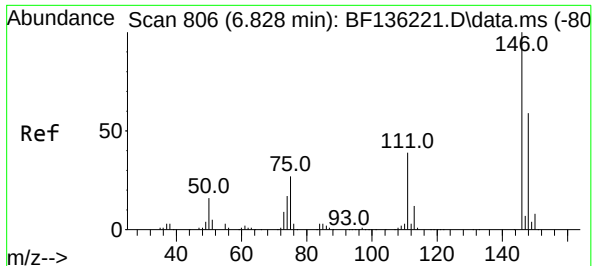
Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion:	146	Resp:	69396
Ion	Ratio	Lower	Upper
146	100		
148	60.1	47.8	71.6
75	30.5	22.0	33.0





#13

1,4-Dichlorobenzene

Concen: 8.465 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

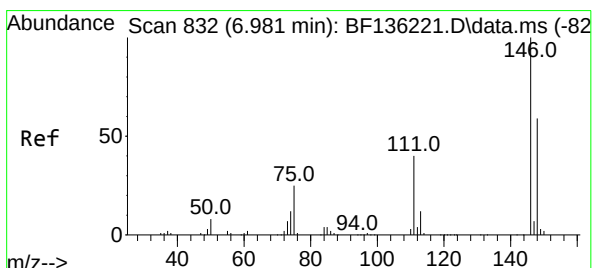
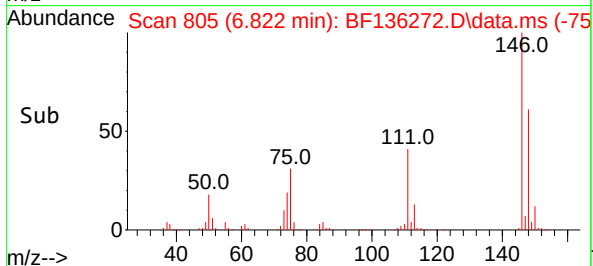
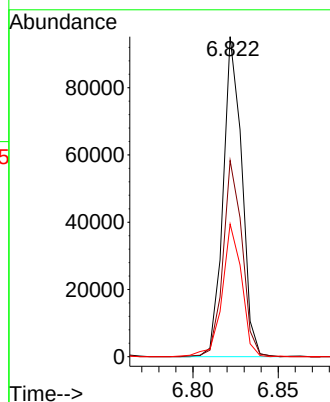
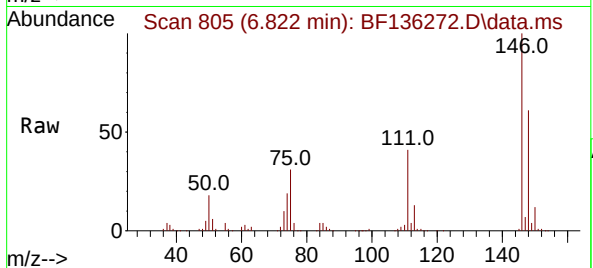
HD-01-112723MSD

Tgt Ion:146 Resp: 7270
 Ion Ratio Lower Upper
 146 100
 148 61.3 47.0 70.6
 111 41.4 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 8.144 ng

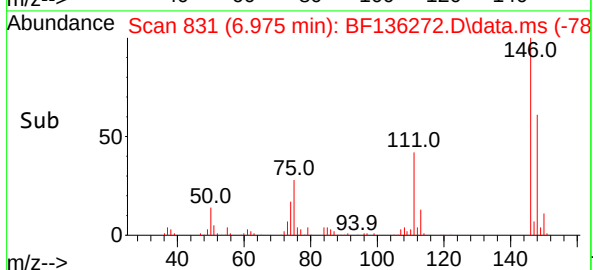
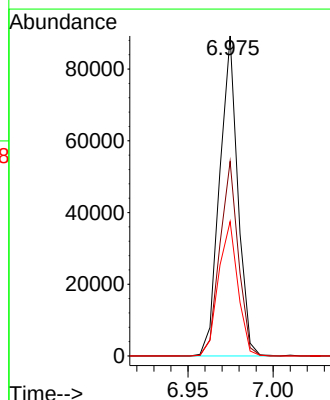
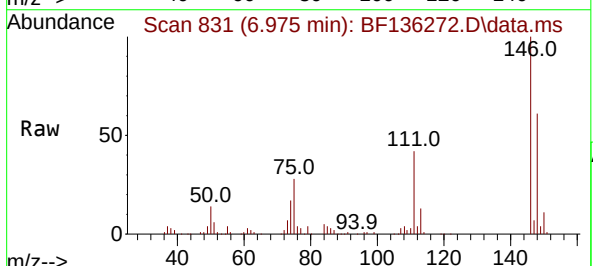
RT: 6.975 min Scan# 831

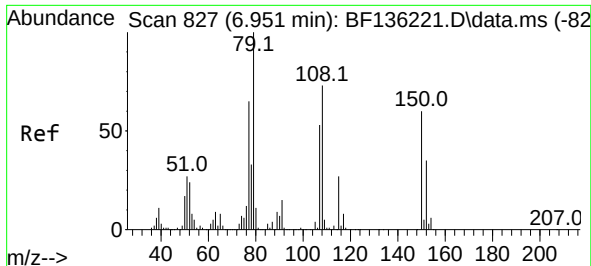
Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

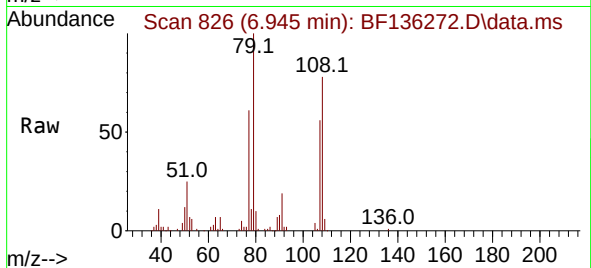
Tgt Ion:146 Resp: 66220
 Ion Ratio Lower Upper
 146 100
 148 60.8 47.3 70.9
 111 42.0 32.4 48.6





#15
Benzyl Alcohol
Concen: 8.063 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

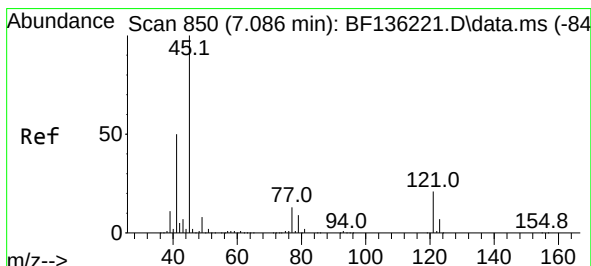
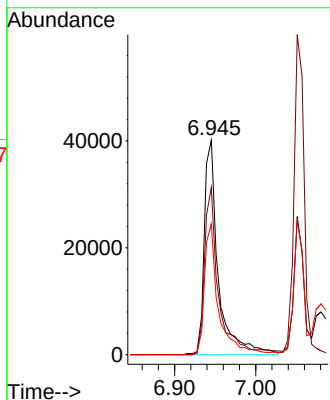
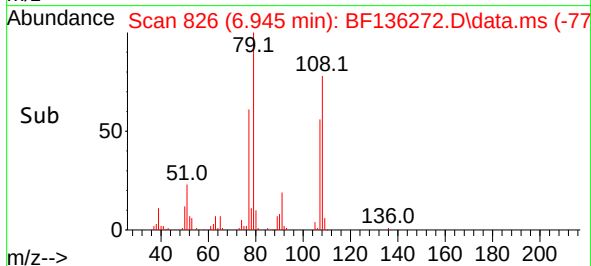
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion: 79 Resp: 4832
Ion Ratio Lower Upper
79 100
108 77.9 58.1 87.1
77 60.9 51.8 77.8

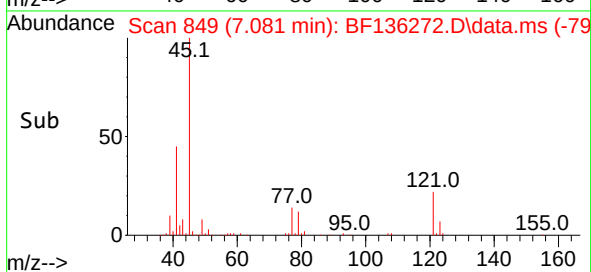
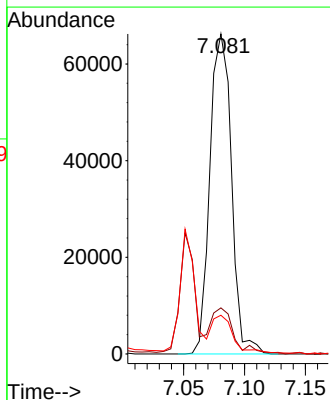
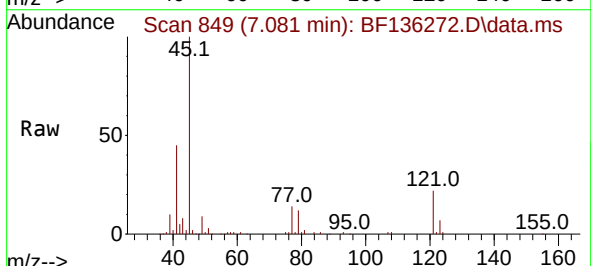
Manual Integrations
APPROVED

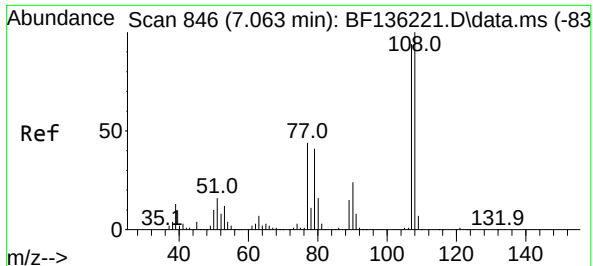
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 8.715 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

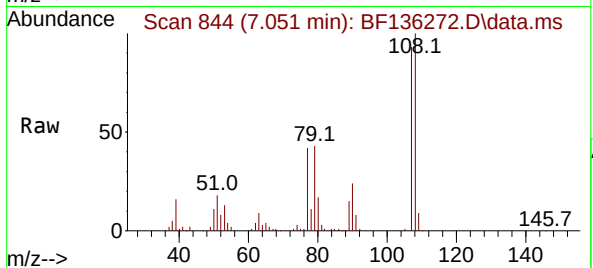
Tgt Ion: 45 Resp: 81449
Ion Ratio Lower Upper
45 100
77 14.4 0.0 34.0
79 12.1 0.0 30.1





#17
2-Methylphenol
Concen: 7.901 ng
RT: 7.051 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

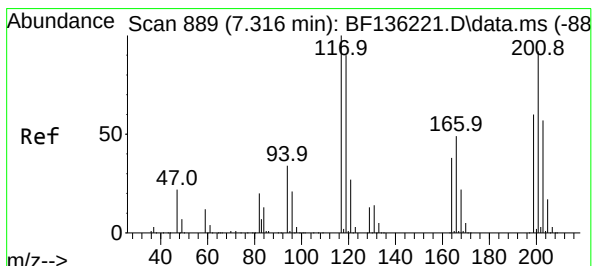
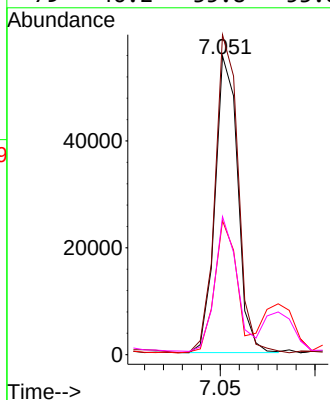
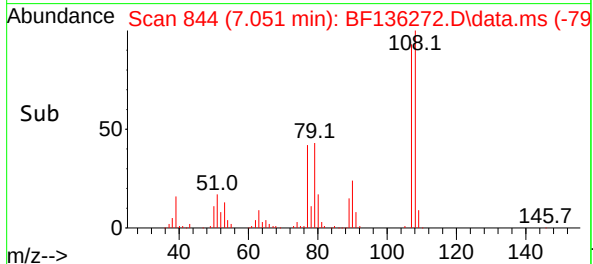
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion:	107	Resp:	4624
Ion Ratio	Lower	Upper	
107	100		
108	107.1	85.4	128.0
77	44.8	37.4	56.2
79	46.2	35.8	53.8

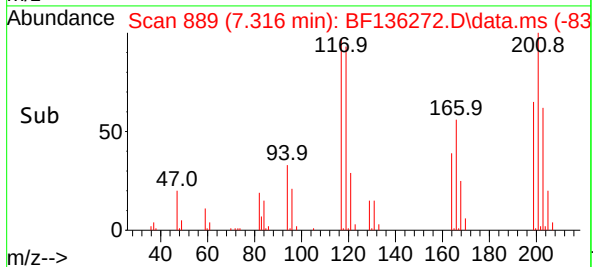
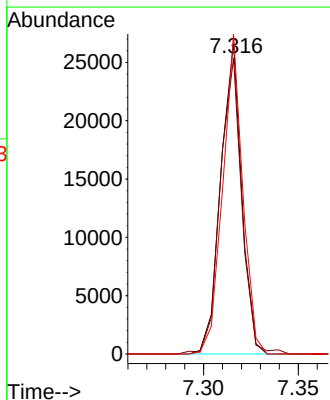
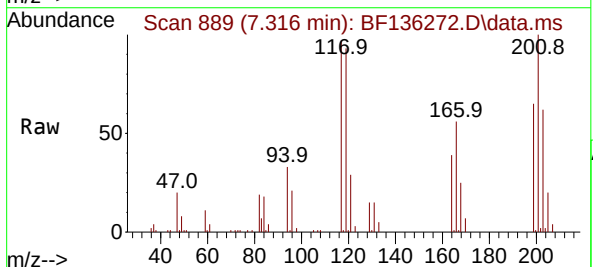
Manual Integrations
APPROVED

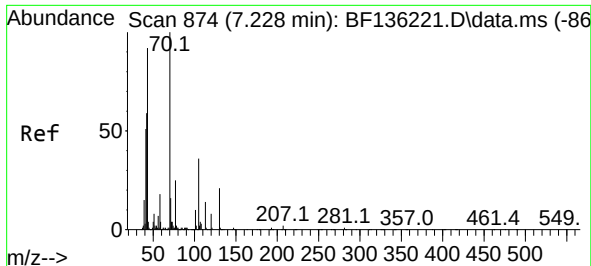
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 6.784 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

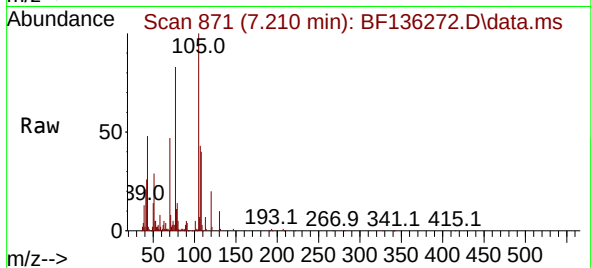
Tgt Ion:	117	Resp:	20437
Ion Ratio	Lower	Upper	
117	100		
119	94.9	71.6	107.4
201	102.6	73.4	110.2





#19
n-Nitroso-di-n-propylamine
Concen: 8.171 ng
RT: 7.210 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

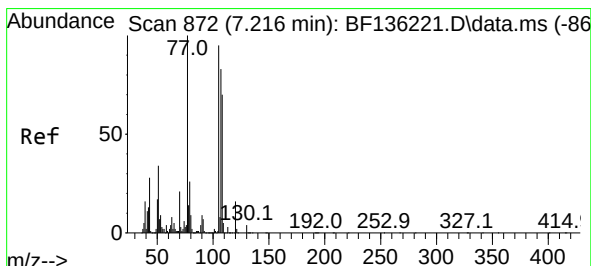
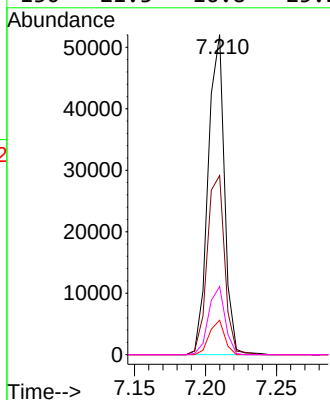
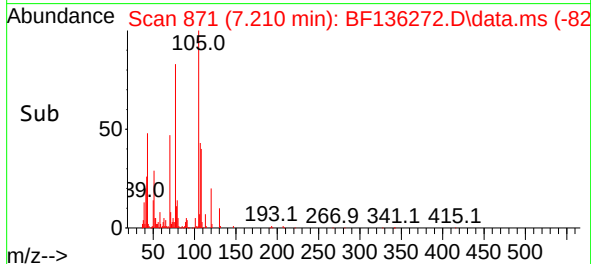
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



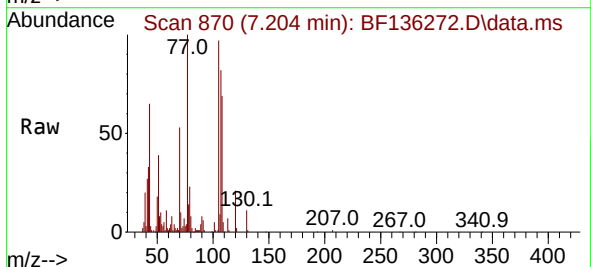
Tgt Ion: 70 Resp: 41780
Ion Ratio Lower Upper
70 100
42 56.0 47.0 70.4
101 10.8 7.8 11.8
130 21.3 16.8 25.2

Manual Integrations
APPROVED

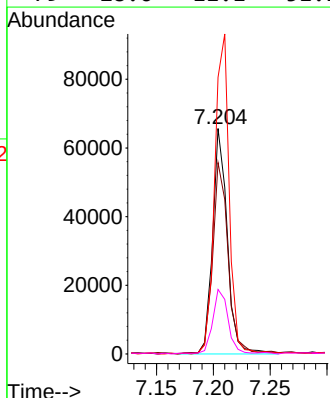
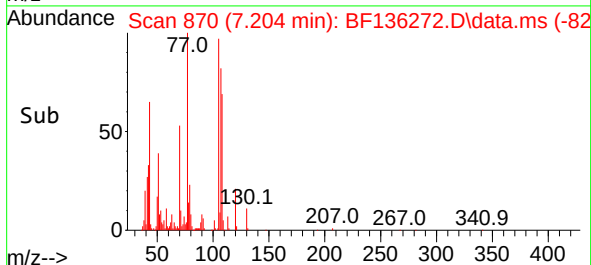
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

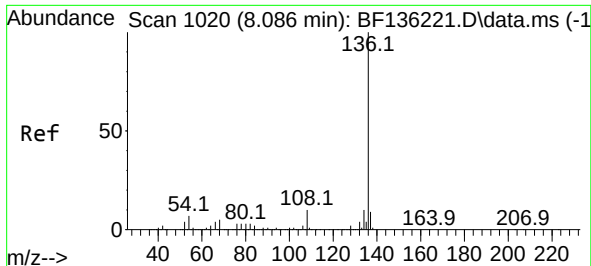


#20
3+4-Methylphenols
Concen: 7.784 ng
RT: 7.204 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



Tgt Ion:107 Resp: 59210
Ion Ratio Lower Upper
107 100
108 84.9 63.9 103.9
77 122.6 100.2 140.2
79 28.6 11.1 51.1





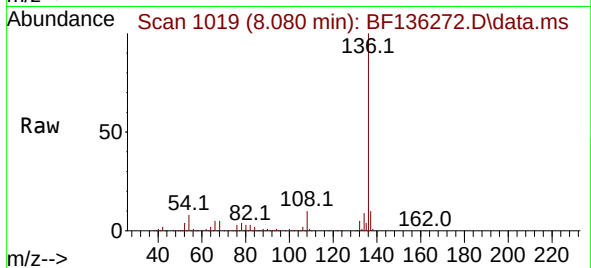
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.080 min Scan# 1020
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD



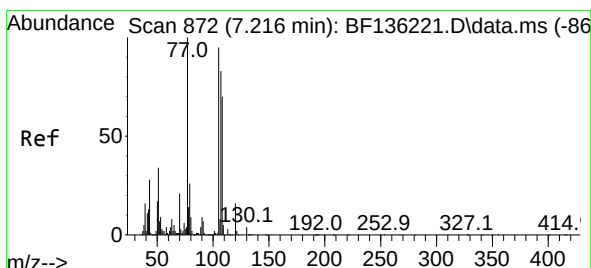
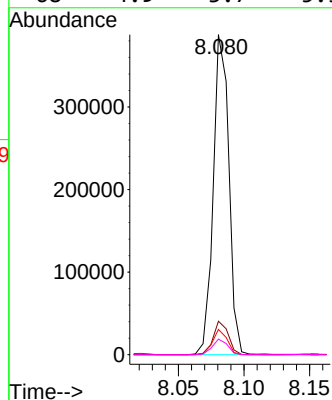
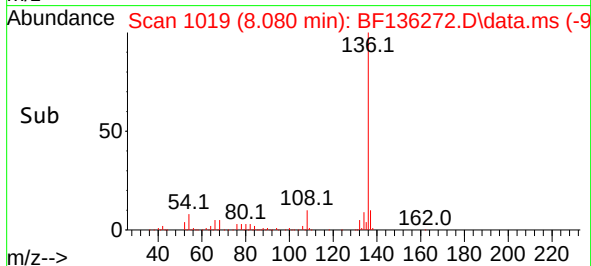
Tgt Ion:136 Resp: 321469
Ion Ratio Lower Upper
136 100
137 10.4 7.4 11.2
54 7.9 5.5 8.3
68 4.9 3.7 5.5

Manual Integrations

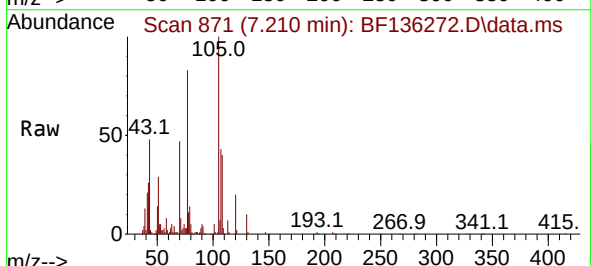
APPROVED

Reviewed By :Yogesh Patel 11/29/2023

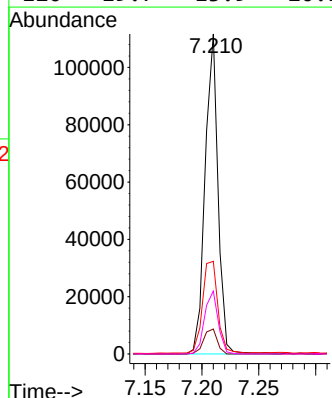
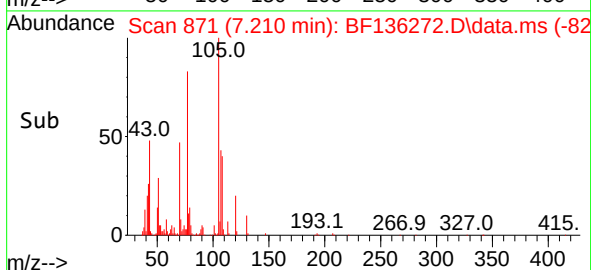
Supervised By :mohammad ahmed 12/01/2023

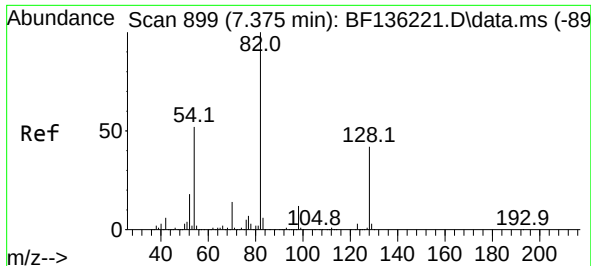


#22
Acetophenone
Concen: 10.400 ng
RT: 7.210 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



Tgt Ion:105 Resp: 87806
Ion Ratio Lower Upper
105 100
71 7.8 2.8 4.2#
51 29.0 29.0 43.6#
120 19.7 13.9 20.9





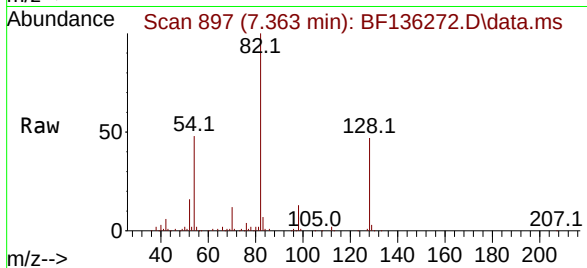
#23
Nitrobenzene-d5
Concen: 13.427 ng
RT: 7.363 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

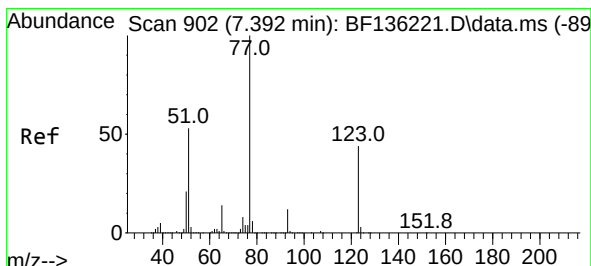
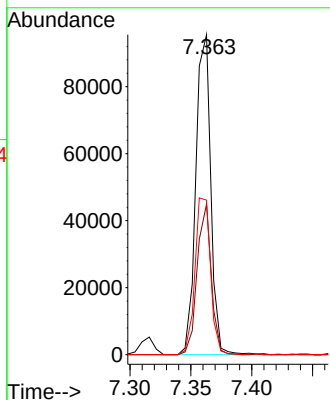
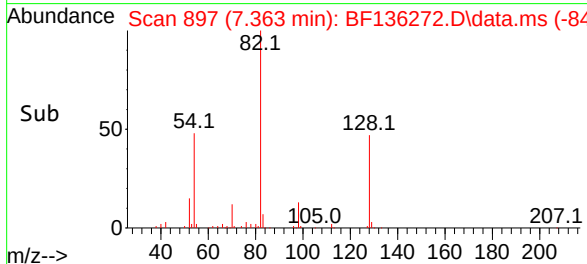


Tgt Ion: 82 Resp: 81684
Ion Ratio Lower Upper
82 100
128 47.0 33.4 50.2
54 48.3 41.7 62.5

Manual Integrations

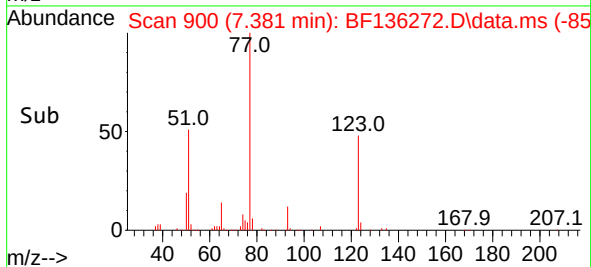
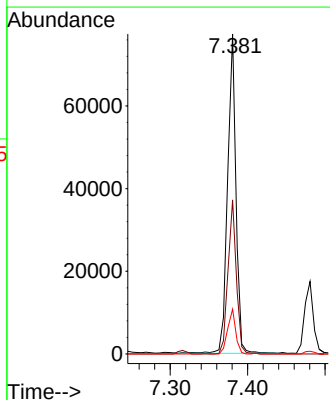
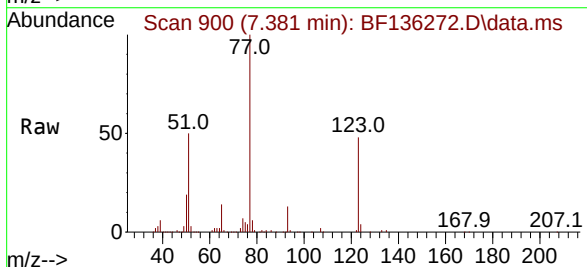
APPROVED

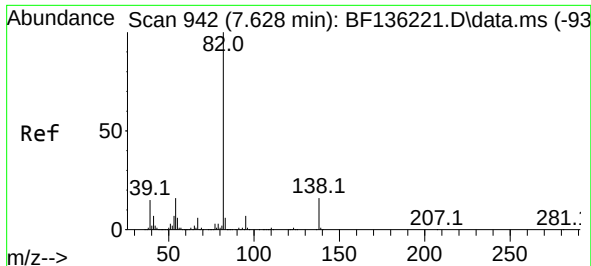
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#24
Nitrobenzene
Concen: 9.380 ng
RT: 7.381 min Scan# 900
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

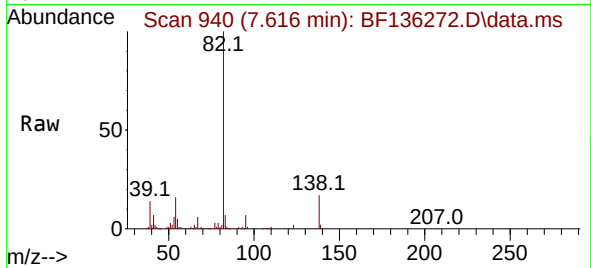
Tgt Ion: 77 Resp: 57829
Ion Ratio Lower Upper
77 100
123 48.1 35.4 53.2
65 14.0 11.0 16.6





#25
Isophorone
Concen: 9.811 ng
RT: 7.616 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

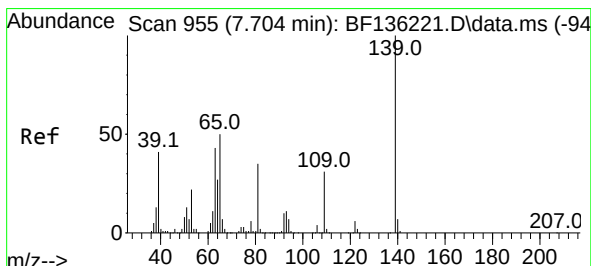
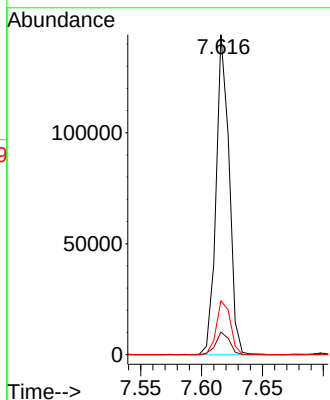
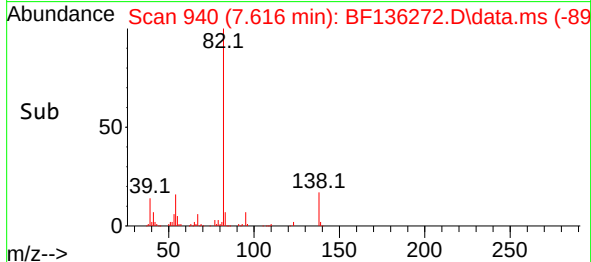
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion: 82 Resp: 107629
Ion Ratio Lower Upper
82 100
95 7.1 5.5 8.3
138 16.9 12.8 19.2

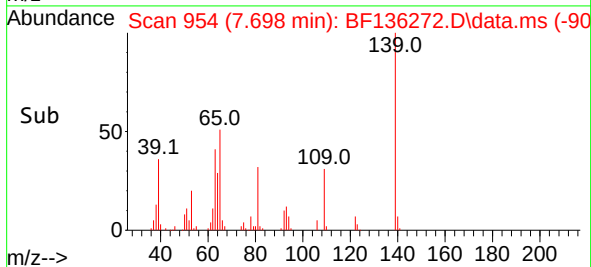
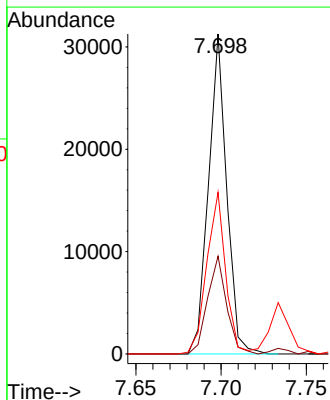
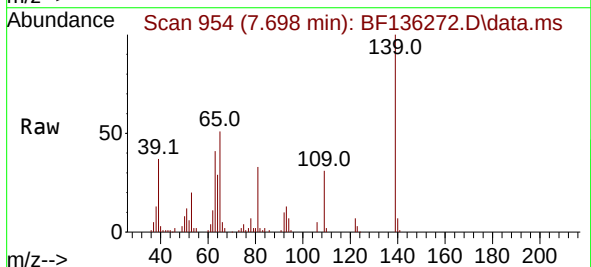
Manual Integrations
APPROVED

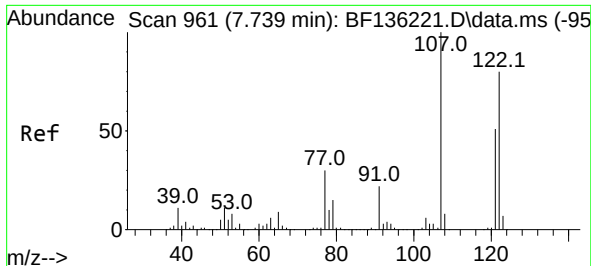
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#26
2-Nitrophenol
Concen: 8.864 ng
RT: 7.698 min Scan# 954
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:139 Resp: 23282
Ion Ratio Lower Upper
139 100
109 30.5 25.0 37.6
65 50.5 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 12.410 ng

RT: 7.733 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

Tgt Ion:122 Resp: 42900

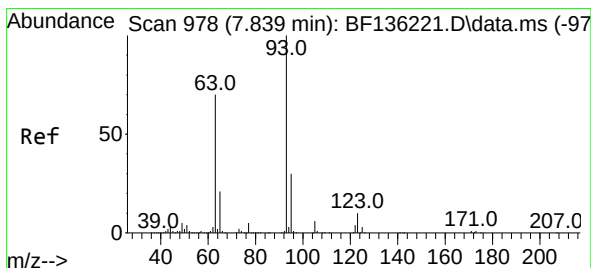
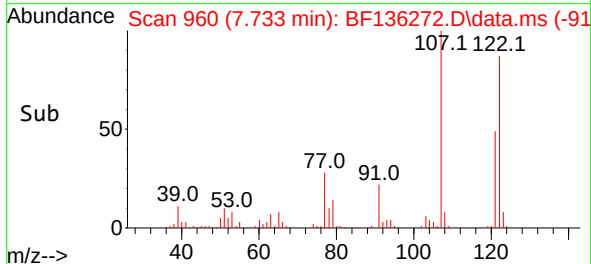
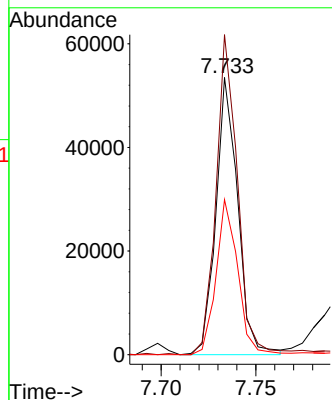
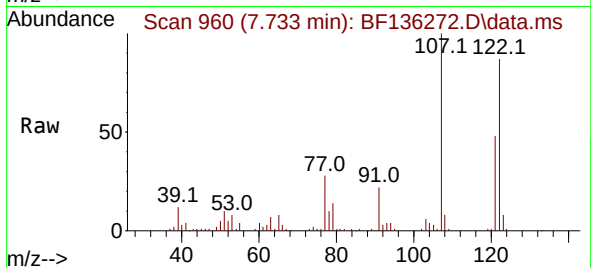
Ion	Ratio	Lower	Upper
122	100		
107	115.5	100.0	150.0
121	56.0	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 9.920 ng

RT: 7.833 min Scan# 977

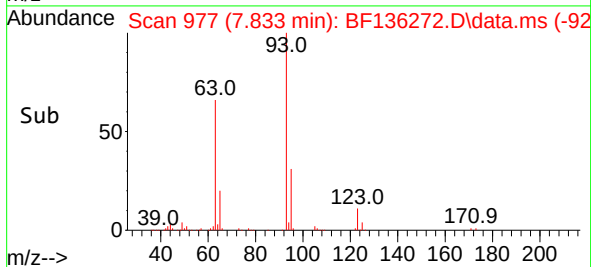
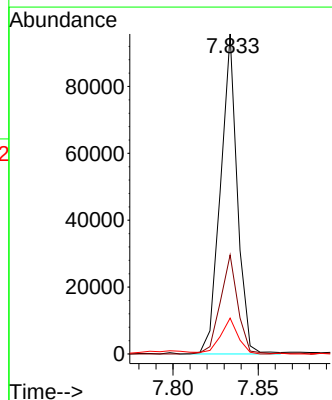
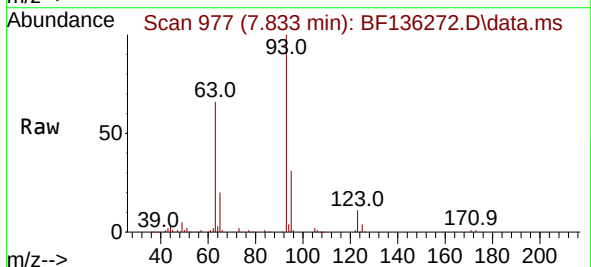
Delta R.T. -0.006 min

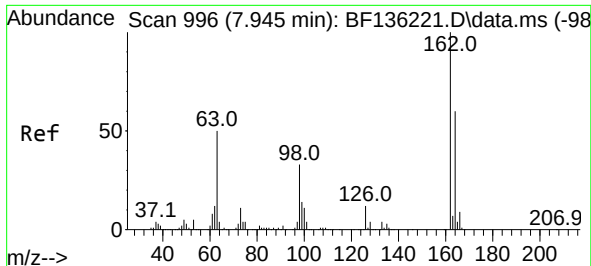
Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion: 93 Resp: 65821

Ion	Ratio	Lower	Upper
93	100		
95	31.0	23.8	35.6
123	11.2	8.2	12.4





#29

2,4-Dichlorophenol

Concen: 8.536 ng

RT: 7.939 min Scan# 94

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

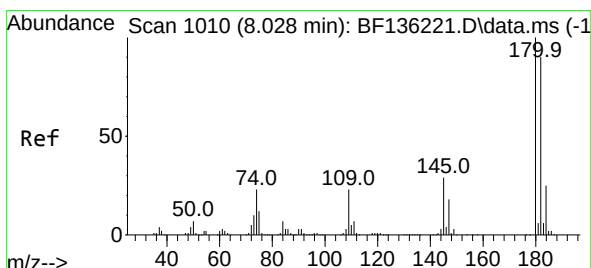
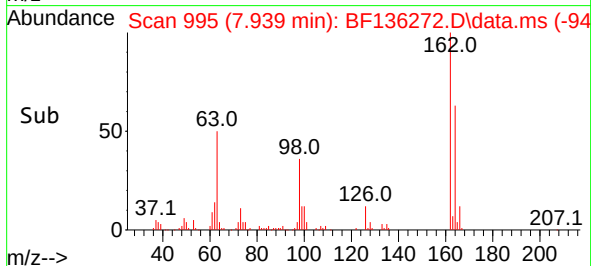
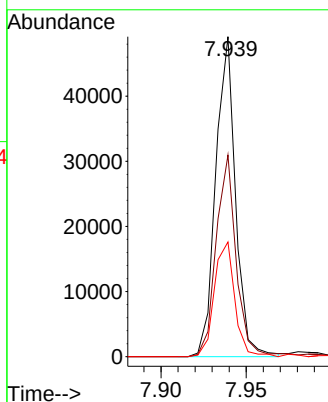
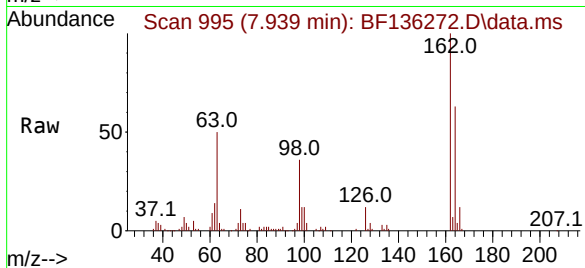
Tgt Ion:162 Resp: 3980
 Ion Ratio Lower Upper
 162 100
 164 63.0 40.3 80.3
 98 35.9 13.0 53.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 9.090 ng

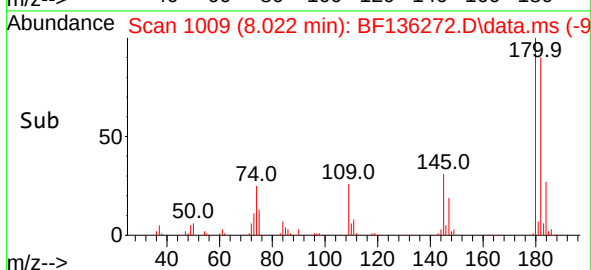
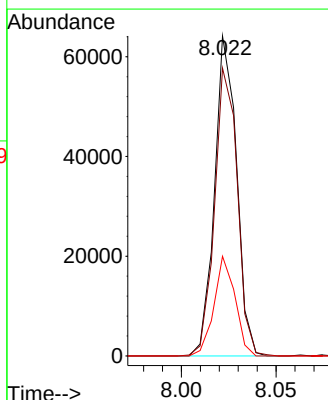
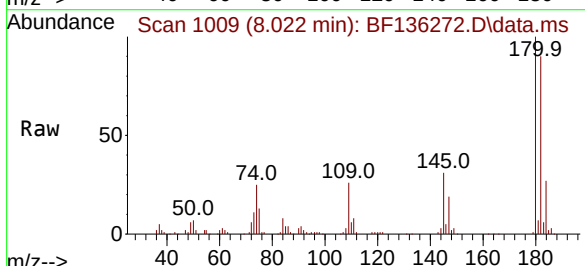
RT: 8.022 min Scan# 1009

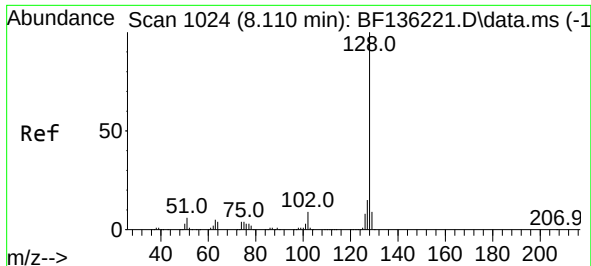
Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

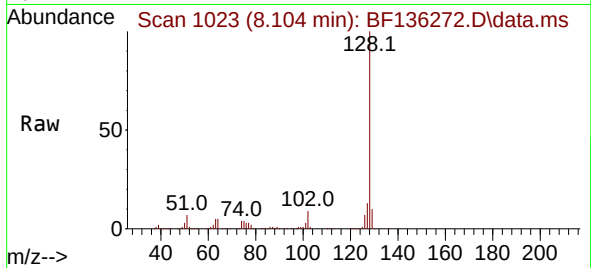
Tgt Ion:180 Resp: 51900
 Ion Ratio Lower Upper
 180 100
 182 90.0 71.6 107.4
 145 31.1 23.0 34.4





#31
Naphthalene
Concen: 9.246 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

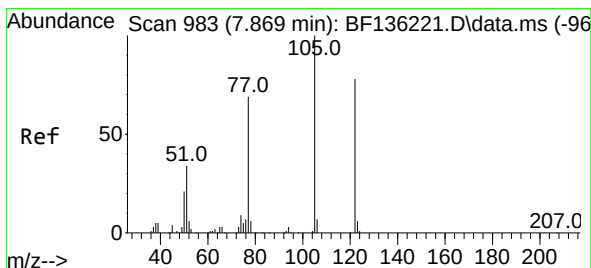
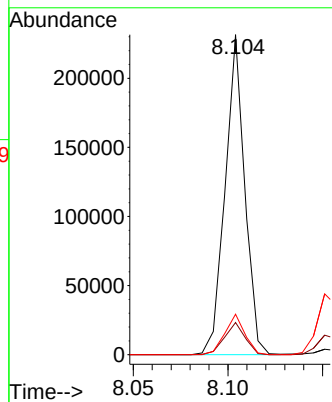
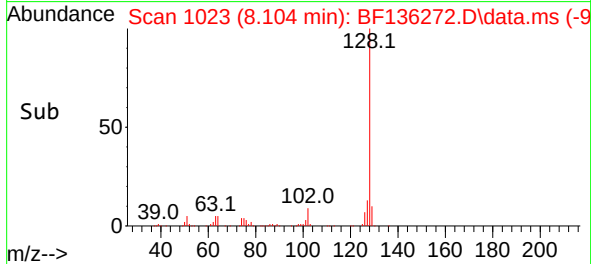
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion:128 Resp: 167064
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 12.7 11.8 17.6

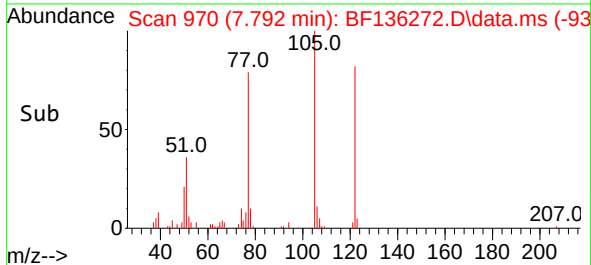
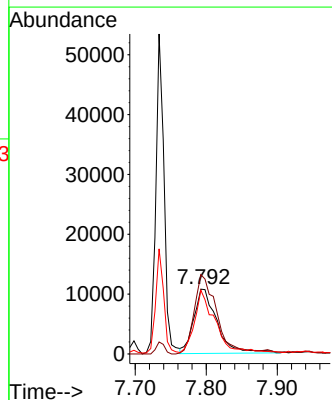
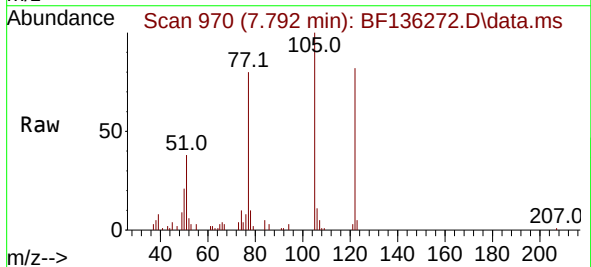
Manual Integrations
APPROVED

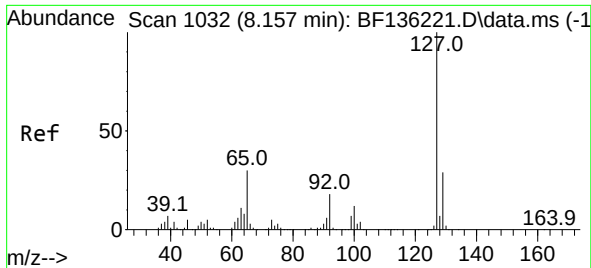
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 7.736 ng
RT: 7.792 min Scan# 970
Delta R.T. -0.077 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:122 Resp: 24376
Ion Ratio Lower Upper
122 100
105 122.6 103.7 143.7
77 98.3 66.8 106.8





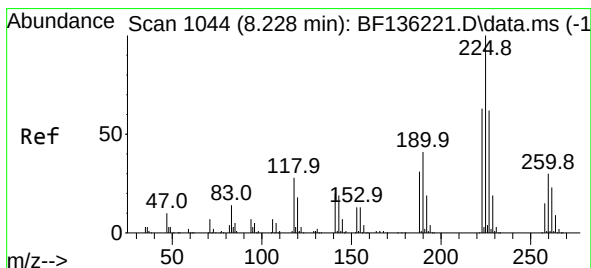
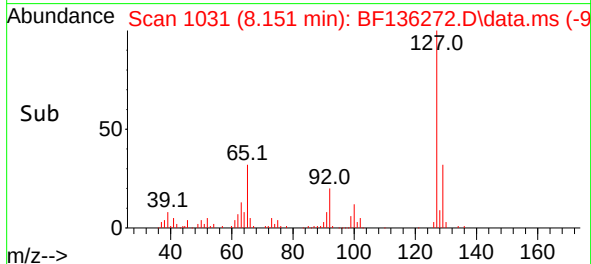
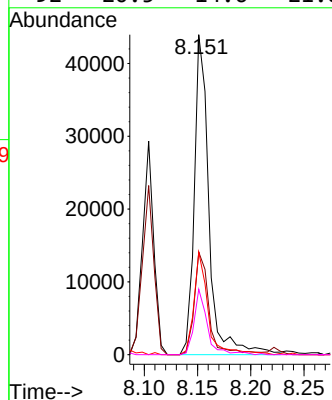
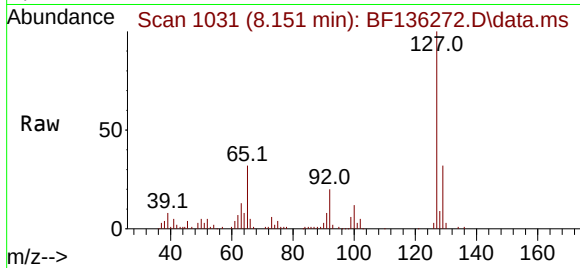
#33
4-Chloroaniline
Concen: 6.874 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Tgt Ion:	127	Resp:	42218
Ion Ratio	Lower	Upper	
127	100		
129	32.0	23.4	35.2
65	32.1	23.8	35.6
92	20.5	14.6	21.8

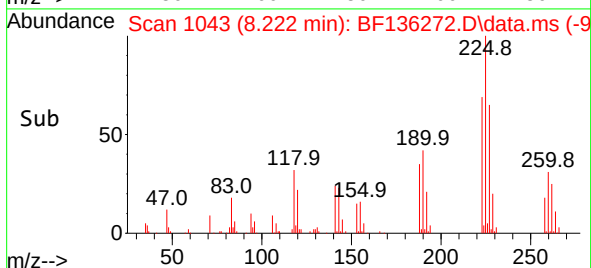
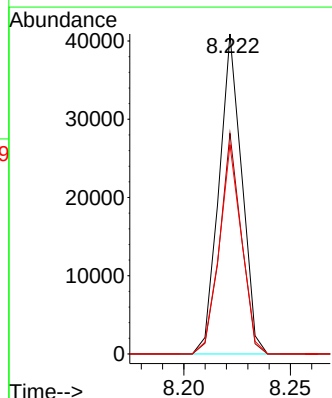
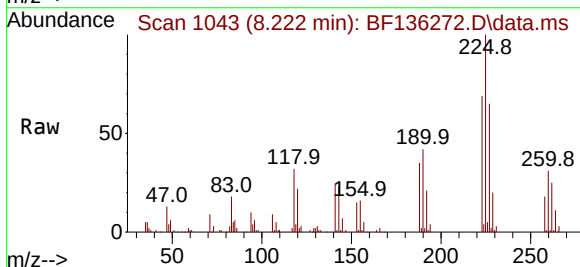
Manual Integrations
APPROVED

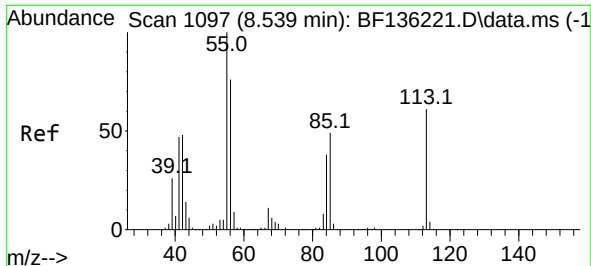
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 9.095 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:	225	Resp:	30380
Ion Ratio	Lower	Upper	
225	100		
223	68.9	50.6	75.8
227	65.4	49.6	74.4





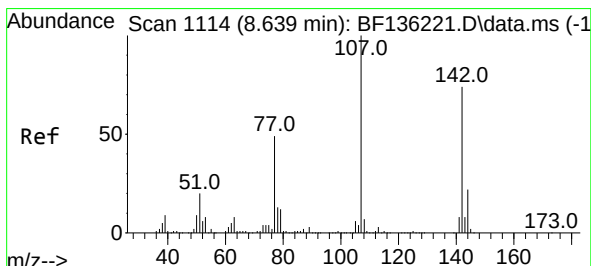
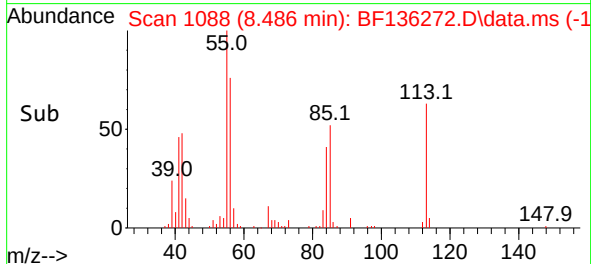
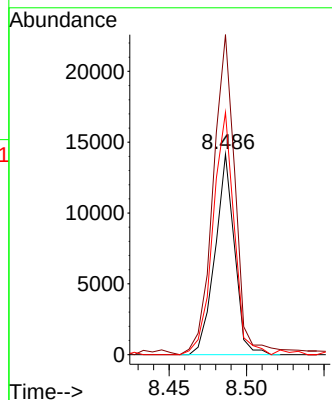
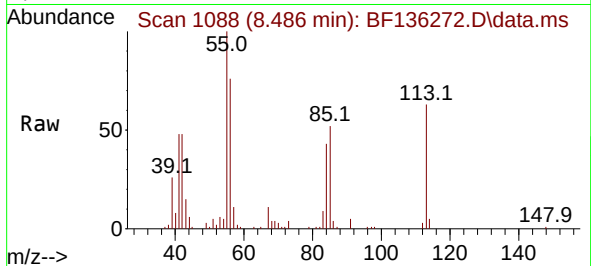
#35
 Caprolactam
 Concen: 9.456 ng
 RT: 8.486 min Scan# 1108
 Delta R.T. -0.053 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MSD

Tgt Ion:113 Resp: 1232
 Ion Ratio Lower Upper
 113 100
 55 159.6 143.1 183.1
 56 120.8 103.6 143.6

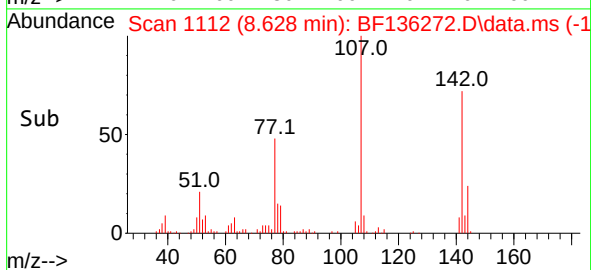
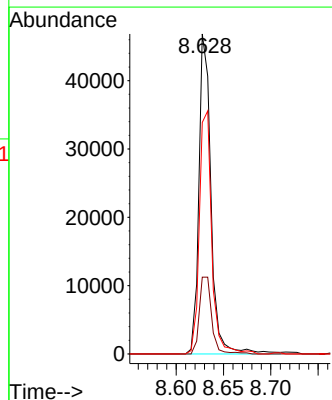
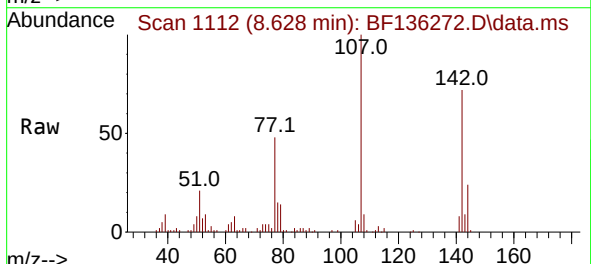
Manual Integrations
 APPROVED

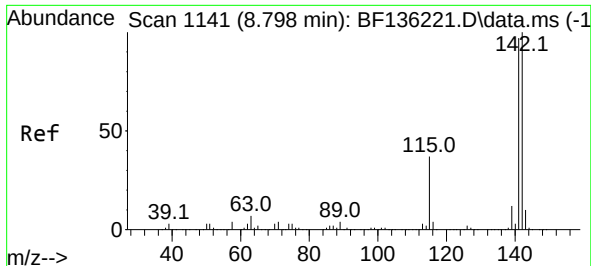
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#36
 4-Chloro-3-methylphenol
 Concen: 8.288 ng
 RT: 8.628 min Scan# 1112
 Delta R.T. -0.012 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

Tgt Ion:107 Resp: 41916
 Ion Ratio Lower Upper
 107 100
 144 24.0 17.8 26.8
 142 72.4 59.4 89.0





#37
2-Methylnaphthalene
Concen: 8.597 ng
RT: 8.798 min Scan# 1141
Delta R.T. -0.000 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

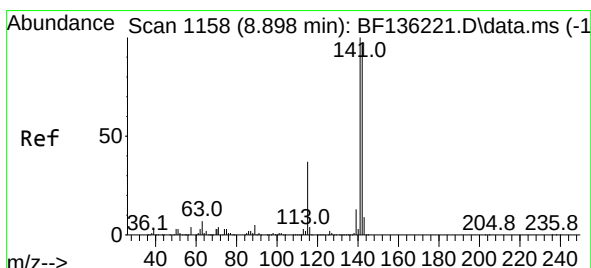
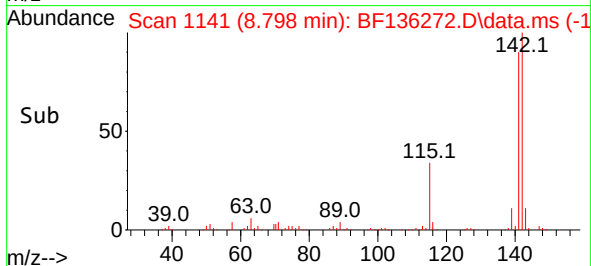
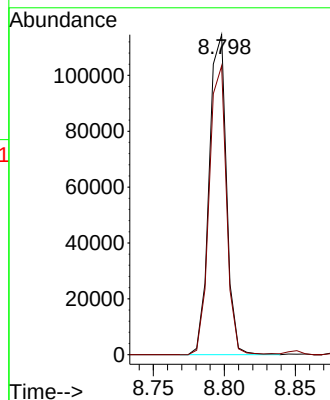
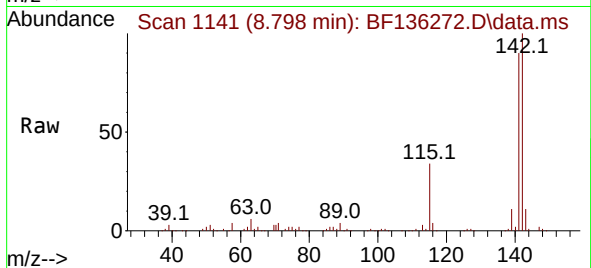
HD-01-112723MSD

Tgt Ion:142 Resp: 9744
Ion Ratio Lower Upper
142 100
141 90.3 77.8 116.8

Manual Integrations

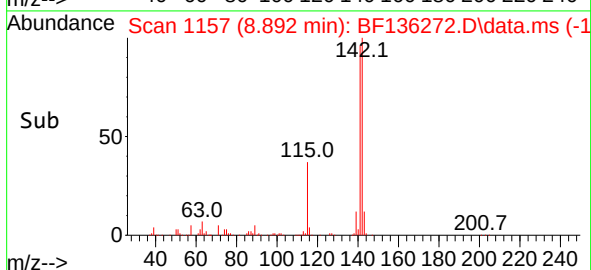
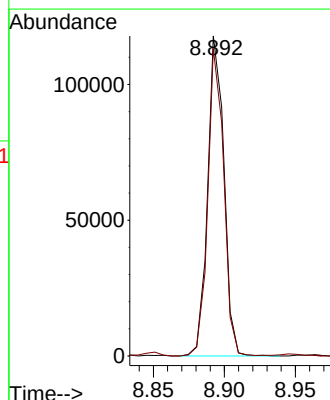
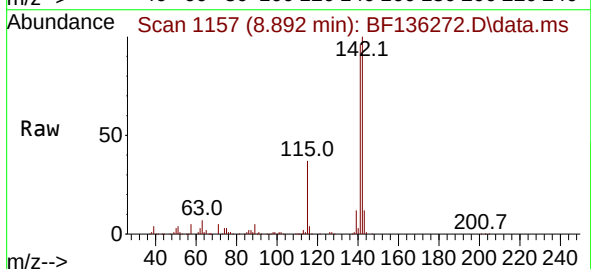
APPROVED

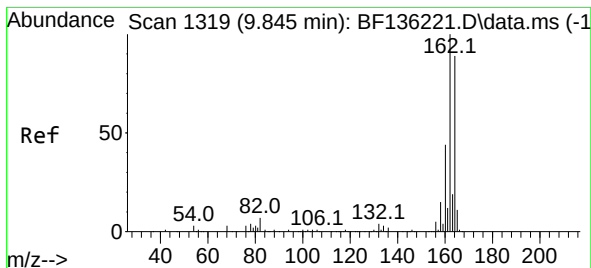
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 8.514 ng
RT: 8.892 min Scan# 1157
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:142 Resp: 94141
Ion Ratio Lower Upper
142 100
141 96.1 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.839 min Scan# 1118

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

Tgt Ion:164 Resp: 14225

Ion Ratio Lower Upper

164 100

162 105.3 89.5 134.3

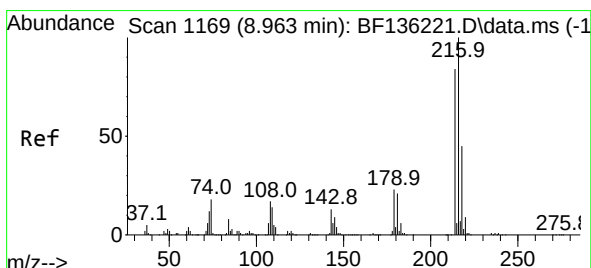
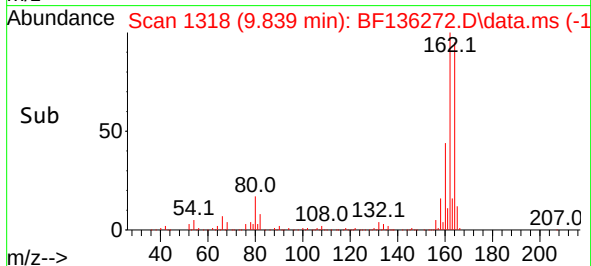
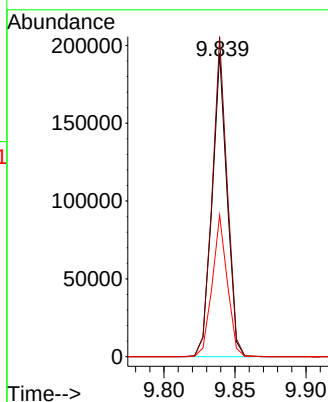
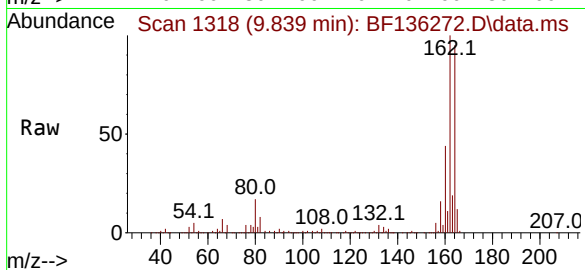
160 46.6 39.6 59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 10.041 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.000 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion:216 Resp: 45458

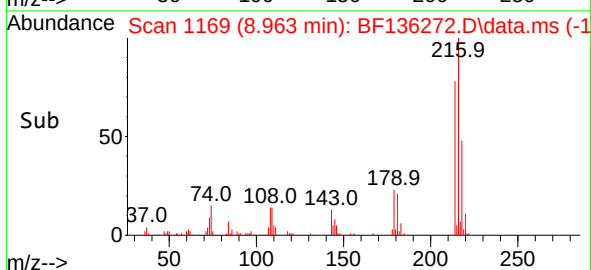
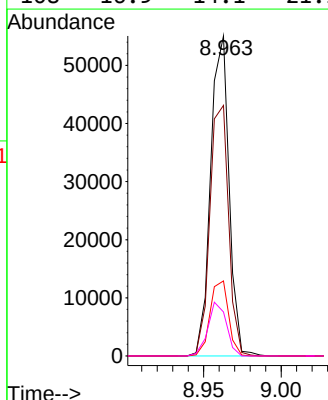
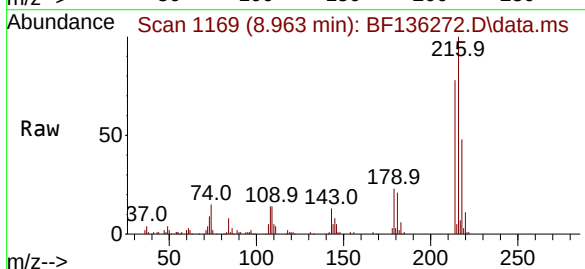
Ion Ratio Lower Upper

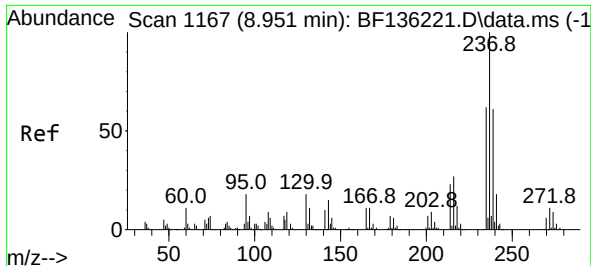
216 100

214 80.1 65.8 98.8

179 23.6 17.4 26.0

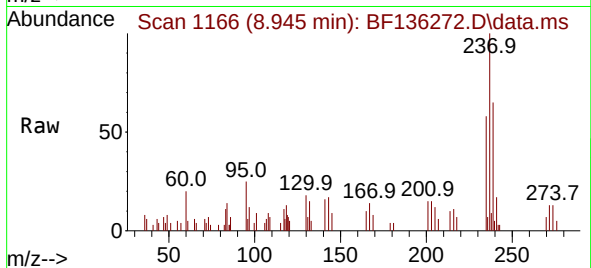
108 16.9 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 2.253 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

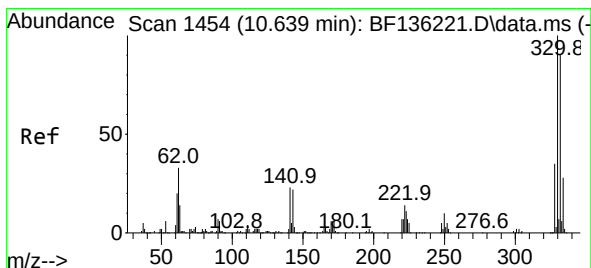
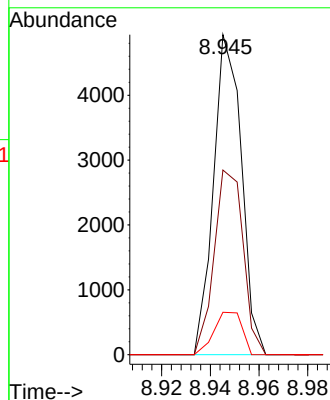
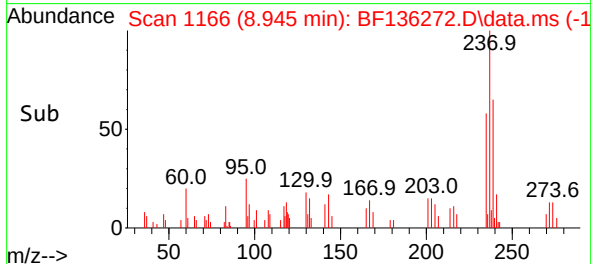
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion: 237 Resp: 3925
Ion Ratio Lower Upper
237 100
235 57.7 42.1 82.1
272 13.3 0.0 31.0

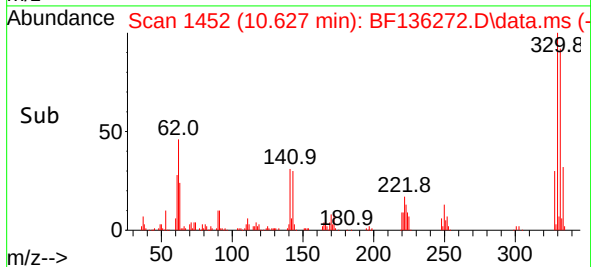
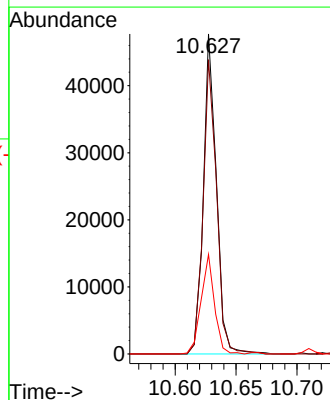
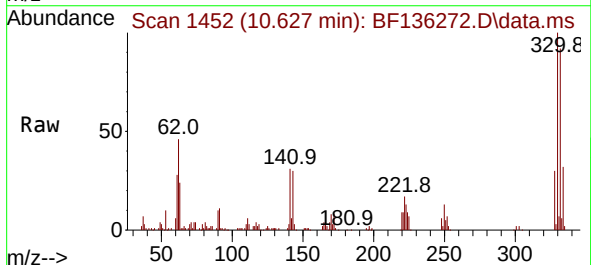
Manual Integrations
APPROVED

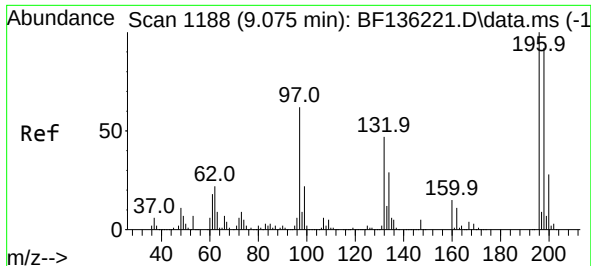
Reviewed By : Yogesh Patel 11/29/2023
Supervised By : mohammad ahmed 12/01/2023



#42
2,4,6-Tribromophenol
Concen: 20.379 ng
RT: 10.627 min Scan# 1452
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion: 330 Resp: 35443
Ion Ratio Lower Upper
330 100
332 95.2 73.0 109.6
141 32.1 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 9.129 ng m

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136272.D

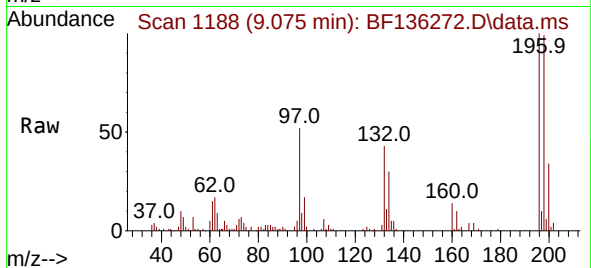
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD



Tgt Ion:196 Resp: 26820

Ion Ratio Lower Upper

196 100

198 98.5 73.2 109.8

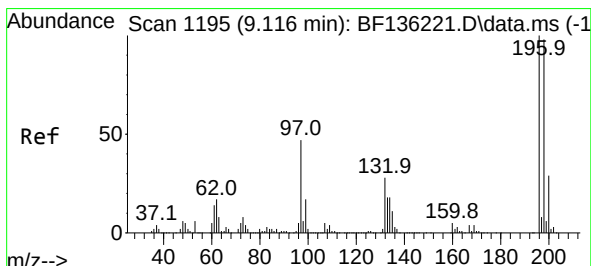
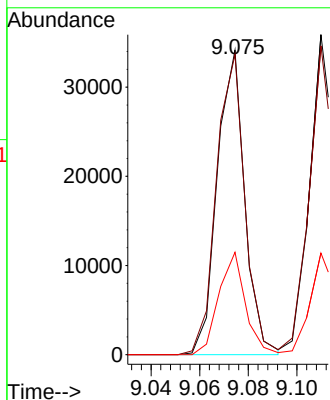
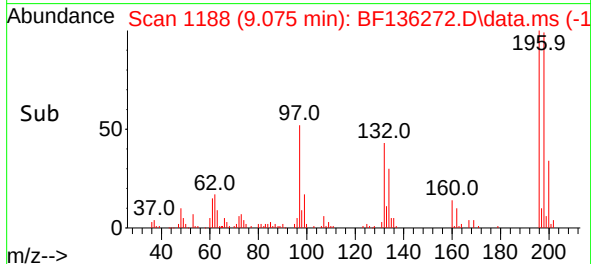
200 33.6 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 9.171 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion:196 Resp: 29411

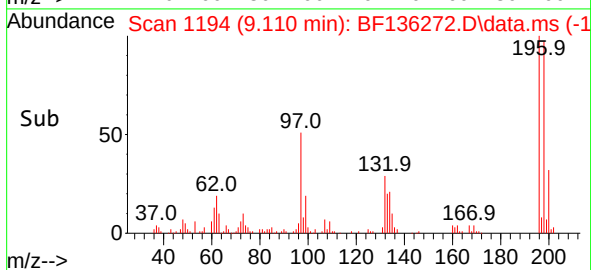
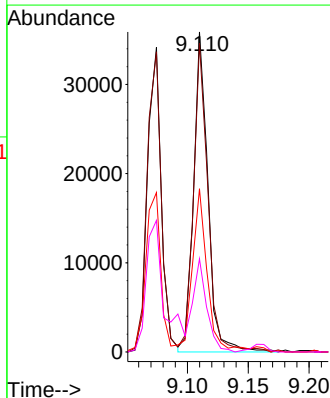
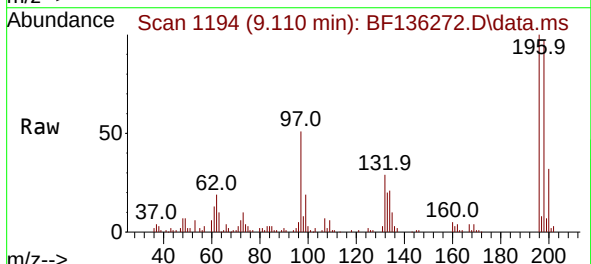
Ion Ratio Lower Upper

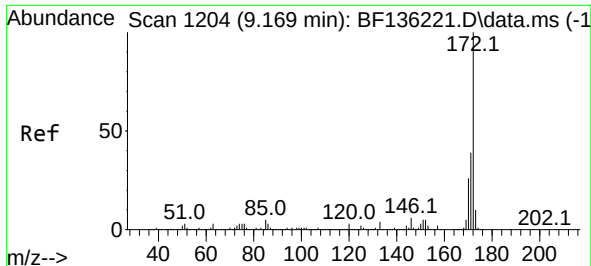
196 100

198 96.5 78.8 118.2

97 51.0 37.8 56.8

132 29.1 22.4 33.6





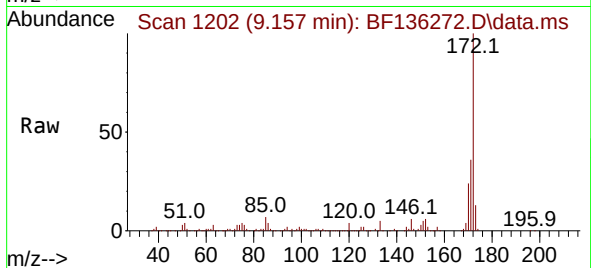
#45
2-Fluorobiphenyl
Concen: 13.550 ng
RT: 9.157 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

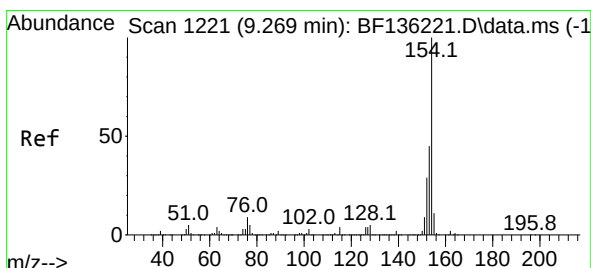
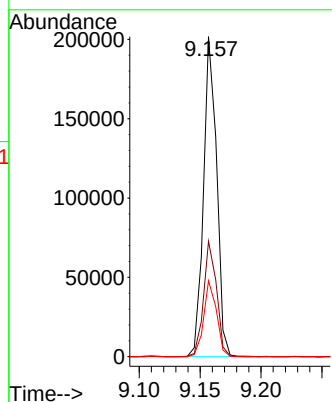
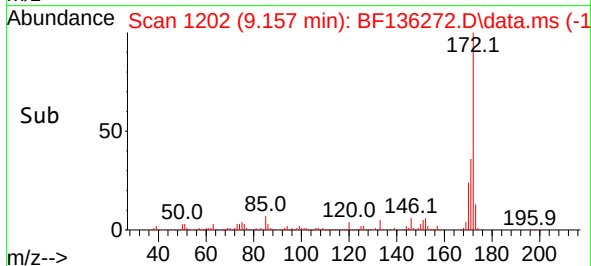


Tgt Ion:172 Resp: 150905
Ion Ratio Lower Upper
172 100
171 36.1 31.5 47.3
170 23.7 20.8 31.2

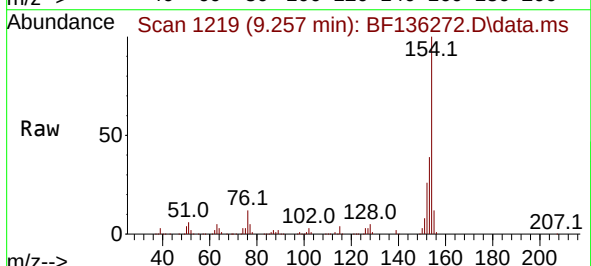
Manual Integrations

APPROVED

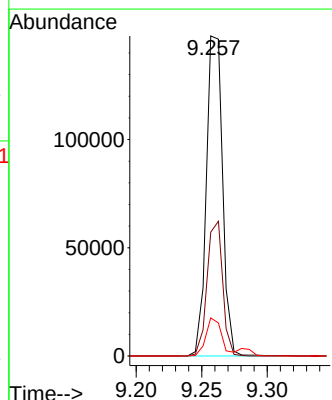
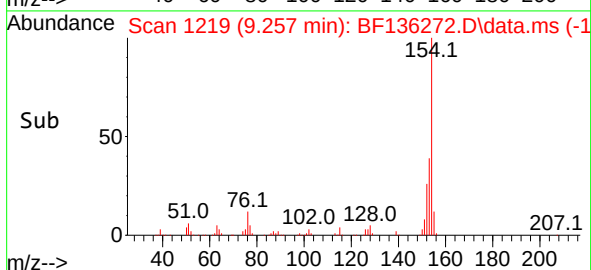
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

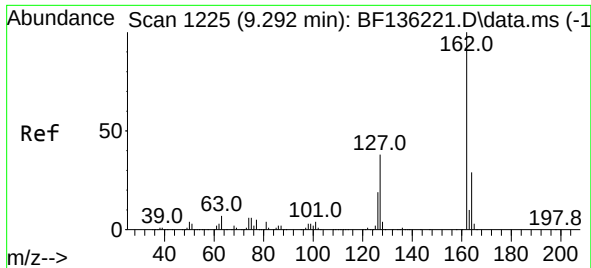


#46
1,1'-Biphenyl
Concen: 10.195 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



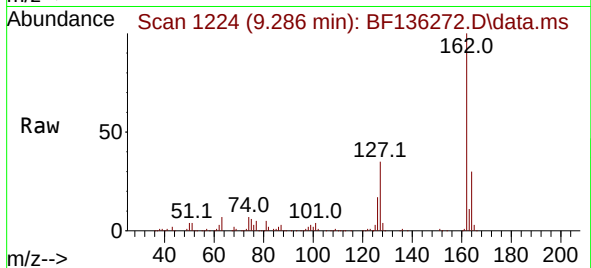
Tgt Ion:154 Resp: 127903
Ion Ratio Lower Upper
154 100
153 38.7 24.6 64.6
76 11.9 0.0 29.4





#47
2-Chloronaphthalene
Concen: 9.432 ng
RT: 9.286 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

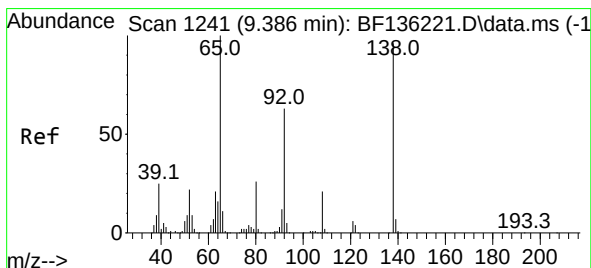
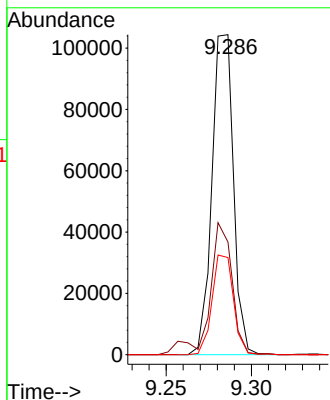
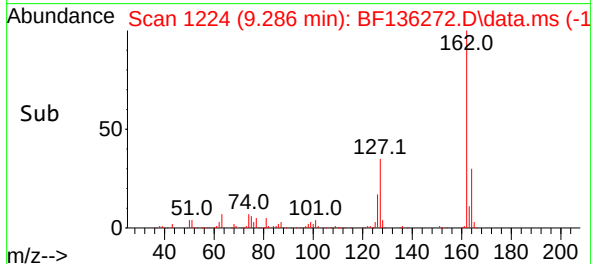
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion:162 Resp: 9189
Ion Ratio Lower Upper
162 100
127 35.2 30.2 45.2
164 30.3 22.8 34.2

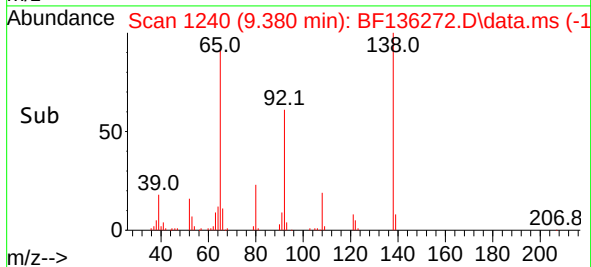
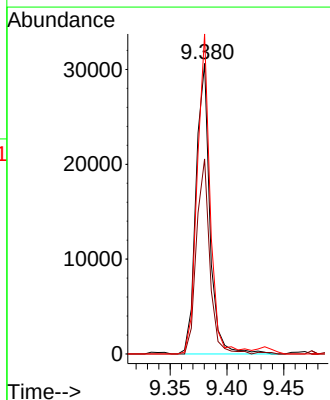
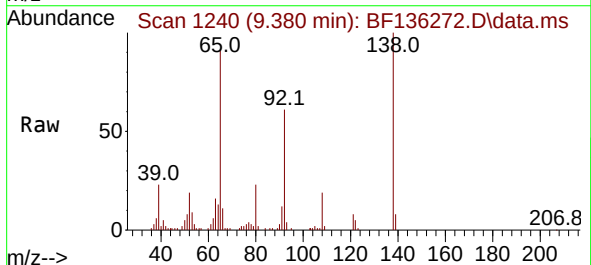
Manual Integrations
APPROVED

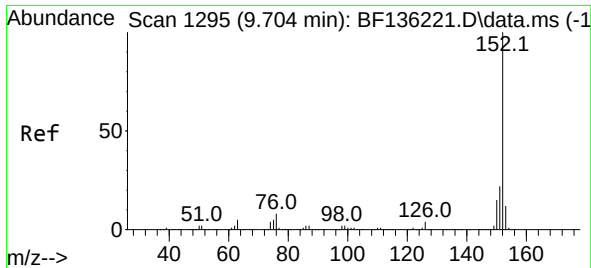
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 10.253 ng
RT: 9.380 min Scan# 1240
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion: 65 Resp: 26080
Ion Ratio Lower Upper
65 100
92 67.2 50.6 75.8
138 110.2 76.7 115.1





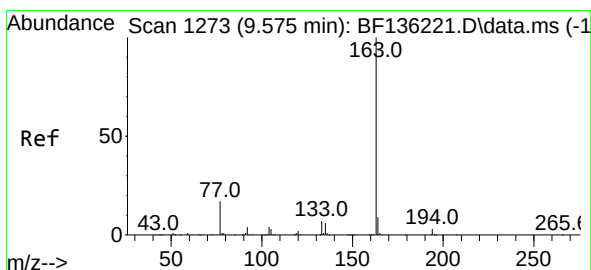
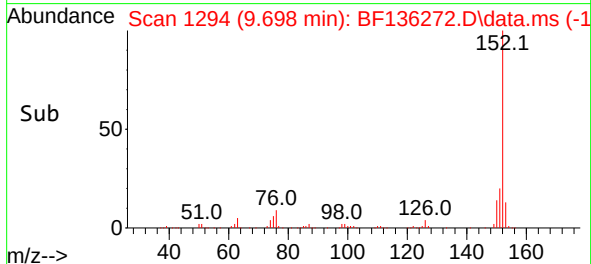
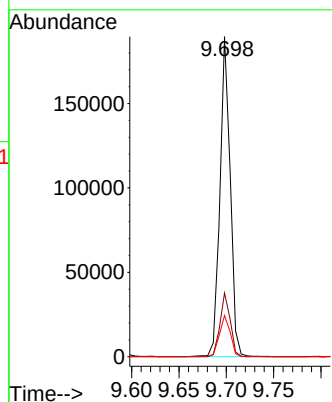
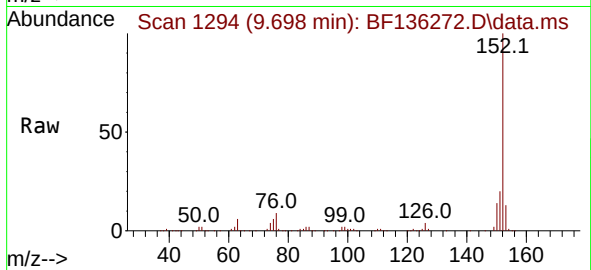
#49
Acenaphthylene
Concen: 10.275 ng
RT: 9.698 min Scan# 1295
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Tgt Ion:152 Resp: 14285
Ion Ratio Lower Upper
152 100
151 19.9 17.5 26.3
153 12.8 9.6 14.4

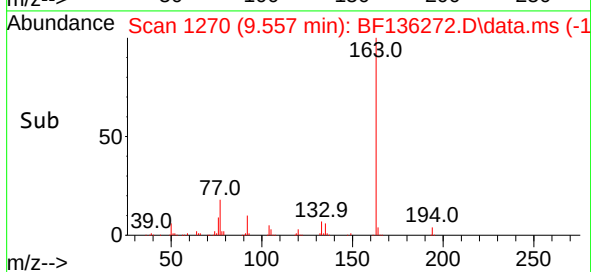
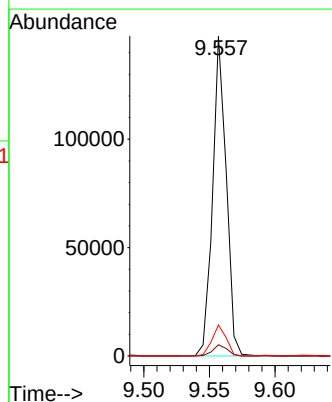
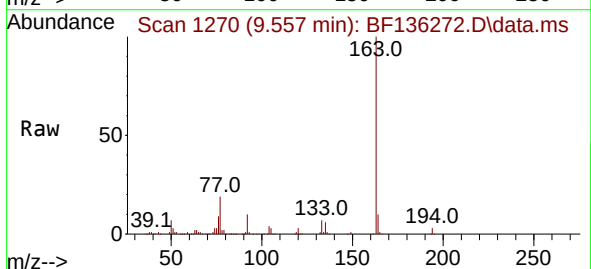
Manual Integrations
APPROVED

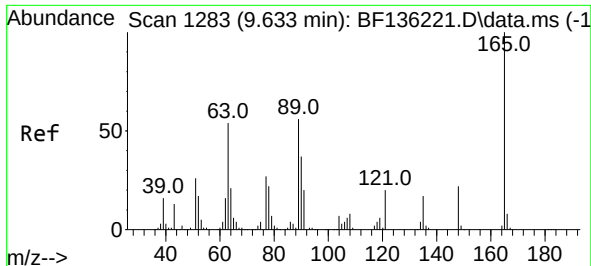
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#50
Dimethylphthalate
Concen: 9.918 ng
RT: 9.557 min Scan# 1270
Delta R.T. -0.018 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:163 Resp: 106636
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.7 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 8.552 ng

RT: 9.622 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

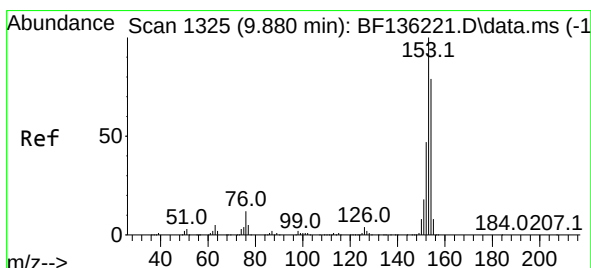
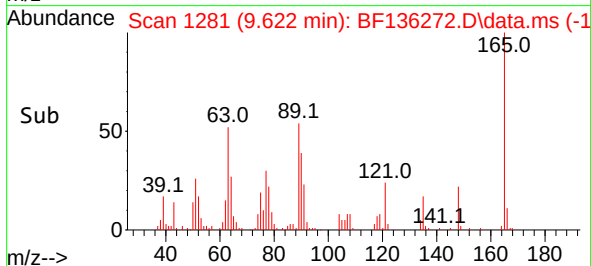
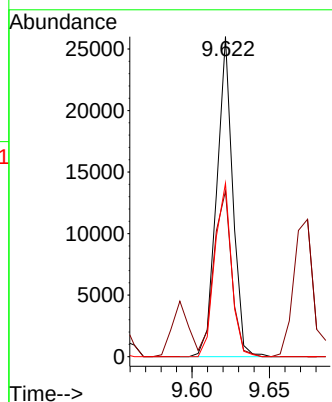
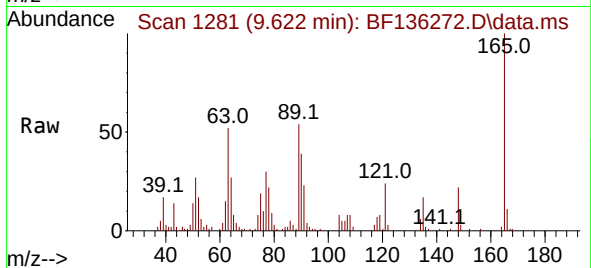
HD-01-112723MSD

Tgt Ion:165 Resp: 18789
 Ion Ratio Lower Upper
 165 100
 63 51.7 46.2 69.2
 89 54.2 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#52

Acenaphthene

Concen: 9.802 ng

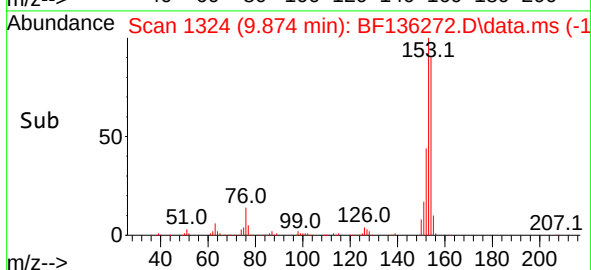
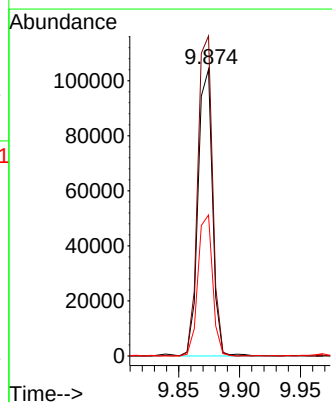
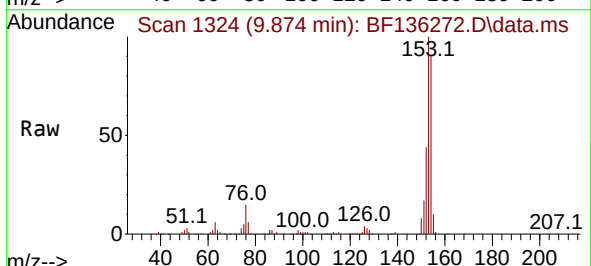
RT: 9.874 min Scan# 1324

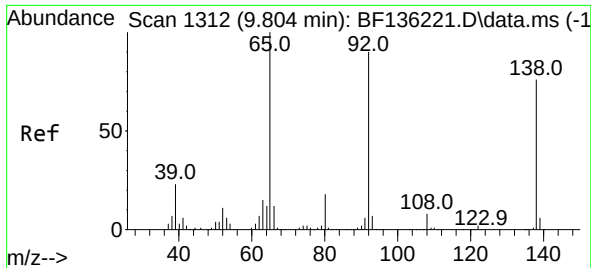
Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion:154 Resp: 86121
 Ion Ratio Lower Upper
 154 100
 153 111.6 100.8 151.2
 152 49.2 47.0 70.6





#53
3-Nitroaniline
Concen: 9.609 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.018 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

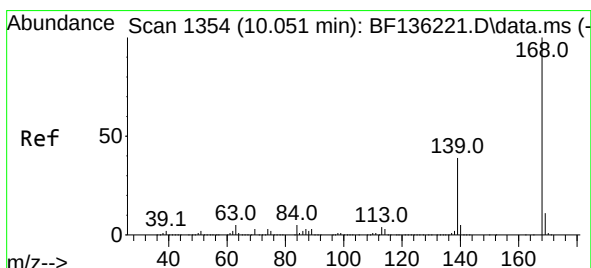
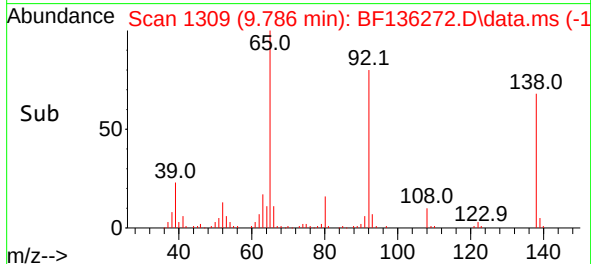
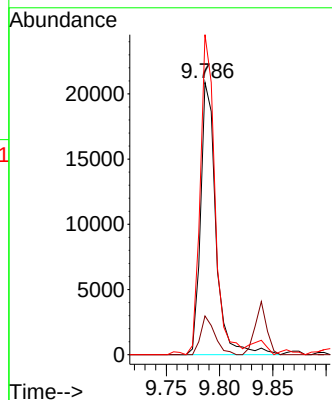
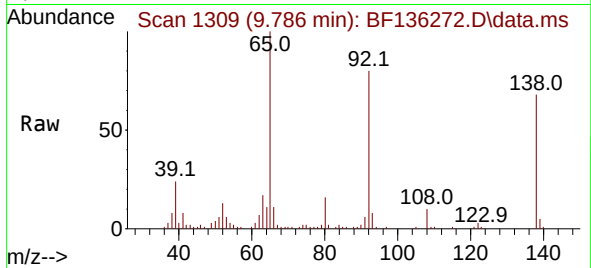
HD-01-112723MSD

Tgt Ion:138 Resp: 20943
Ion Ratio Lower Upper
138 100
108 14.2 8.7 13.1
92 117.5 94.2 141.4

Manual Integrations

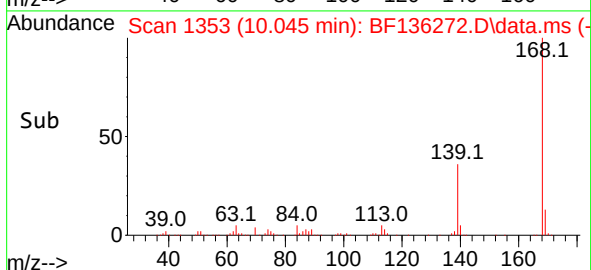
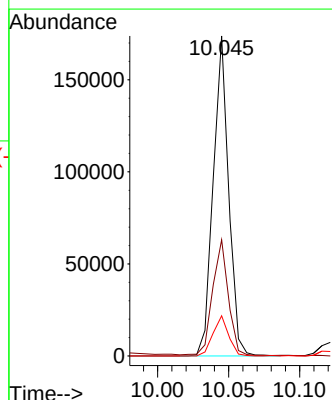
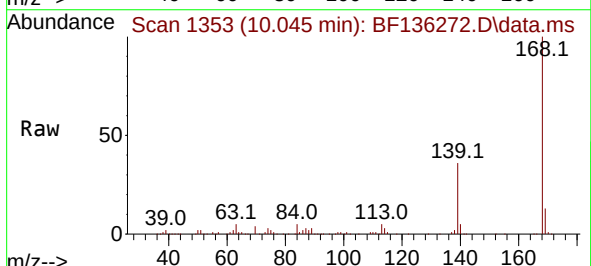
APPROVED

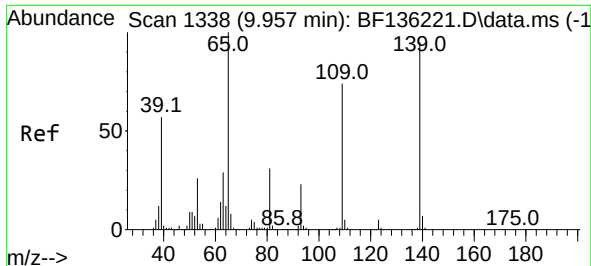
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#55
Dibenzofuran
Concen: 10.026 ng
RT: 10.045 min Scan# 1353
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:168 Resp: 131074
Ion Ratio Lower Upper
168 100
139 36.3 30.9 46.3
169 12.5 9.1 13.7





#56
4-Nitrophenol
Concen: 21.206 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

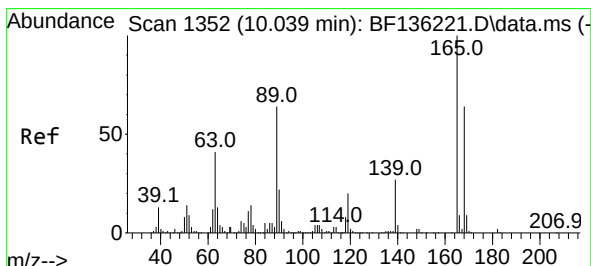
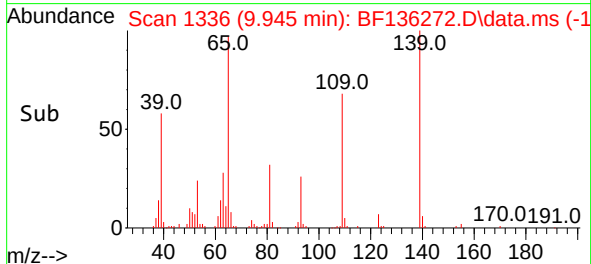
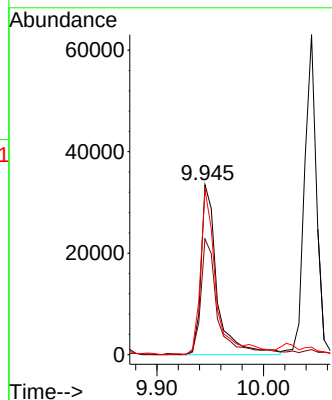
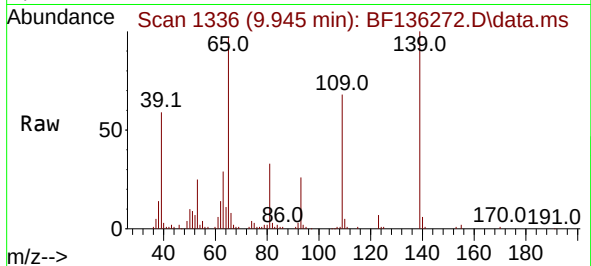
HD-01-112723MSD

Tgt Ion:139 Resp: 3510
Ion Ratio Lower Upper
139 100
109 68.0 57.8 97.8
65 97.2 86.0 126.0

Manual Integrations

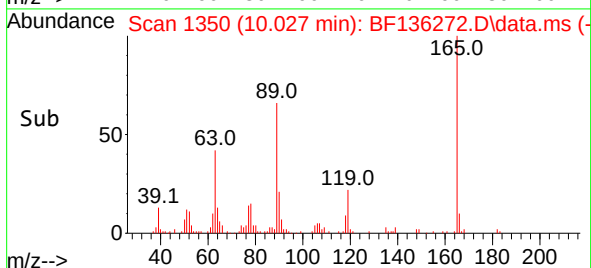
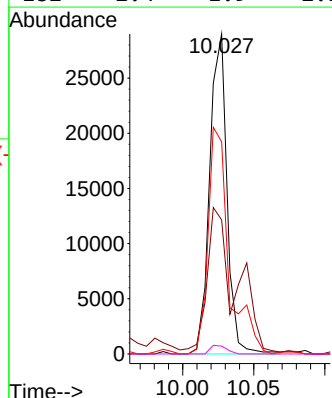
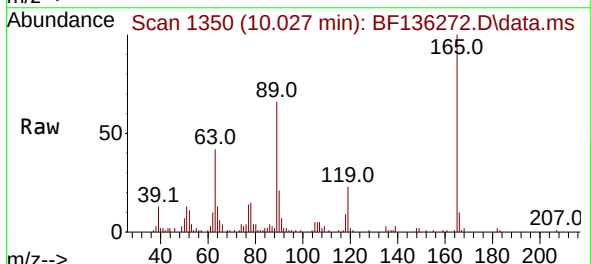
APPROVED

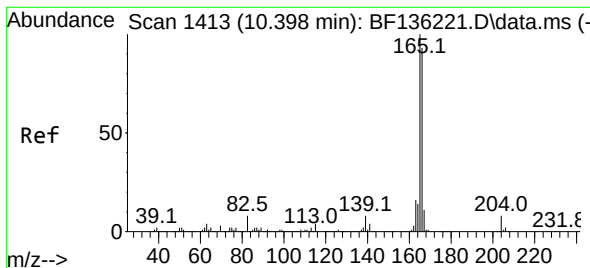
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#57
2,4-Dinitrotoluene
Concen: 8.399 ng
RT: 10.027 min Scan# 1350
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:165 Resp: 24643
Ion Ratio Lower Upper
165 100
63 41.9 33.0 49.4
89 66.3 51.5 77.3
182 2.4 1.9 2.9





#58

Fluorene

Concen: 10.297 ng

RT: 10.386 min Scan# 1413

Delta R.T. -0.012 min

Lab File: BF136272.D

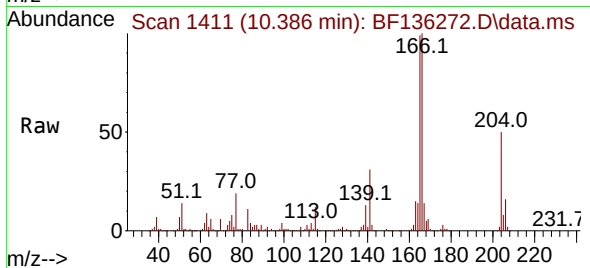
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD



Tgt Ion:166 Resp: 10559

Ion Ratio Lower Upper

166 100

165 99.0 86.2 129.4

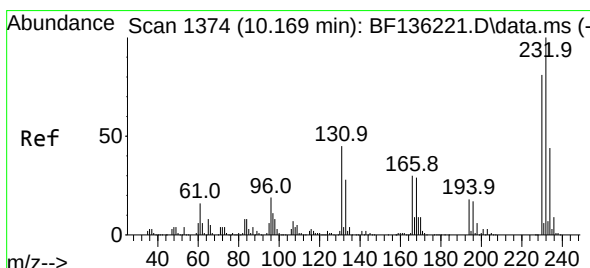
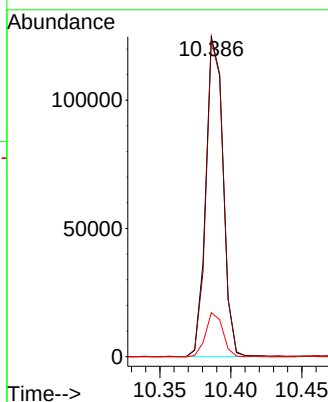
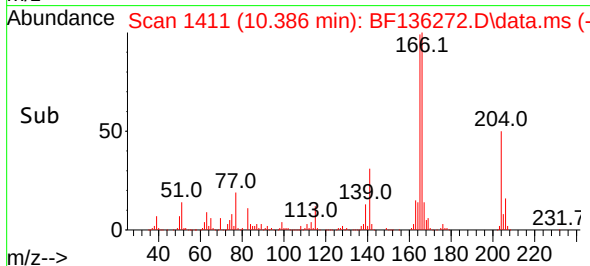
167 13.8 9.1 13.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#59

2,3,4,6-Tetrachlorophenol

Concen: 10.117 ng

RT: 10.163 min Scan# 1373

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion:232 Resp: 25815

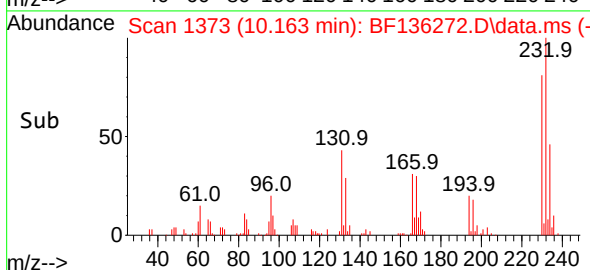
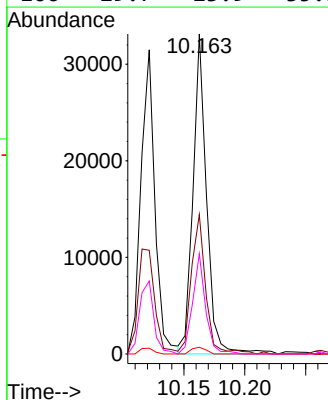
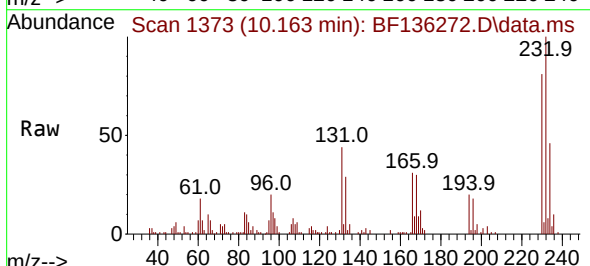
Ion Ratio Lower Upper

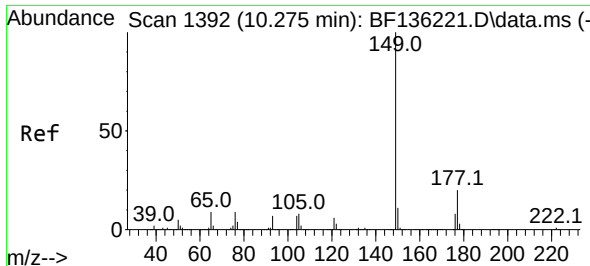
232 100

131 46.1 36.4 54.6

130 2.2 1.9 2.9

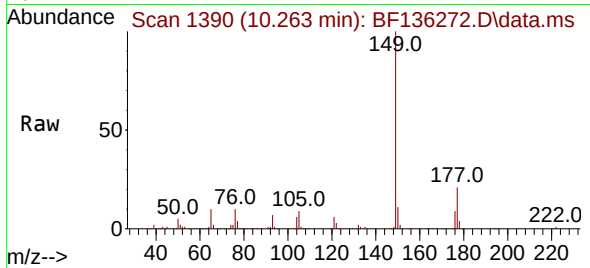
166 29.7 23.9 35.9





#60
Diethylphthalate
Concen: 9.601 ng
RT: 10.263 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

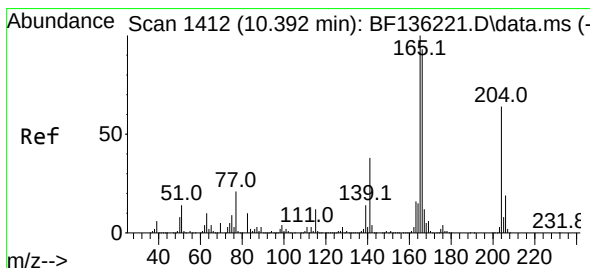
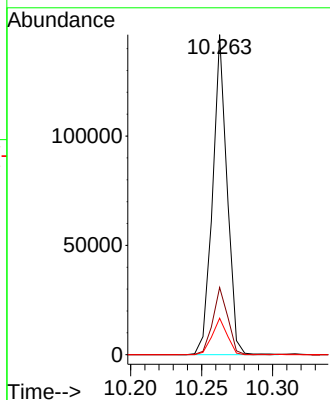
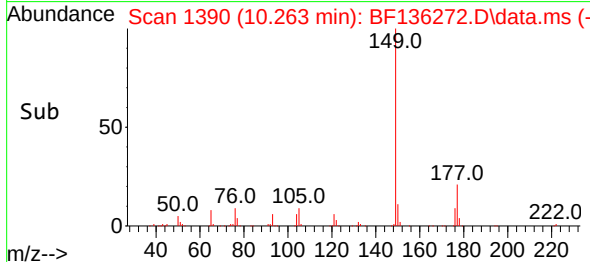
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



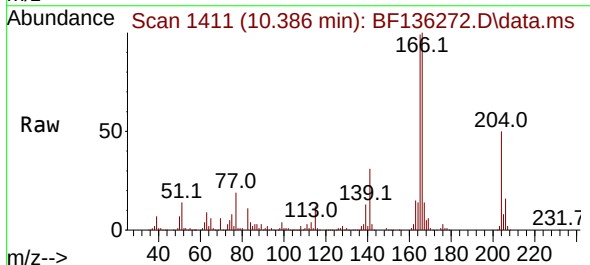
Tgt Ion:149 Resp: 10326
Ion Ratio Lower Upper
149 100
177 21.0 15.8 23.6
150 11.4 8.8 13.2

Manual Integrations
APPROVED

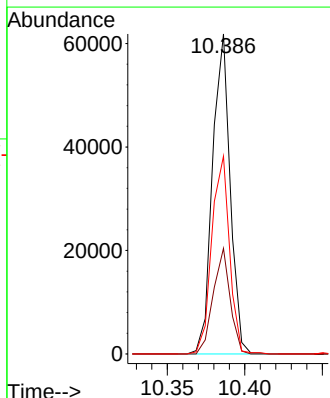
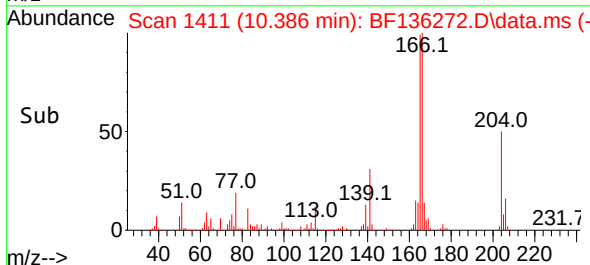
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

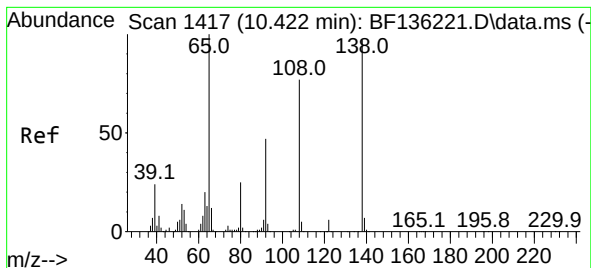


#61
4-Chlorophenyl-phenylether
Concen: 9.817 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



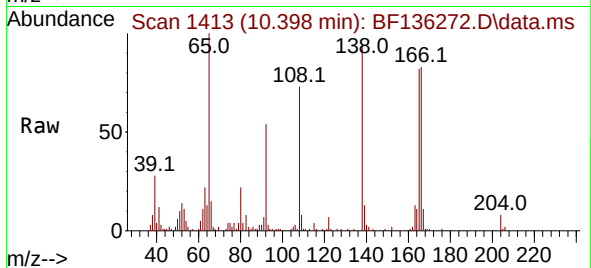
Tgt Ion:204 Resp: 48890
Ion Ratio Lower Upper
204 100
206 33.0 23.4 35.0
141 61.8 47.6 71.4





#62
4-Nitroaniline
Concen: 11.218 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.024 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

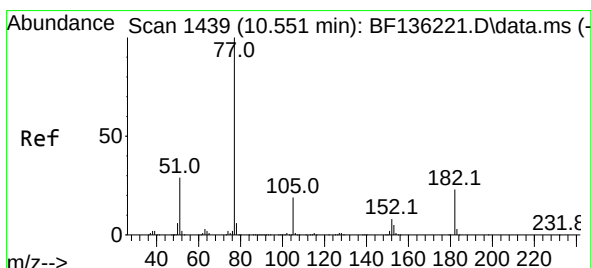
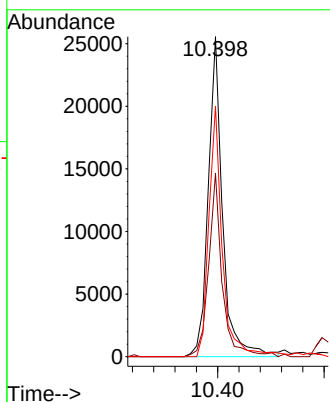
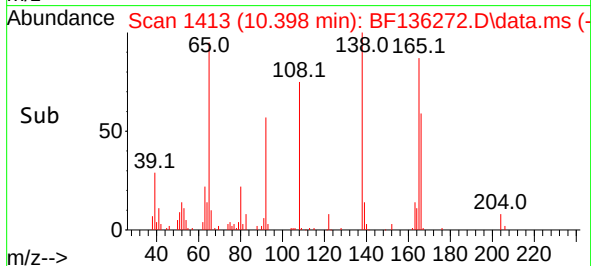
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion: 138 Resp: 2393
Ion Ratio Lower Upper
138 100
92 57.4 28.5 68.5
108 78.3 59.8 99.8

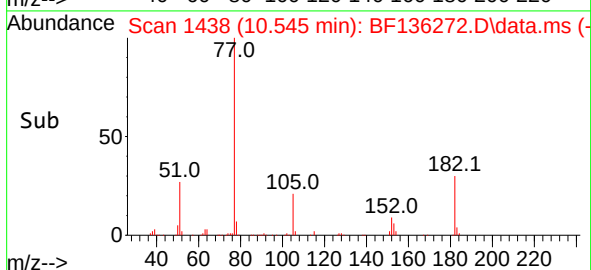
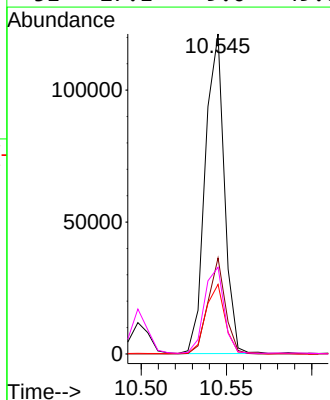
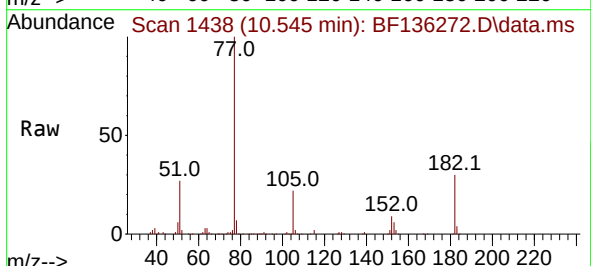
Manual Integrations
APPROVED

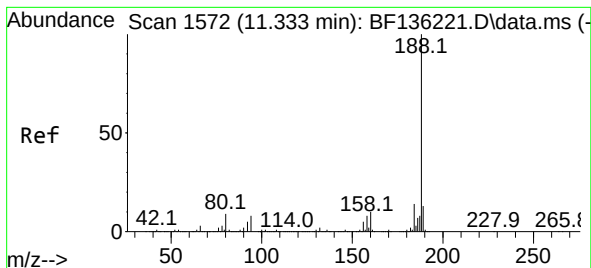
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#63
Azobenzene
Concen: 9.459 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

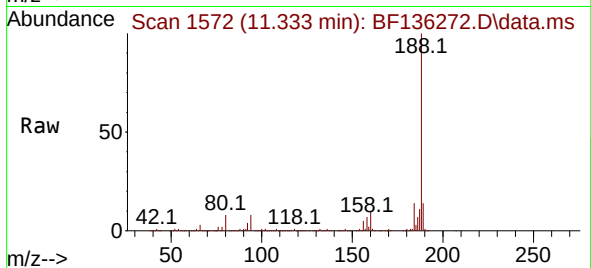
Tgt Ion: 77 Resp: 94322
Ion Ratio Lower Upper
77 100
182 30.0 3.3 43.3
105 21.7 0.0 39.5
51 27.1 9.0 49.0





#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

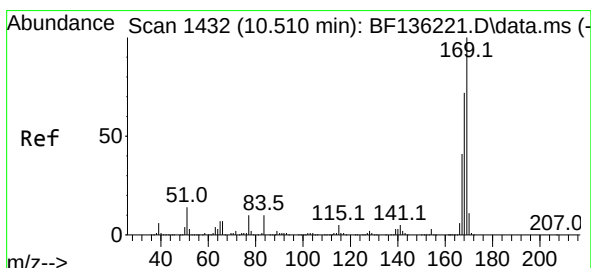
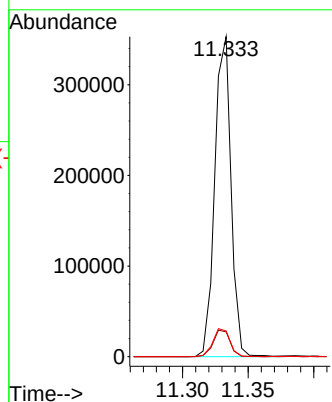
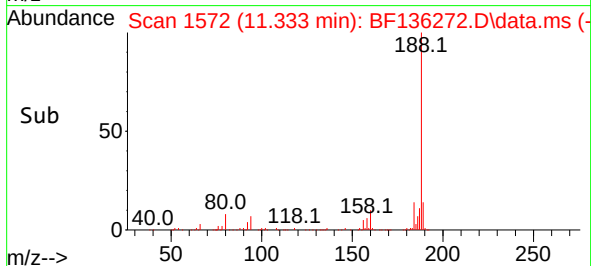
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



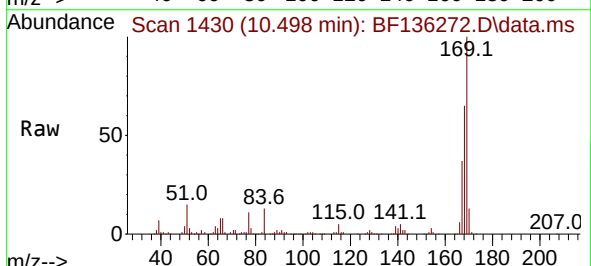
Tgt Ion:188 Resp: 30410
Ion Ratio Lower Upper
188 100
94 7.8 6.7 10.1
80 8.1 7.2 10.8

Manual Integrations
APPROVED

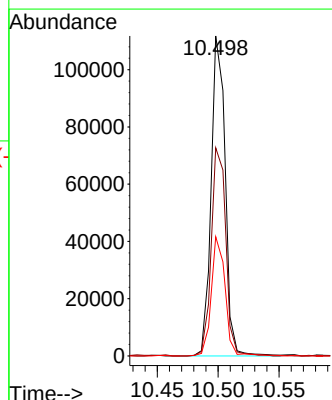
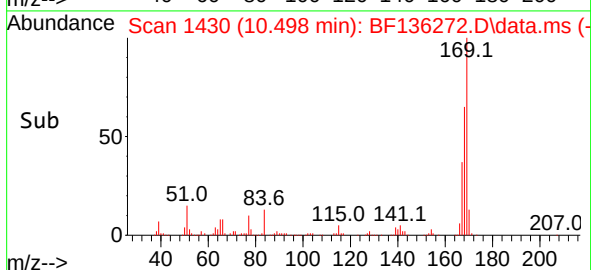
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

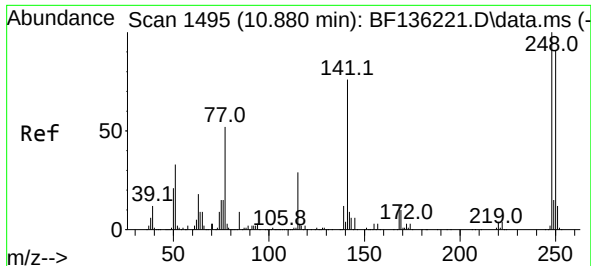


#66
n-Nitrosodiphenylamine
Concen: 9.237 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



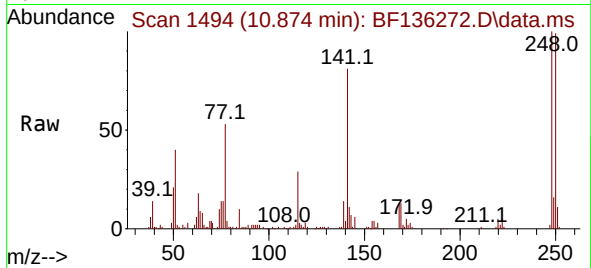
Tgt Ion:169 Resp: 90020
Ion Ratio Lower Upper
169 100
168 65.1 57.8 86.6
167 37.3 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 8.726 ng
RT: 10.874 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

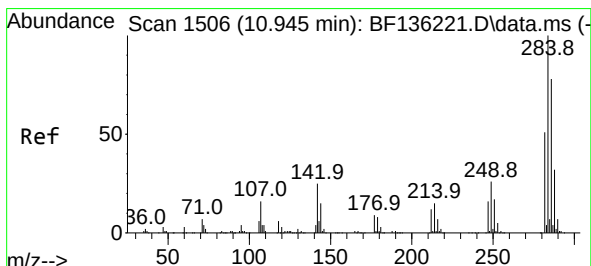
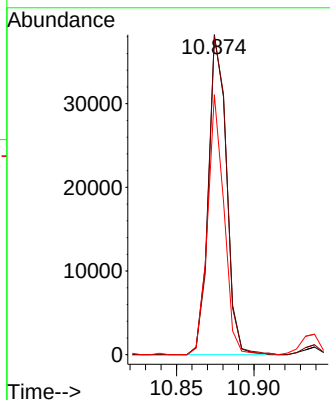
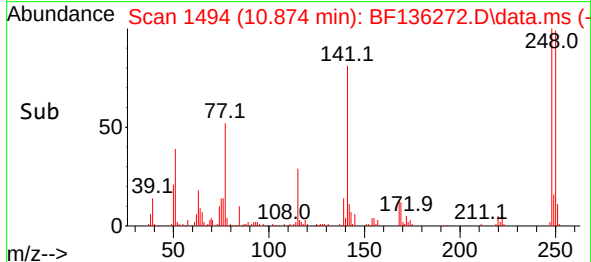
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



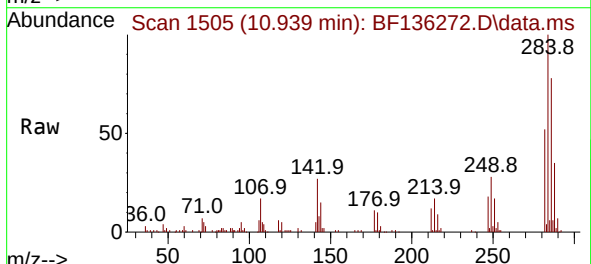
Tgt Ion:248 Resp: 30958
Ion Ratio Lower Upper
248 100
250 99.4 72.5 108.7
141 81.3 60.8 91.2

Manual Integrations
APPROVED

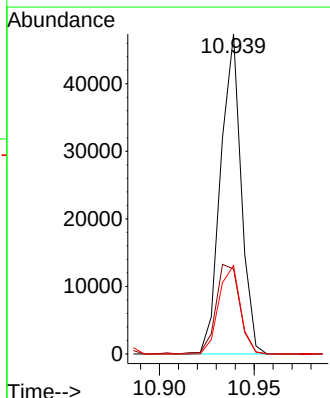
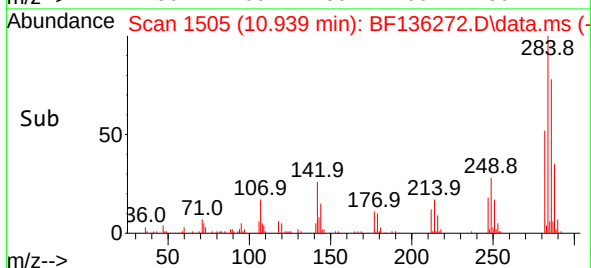
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023

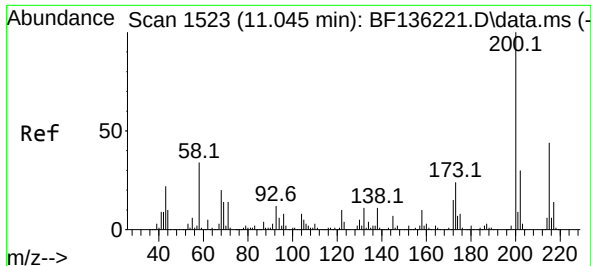


#68
Hexachlorobenzene
Concen: 8.681 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30



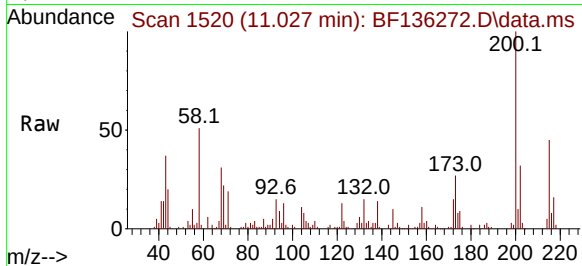
Tgt Ion:284 Resp: 35644
Ion Ratio Lower Upper
284 100
142 26.6 19.8 29.8
249 27.7 21.0 31.4





#69
 Atrazine
 Concen: 11.148 ng
 RT: 11.027 min Scan# 1520
 Delta R.T. -0.018 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

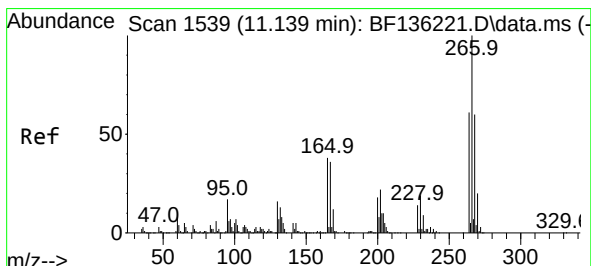
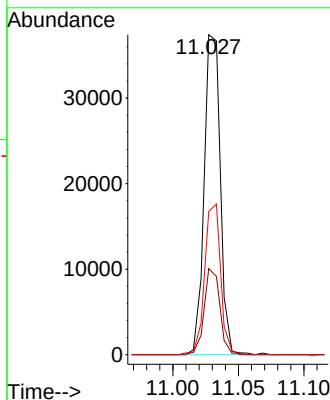
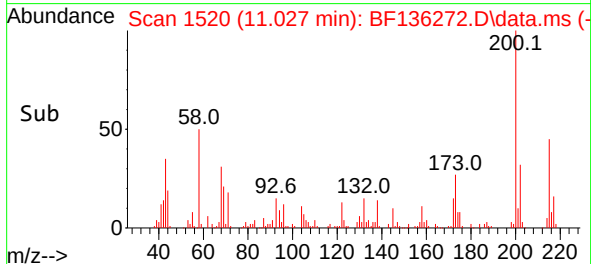
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MSD



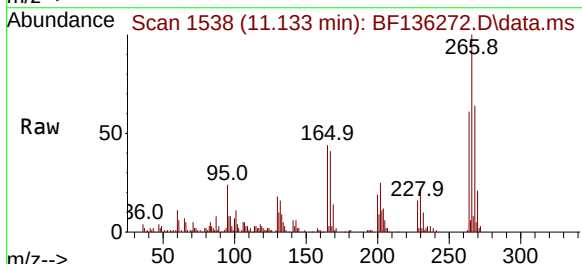
Tgt Ion:200 Resp: 32228
 Ion Ratio Lower Upper
 200 100
 173 26.9 4.3 44.3
 215 44.7 23.8 63.8

Manual Integrations
 APPROVED

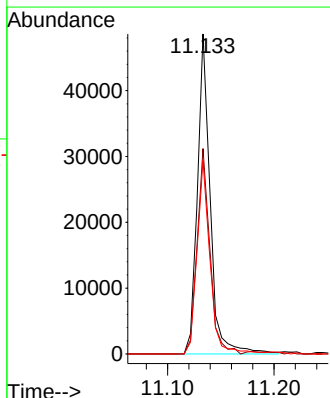
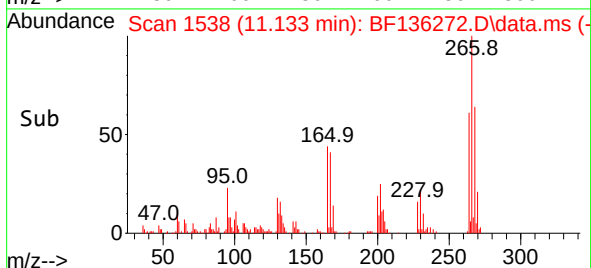
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

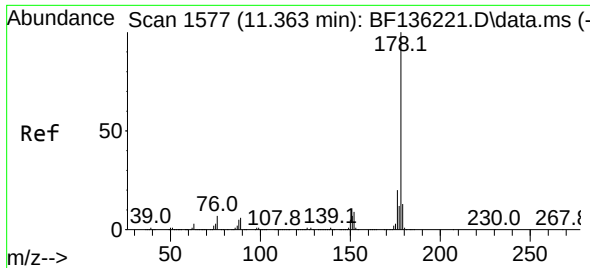


#70
 Pentachlorophenol
 Concen: 17.554 ng
 RT: 11.133 min Scan# 1538
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30



Tgt Ion:266 Resp: 40744
 Ion Ratio Lower Upper
 266 100
 268 64.2 47.9 71.9
 264 60.5 49.1 73.7





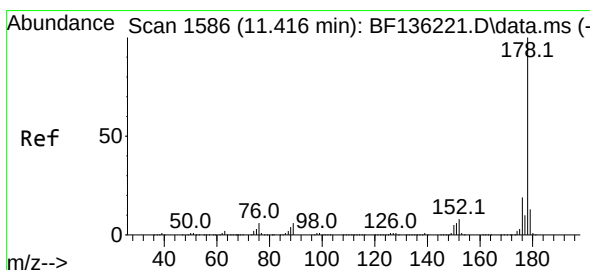
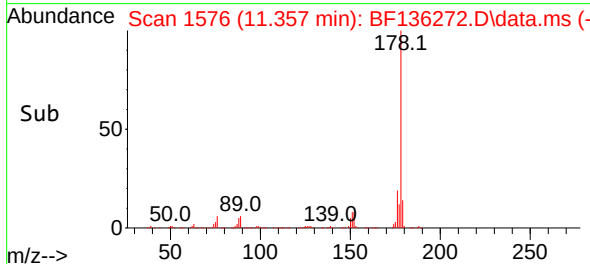
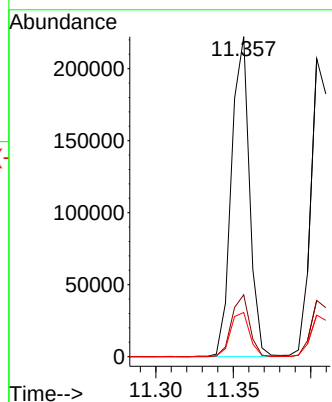
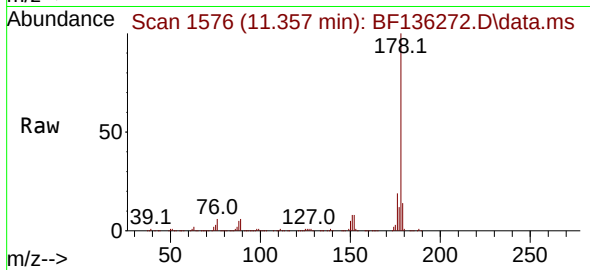
#71
Phenanthrene
Concen: 10.532 ng
RT: 11.357 min Scan# 11357
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Tgt Ion:178 Resp: 18001
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 13.8 10.3 15.5

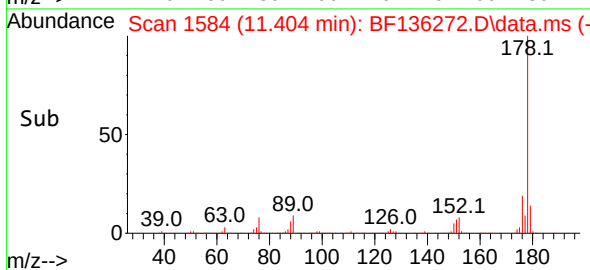
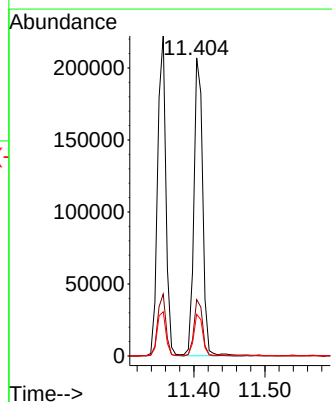
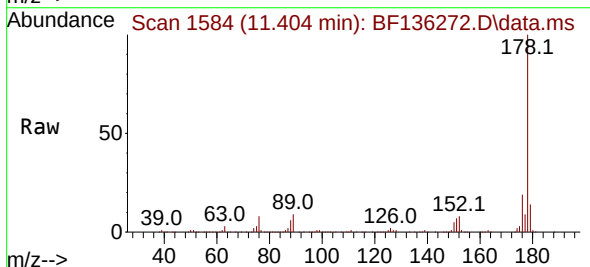
Manual Integrations
APPROVED

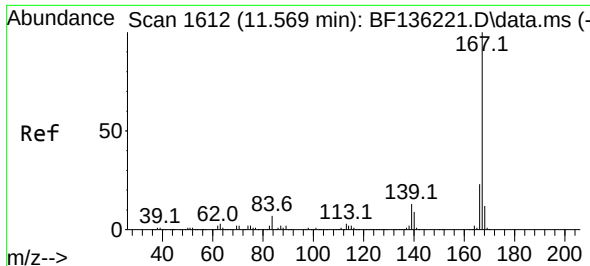
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 10.402 ng
RT: 11.404 min Scan# 1584
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

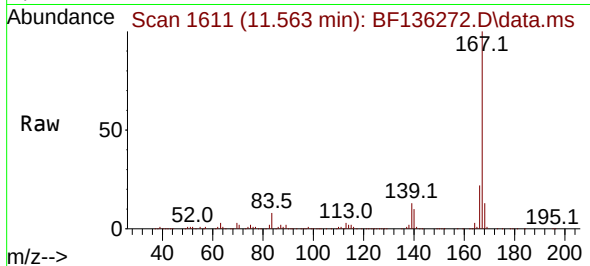
Tgt Ion:178 Resp: 178284
Ion Ratio Lower Upper
178 100
176 18.9 15.5 23.3
179 13.9 10.5 15.7





#73
 Carbazole
 Concen: 10.530 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

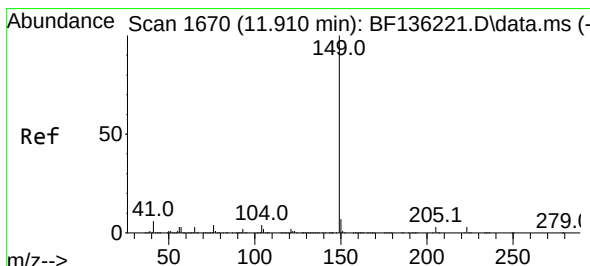
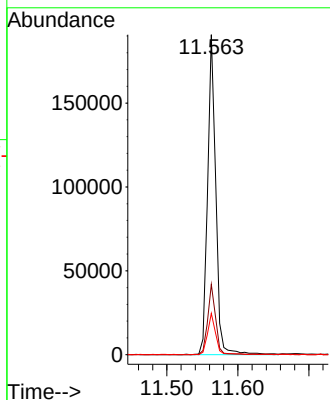
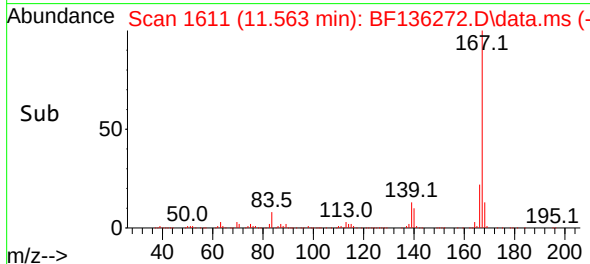
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MSD



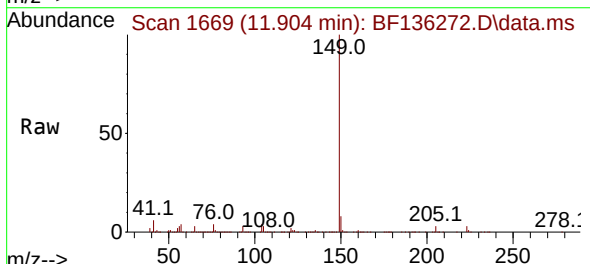
Tgt Ion:167 Resp: 15351
 Ion Ratio Lower Upper
 167 100
 166 21.9 18.4 27.6
 139 12.9 10.5 15.7

Manual Integrations
 APPROVED

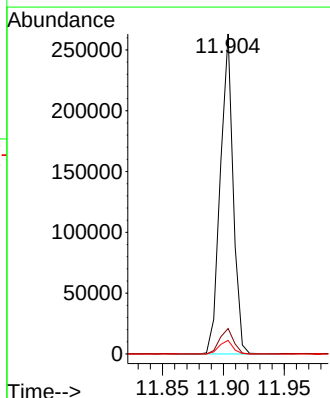
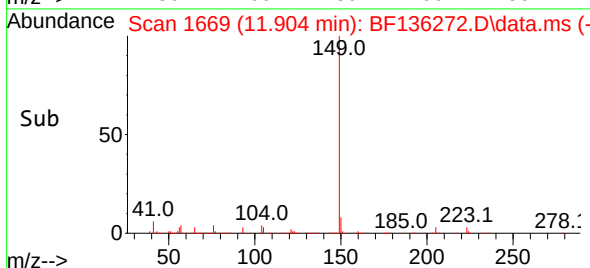
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023

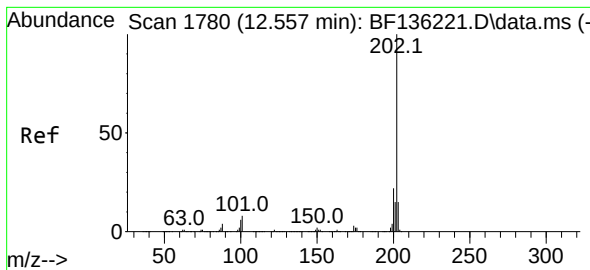


#74
 Di-n-butylphthalate
 Concen: 10.629 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30



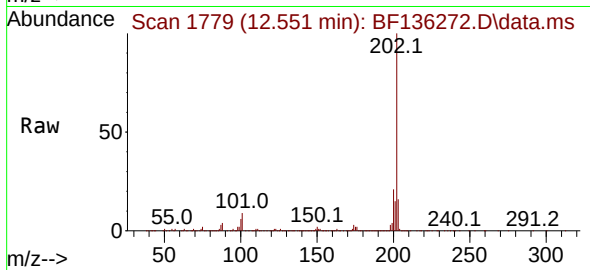
Tgt Ion:149 Resp: 193871
 Ion Ratio Lower Upper
 149 100
 150 7.9 6.0 9.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 12.415 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

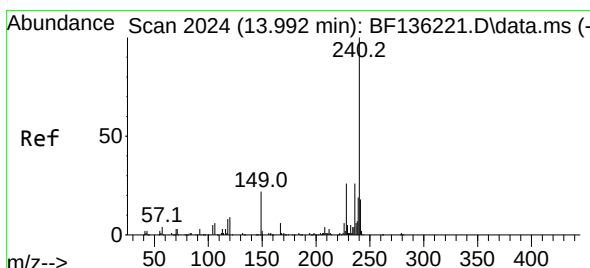
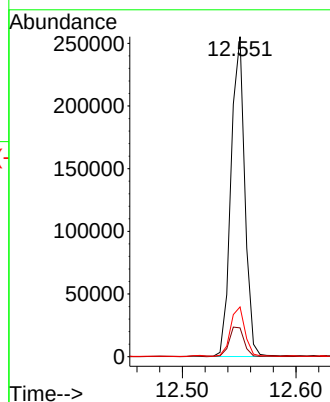
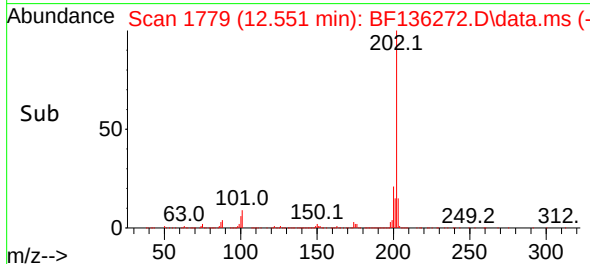
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion:202 Resp: 21542
Ion Ratio Lower Upper
202 100
101 9.0 0.0 27.8
203 15.6 0.0 34.5

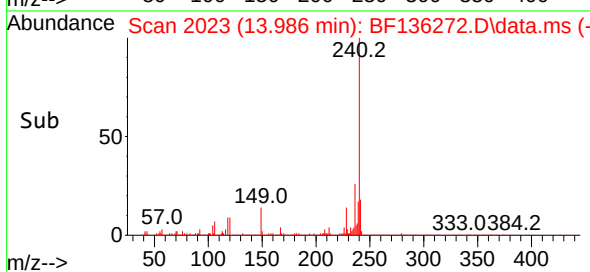
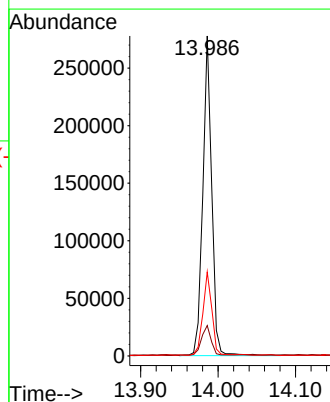
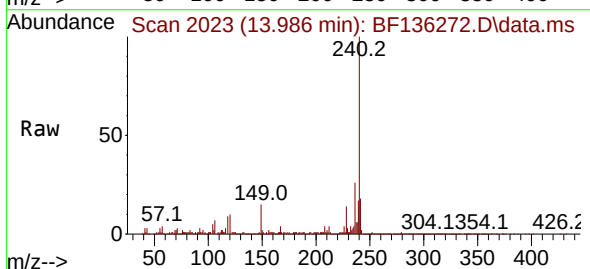
Manual Integrations
APPROVED

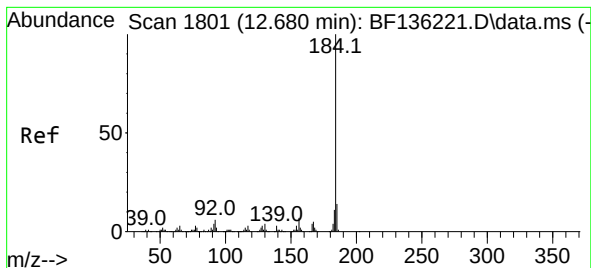
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:240 Resp: 221536
Ion Ratio Lower Upper
240 100
120 9.5 7.4 11.2
236 26.2 21.1 31.7





#77

Benzidine

Concen: 17.418 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

Tgt Ion:184 Resp: 63430

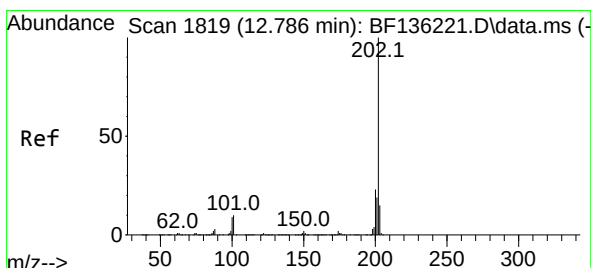
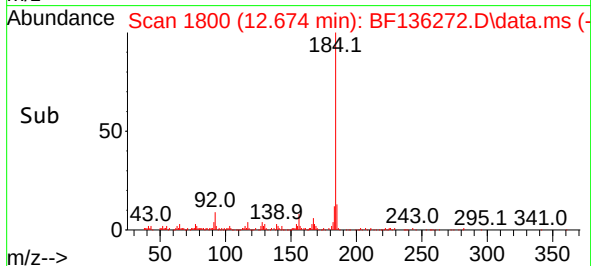
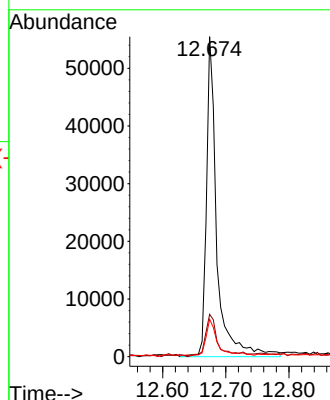
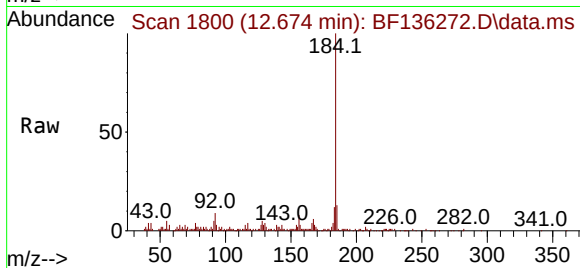
Ion	Ratio	Lower	Upper
184	100		
185	13.2	11.0	16.6
183	11.7	9.0	13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#78

Pyrene

Concen: 8.959 ng

RT: 12.780 min Scan# 1818

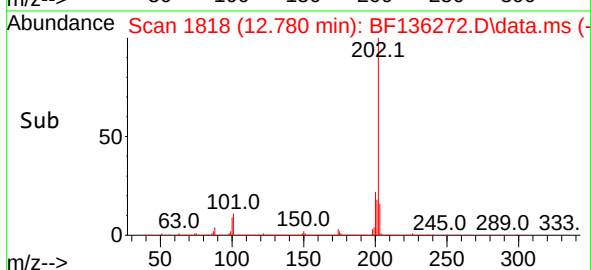
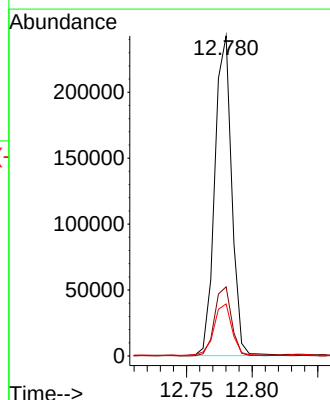
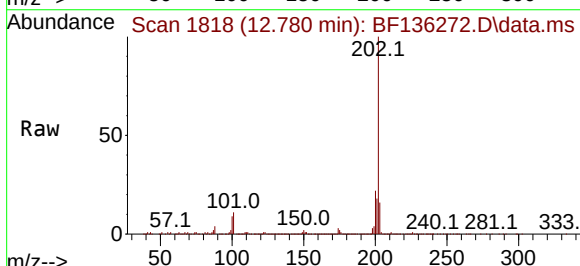
Delta R.T. -0.006 min

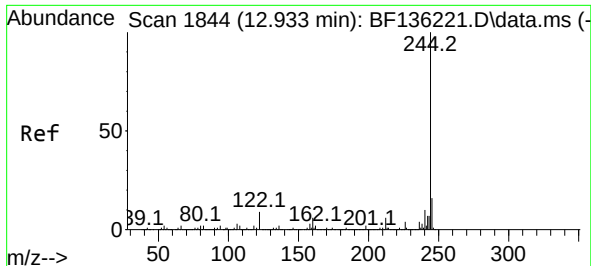
Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Tgt Ion:202 Resp: 217370

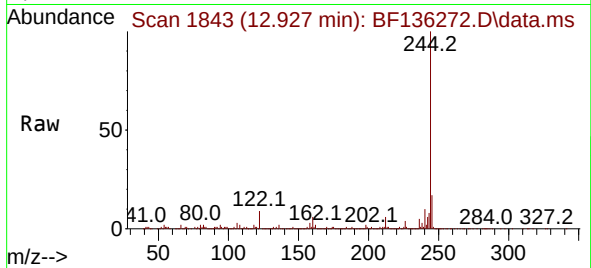
Ion	Ratio	Lower	Upper
202	100		
200	21.6	18.4	27.6
203	16.3	11.8	17.6





#79
 Terphenyl-d14
 Concen: 11.164 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

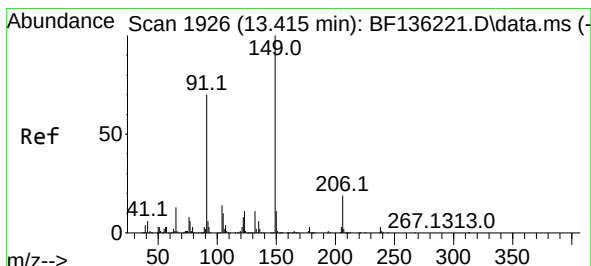
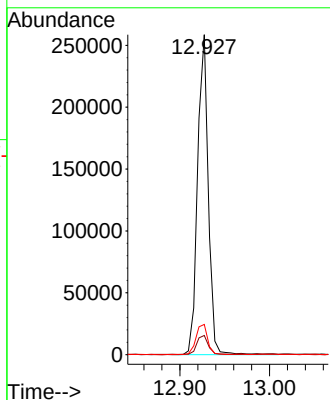
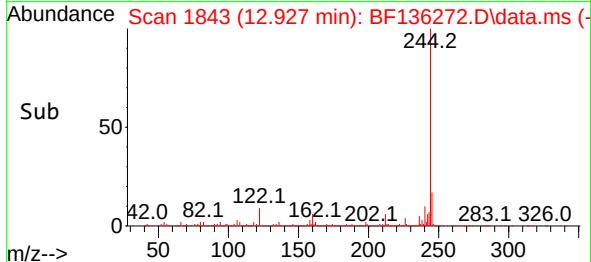
Instrument :
 BNA_F
 ClientSampleId :
 HD-01-112723MSD



Tgt Ion:244 Resp: 214400
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 9.5 7.3 10.9

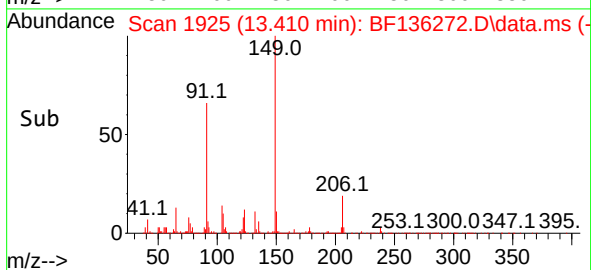
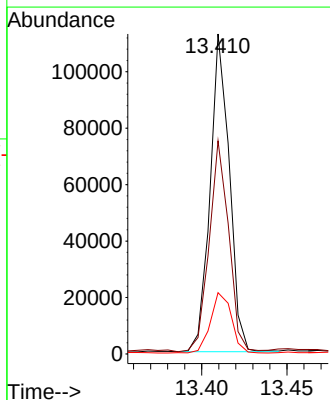
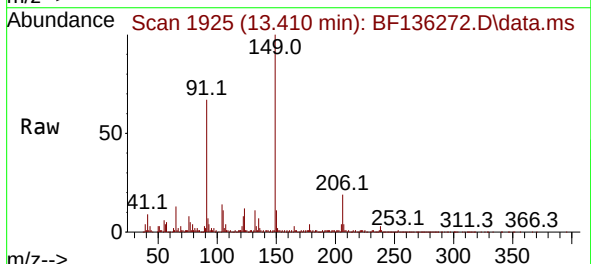
Manual Integrations
 APPROVED

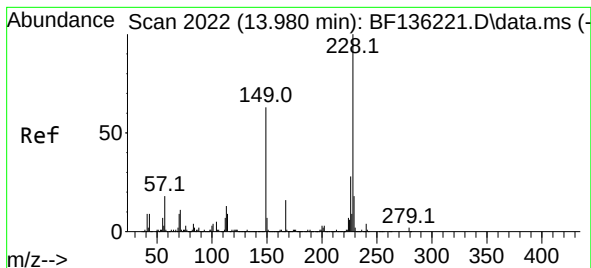
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#80
 Butylbenzylphthalate
 Concen: 11.694 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

Tgt Ion:149 Resp: 88298
 Ion Ratio Lower Upper
 149 100
 91 66.6 56.4 84.6
 206 19.2 14.8 22.2





#81

Benzo(a)anthracene

Concen: 9.891 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

Tgt Ion:228 Resp: 162760

Ion Ratio Lower Upper

228 100

226 25.9 22.6 34.0

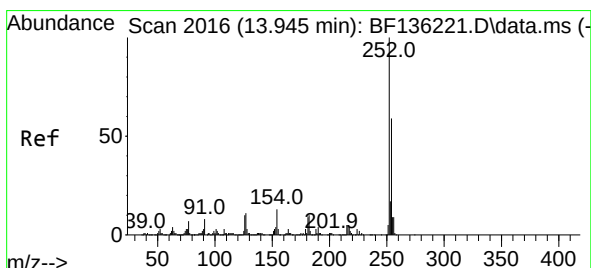
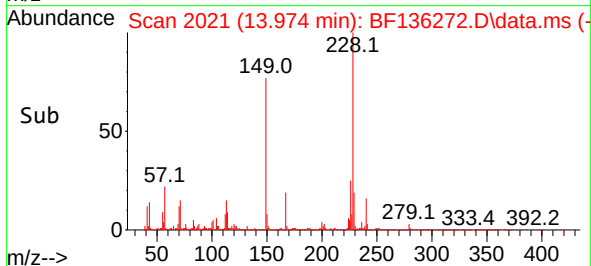
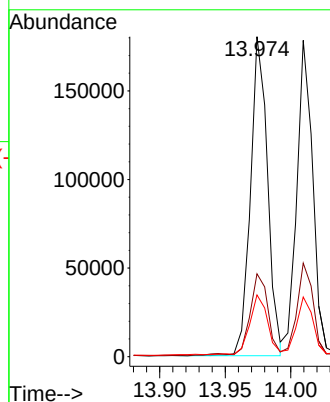
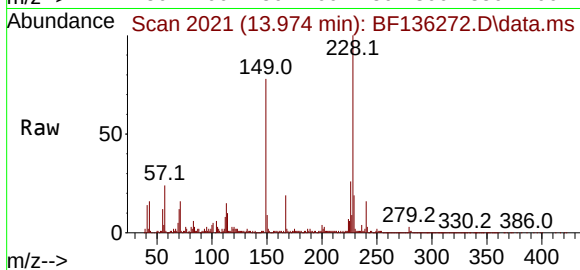
229 19.3 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#82

3,3'-Dichlorobenzidine

Concen: 10.707 ng

RT: 13.945 min Scan# 2016

Delta R.T. -0.000 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

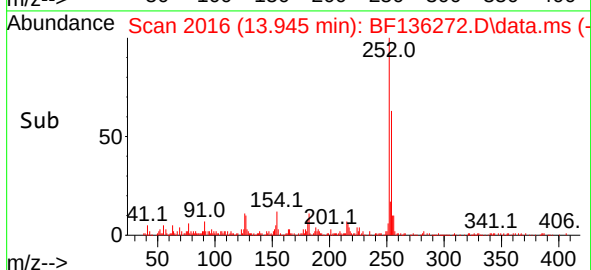
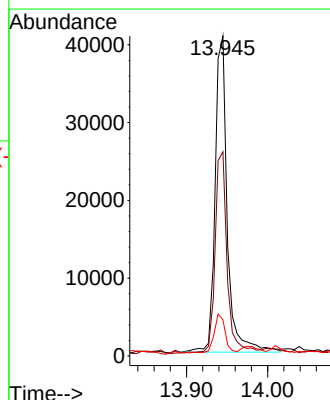
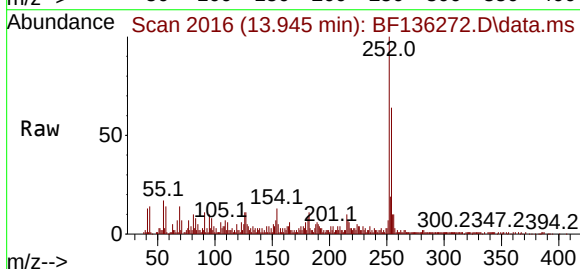
Tgt Ion:252 Resp: 42412

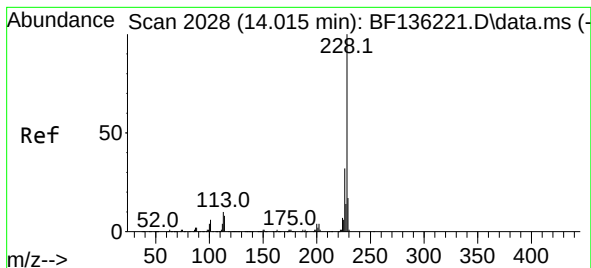
Ion Ratio Lower Upper

252 100

254 63.8 47.4 71.2

126 11.3 8.3 12.5





#83

Chrysene

Concen: 9.417 ng

RT: 14.010 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

ClientSampleId :

HD-01-112723MSD

Tgt Ion:228 Resp: 149618

Ion Ratio Lower Upper

228 100

226 29.6 25.5 38.3

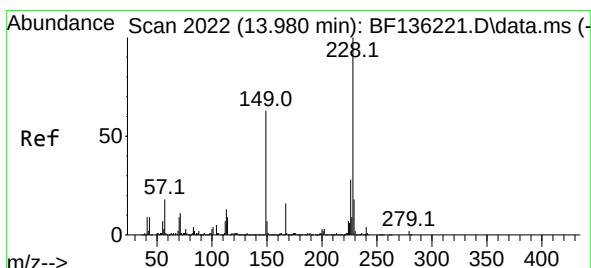
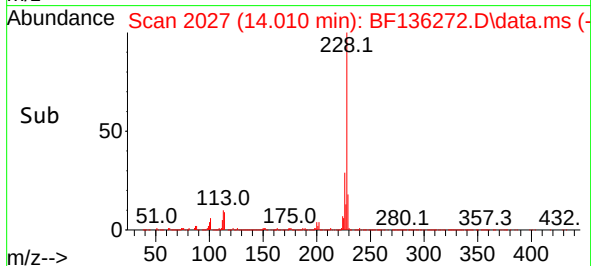
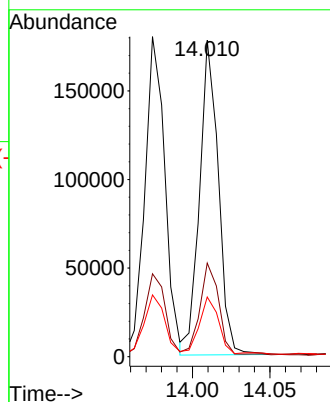
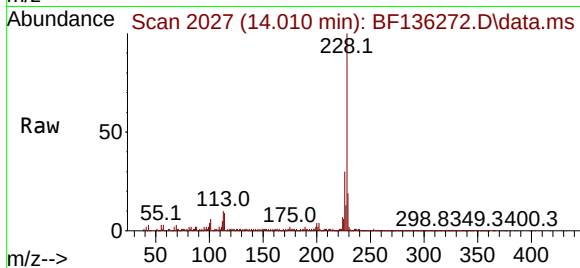
229 18.9 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 13.920 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136272.D

Acq: 29 Nov 2023 03:30

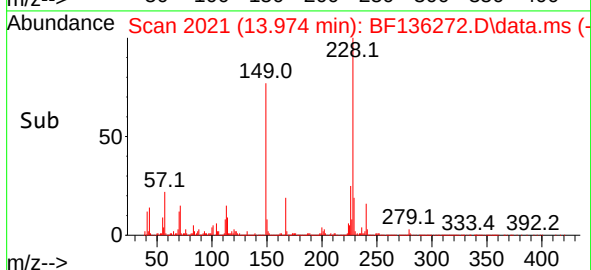
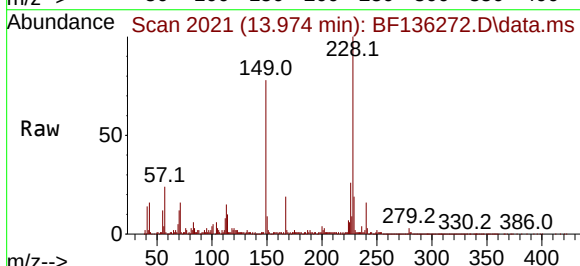
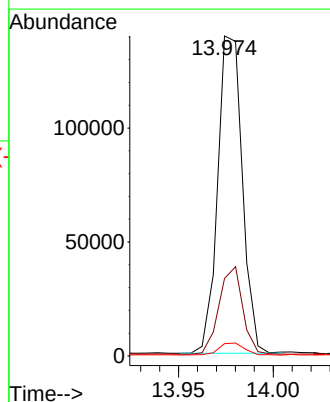
Tgt Ion:149 Resp: 126140

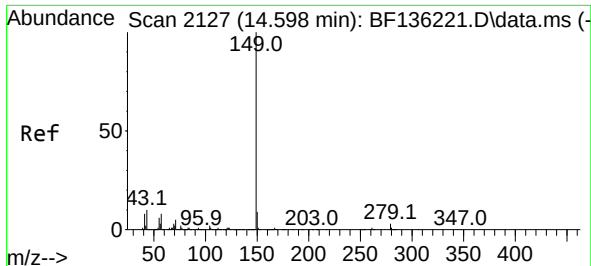
Ion Ratio Lower Upper

149 100

167 24.2 20.2 30.2

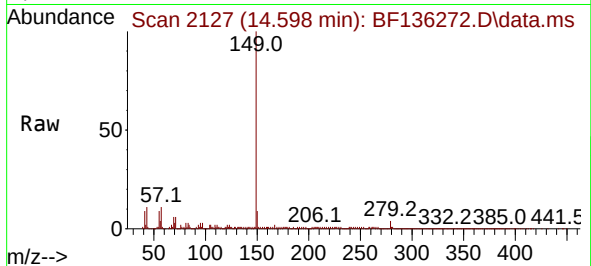
279 3.8 2.4 3.6#





#85
Di-n-octyl phthalate
Concen: 17.124 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.000 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

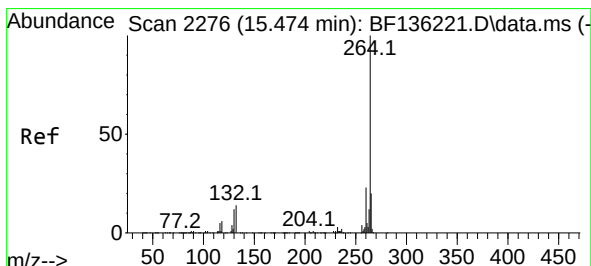
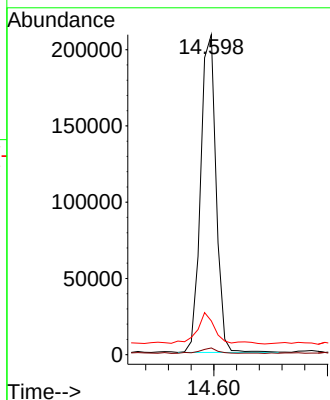
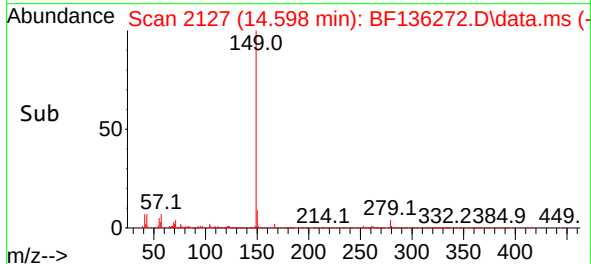
Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD



Tgt Ion:149 Resp: 197260
Ion Ratio Lower Upper
149 100
167 1.9 1.0 1.6
43 10.4 7.2 10.8

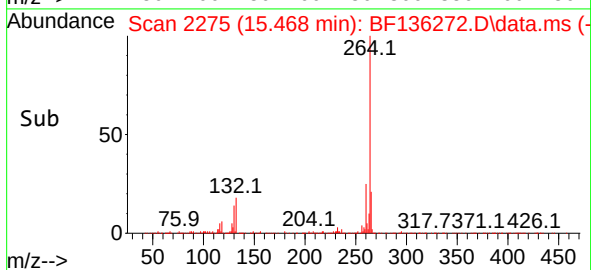
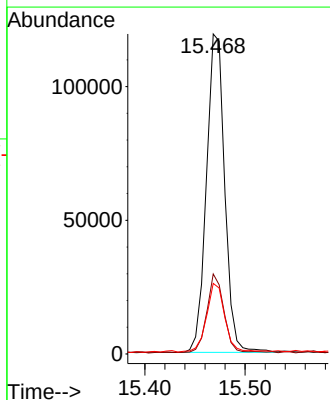
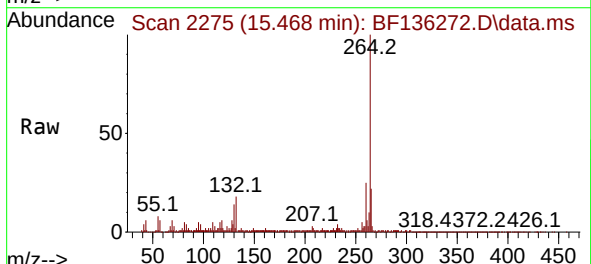
Manual Integrations
APPROVED

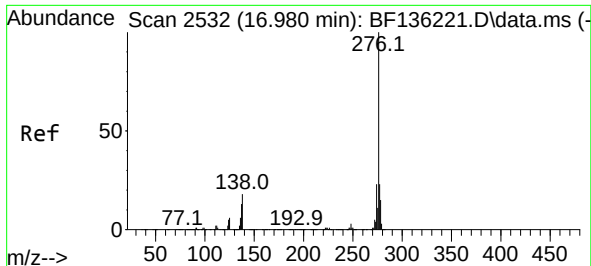
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.468 min Scan# 2275
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:264 Resp: 151362
Ion Ratio Lower Upper
264 100
260 25.0 18.6 27.8
265 22.1 15.7 23.5





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 10.419 ng
 RT: 16.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

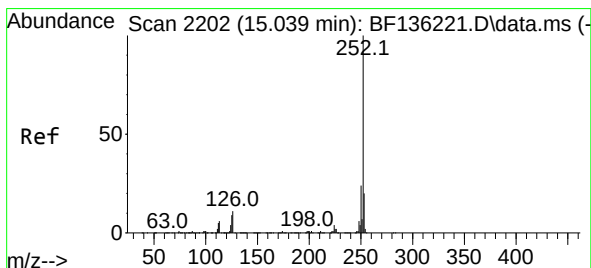
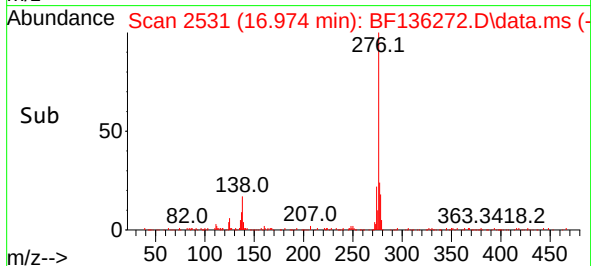
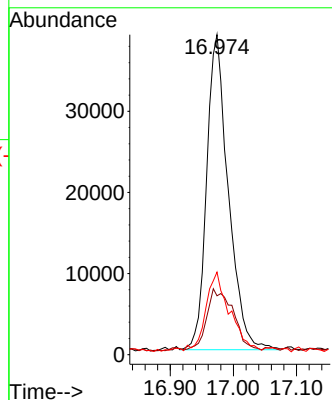
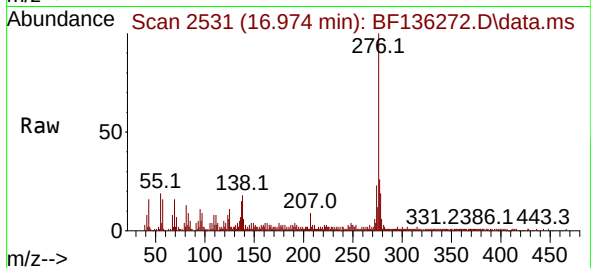
ClientSampleId :

HD-01-112723MSD

Tgt Ion:276 Resp: 92745
 Ion Ratio Lower Upper
 276 100
 138 23.8 17.7 26.5
 277 28.1 19.6 29.4

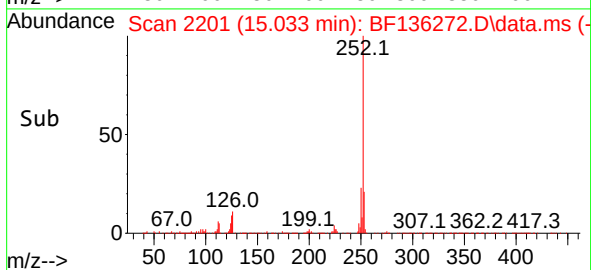
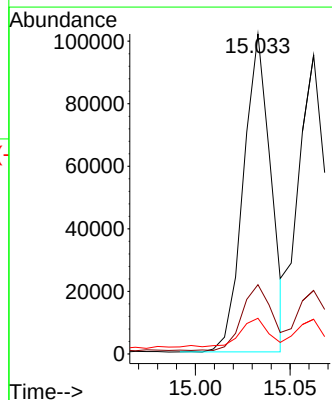
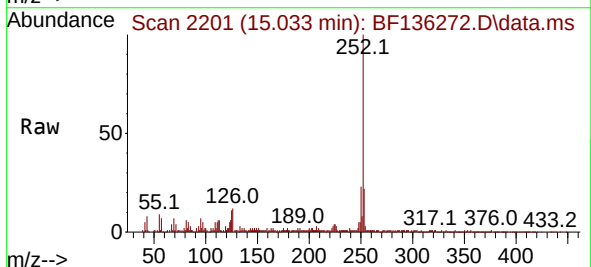
Manual Integrations
 APPROVED

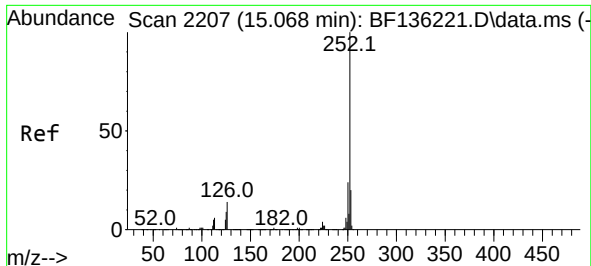
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 12/01/2023



#88
 Benzo(b)fluoranthene
 Concen: 9.616 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF136272.D
 Acq: 29 Nov 2023 03:30

Tgt Ion:252 Resp: 102116
 Ion Ratio Lower Upper
 252 100
 253 21.7 16.2 24.2
 125 11.2 6.9 10.3#





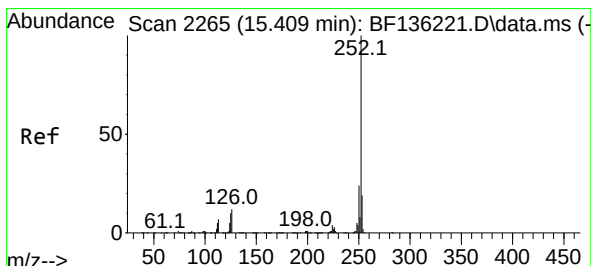
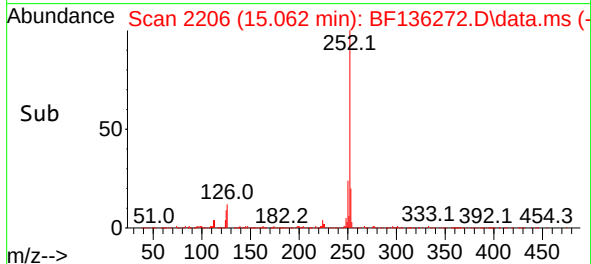
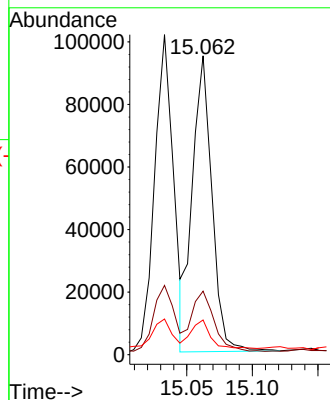
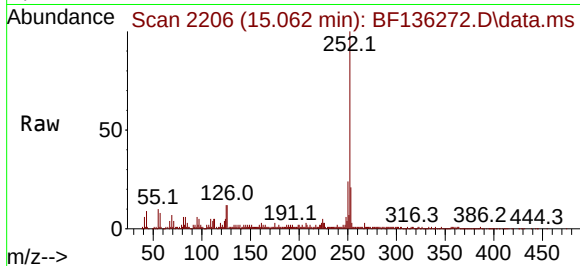
#89
Benzo(k)fluoranthene
Concen: 9.730 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :
BNA_F
ClientSampleId :
HD-01-112723MSD

Tgt Ion:252 Resp: 98134
Ion Ratio Lower Upper
252 100
253 21.3 15.6 23.4
125 11.6 7.0 10.4

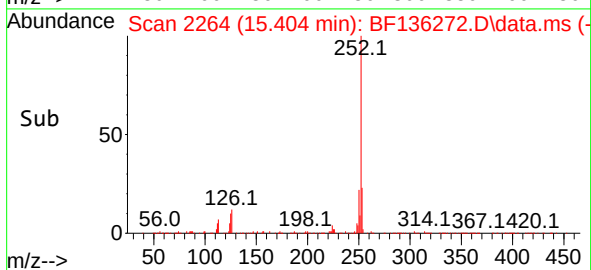
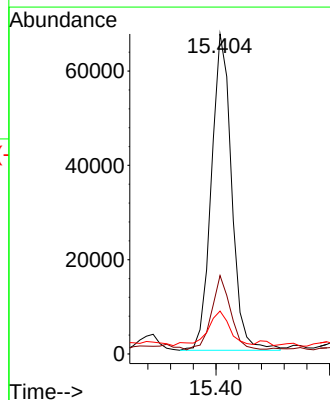
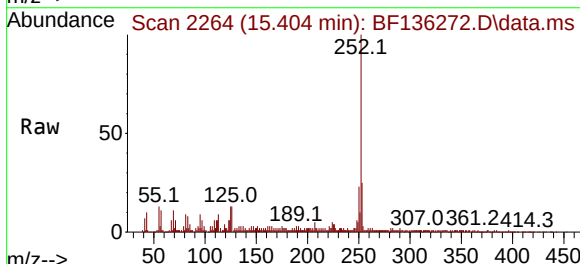
Manual Integrations
APPROVED

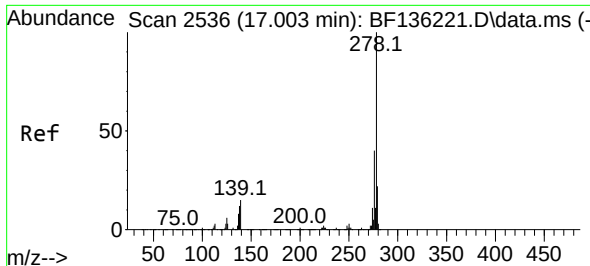
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 9.561 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:252 Resp: 82999
Ion Ratio Lower Upper
252 100
253 24.5 15.5 23.3#
125 13.4 7.9 11.9#





#91
Dibenzo(a,h)anthracene
Concen: 10.734 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Instrument :

BNA_F

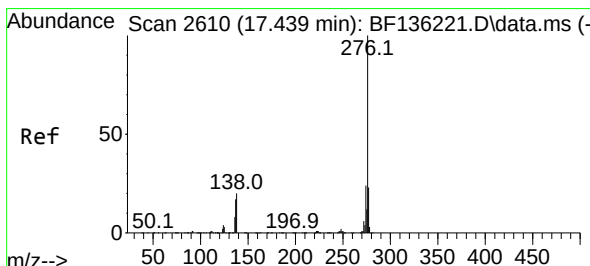
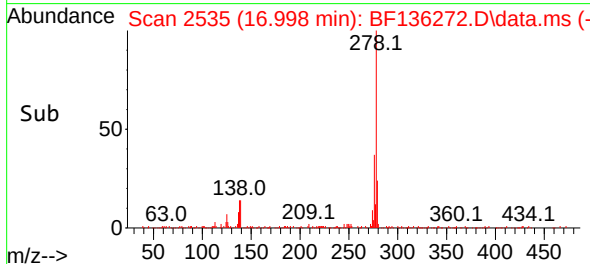
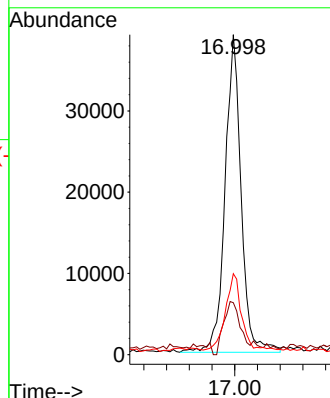
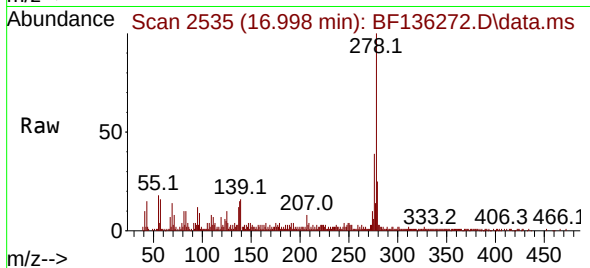
ClientSampleId :

HD-01-112723MSD

Tgt Ion:278 Resp: 77199
Ion Ratio Lower Upper
278 100
139 16.3 11.7 17.5
279 25.3 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 9.946 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136272.D
Acq: 29 Nov 2023 03:30

Tgt Ion:276 Resp: 76333
Ion Ratio Lower Upper
276 100
277 21.3 18.6 27.8
138 22.9 15.8 23.8

