

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112923\
 Data File : BF136293.D
 Acq On : 29 Nov 2023 20:18
 Operator : CG\JU
 Sample : 05311-04MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS

Quant Time: Nov 29 23:49:11 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

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	128324	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	502776	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	225758	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	332786	20.000	ng	0.00
76) Chrysene-d12	13.986	240	233835	20.000	ng	0.00
86) Perylene-d12	15.468	264	256589	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	809107	87.759	ng	0.00
7) Phenol-d6	6.445	99	986704	85.592	ng	0.00
23) Nitrobenzene-d5	7.369	82	605720	63.663	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	222125	80.478	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1110523	62.832	ng	0.00
79) Terphenyl-d14	12.927	244	930674	45.909	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.657	88	146583	42.019	ng	98
3) Pyridine	3.410	79	347645	40.370	ng	96
4) n-Nitrosodimethylamine	3.381	42	183237	42.095	ng	92
6) Aniline	6.469	93	273833	25.131	ng	98
8) 2-Chlorophenol	6.592	128	458617	45.685	ng	95
9) Benzaldehyde	6.357	77	64765	10.080	ng	96
10) Phenol	6.457	94	543226	43.923	ng	95
11) bis(2-Chloroethyl)ether	6.545	93	412422	45.456	ng	97
12) 1,3-Dichlorobenzene	6.745	146	497849	43.700	ng	97
13) 1,4-Dichlorobenzene	6.822	146	512497	44.252	ng	98
14) 1,2-Dichlorobenzene	6.975	146	473585	43.194	ng	98
15) Benzyl Alcohol	6.951	79	362670	44.871	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.081	45	560293	44.459	ng	99
17) 2-Methylphenol	7.063	107	355060	44.989	ng	99
18) Hexachloroethane	7.316	117	174848	43.042	ng	93
19) n-Nitroso-di-n-propyla...	7.222	70	307422	44.588	ng	95
20) 3+4-Methylphenols	7.216	107	438690	42.769	ng	96
22) Acetophenone	7.216	105	650929	49.296	ng	# 94
24) Nitrobenzene	7.386	77	441595	45.800	ng	98
25) Isophorone	7.628	82	820596	47.832	ng	97
26) 2-Nitrophenol	7.704	139	223265	54.347	ng	92
27) 2,4-Dimethylphenol	7.739	122	310145	57.358	ng	97
28) bis(2-Chloroethoxy)met...	7.839	93	506708	48.829	ng	98
29) 2,4-Dichlorophenol	7.939	162	350531	48.062	ng	95
30) 1,2,4-Trichlorobenzene	8.022	180	415189	46.497	ng	98
31) Naphthalene	8.104	128	1343977	47.558	ng	98
32) Benzoic acid	7.863	122	220180m	44.680	ng	
33) 4-Chloroaniline	8.151	127	63975	6.660	ng	96
34) Hexachlorobutadiene	8.222	225	234967	44.978	ng	99
35) Caprolactam	8.533	113	96650m	47.404	ng	
36) 4-Chloro-3-methylphenol	8.639	107	354275	44.788	ng	96
37) 2-Methylnaphthalene	8.798	142	793635	44.769	ng	100
38) 1-Methylnaphthalene	8.898	142	757735	43.817	ng	98
40) 1,2,4,5-Tetrachloroben...	8.963	216	384437	53.507	ng	99
41) Hexachlorocyclopentadiene	8.951	237	326089	117.952	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	236863	50.792	ng	98

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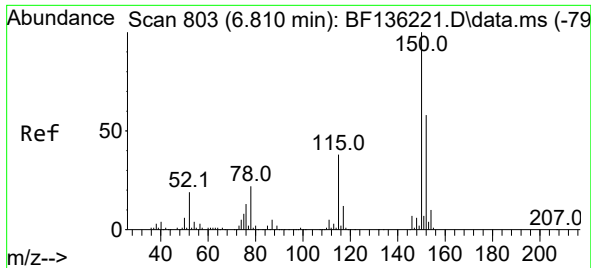
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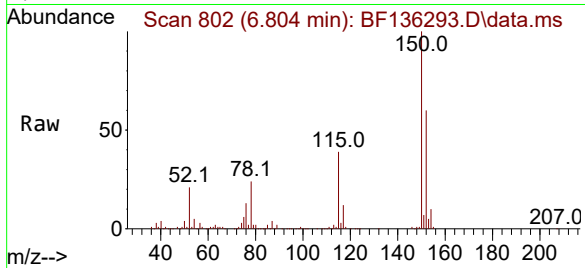
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	246508	48.438	ng	95
46) 1,1'-Biphenyl	9.263	154	1025358	51.504	ng	98
47) 2-Chloronaphthalene	9.286	162	758931	49.088	ng	98
48) 2-Nitroaniline	9.386	65	195044	48.320	ng	88
49) Acenaphthylene	9.704	152	1152389	52.231	ng	100
50) Dimethylphthalate	9.569	163	841197	49.299	ng	100
51) 2,6-Dinitrotoluene	9.628	165	168078	48.217	ng	98
52) Acenaphthene	9.875	154	663442	47.583	ng	100
53) 3-Nitroaniline	9.792	138	85209	24.635	ng	99
54) 2,4-Dinitrophenol	9.904	184	134509	82.967	ng	94
55) Dibenzofuran	10.051	168	975927	47.038	ng	98
56) 4-Nitrophenol	9.963	139	224495	85.458	ng	86
57) 2,4-Dinitrotoluene	10.033	165	208693	44.819	ng	97
58) Fluorene	10.392	166	728259	44.750	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	181700	44.873	ng	100
60) Diethylphthalate	10.269	149	782569	45.848	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	351872	44.522	ng	98
62) 4-Nitroaniline	10.410	138	130636	38.585	ng	96
63) Azobenzene	10.545	77	684675	43.269	ng	98
65) 4,6-Dinitro-2-methylph...	10.439	198	87844	48.270	ng	92
66) n-Nitrosodiphenylamine	10.504	169	614830	57.651	ng	98
67) 4-Bromophenyl-phenylether	10.874	248	208085	53.596	ng	95
68) Hexachlorobenzene	10.939	284	228590	50.872	ng	96
69) Atrazine	11.039	200	184417	58.293	ng	96
70) Pentachlorophenol	11.133	266	232857	91.677	ng	97
71) Phenanthrene	11.357	178	961222	51.391	ng	99
72) Anthracene	11.410	178	955587	50.946	ng	99
73) Carbazole	11.563	167	769793	48.254	ng	99
74) Di-n-butylphthalate	11.904	149	1037565	51.981	ng	99
75) Fluoranthene	12.551	202	921403	48.526	ng	99
77) Benzidine	12.674	184	142423	37.052	ng	99
78) Pyrene	12.780	202	944701	36.889	ng	98
80) Butylbenzylphthalate	13.410	149	377345	47.345	ng	97
81) Benzo(a)anthracene	13.974	228	847869	48.816	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	166675	39.866	ng	97
83) Chrysene	14.015	228	835161	49.801	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	532684	55.690	ng	99
85) Di-n-octyl phthalate	14.592	149	1046514	65.282	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	625527	33.473	ng	99
88) Benzo(b)fluoranthene	15.033	252	929743	51.647	ng	100
89) Benzo(k)fluoranthene	15.062	252	776281	45.403	ng	98
90) Benzo(a)pyrene	15.404	252	716542	48.691	ng	98
91) Dibenzo(a,h)anthracene	16.992	278	516741	34.384	ng	99
92) Benzo(g,h,i)perylene	17.427	276	464880	30.805	ng	99

(#) = 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: BF136293.D
 Acq: 29 Nov 2023 20:18

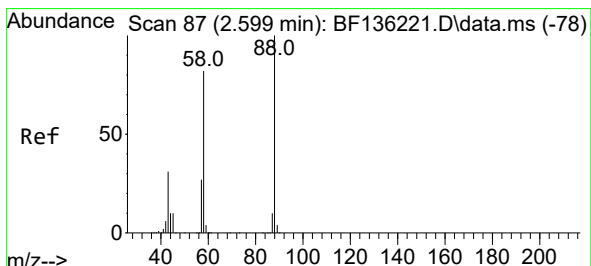
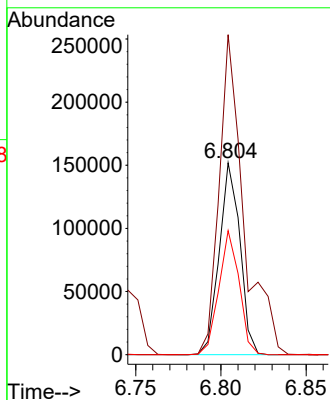
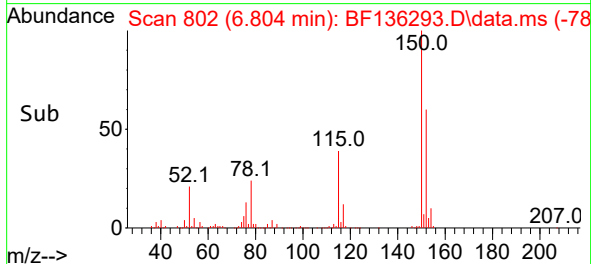
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS



Tgt Ion:152 Resp: 128324
 Ion Ratio Lower Upper
 152 100
 150 166.8 137.8 206.8
 115 64.7 52.7 79.1

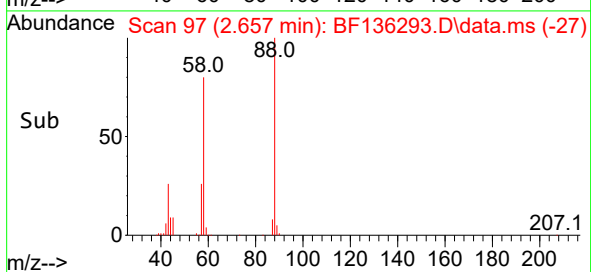
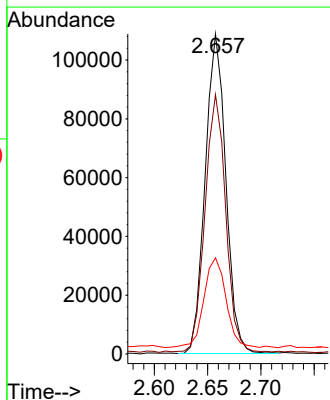
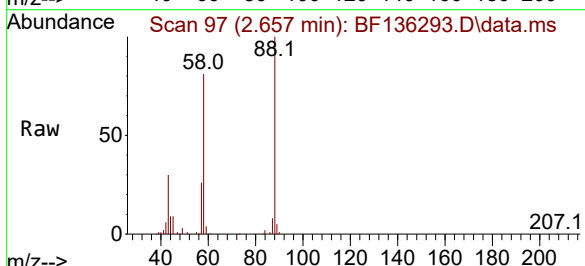
Manual Integrations
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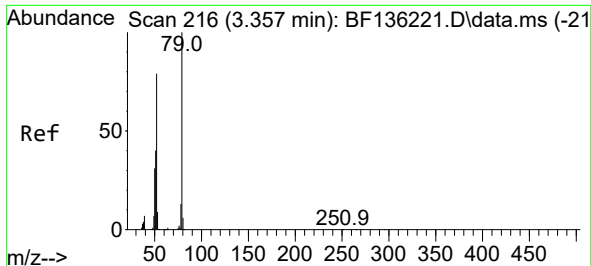
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#2
 1,4-Dioxane
 Concen: 42.019 ng
 RT: 2.657 min Scan# 97
 Delta R.T. 0.059 min
 Lab File: BF136293.D
 Acq: 29 Nov 2023 20:18

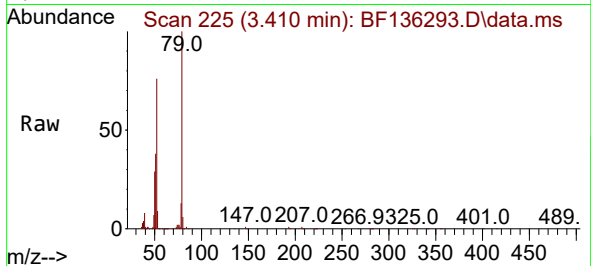
Tgt Ion: 88 Resp: 146583
 Ion Ratio Lower Upper
 88 100
 58 81.1 65.9 98.9
 43 30.0 24.8 37.2





#3
Pyridine
Concen: 40.370 ng
RT: 3.410 min Scan# 21
Delta R.T. 0.053 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

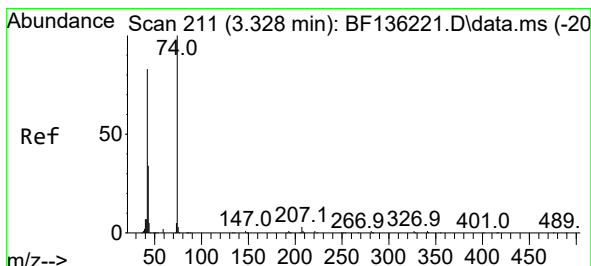
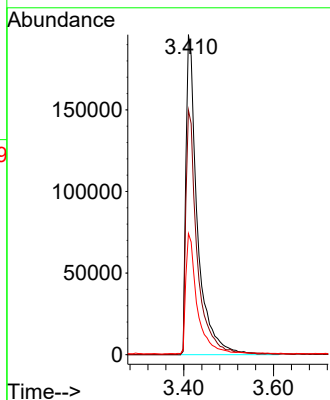
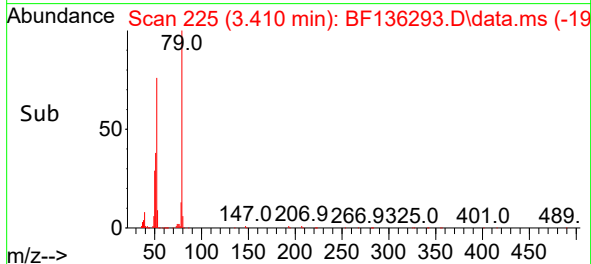
Instrument :
BNA_F
ClientSampleId :
TP-2MS



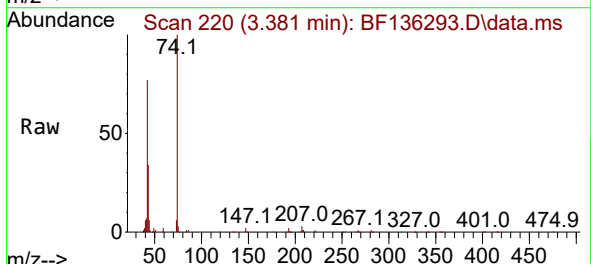
Tgt Ion: 79 Resp: 34764
Ion Ratio Lower Upper
79 100
52 76.4 63.2 94.8
51 37.8 32.6 49.0

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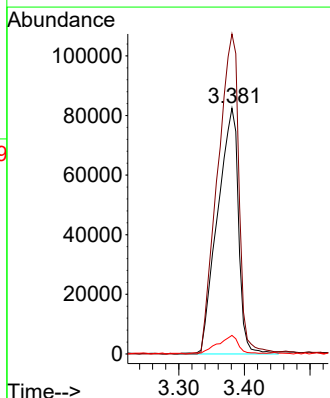
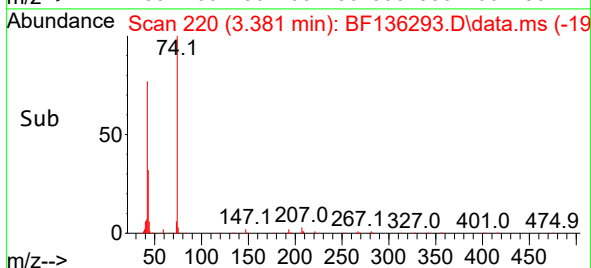
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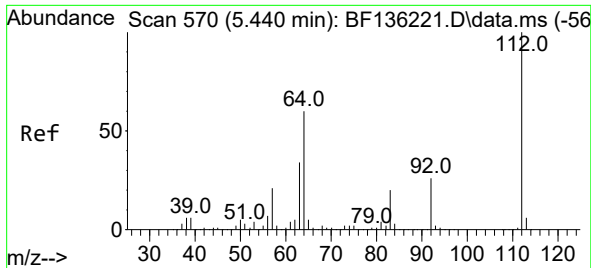


#4
n-Nitrosodimethylamine
Concen: 42.095 ng
RT: 3.381 min Scan# 220
Delta R.T. 0.053 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion: 42 Resp: 183237
Ion Ratio Lower Upper
42 100
74 130.2 96.6 144.8
44 7.6 5.4 8.2





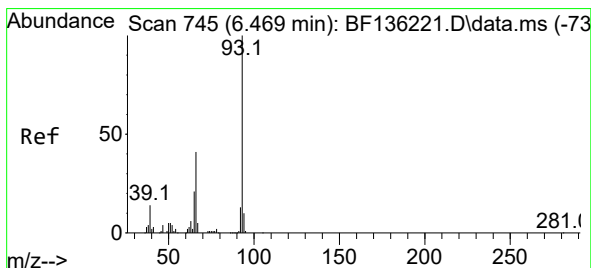
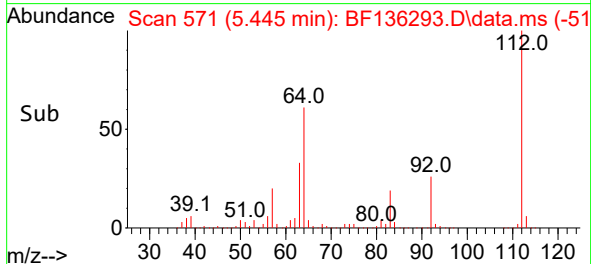
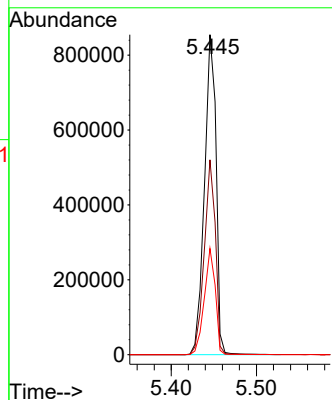
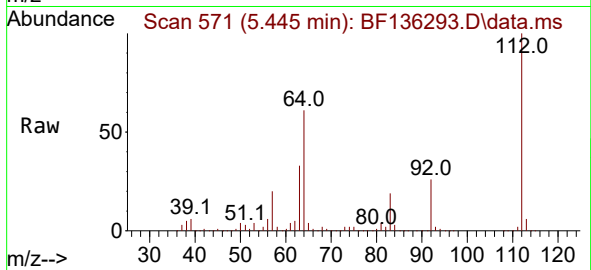
#5
2-Fluorophenol
Concen: 87.759 ng
RT: 5.445 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:112 Resp: 80910
Ion Ratio Lower Upper
112 100
64 60.9 48.2 72.4
63 33.2 27.0 40.6

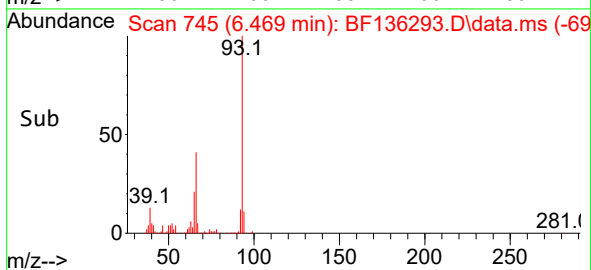
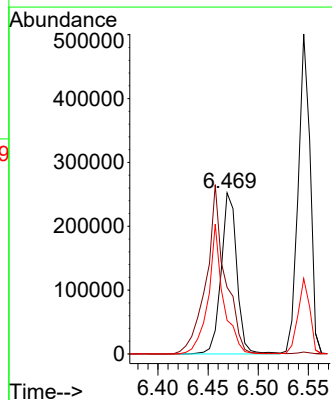
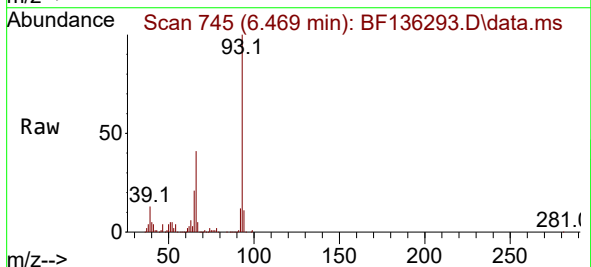
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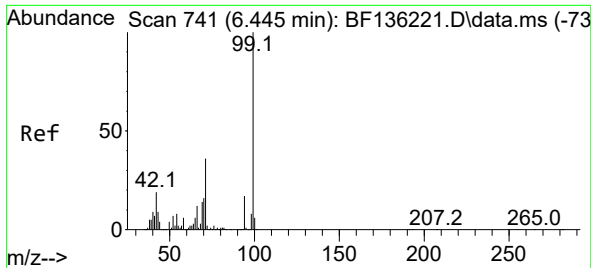
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#6
Aniline
Concen: 25.131 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion: 93 Resp: 273833
Ion Ratio Lower Upper
93 100
66 41.3 34.1 51.1
65 20.9 17.3 25.9





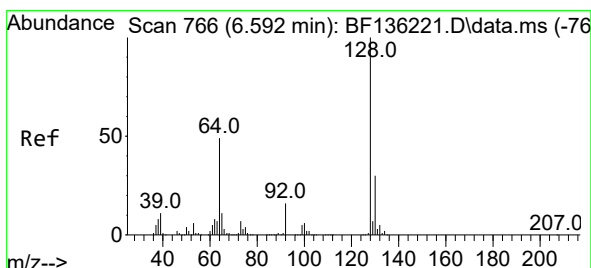
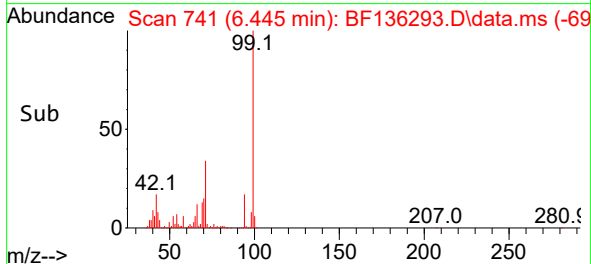
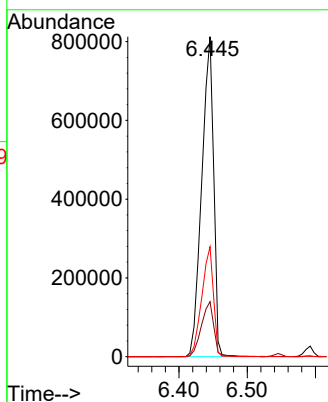
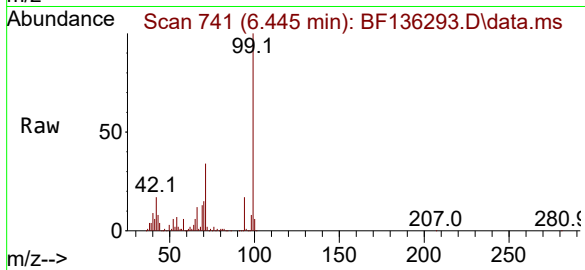
#7
Phenol-d6
Concen: 85.592 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion: 99 Resp: 986704
Ion Ratio Lower Upper
99 100
42 17.2 15.0 22.6
71 34.4 28.9 43.3

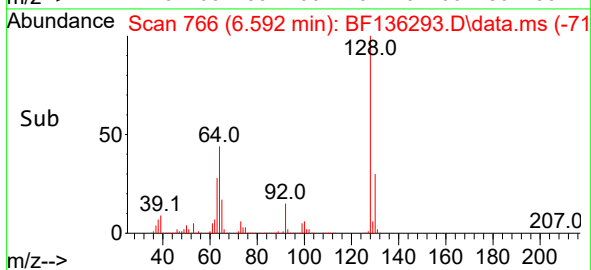
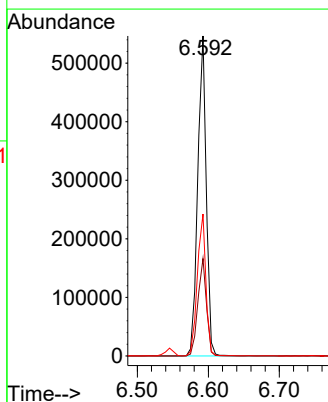
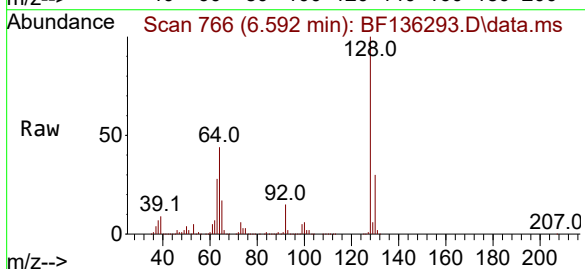
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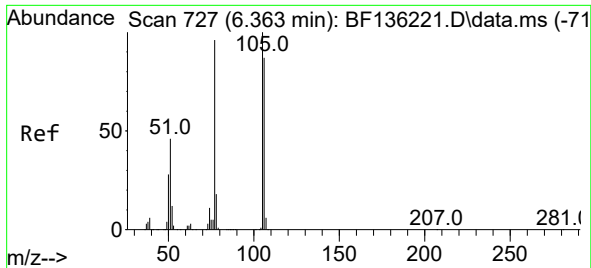
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#8
2-Chlorophenol
Concen: 45.685 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

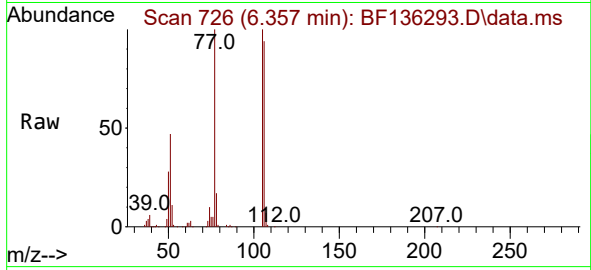
Tgt Ion:128 Resp: 458617
Ion Ratio Lower Upper
128 100
130 30.4 10.3 50.3
64 44.3 30.0 70.0





#9
Benzaldehyde
Concen: 10.080 ng
RT: 6.357 min Scan# 726
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

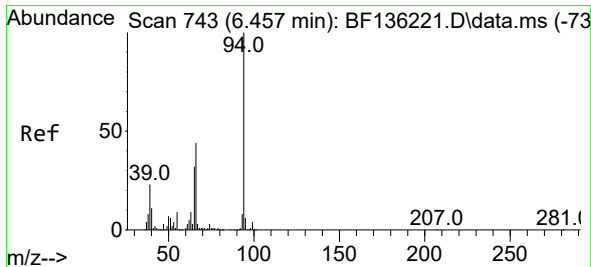
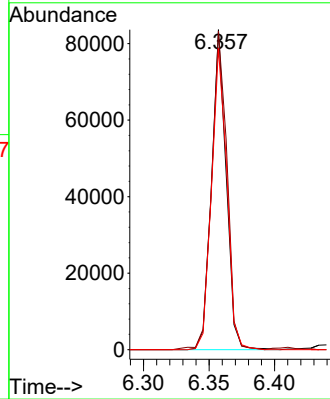
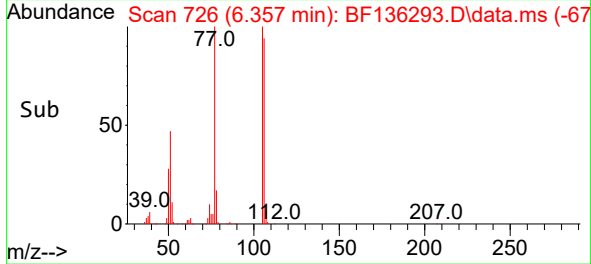
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion: 77 Resp: 6476
Ion Ratio Lower Upper
77 100
105 99.6 84.3 124.3
106 94.1 71.0 111.0

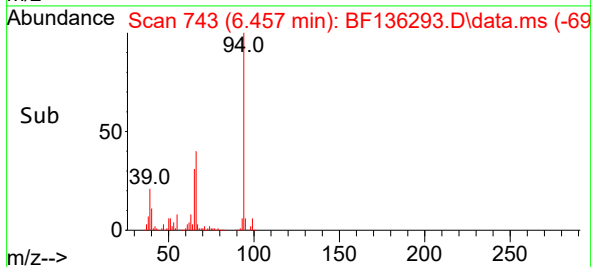
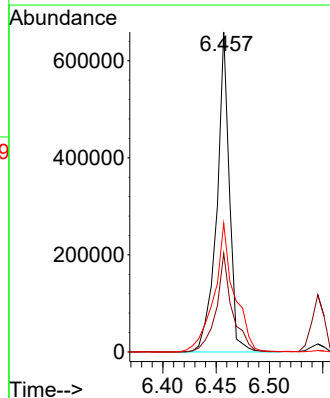
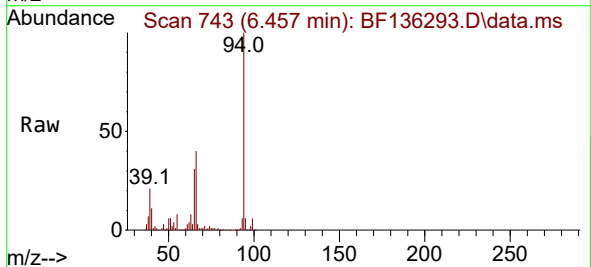
Manual Integrations
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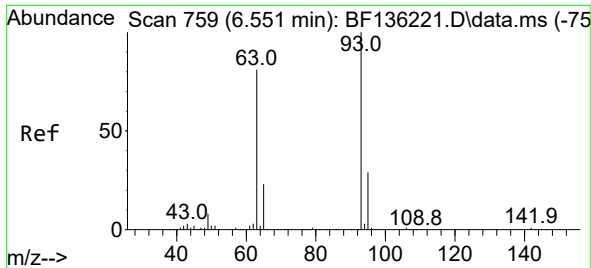
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#10
Phenol
Concen: 43.923 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion: 94 Resp: 543226
Ion Ratio Lower Upper
94 100
65 30.8 12.5 52.5
66 40.2 24.1 64.1





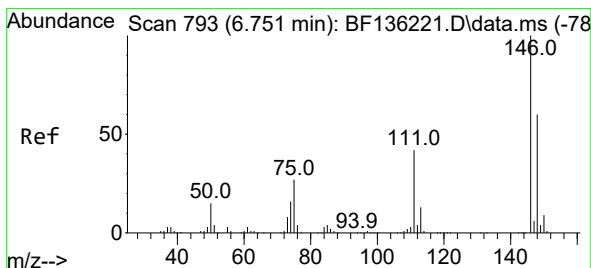
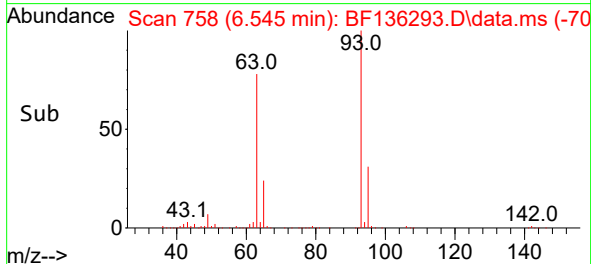
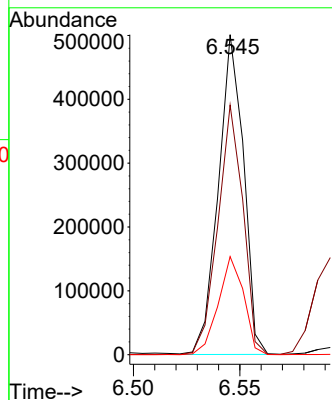
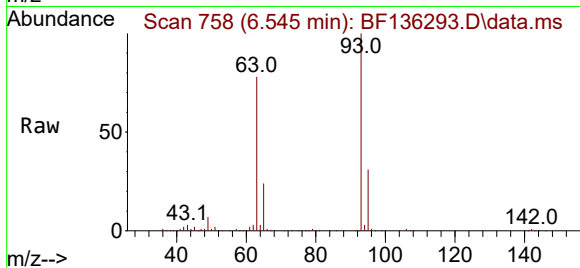
#11
bis(2-Chloroethyl)ether
Concen: 45.456 ng
RT: 6.545 min Scan# 759
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion: 93 Resp: 41242
Ion Ratio Lower Upper
93 100
63 78.0 60.2 100.2
95 30.7 9.1 49.1

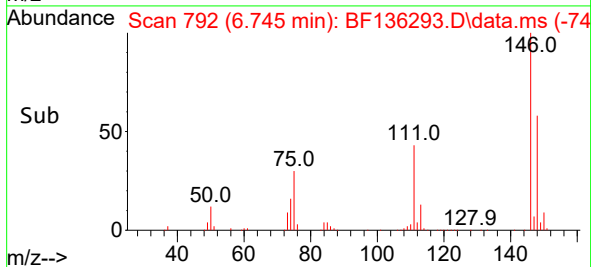
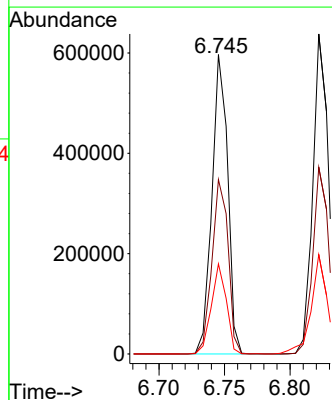
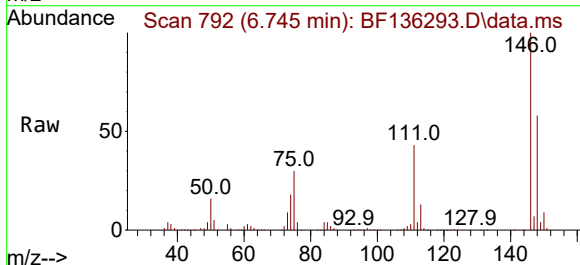
Manual Integrations
APPROVED

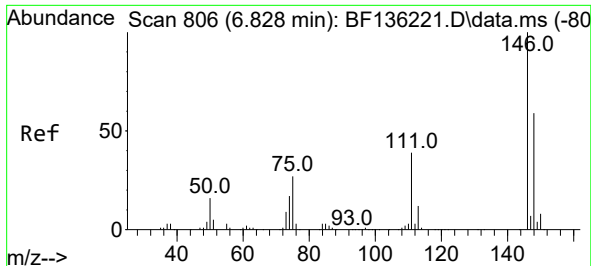
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#12
1,3-Dichlorobenzene
Concen: 43.700 ng
RT: 6.745 min Scan# 792
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion:146 Resp: 497849
Ion Ratio Lower Upper
146 100
148 58.3 47.8 71.6
75 30.1 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 44.252 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

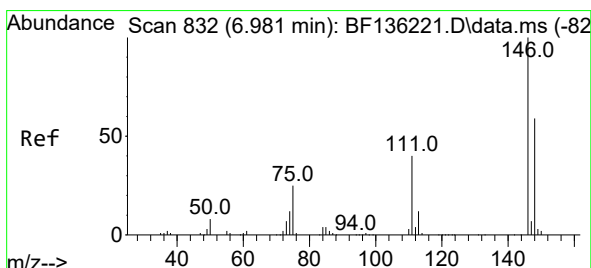
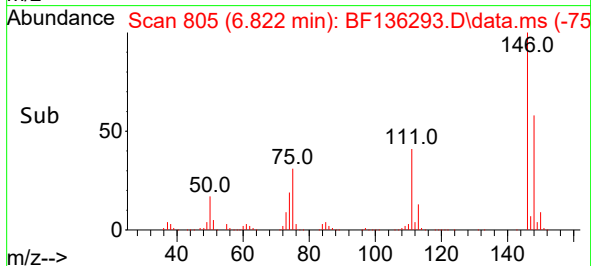
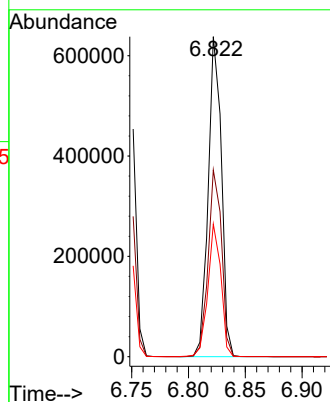
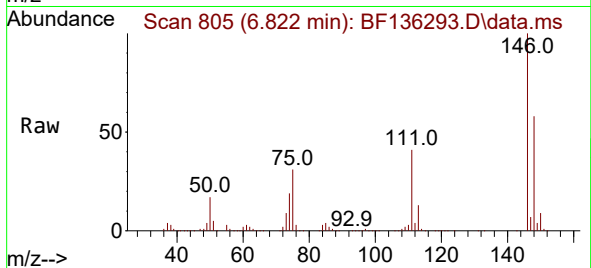
TP-2MS

Tgt Ion:146 Resp: 512497
 Ion Ratio Lower Upper
 146 100
 148 58.3 47.0 70.6
 111 41.5 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023



#14

1,2-Dichlorobenzene

Concen: 43.194 ng

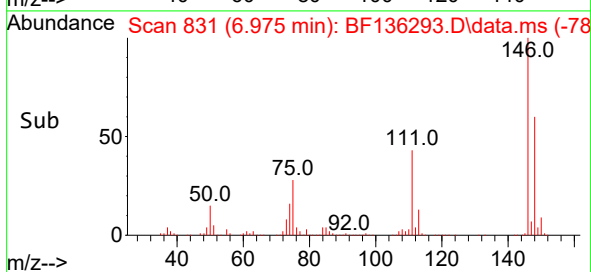
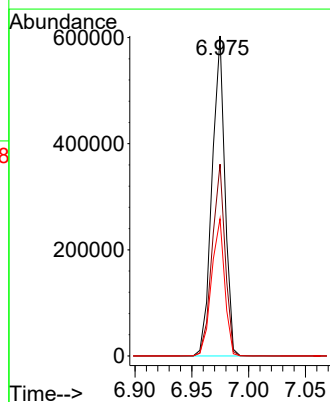
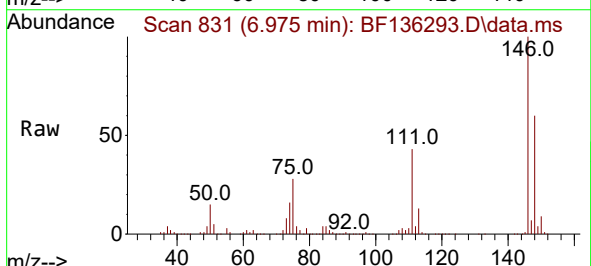
RT: 6.975 min Scan# 831

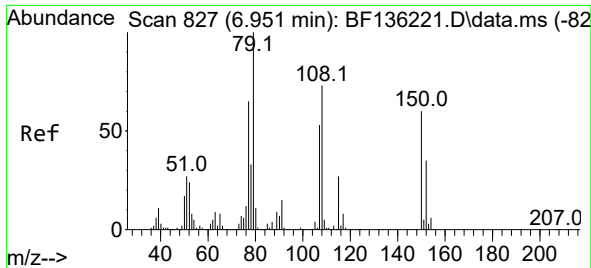
Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

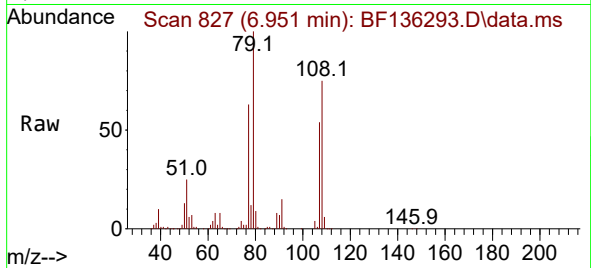
Tgt Ion:146 Resp: 473585
 Ion Ratio Lower Upper
 146 100
 148 59.9 47.3 70.9
 111 42.9 32.4 48.6





#15
Benzyl Alcohol
Concen: 44.871 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

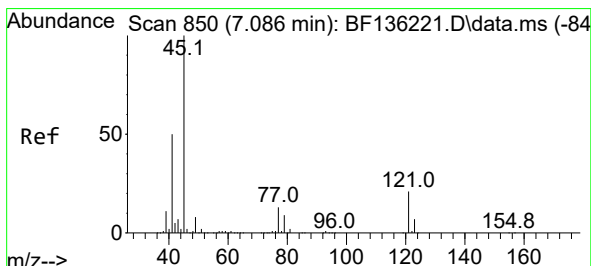
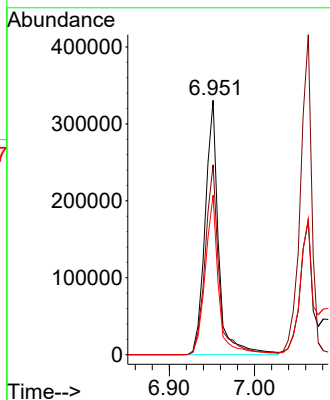
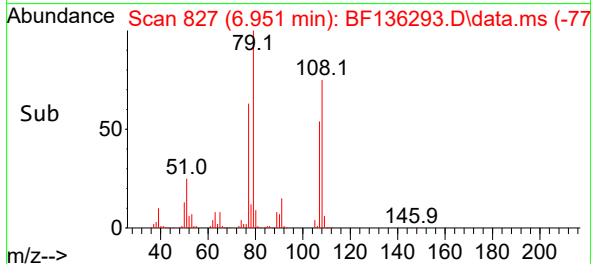
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion: 79 Resp: 362670
Ion Ratio Lower Upper
79 100
108 74.7 58.1 87.1
77 62.7 51.8 77.8

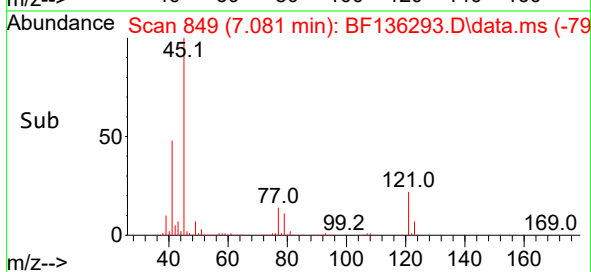
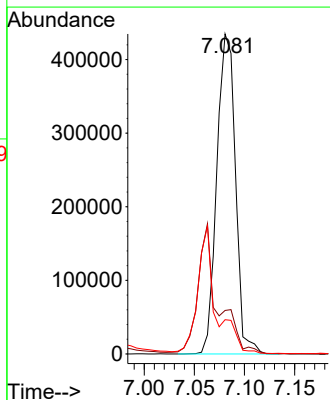
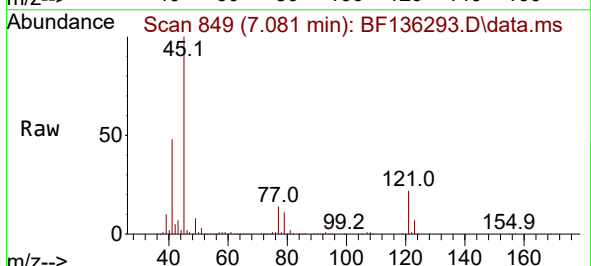
Manual Integrations
APPROVED

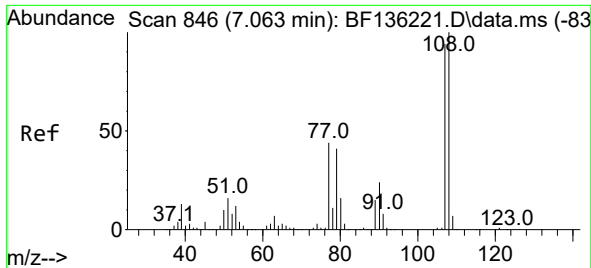
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.459 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

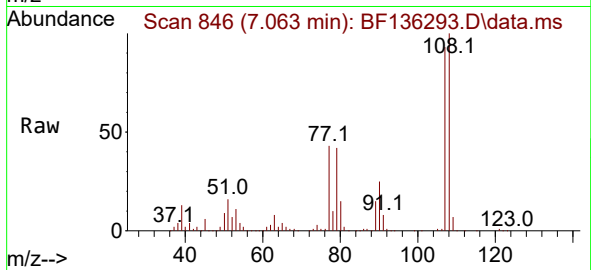
Tgt Ion: 45 Resp: 560293
Ion Ratio Lower Upper
45 100
77 13.6 0.0 34.0
79 10.7 0.0 30.1





#17
2-Methylphenol
Concen: 44.989 ng
RT: 7.063 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

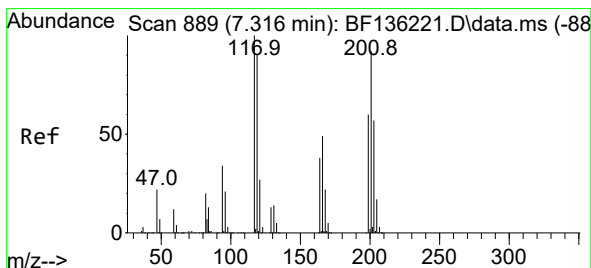
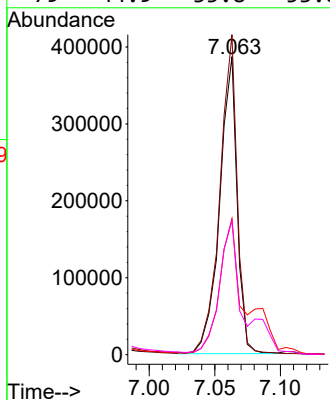
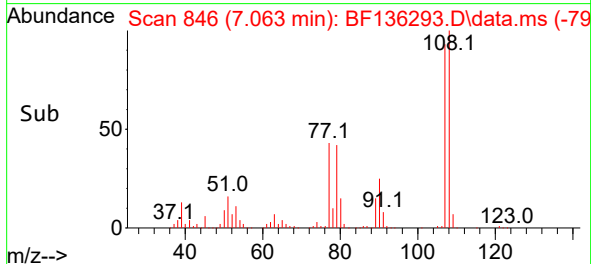
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:107 Resp: 355060
Ion Ratio Lower Upper
107 100
108 107.3 85.4 128.0
77 45.6 37.4 56.2
79 44.9 35.8 53.8

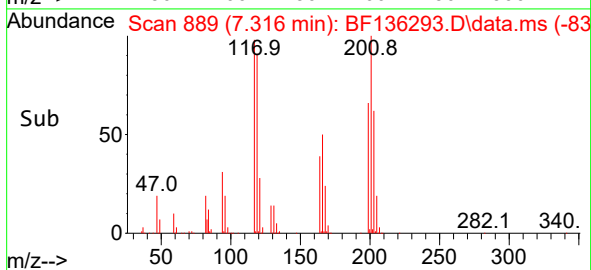
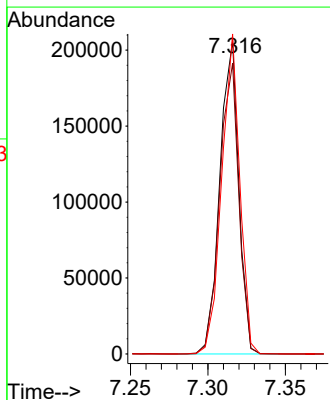
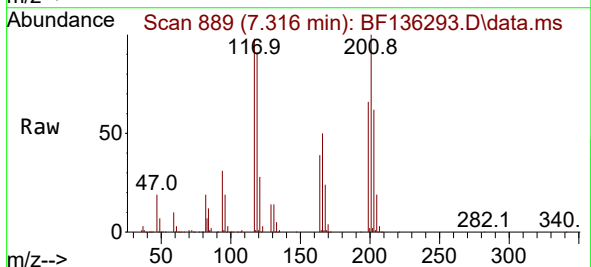
Manual Integrations
APPROVED

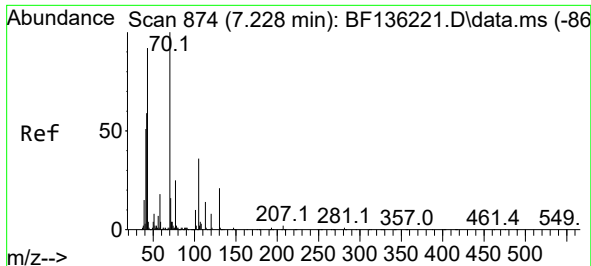
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#18
Hexachloroethane
Concen: 43.042 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

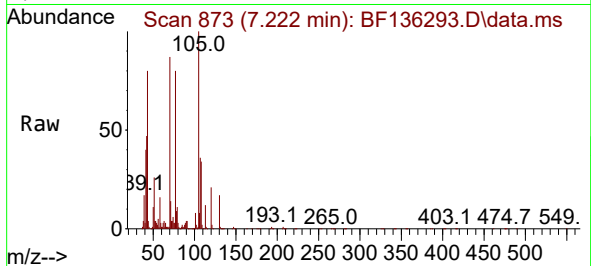
Tgt Ion:117 Resp: 174848
Ion Ratio Lower Upper
117 100
119 92.8 71.6 107.4
201 102.1 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.588 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

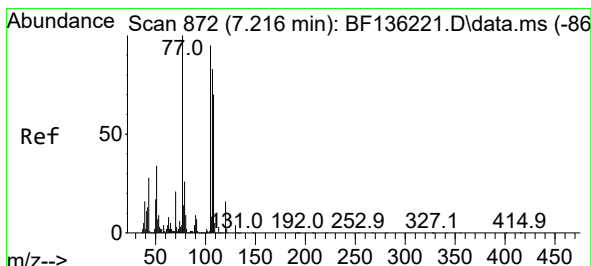
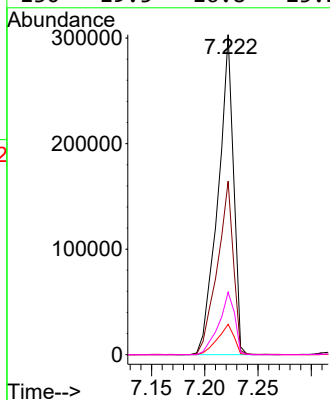
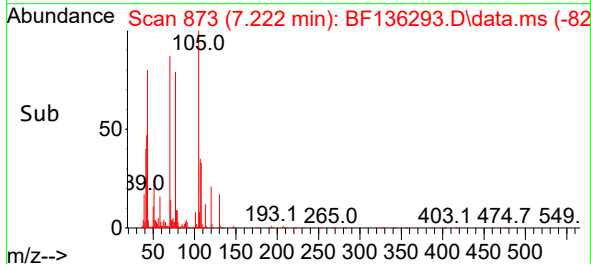
Instrument :
BNA_F
ClientSampleId :
TP-2MS



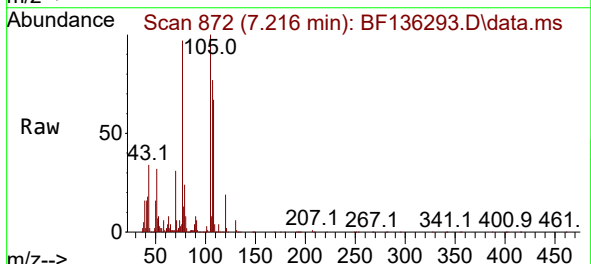
Tgt Ion: 70 Resp: 30742
Ion Ratio Lower Upper
70 100
42 54.2 47.0 70.4
101 9.5 7.8 11.8
130 19.5 16.8 25.2

Manual Integrations
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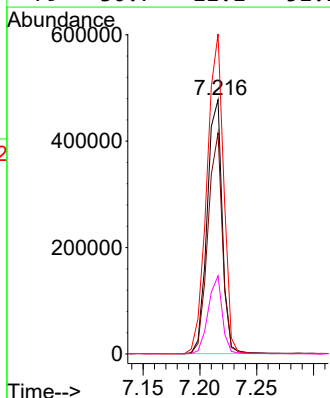
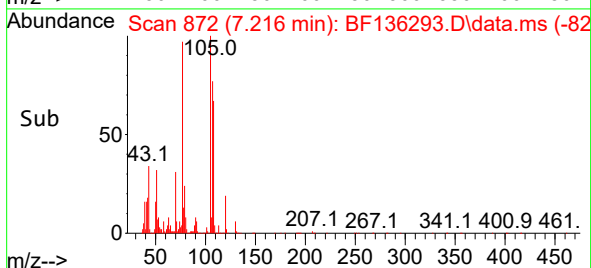
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

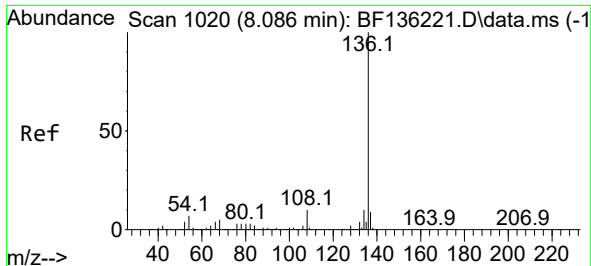


#20
3+4-Methylphenols
Concen: 42.769 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



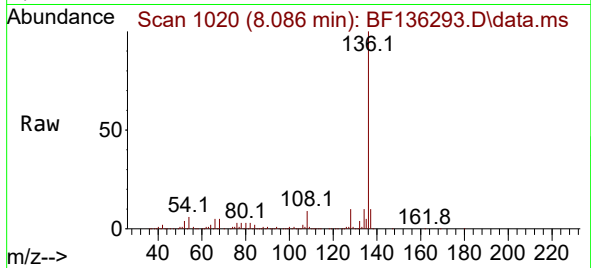
Tgt Ion:107 Resp: 438690
Ion Ratio Lower Upper
107 100
108 86.9 63.9 103.9
77 125.8 100.2 140.2
79 30.7 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

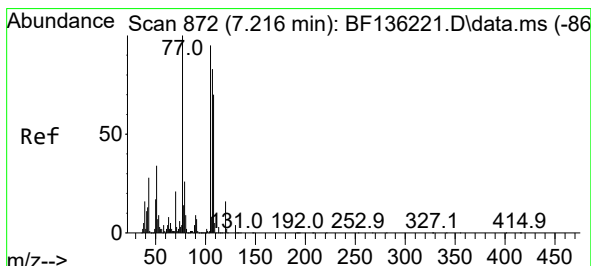
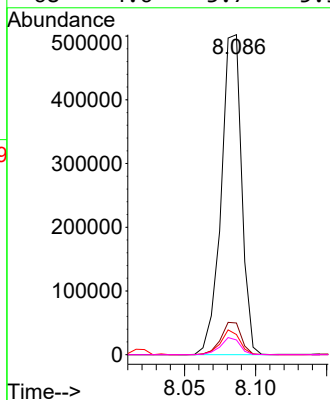
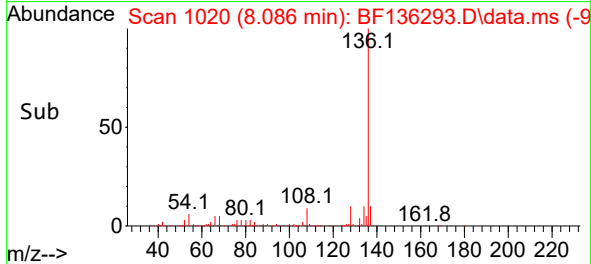
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:136 Resp: 502770
Ion Ratio Lower Upper
136 100
137 9.9 7.4 11.2
54 6.3 5.5 8.3
68 4.6 3.7 5.5

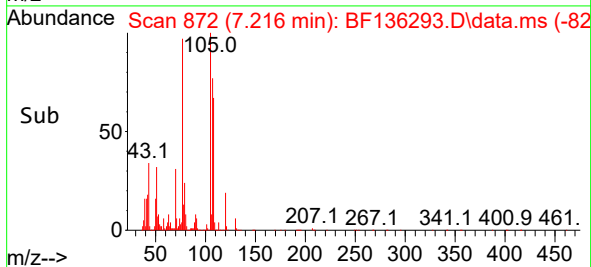
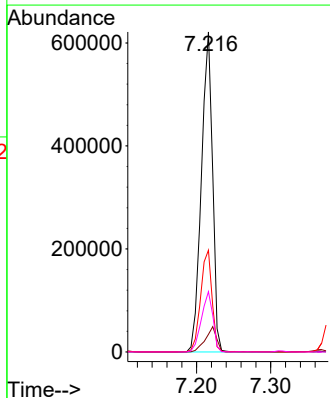
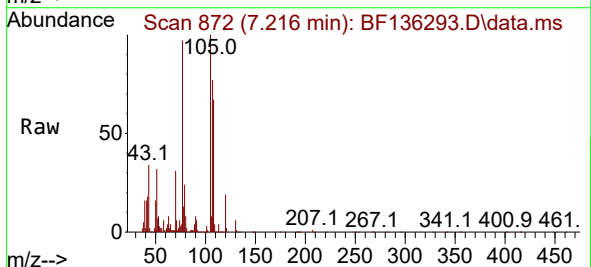
Manual Integrations
APPROVED

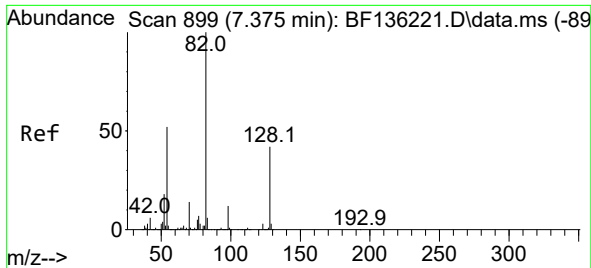
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 49.296 ng
RT: 7.216 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

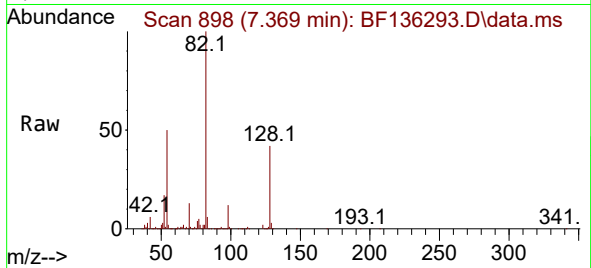
Tgt Ion:105 Resp: 650929
Ion Ratio Lower Upper
105 100
71 5.5 2.8 4.2#
51 31.8 29.0 43.6
120 18.8 13.9 20.9





#23
Nitrobenzene-d5
Concen: 63.663 ng
RT: 7.369 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

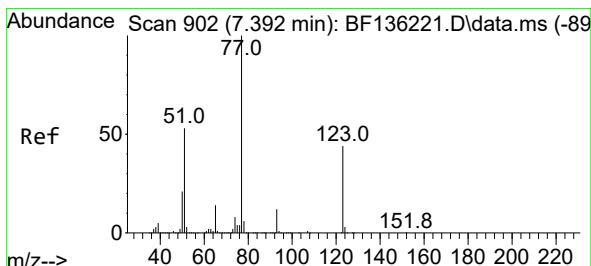
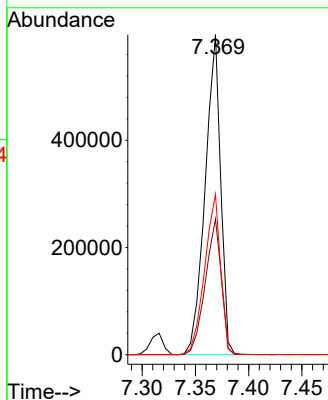
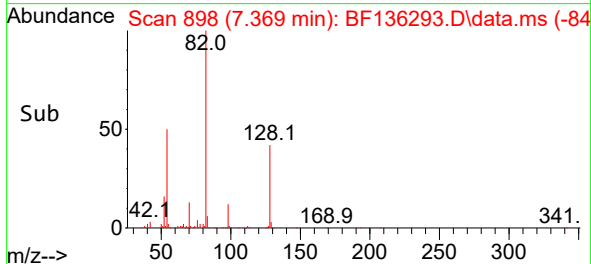
Instrument :
BNA_F
ClientSampleId :
TP-2MS



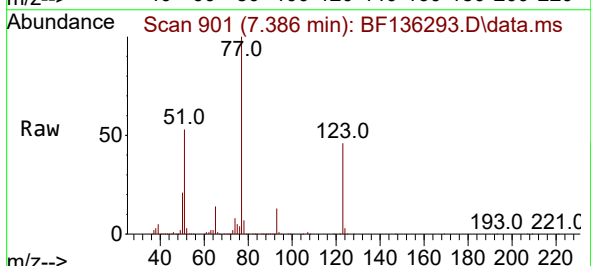
Tgt Ion: 82 Resp: 605720
Ion Ratio Lower Upper
82 100
128 42.4 33.4 50.2
54 50.1 41.7 62.5

Manual Integrations
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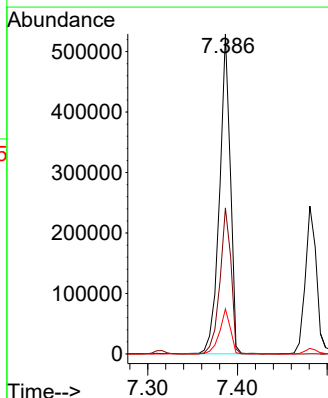
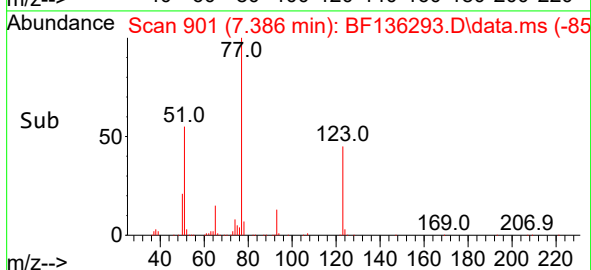
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

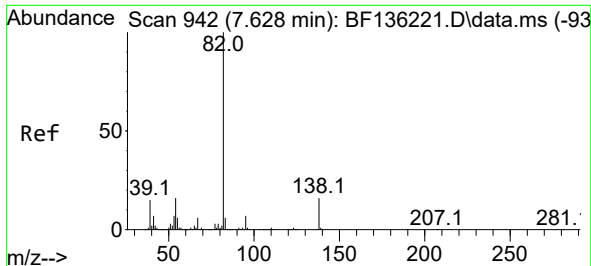


#24
Nitrobenzene
Concen: 45.800 ng
RT: 7.386 min Scan# 901
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



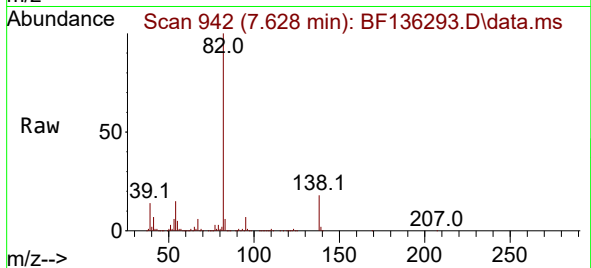
Tgt Ion: 77 Resp: 441595
Ion Ratio Lower Upper
77 100
123 45.7 35.4 53.2
65 14.0 11.0 16.6





#25
Isophorone
Concen: 47.832 ng
RT: 7.628 min Scan# 942
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

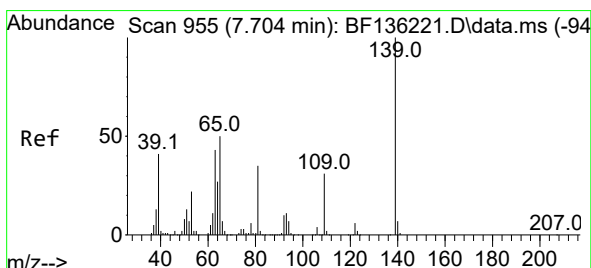
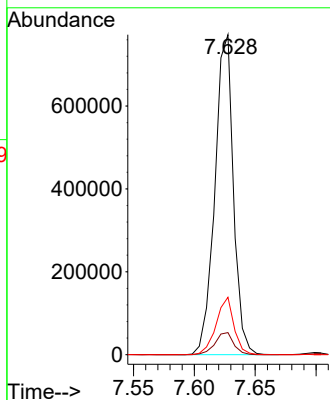
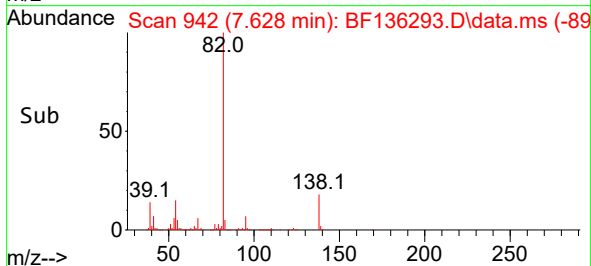
Instrument :
BNA_F
ClientSampleId :
TP-2MS



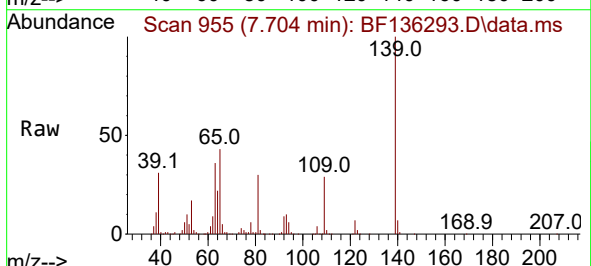
Tgt Ion: 82 Resp: 820590
Ion Ratio Lower Upper
82 100
95 6.9 5.5 8.3
138 18.0 12.8 19.2

Manual Integrations
APPROVED

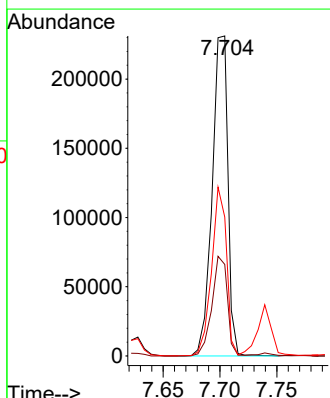
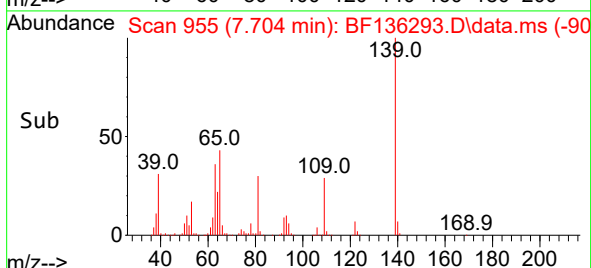
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

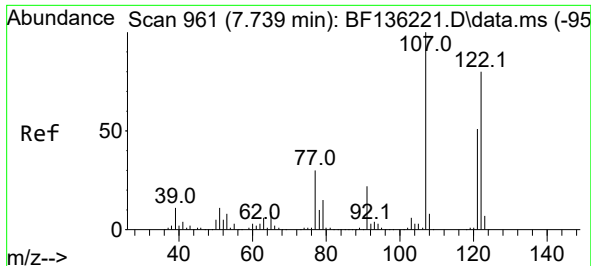


#26
2-Nitrophenol
Concen: 54.347 ng
RT: 7.704 min Scan# 955
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion:139 Resp: 223265
Ion Ratio Lower Upper
139 100
109 28.6 25.0 37.6
65 43.4 40.4 60.6





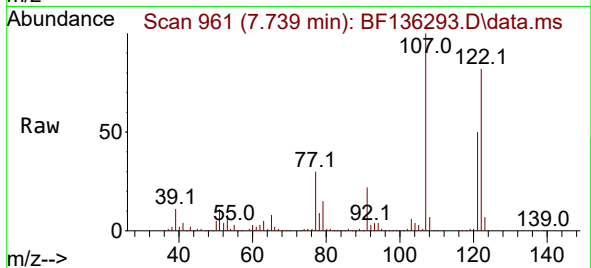
#27
2,4-Dimethylphenol
Concen: 57.358 ng
RT: 7.739 min Scan# 961
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS

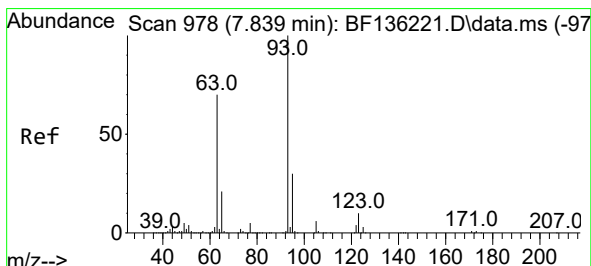
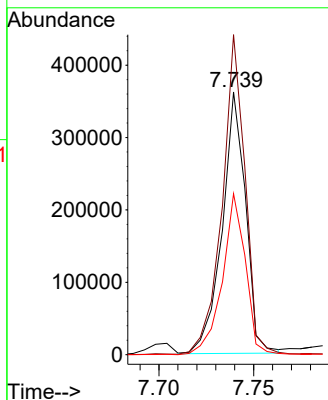
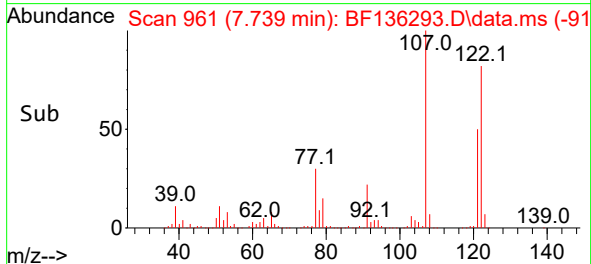


Tgt Ion:122 Resp: 310145
Ion Ratio Lower Upper
122 100
107 121.8 100.0 150.0
121 61.3 50.7 76.1

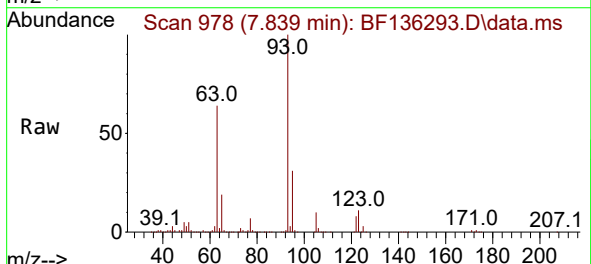
Manual Integrations

APPROVED

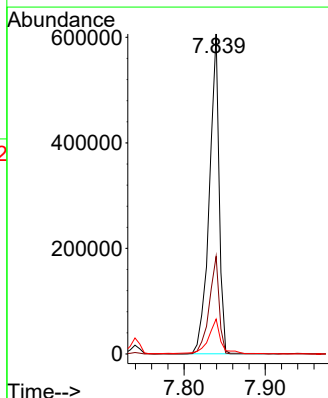
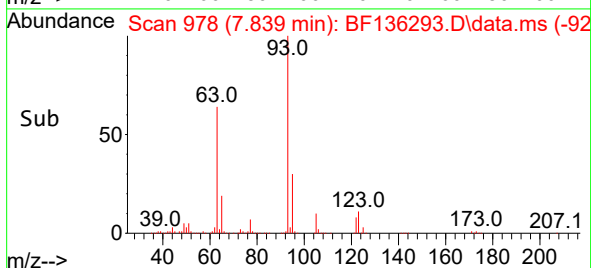
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

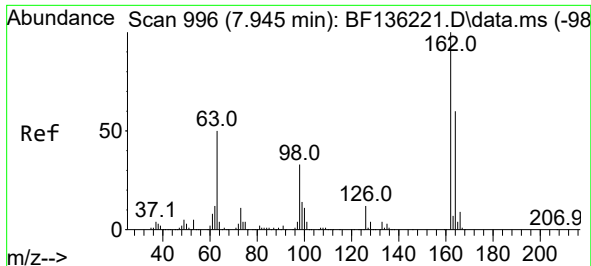


#28
bis(2-Chloroethoxy)methane
Concen: 48.829 ng
RT: 7.839 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion: 93 Resp: 506708
Ion Ratio Lower Upper
93 100
95 30.5 23.8 35.6
123 10.9 8.2 12.4





#29

2,4-Dichlorophenol

Concen: 48.062 ng

RT: 7.939 min Scan# 995

Delta R.T. -0.006 min

Lab File: BF136293.D

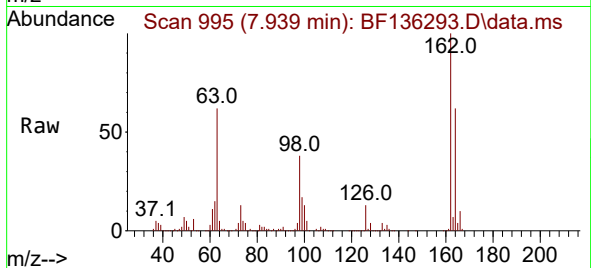
Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS



Tgt Ion:162 Resp: 35053

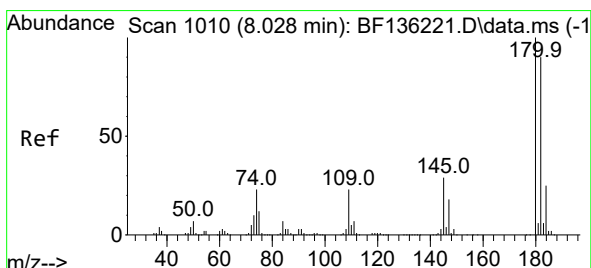
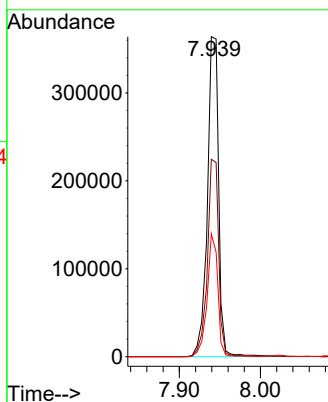
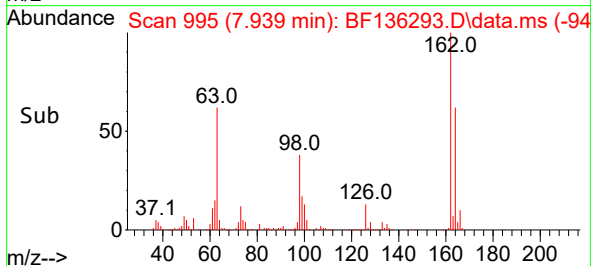
Ion	Ratio	Lower	Upper
162	100		
164	61.7	40.3	80.3
98	38.4	13.0	53.0

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.497 ng

RT: 8.022 min Scan# 1009

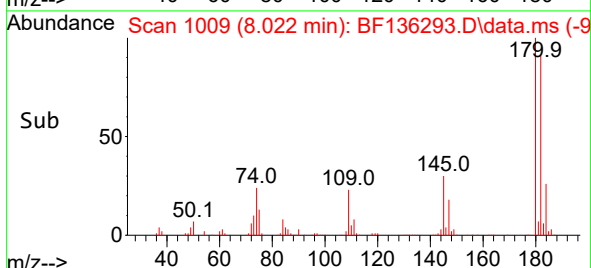
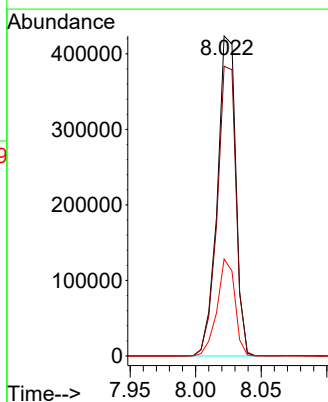
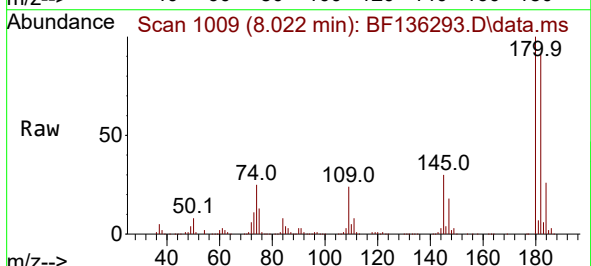
Delta R.T. -0.006 min

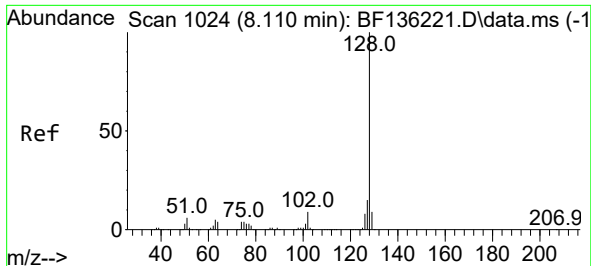
Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Tgt Ion:180 Resp: 415189

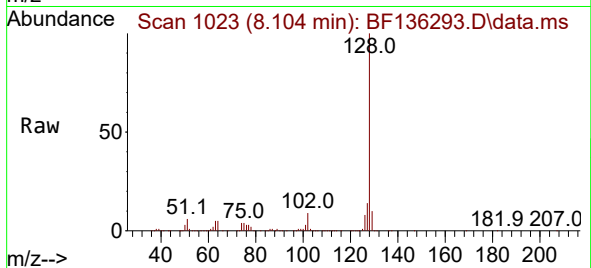
Ion	Ratio	Lower	Upper
180	100		
182	90.6	71.6	107.4
145	30.3	23.0	34.4





#31
Naphthalene
Concen: 47.558 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

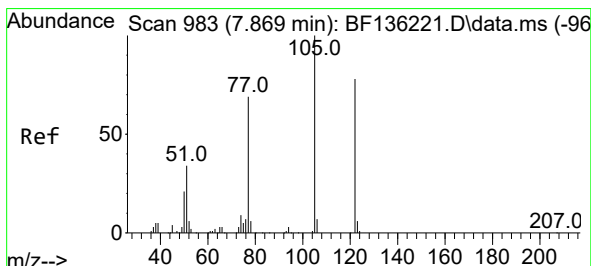
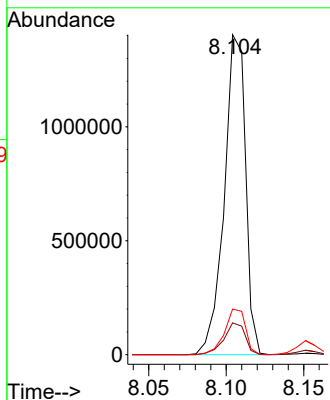
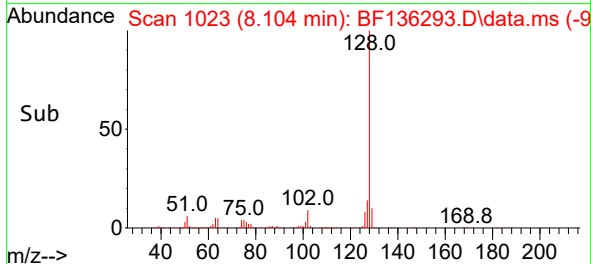
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:128 Resp: 134397
Ion Ratio Lower Upper
128 100
129 10.0 7.3 10.9
127 14.2 11.8 17.6

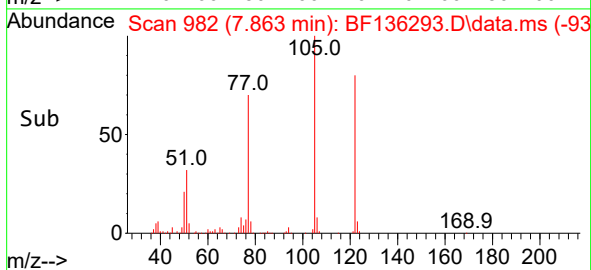
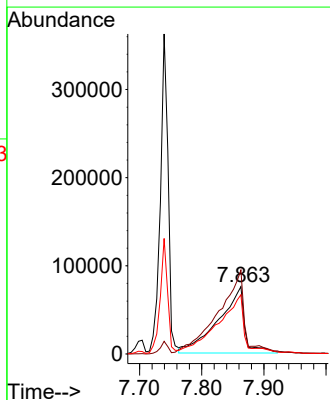
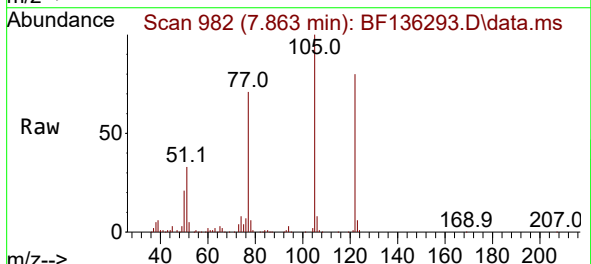
Manual Integrations
APPROVED

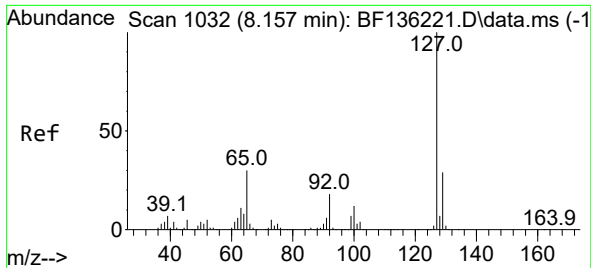
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 44.680 ng m
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion:122 Resp: 220180
Ion Ratio Lower Upper
122 100
105 124.4 103.7 143.7
77 88.0 66.8 106.8





#33

4-Chloroaniline

Concen: 6.660 ng

RT: 8.151 min Scan# 1031

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS

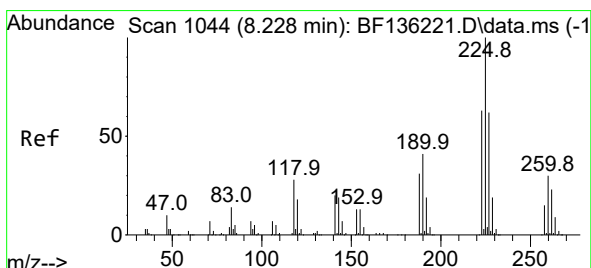
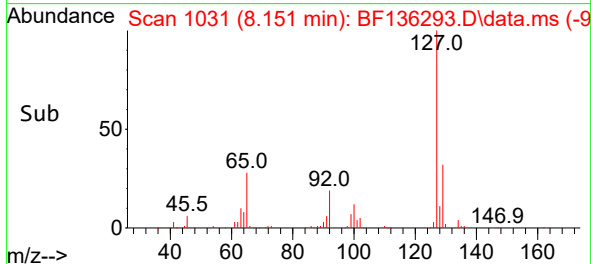
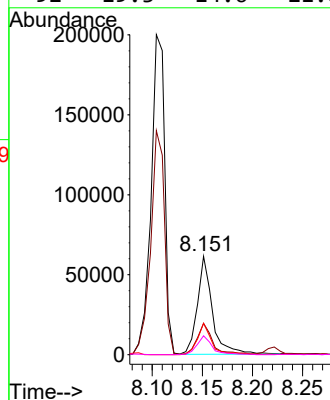
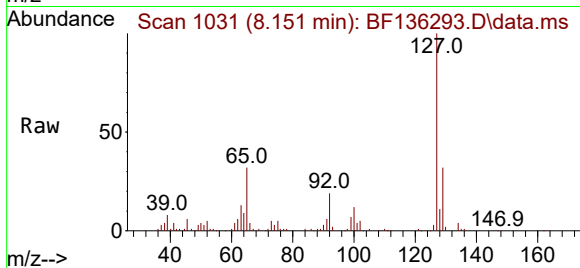
Tgt Ion:	127	Resp:	6397
Ion Ratio	Lower	Upper	
127	100		
129	31.8	23.4	35.2
65	31.9	23.8	35.6
92	19.3	14.6	21.8

Manual Integrations

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Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#34

Hexachlorobutadiene

Concen: 44.978 ng

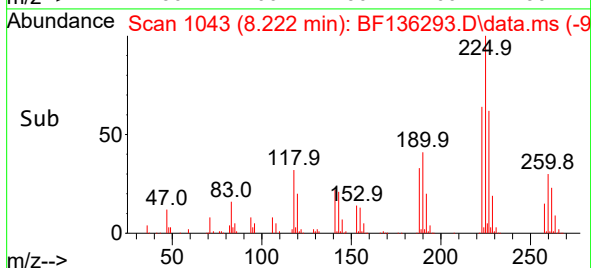
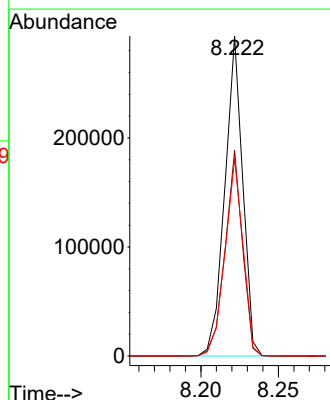
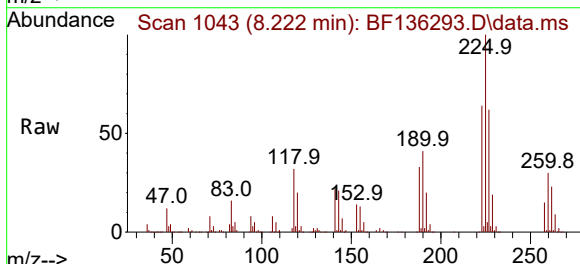
RT: 8.222 min Scan# 1043

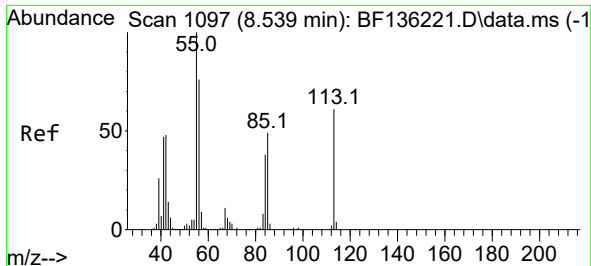
Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

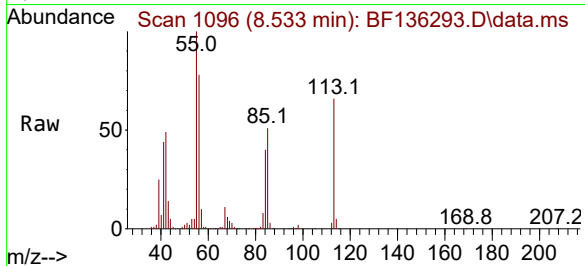
Tgt Ion:	225	Resp:	234967
Ion Ratio	Lower	Upper	
225	100		
223	64.2	50.6	75.8
227	61.7	49.6	74.4





#35
Caprolactam
Concen: 47.404 ng m
RT: 8.533 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

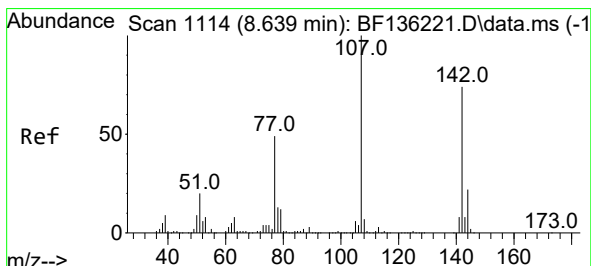
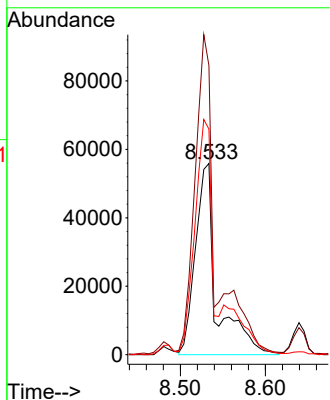
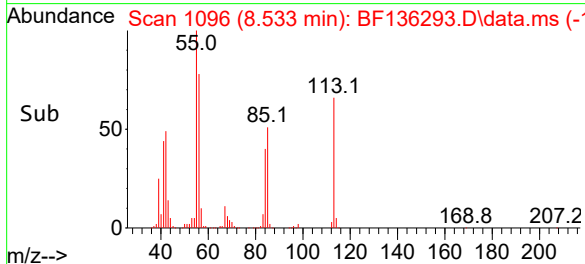
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:113 Resp: 96650
Ion Ratio Lower Upper
113 100
55 151.1 143.1 183.1
56 117.9 103.6 143.6

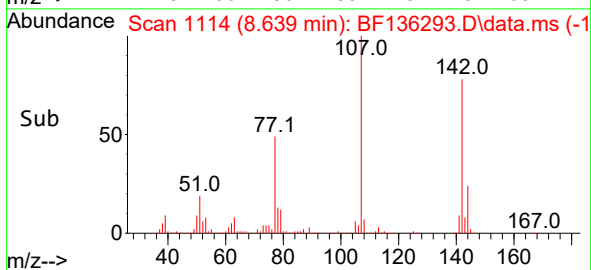
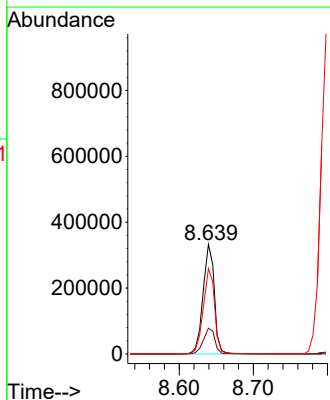
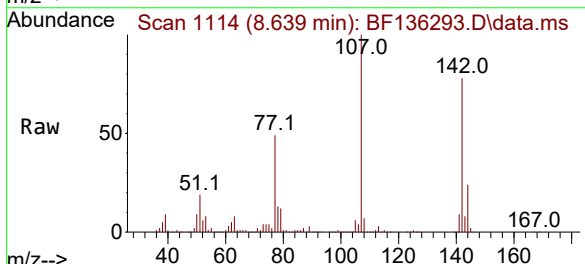
Manual Integrations
APPROVED

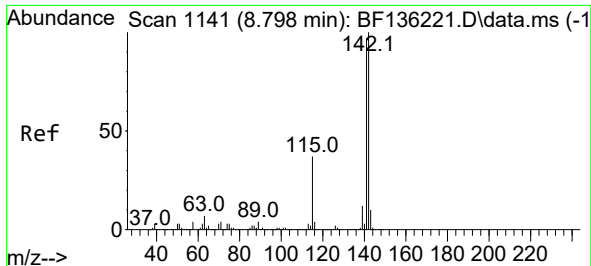
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 44.788 ng
RT: 8.639 min Scan# 1114
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion:107 Resp: 354275
Ion Ratio Lower Upper
107 100
144 23.6 17.8 26.8
142 77.8 59.4 89.0





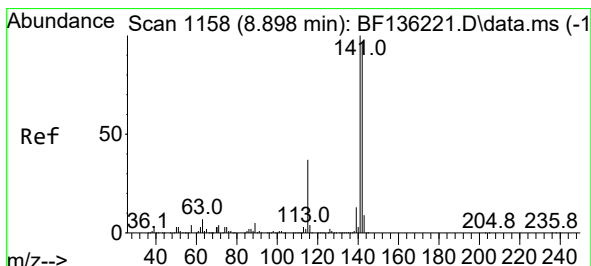
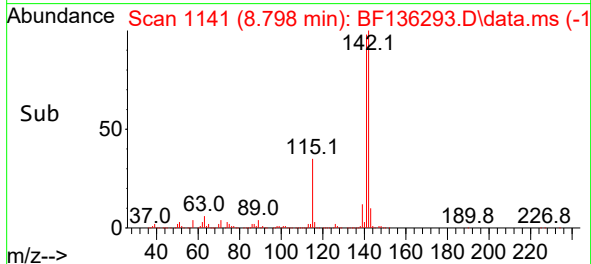
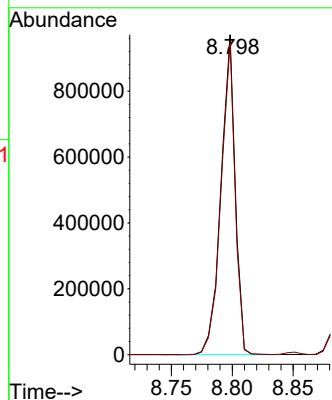
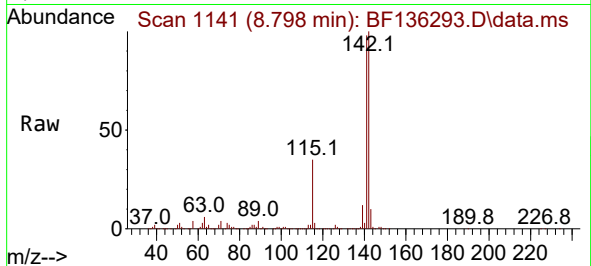
#37
2-Methylnaphthalene
Concen: 44.769 ng
RT: 8.798 min Scan# 1141
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:142 Resp: 79363
Ion Ratio Lower Upper
142 100
141 97.6 77.8 116.8

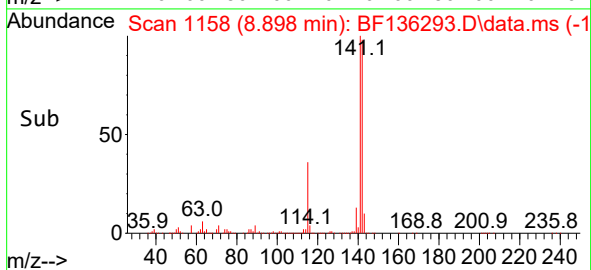
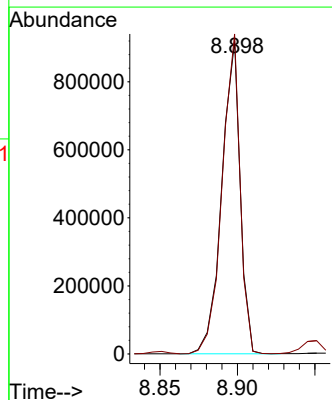
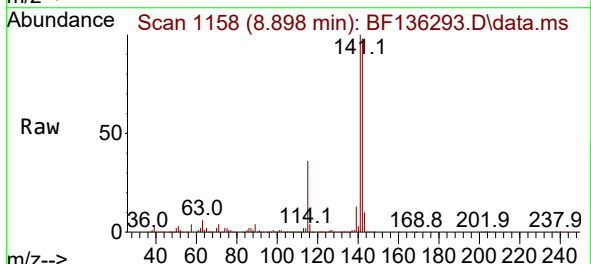
Manual Integrations
APPROVED

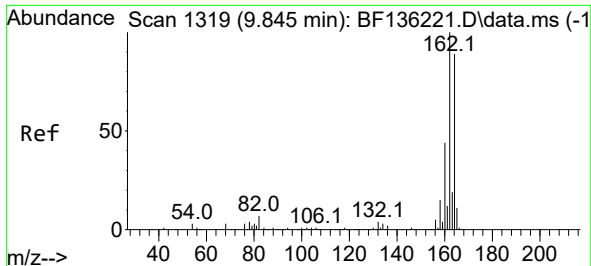
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#38
1-Methylnaphthalene
Concen: 43.817 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

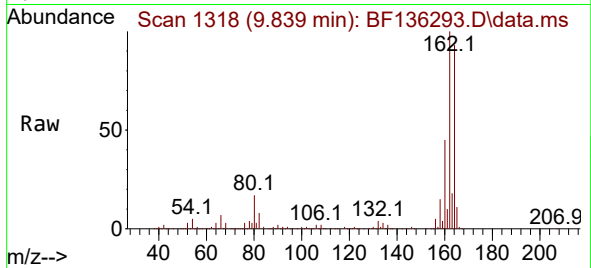
Tgt Ion:142 Resp: 757735
Ion Ratio Lower Upper
142 100
141 102.3 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1118
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

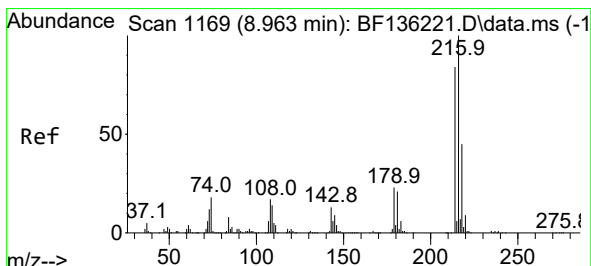
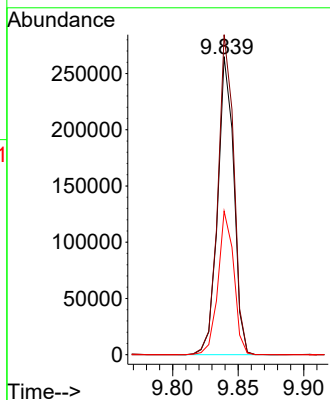
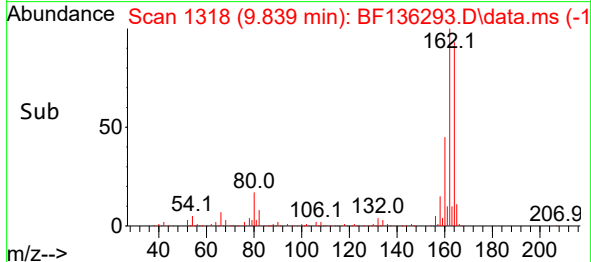
Instrument :
BNA_F
ClientSampleId :
TP-2MS



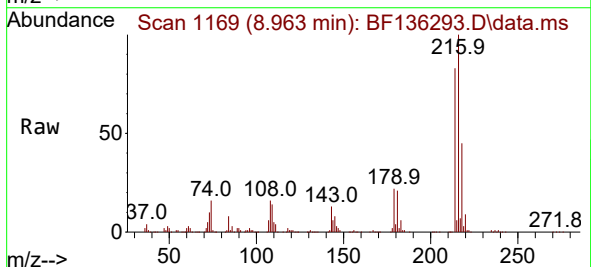
Tgt Ion:164 Resp: 225758
Ion Ratio Lower Upper
164 100
162 107.3 89.5 134.3
160 48.2 39.6 59.4

Manual Integrations
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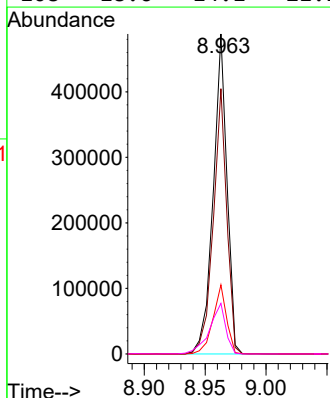
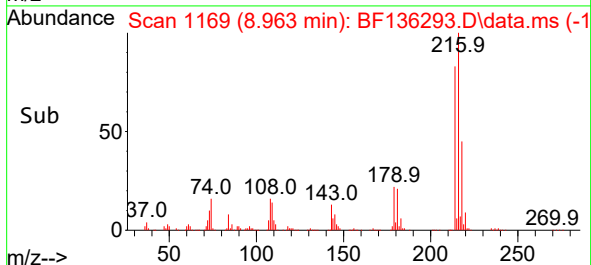
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

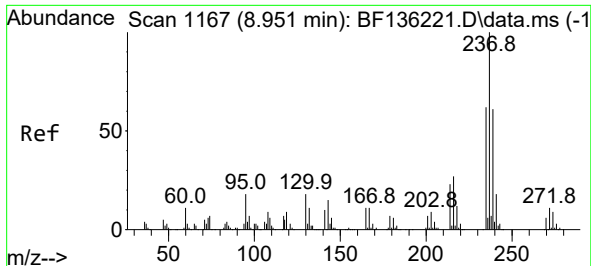


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.507 ng
RT: 8.963 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



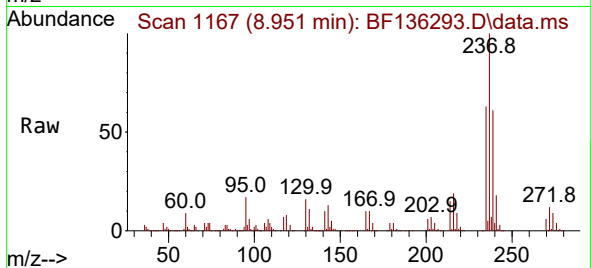
Tgt Ion:216 Resp: 384437
Ion Ratio Lower Upper
216 100
214 81.2 65.8 98.8
179 21.3 17.4 26.0
108 18.6 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 117.952 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

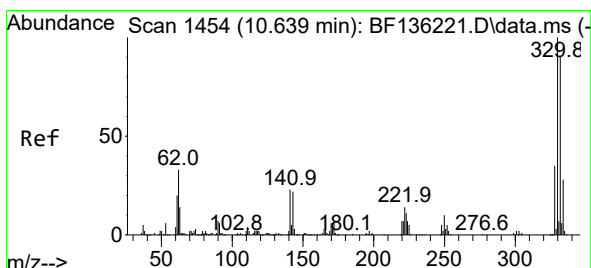
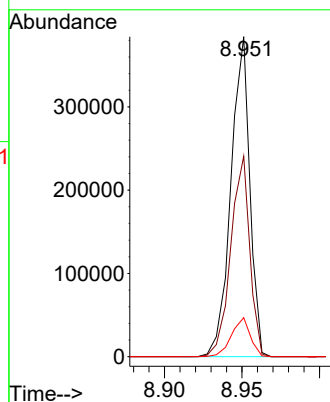
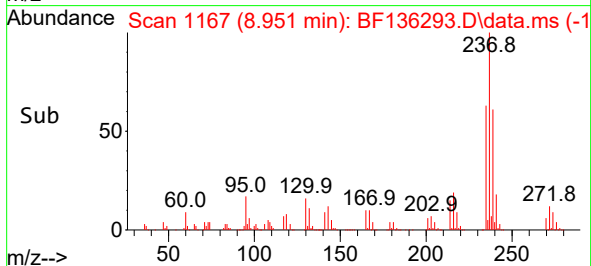
Instrument :
BNA_F
ClientSampleId :
TP-2MS



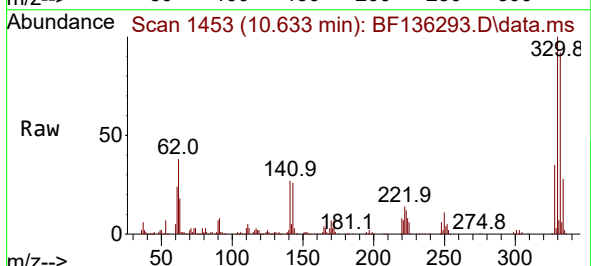
Tgt Ion:237 Resp: 326089
Ion Ratio Lower Upper
237 100
235 62.6 42.1 82.1
272 12.2 0.0 31.0

Manual Integrations
APPROVED

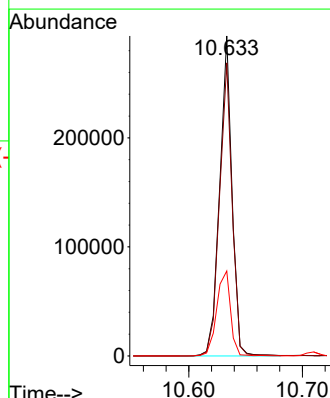
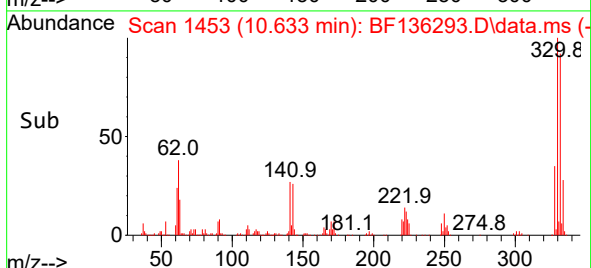
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

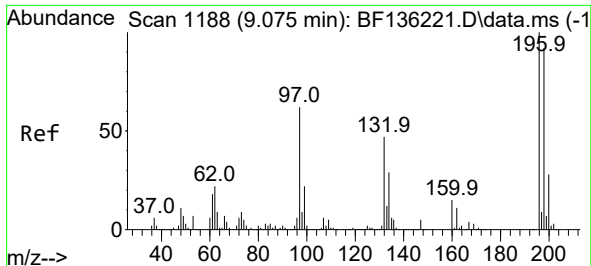


#42
2,4,6-Tribromophenol
Concen: 80.478 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion:330 Resp: 222125
Ion Ratio Lower Upper
330 100
332 94.1 73.0 109.6
141 29.9 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 50.792 ng

RT: 9.075 min Scan# 1188

Delta R.T. 0.000 min

Lab File: BF136293.D

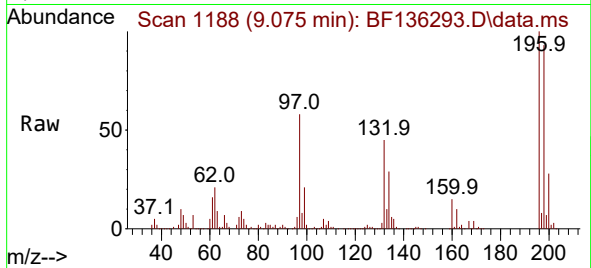
Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS



Tgt Ion:196 Resp: 23686

Ion Ratio Lower Upper

196 100

198 93.4 73.2 109.8

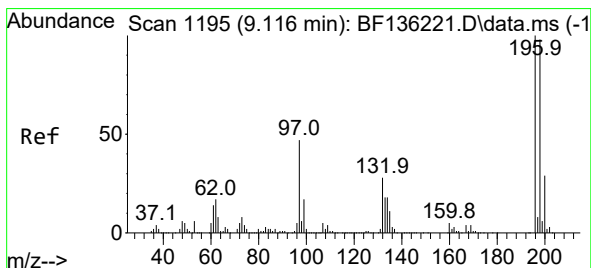
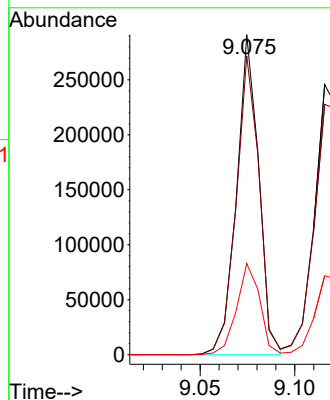
200 28.5 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#44

2,4,5-Trichlorophenol

Concen: 48.438 ng

RT: 9.116 min Scan# 1195

Delta R.T. 0.000 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Tgt Ion:196 Resp: 246508

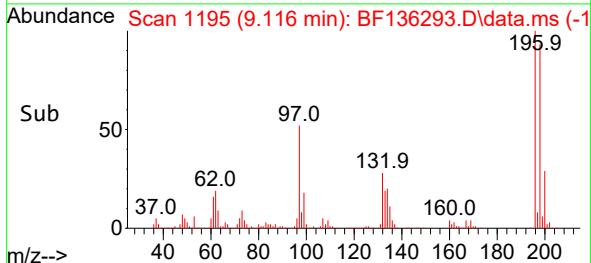
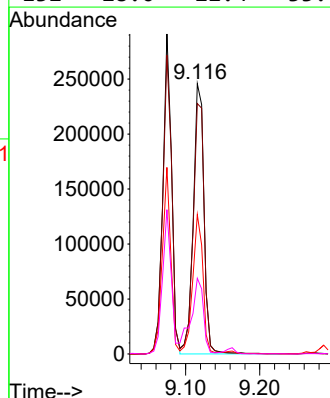
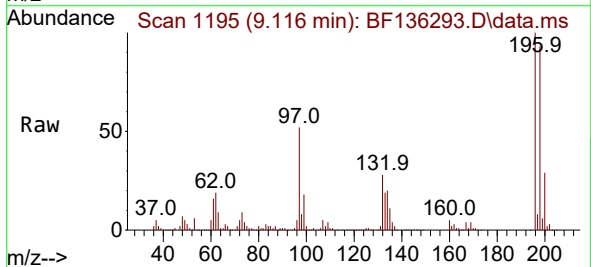
Ion Ratio Lower Upper

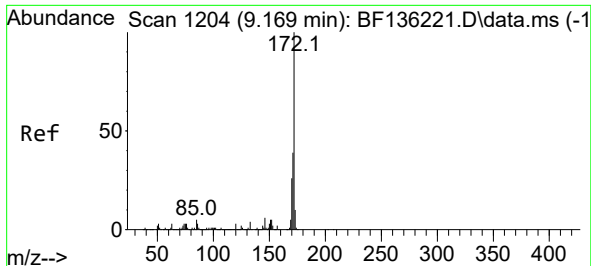
196 100

198 92.6 78.8 118.2

97 51.6 37.8 56.8

132 28.0 22.4 33.6





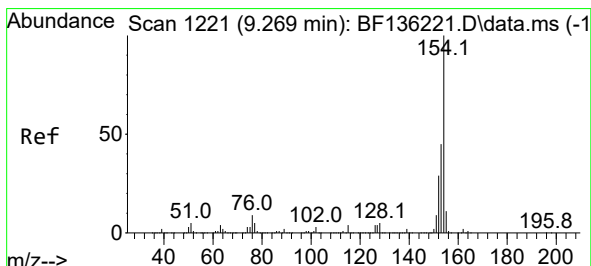
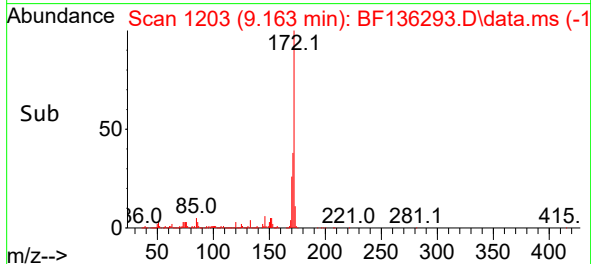
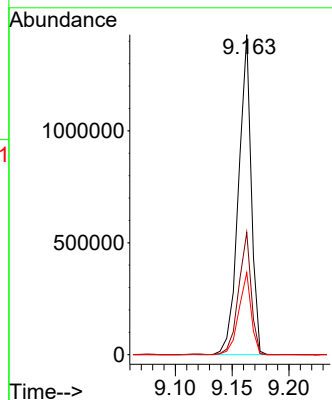
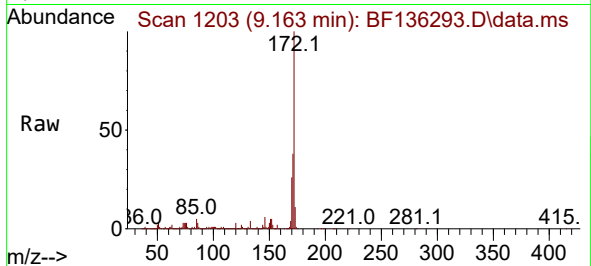
#45
2-Fluorobiphenyl
Concen: 62.832 ng
RT: 9.163 min Scan# 111052
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:172 Resp: 111052
Ion Ratio Lower Upper
172 100
171 38.2 31.5 47.3
170 25.6 20.8 31.2

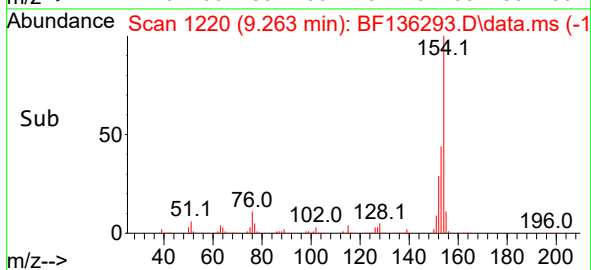
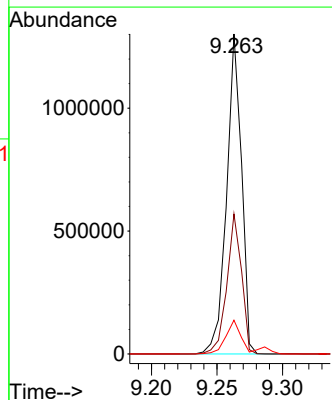
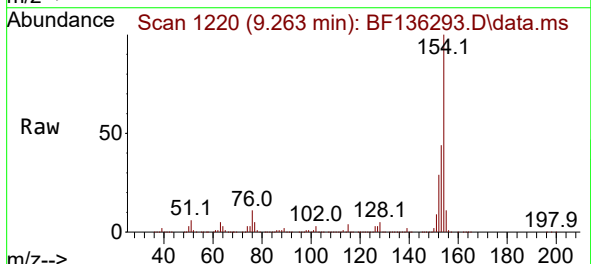
Manual Integrations
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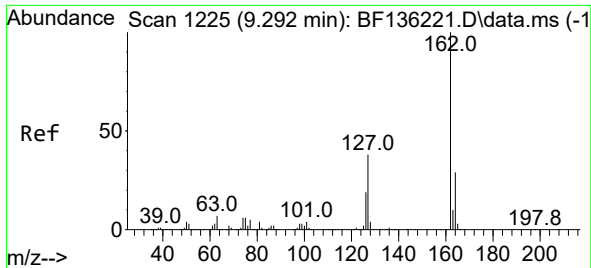
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#46
1,1'-Biphenyl
Concen: 51.504 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion:154 Resp: 1025358
Ion Ratio Lower Upper
154 100
153 43.8 24.6 64.6
76 10.6 0.0 29.4





#47

2-Chloronaphthalene

Concen: 49.088 ng

RT: 9.286 min Scan# 1224

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:162 Resp: 75893

Ion Ratio Lower Upper

162 100

127 39.2 30.2 45.2

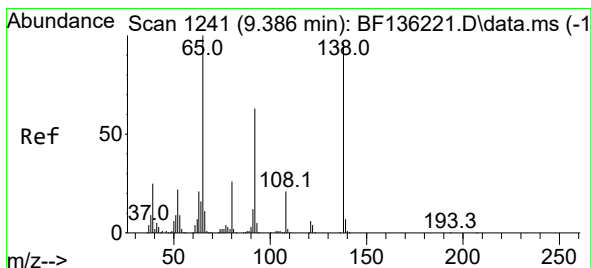
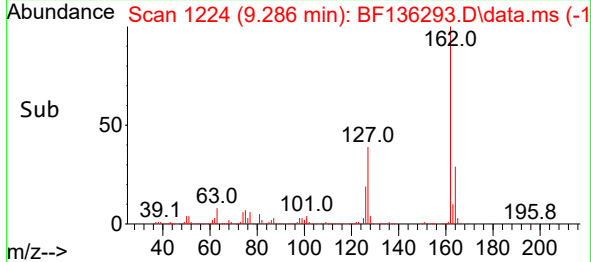
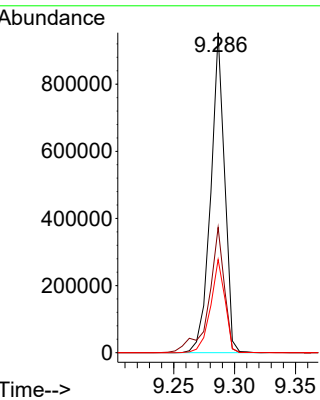
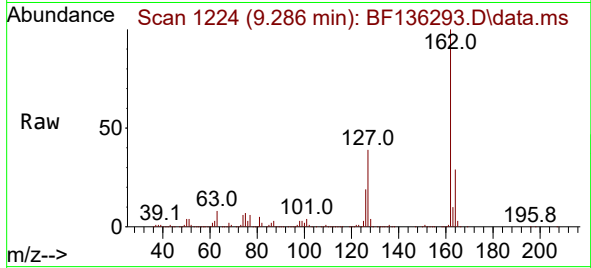
164 29.1 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#48

2-Nitroaniline

Concen: 48.320 ng

RT: 9.386 min Scan# 1241

Delta R.T. 0.000 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

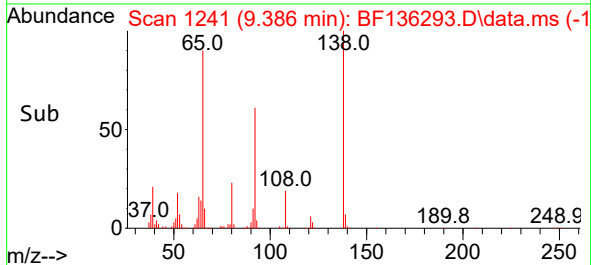
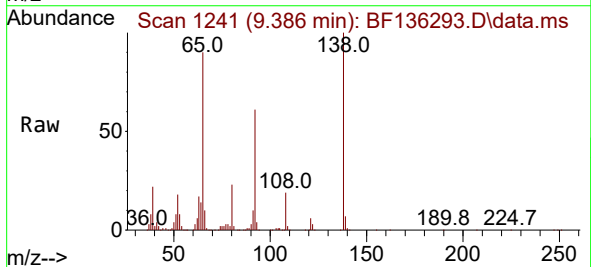
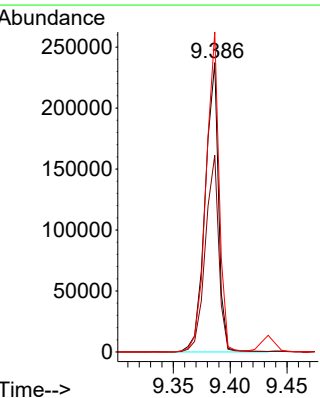
Tgt Ion: 65 Resp: 195044

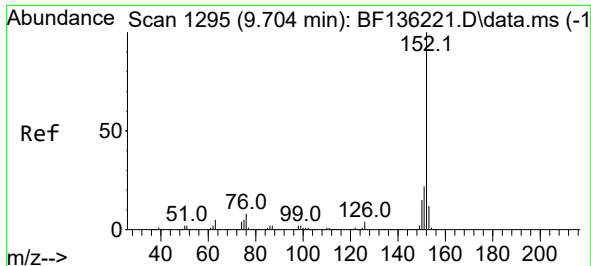
Ion Ratio Lower Upper

65 100

92 68.0 50.6 75.8

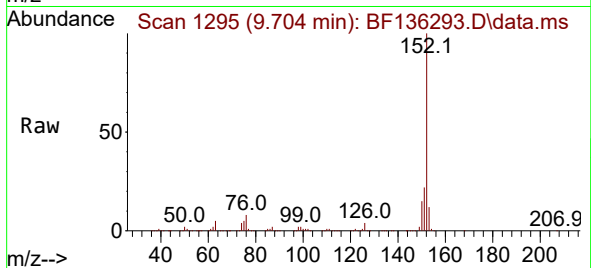
138 110.6 76.7 115.1





#49
Acenaphthylene
Concen: 52.231 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

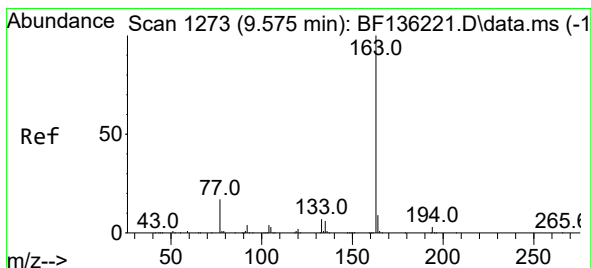
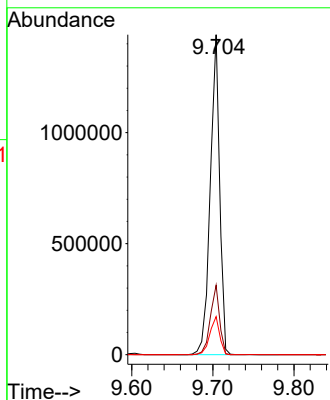
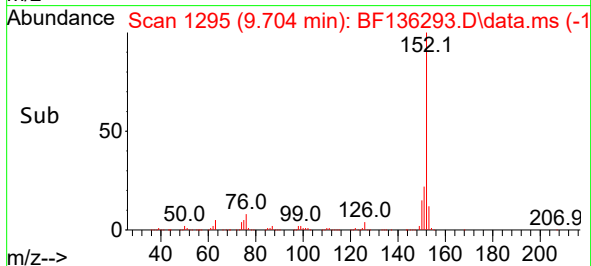
Instrument :
BNA_F
ClientSampleId :
TP-2MS



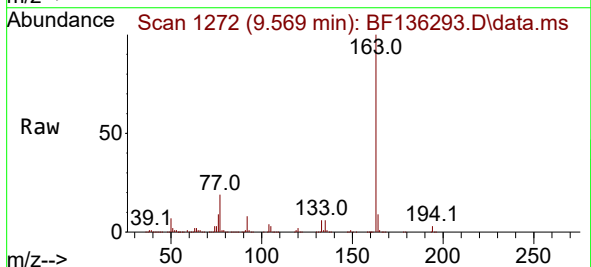
Tgt Ion:152 Resp: 1152389
Ion Ratio Lower Upper
152 100
151 21.7 17.5 26.3
153 11.9 9.6 14.4

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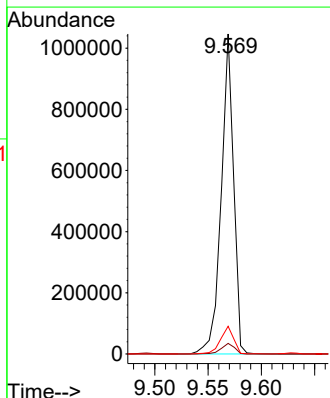
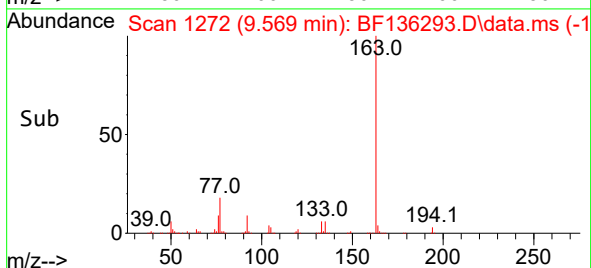
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

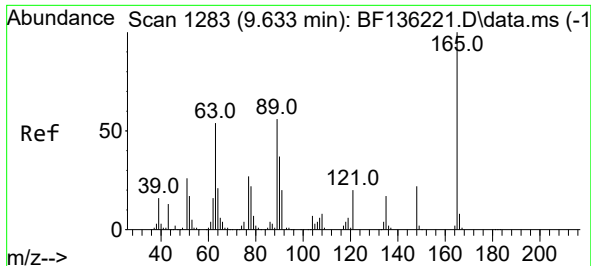


#50
Dimethylphthalate
Concen: 49.299 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion:163 Resp: 841197
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 8.7 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 48.217 ng

RT: 9.628 min Scan# 1282

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:165 Resp: 168078

Ion Ratio Lower Upper

165 100

63 59.6 46.2 69.2

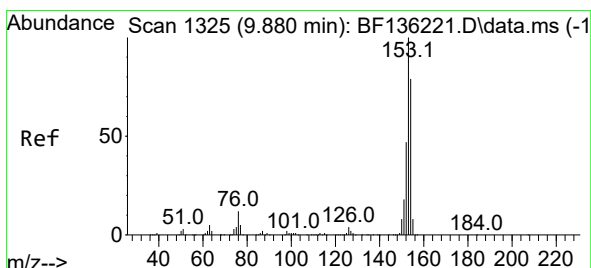
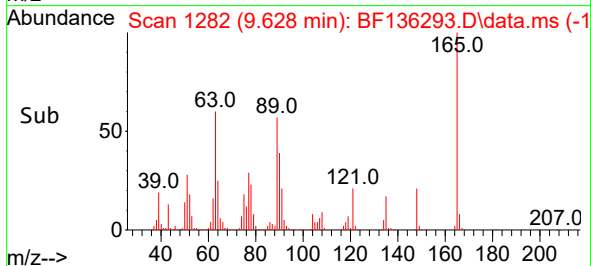
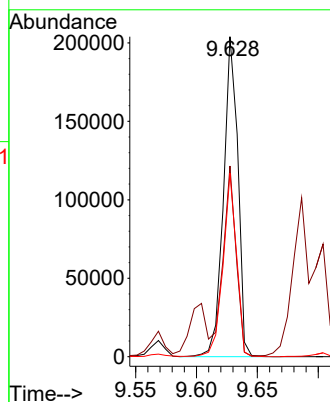
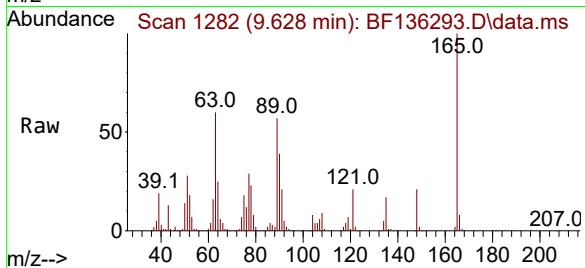
89 57.4 44.9 67.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#52

Acenaphthene

Concen: 47.583 ng

RT: 9.875 min Scan# 1324

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

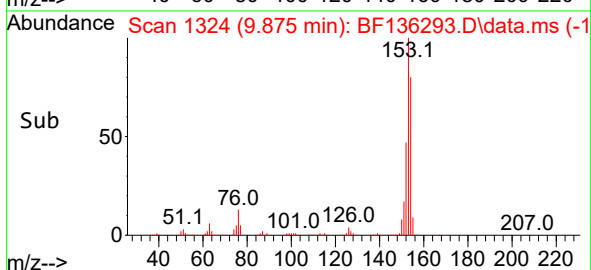
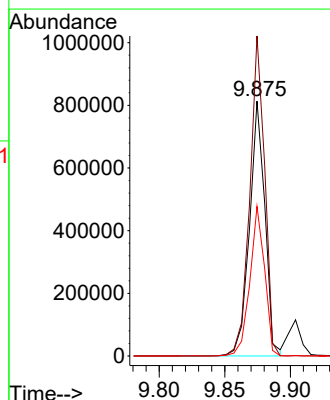
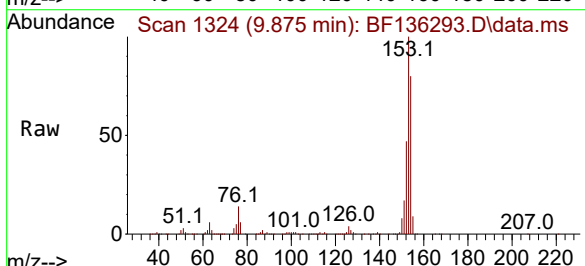
Tgt Ion:154 Resp: 663442

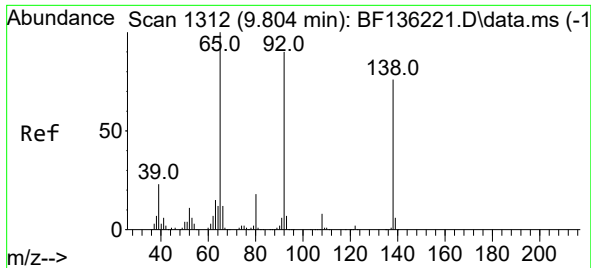
Ion Ratio Lower Upper

154 100

153 125.6 100.8 151.2

152 58.7 47.0 70.6





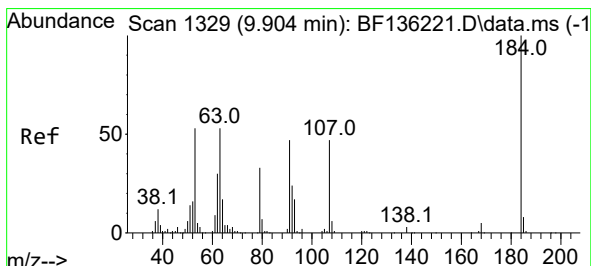
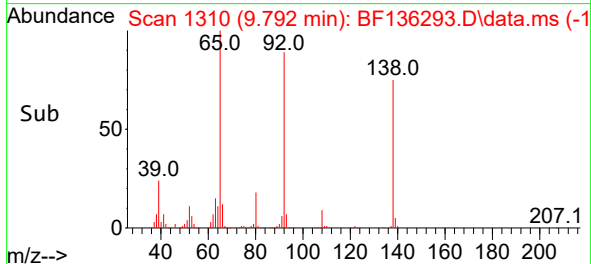
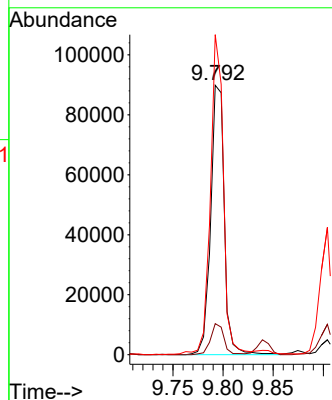
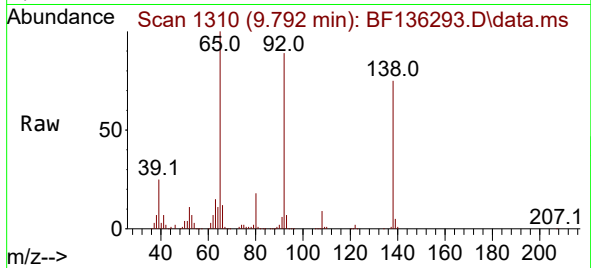
#53
3-Nitroaniline
Concen: 24.635 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:138 Resp: 85209
Ion Ratio Lower Upper
138 100
108 11.5 8.7 13.1
92 118.8 94.2 141.4

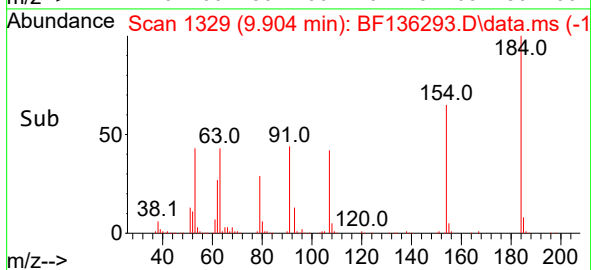
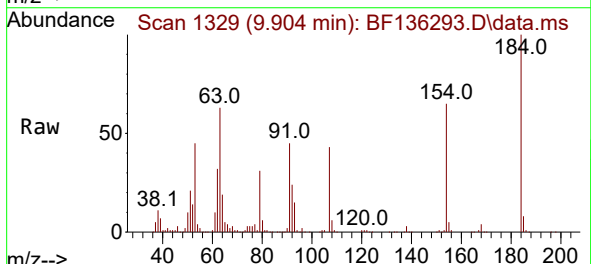
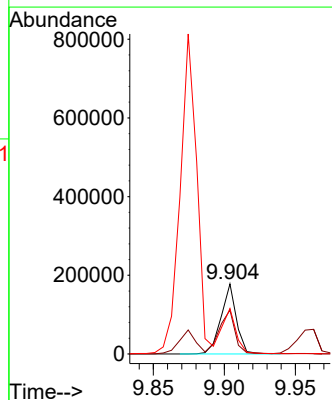
Manual Integrations
APPROVED

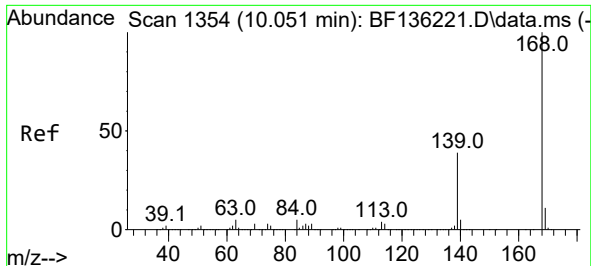
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#54
2,4-Dinitrophenol
Concen: 82.967 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

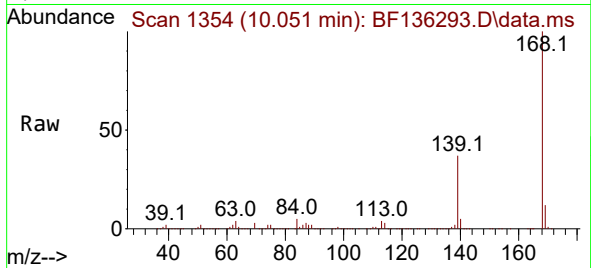
Tgt Ion:184 Resp: 134509
Ion Ratio Lower Upper
184 100
63 62.5 55.0 82.4
154 64.9 54.9 82.3





#55
Dibenzenofuran
Concen: 47.038 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

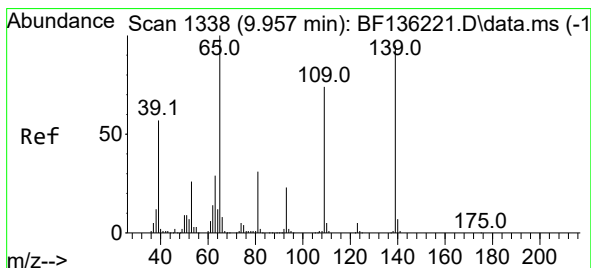
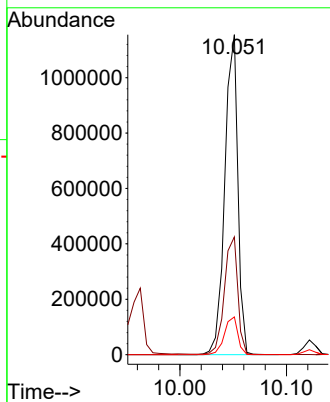
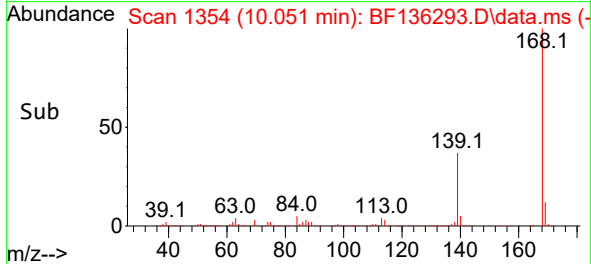
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:168 Resp: 975927
Ion Ratio Lower Upper
168 100
139 36.8 30.9 46.3
169 11.8 9.1 13.7

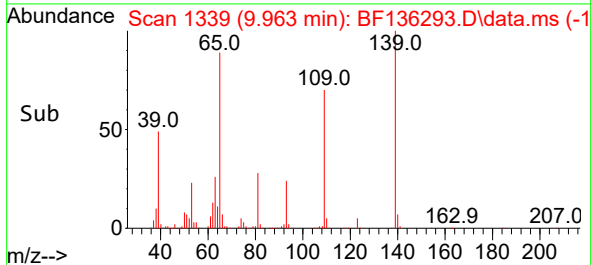
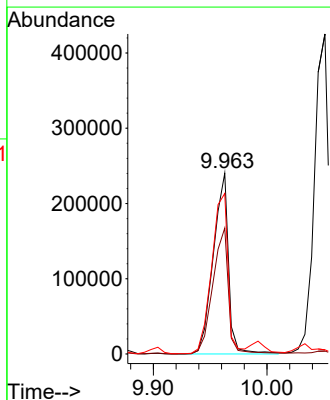
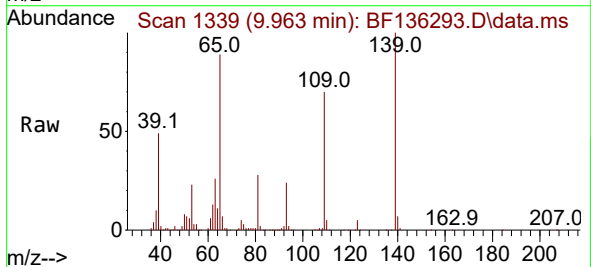
Manual Integrations
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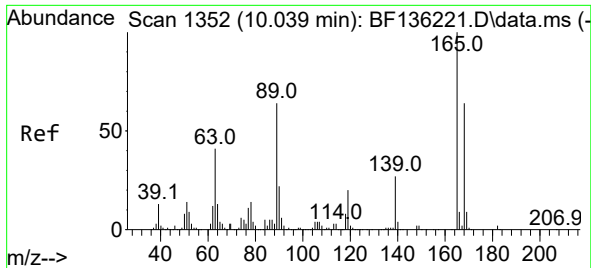
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 85.458 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

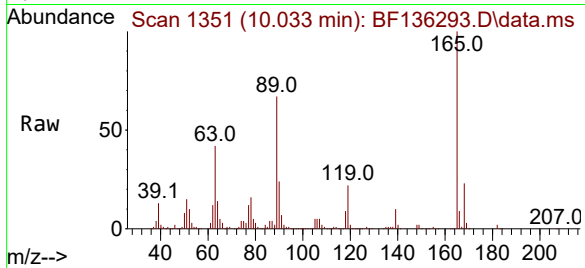
Tgt Ion:139 Resp: 224495
Ion Ratio Lower Upper
139 100
109 69.7 57.8 97.8
65 88.8 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 44.819 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

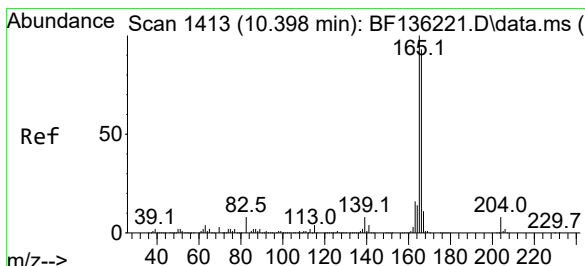
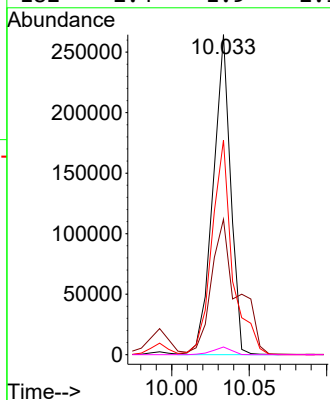
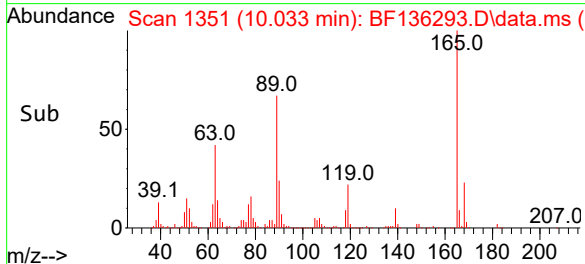
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:165 Resp: 20869
Ion Ratio Lower Upper
165 100
63 42.3 33.0 49.4
89 67.1 51.5 77.3
182 2.4 1.9 2.9

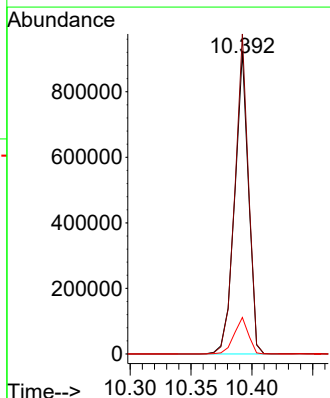
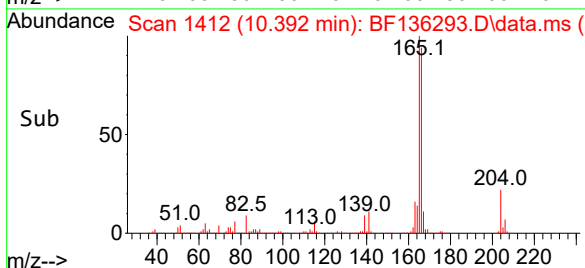
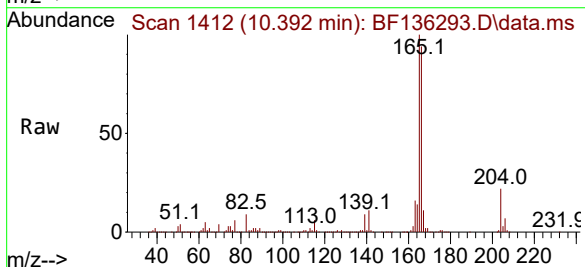
Manual Integrations
APPROVED

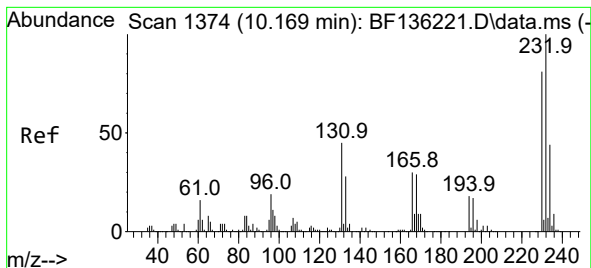
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 44.750 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

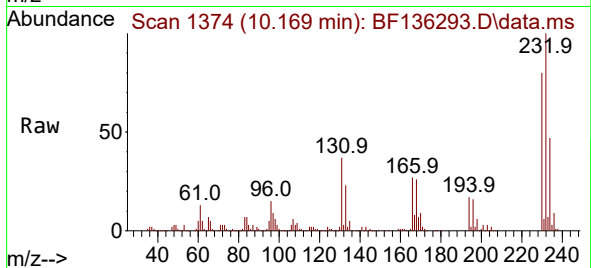
Tgt Ion:166 Resp: 728259
Ion Ratio Lower Upper
166 100
165 105.9 86.2 129.4
167 12.1 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 44.873 ng
RT: 10.169 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

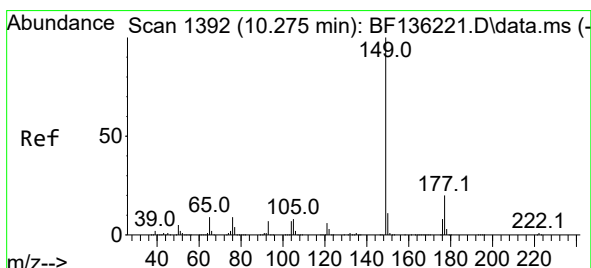
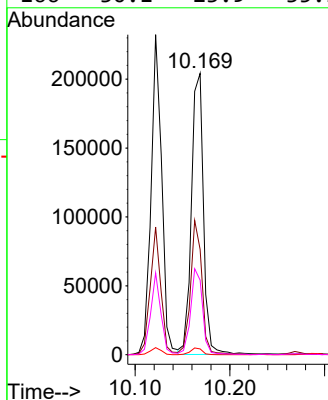
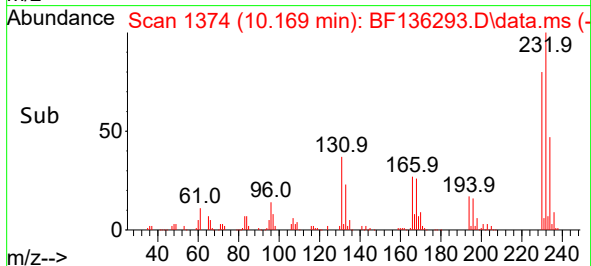
Instrument :
BNA_F
ClientSampleId :
TP-2MS



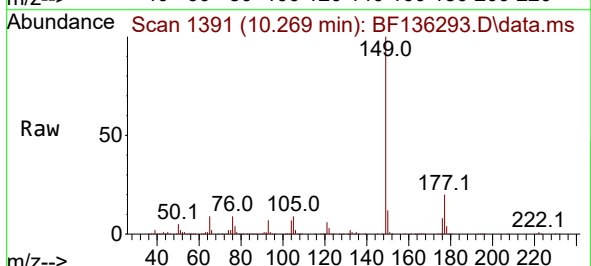
Tgt Ion:232 Resp: 181700
Ion Ratio Lower Upper
232 100
131 45.2 36.4 54.6
130 2.3 1.9 2.9
166 30.1 23.9 35.9

Manual Integrations
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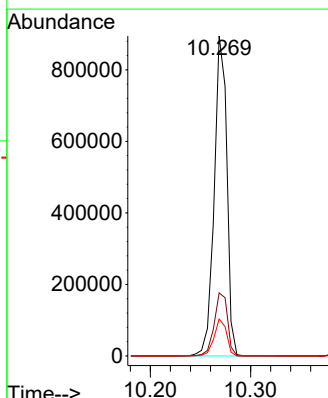
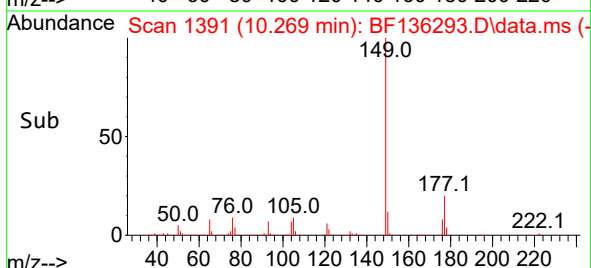
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

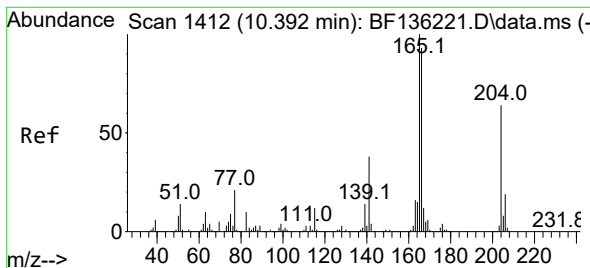


#60
Diethylphthalate
Concen: 45.848 ng
RT: 10.269 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



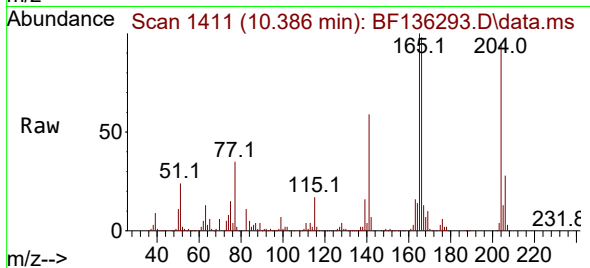
Tgt Ion:149 Resp: 782569
Ion Ratio Lower Upper
149 100
177 19.7 15.8 23.6
150 11.5 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 44.522 ng
RT: 10.386 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

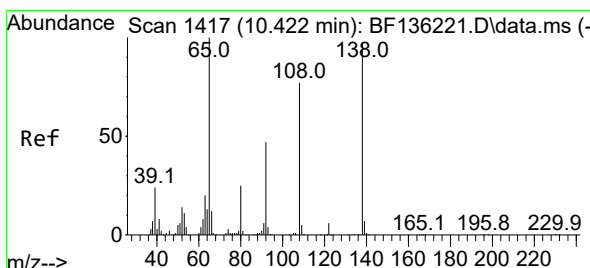
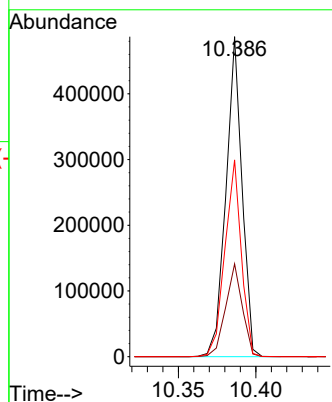
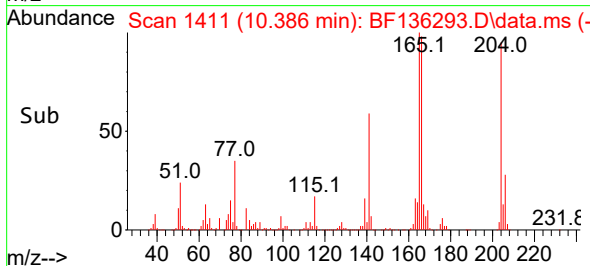
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:204 Resp: 351872
Ion Ratio Lower Upper
204 100
206 29.0 23.4 35.0
141 61.5 47.6 71.4

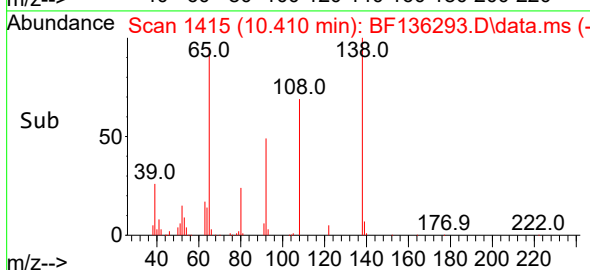
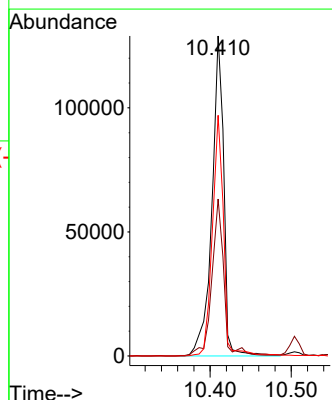
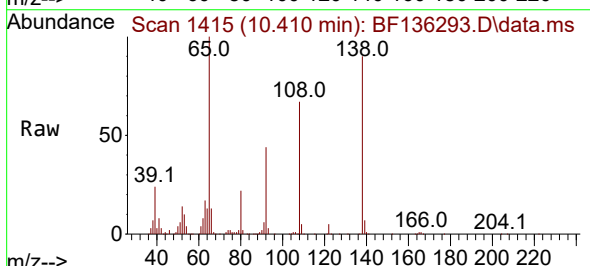
Manual Integrations
APPROVED

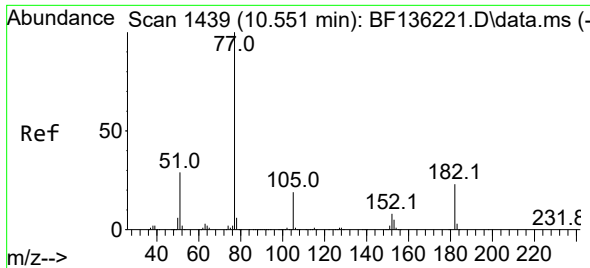
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 38.585 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.012 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

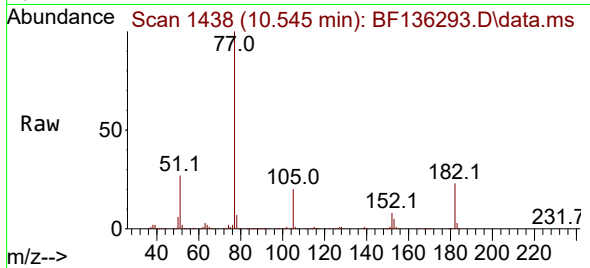
Tgt Ion:138 Resp: 130636
Ion Ratio Lower Upper
138 100
92 49.0 28.5 68.5
108 75.2 59.8 99.8





#63
Azobenzene
Concen: 43.269 ng
RT: 10.545 min Scan# 1439
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

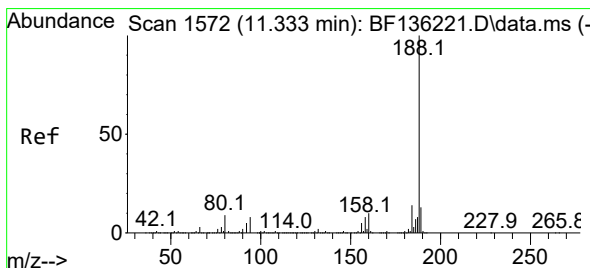
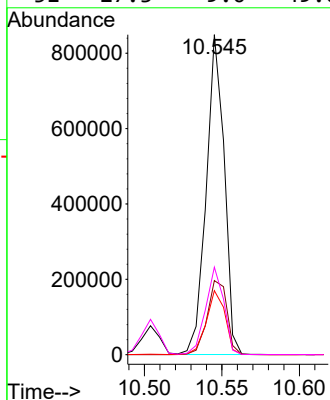
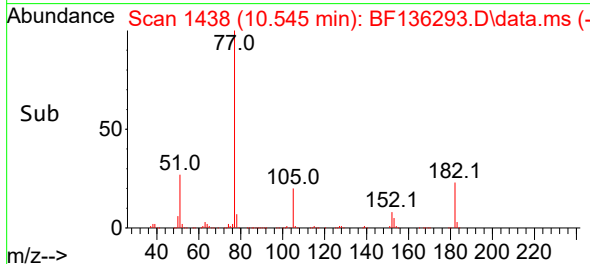
Instrument :
BNA_F
ClientSampleId :
TP-2MS



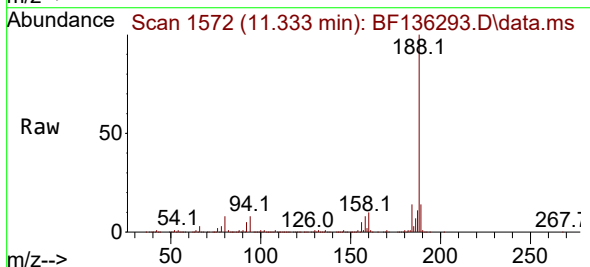
Tgt Ion: 77 Resp: 684675
Ion Ratio Lower Upper
77 100
182 23.2 3.3 43.3
105 20.0 0.0 39.5
51 27.3 9.0 49.0

Manual Integrations
APPROVED

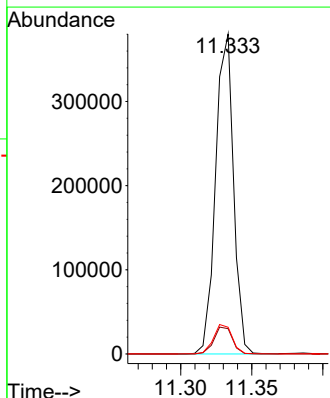
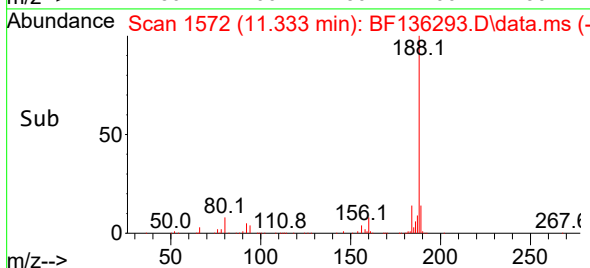
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

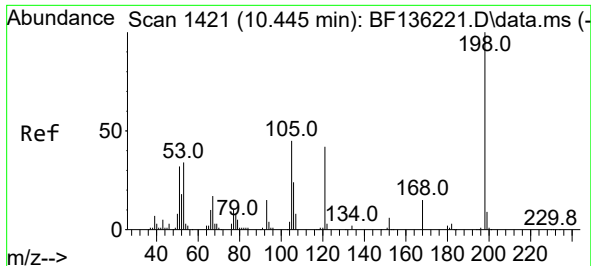


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion:188 Resp: 332786
Ion Ratio Lower Upper
188 100
94 7.9 6.7 10.1
80 8.3 7.2 10.8





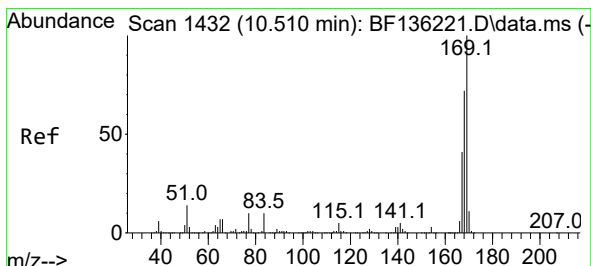
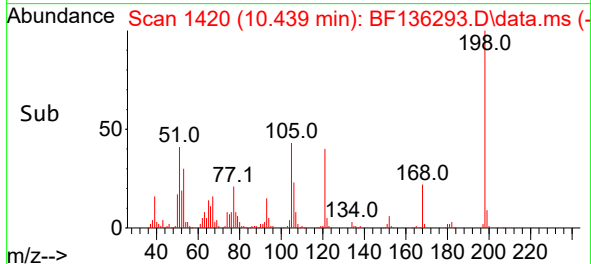
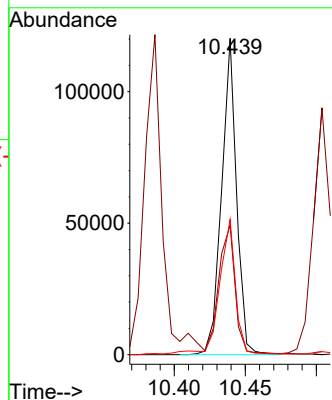
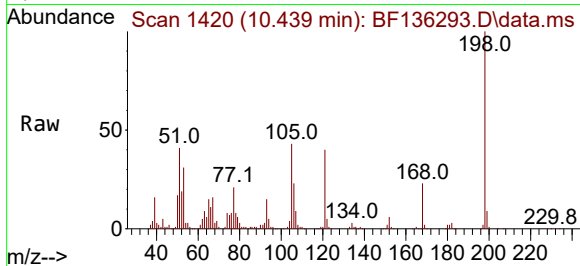
#65
4,6-Dinitro-2-methylphenol
Concen: 48.270 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:198 Resp: 87844
Ion Ratio Lower Upper
198 100
51 40.9 28.2 68.2
105 42.7 25.7 65.7

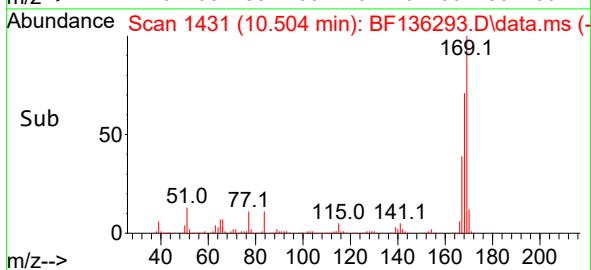
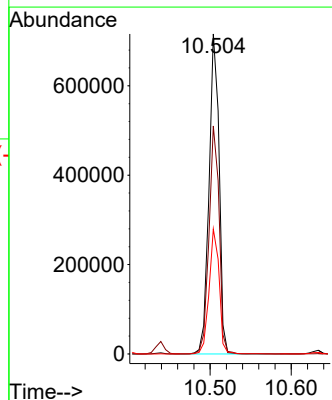
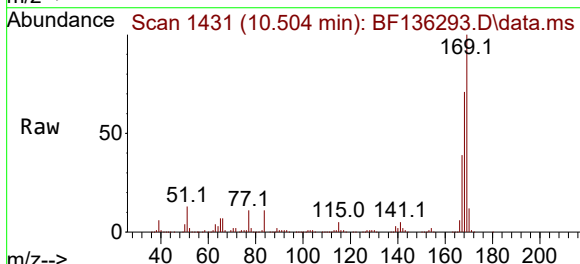
Manual Integrations
APPROVED

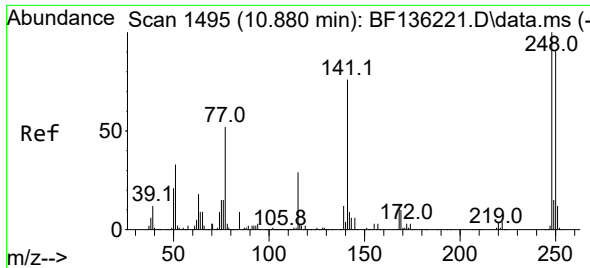
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 57.651 ng
RT: 10.504 min Scan# 1431
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

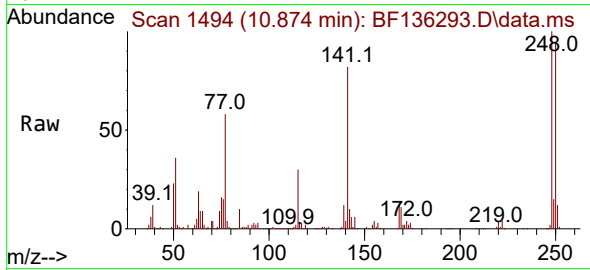
Tgt Ion:169 Resp: 614830
Ion Ratio Lower Upper
169 100
168 71.3 57.8 86.6
167 39.0 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 53.596 ng
RT: 10.874 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

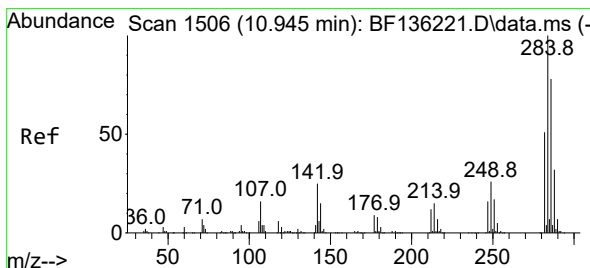
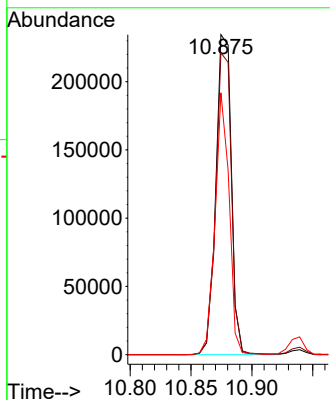
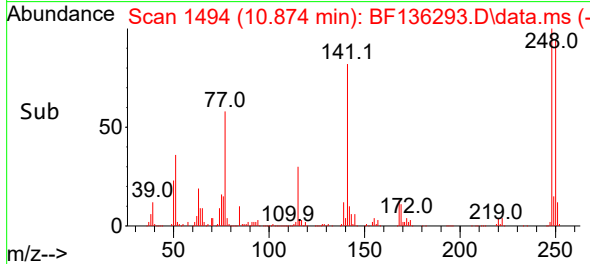
Instrument :
BNA_F
ClientSampleId :
TP-2MS



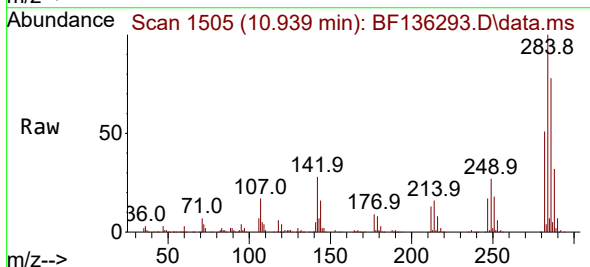
Tgt Ion:248 Resp: 208085
Ion Ratio Lower Upper
248 100
250 94.4 72.5 108.7
141 81.8 60.8 91.2

Manual Integrations
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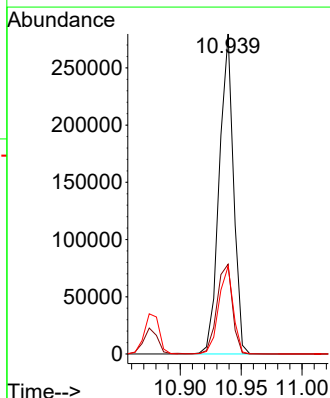
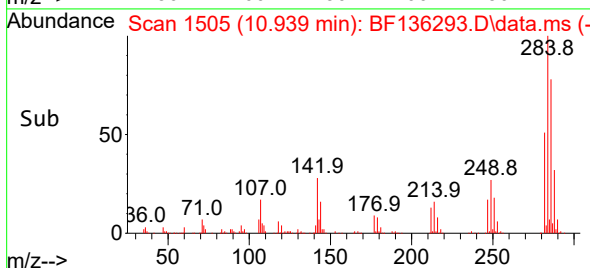
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

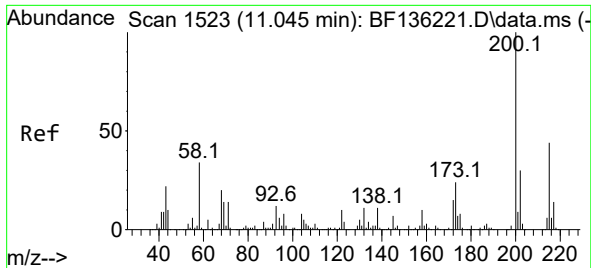


#68
Hexachlorobenzene
Concen: 50.872 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion:284 Resp: 228590
Ion Ratio Lower Upper
284 100
142 28.1 19.8 29.8
249 27.4 21.0 31.4





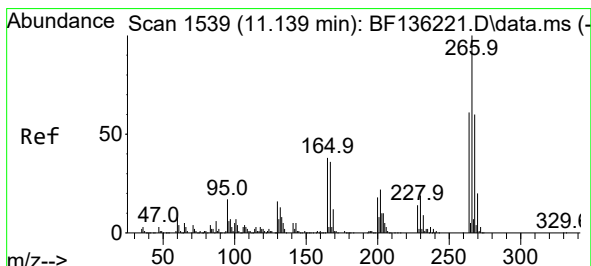
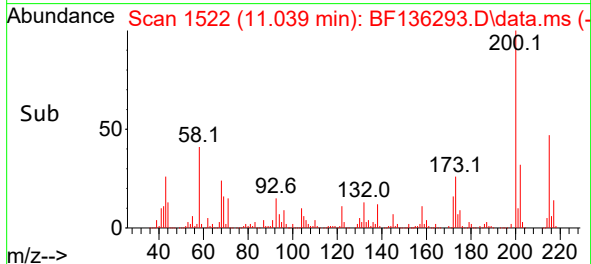
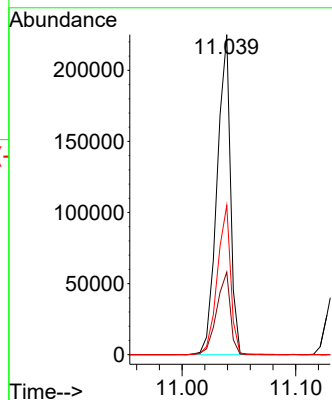
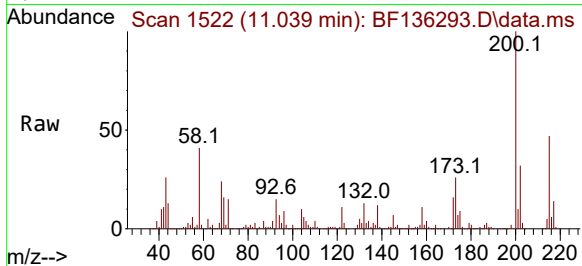
#69
Atrazine
Concen: 58.293 ng
RT: 11.039 min Scan# 1522
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:200 Resp: 18441
Ion Ratio Lower Upper
200 100
173 25.8 4.3 44.3
215 46.7 23.8 63.8

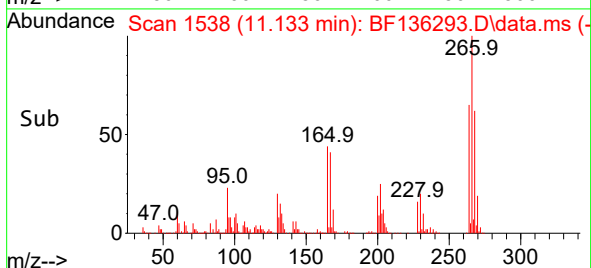
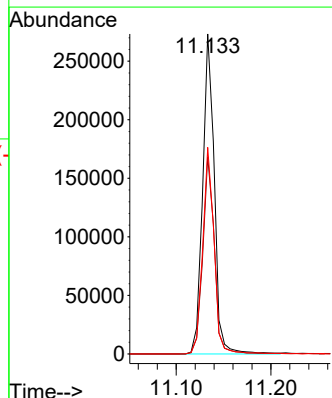
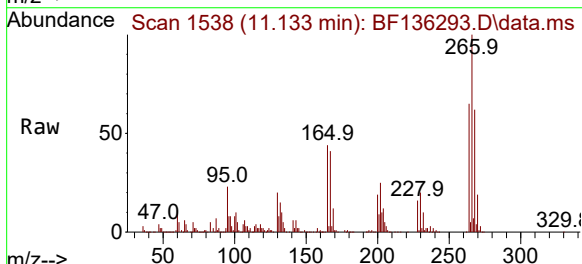
Manual Integrations
APPROVED

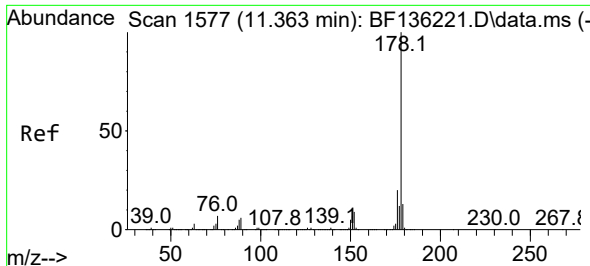
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#70
Pentachlorophenol
Concen: 91.677 ng
RT: 11.133 min Scan# 1538
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion:266 Resp: 232857
Ion Ratio Lower Upper
266 100
268 61.6 47.9 71.9
264 64.6 49.1 73.7





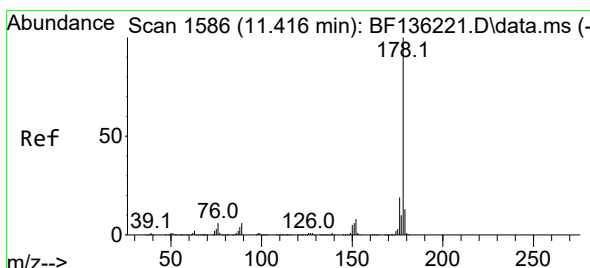
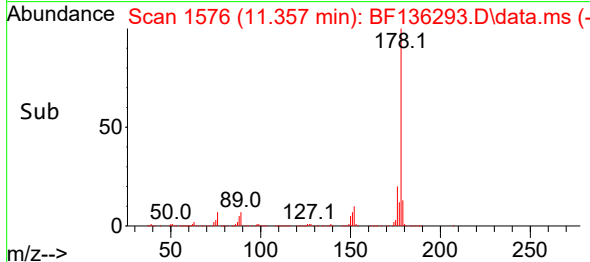
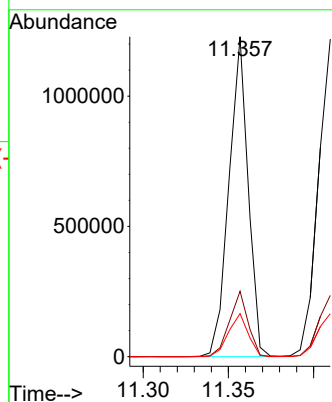
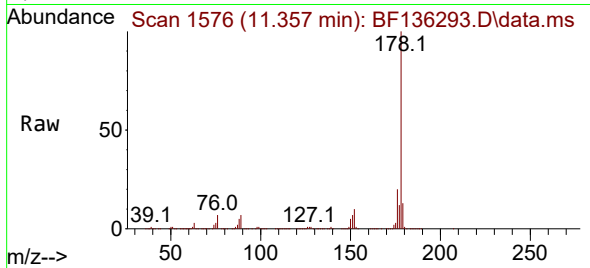
#71
Phenanthrene
Concen: 51.391 ng
RT: 11.357 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:178 Resp: 961222
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.5 10.3 15.5

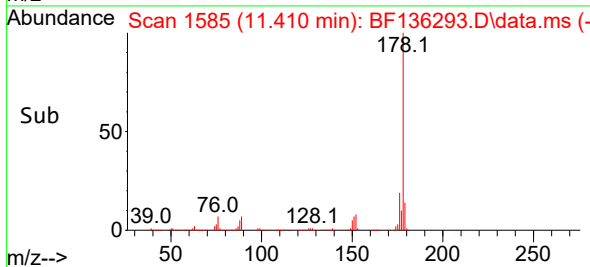
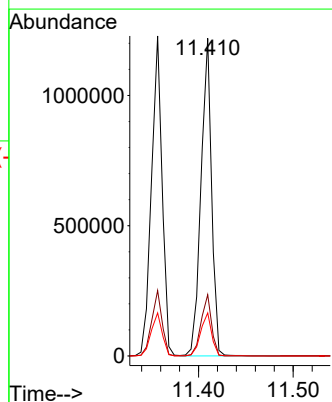
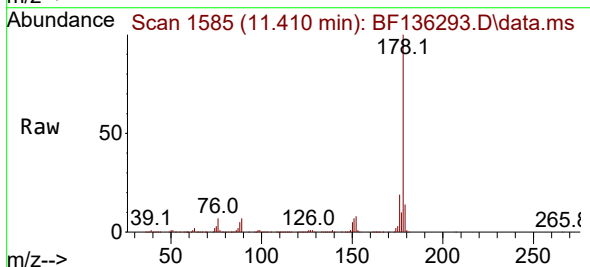
Manual Integrations
APPROVED

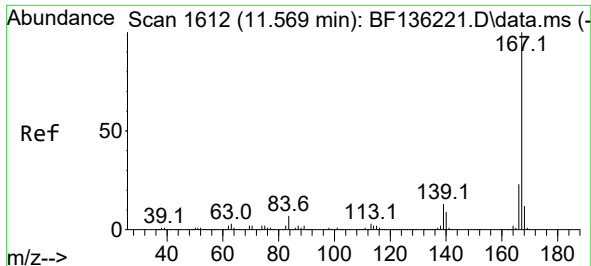
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 50.946 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

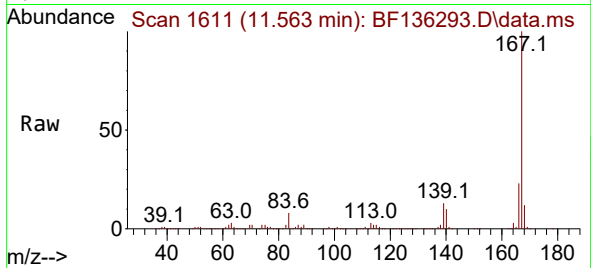
Tgt Ion:178 Resp: 955587
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 13.5 10.5 15.7





#73
 Carbazole
 Concen: 48.254 ng
 RT: 11.563 min Scan# 1611
 Delta R.T. -0.006 min
 Lab File: BF136293.D
 Acq: 29 Nov 2023 20:18

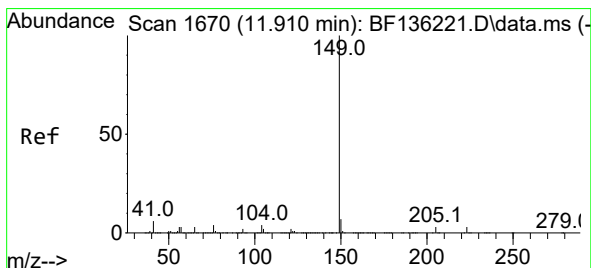
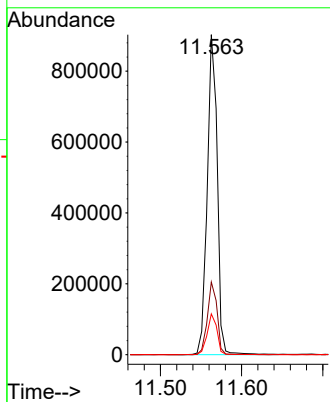
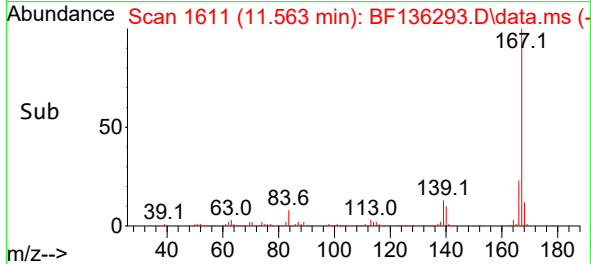
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS



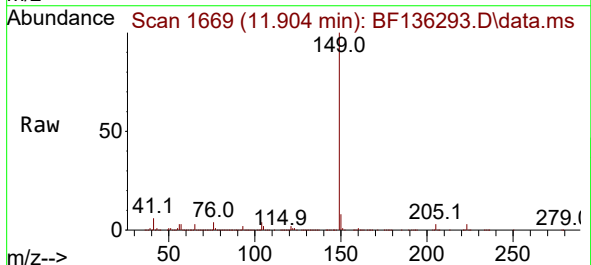
Tgt Ion:167 Resp: 769793
 Ion Ratio Lower Upper
 167 100
 166 22.7 18.4 27.6
 139 12.7 10.5 15.7

Manual Integrations
 APPROVED

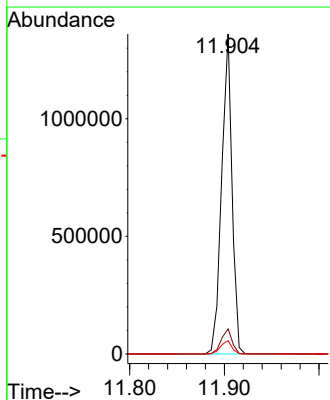
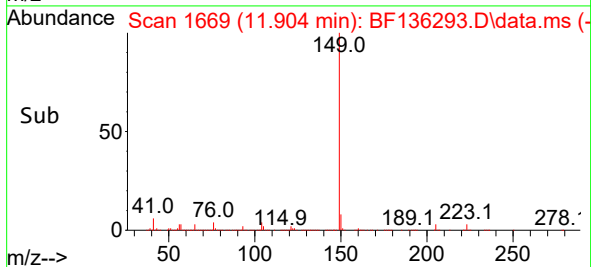
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

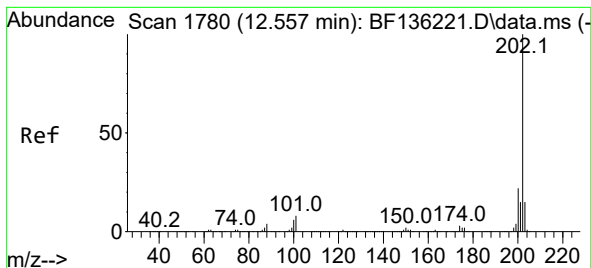


#74
 Di-n-butylphthalate
 Concen: 51.981 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136293.D
 Acq: 29 Nov 2023 20:18



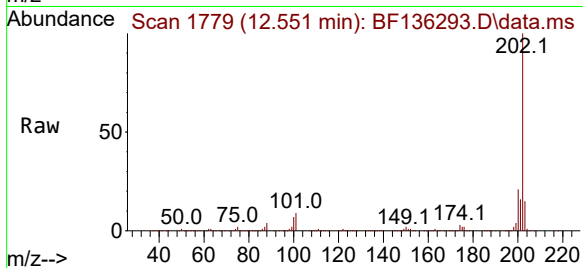
Tgt Ion:149 Resp: 1037565
 Ion Ratio Lower Upper
 149 100
 150 7.8 6.0 9.0
 104 4.1 3.5 5.3





#75
Fluoranthene
Concen: 48.526 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

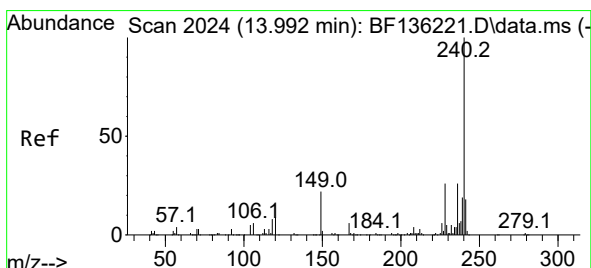
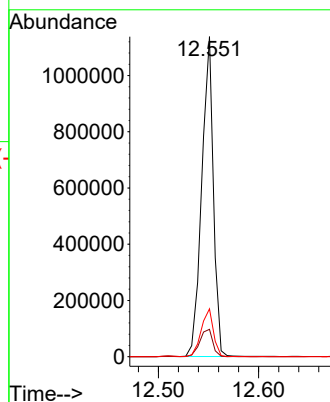
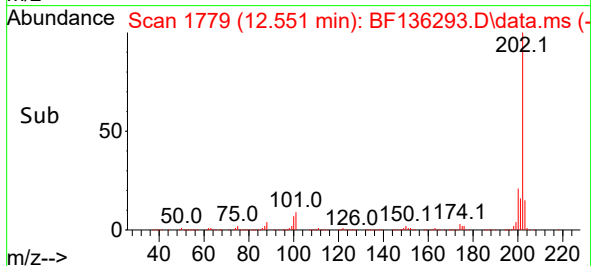
Instrument :
BNA_F
ClientSampleId :
TP-2MS



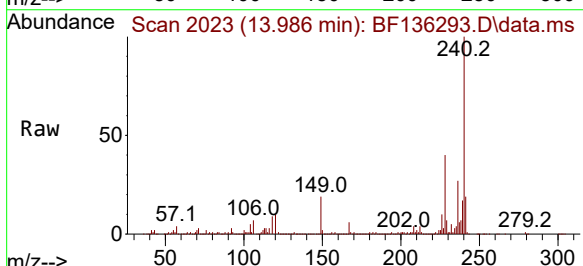
Tgt Ion:202 Resp: 92140
Ion Ratio Lower Upper
202 100
101 8.6 0.0 27.8
203 14.9 0.0 34.5

Manual Integrations
APPROVED

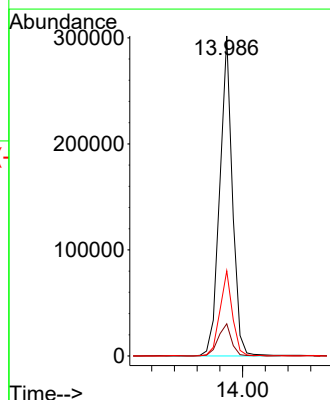
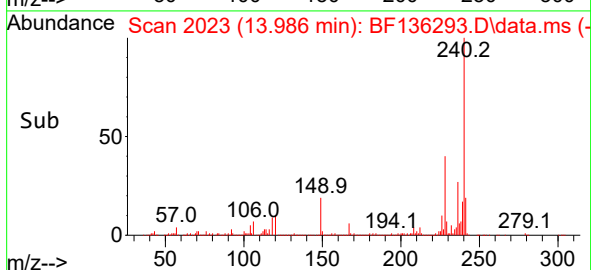
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023

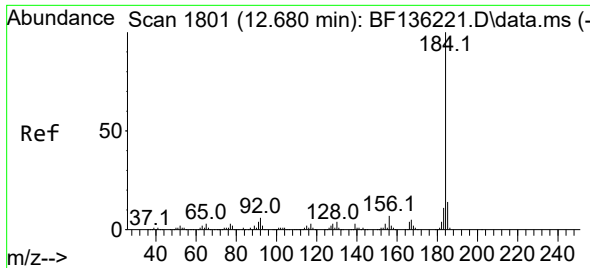


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



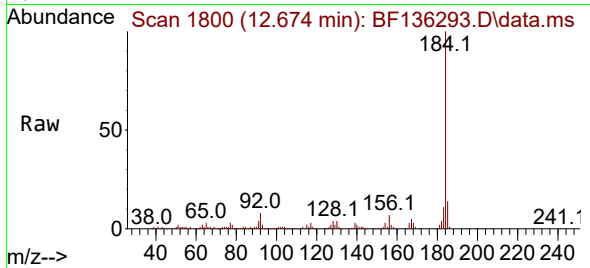
Tgt Ion:240 Resp: 233835
Ion Ratio Lower Upper
240 100
120 10.1 7.4 11.2
236 26.6 21.1 31.7





#77
Benzidine
Concen: 37.052 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

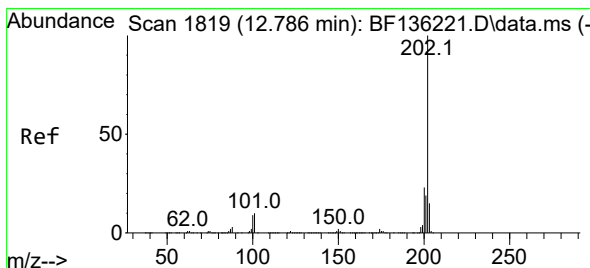
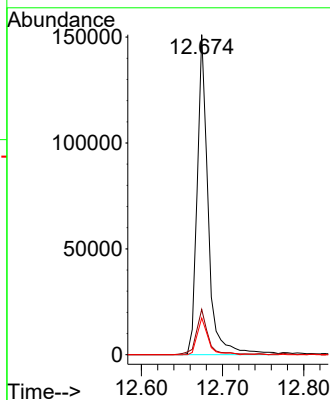
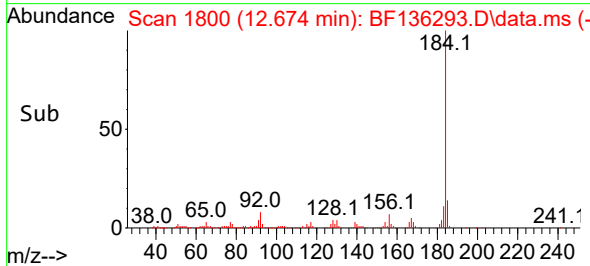
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:184 Resp: 14242
Ion Ratio Lower Upper
184 100
185 14.2 11.0 16.6
183 11.4 9.0 13.4

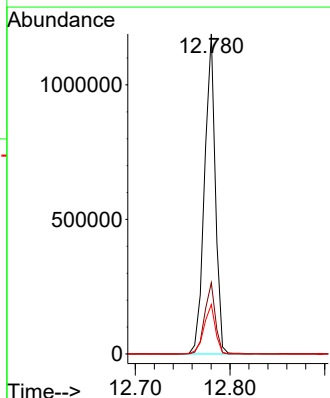
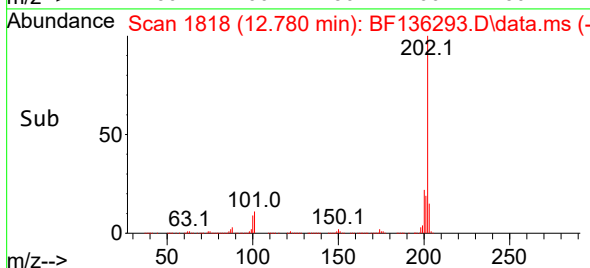
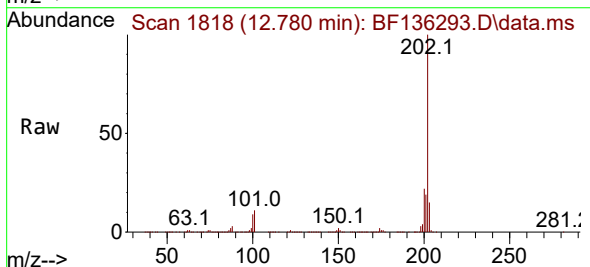
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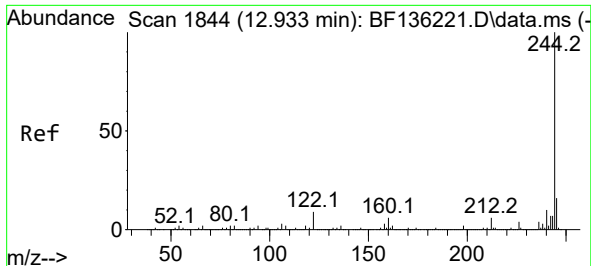
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#78
Pyrene
Concen: 36.889 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

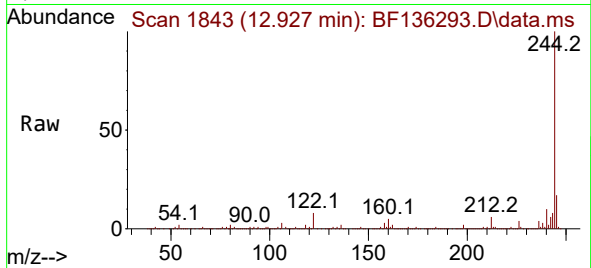
Tgt Ion:202 Resp: 944701
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 15.5 11.8 17.6





#79
 Terphenyl-d14
 Concen: 45.909 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136293.D
 Acq: 29 Nov 2023 20:18

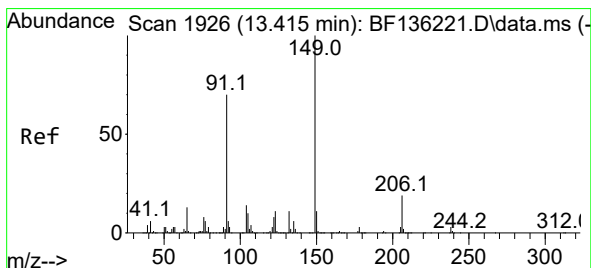
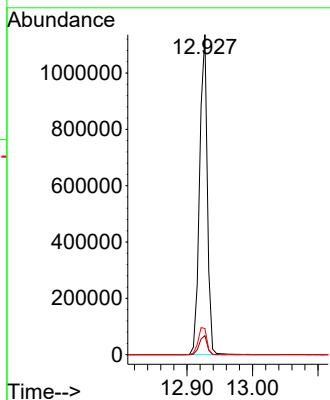
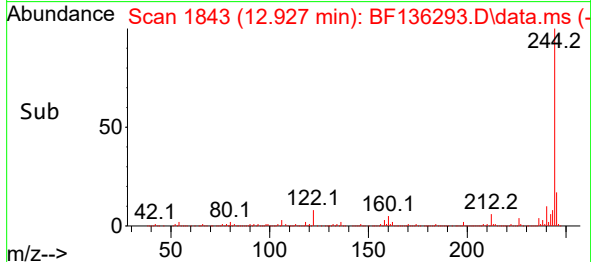
Instrument :
 BNA_F
 ClientSampleId :
 TP-2MS



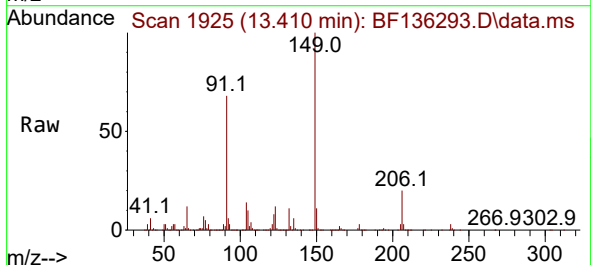
Tgt Ion:244 Resp: 930674
 Ion Ratio Lower Upper
 244 100
 212 6.0 4.6 7.0
 122 8.2 7.3 10.9

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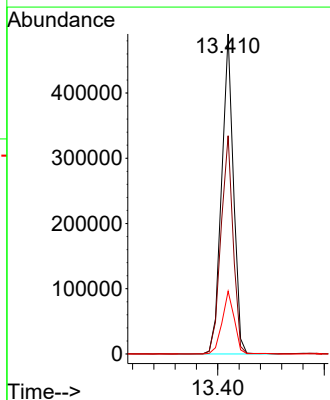
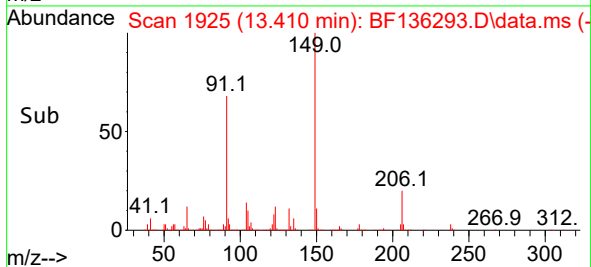
Reviewed By :Yogesh Patel 11/30/2023
 Supervised By :mohammad ahmed 12/01/2023

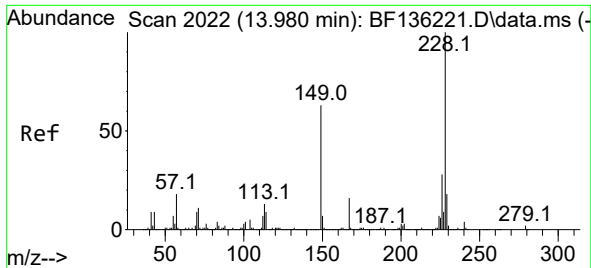


#80
 Butylbenzylphthalate
 Concen: 47.345 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136293.D
 Acq: 29 Nov 2023 20:18



Tgt Ion:149 Resp: 377345
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.4 84.6
 206 19.6 14.8 22.2





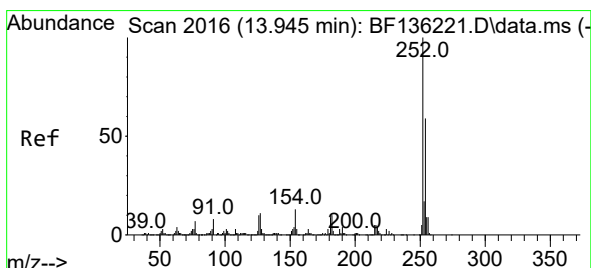
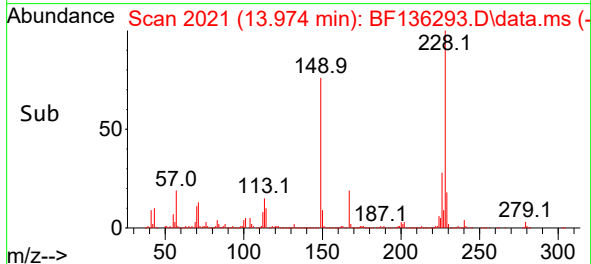
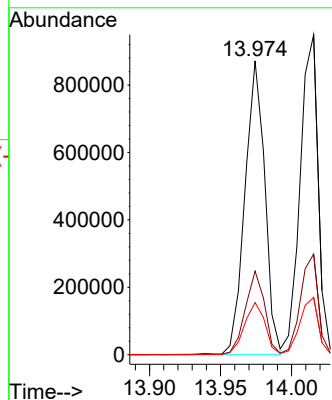
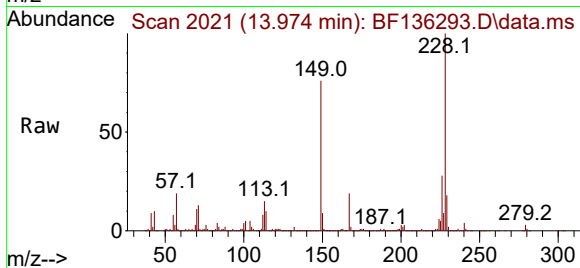
#81
Benzo(a)anthracene
Concen: 48.816 ng
RT: 13.974 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:228 Resp: 847869
Ion Ratio Lower Upper
228 100
226 28.4 22.6 34.0
229 17.8 14.0 21.0

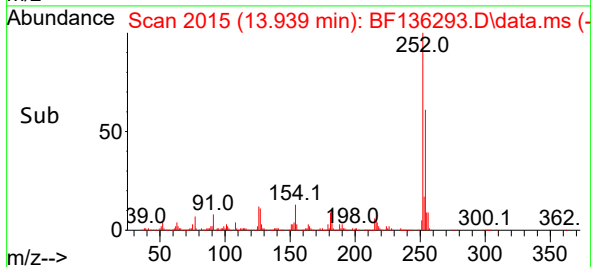
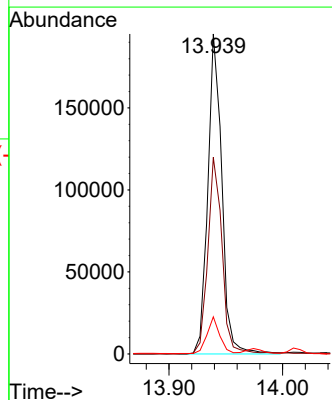
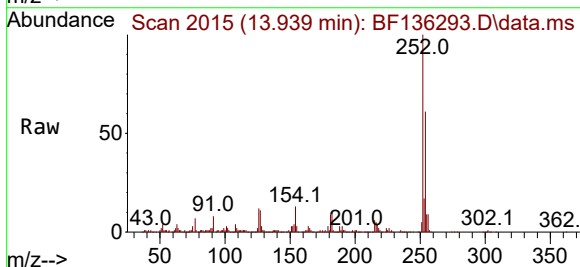
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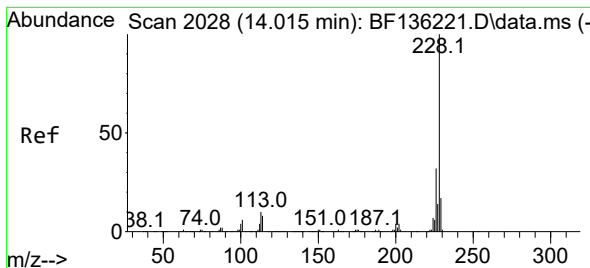
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.866 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Tgt Ion:252 Resp: 166675
Ion Ratio Lower Upper
252 100
254 61.4 47.4 71.2
126 11.6 8.3 12.5





#83

Chrysene

Concen: 49.801 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:228 Resp: 83516

Ion Ratio Lower Upper

228 100

226 31.4 25.5 38.3

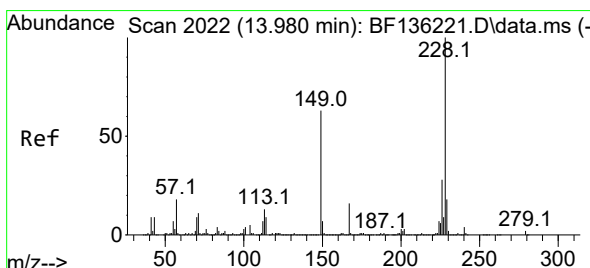
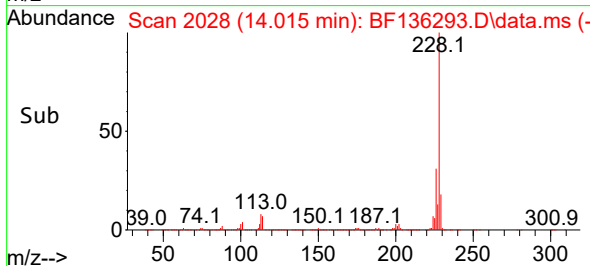
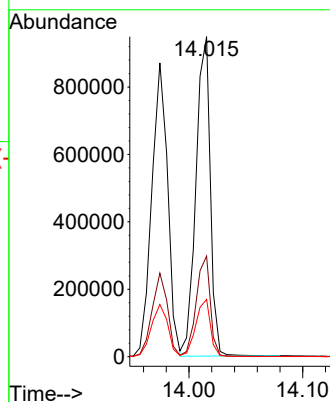
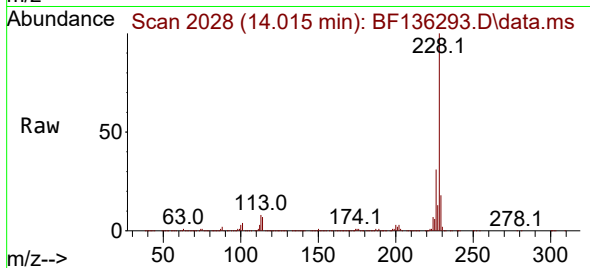
229 17.9 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

Supervised By :mohammad ahmed 12/01/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.690 ng

RT: 13.974 min Scan# 2021

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

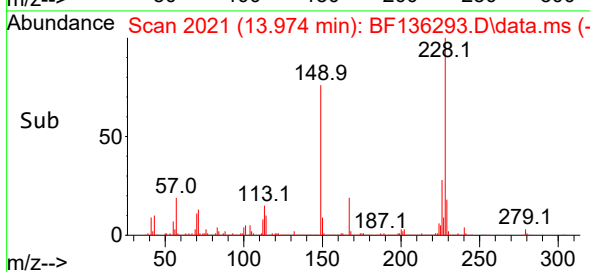
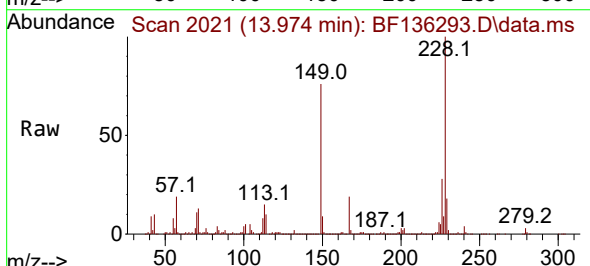
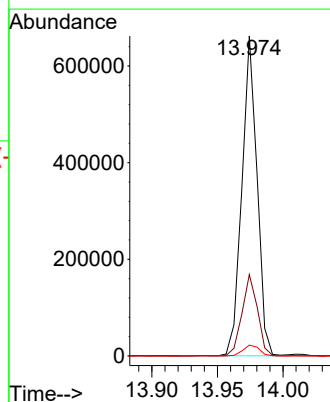
Tgt Ion:149 Resp: 532684

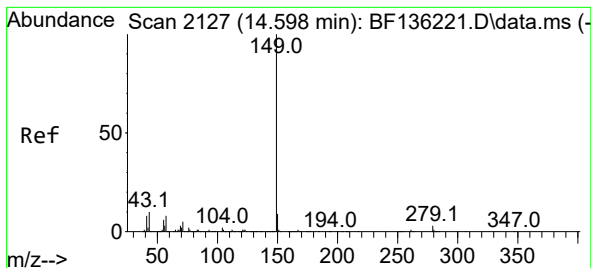
Ion Ratio Lower Upper

149 100

167 25.4 20.2 30.2

279 3.4 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 65.282 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136293.D

Acq: 29 Nov 2023 20:18

Instrument :

BNA_F

ClientSampleId :

TP-2MS

Tgt Ion:149 Resp: 1046514

Ion Ratio Lower Upper

149 100

167 1.4 1.0 1.6

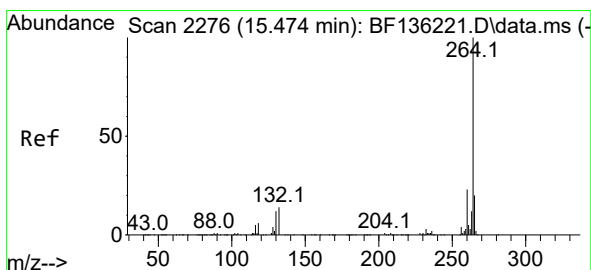
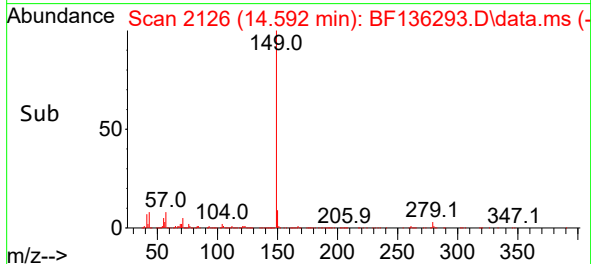
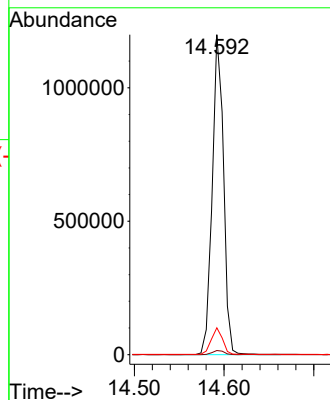
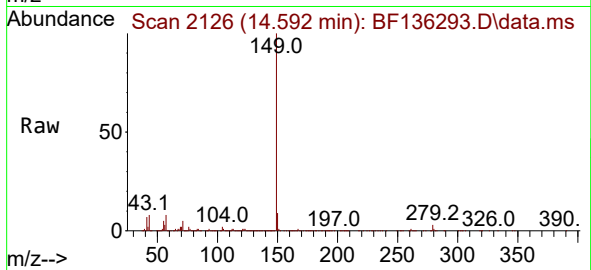
43 8.4 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/30/2023

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: BF136293.D

Acq: 29 Nov 2023 20:18

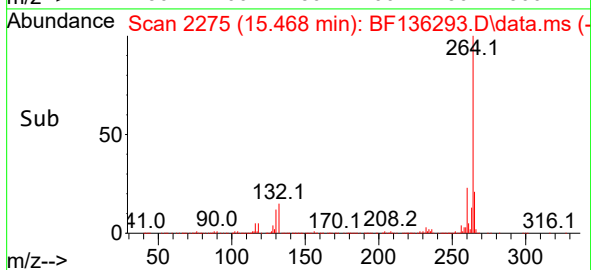
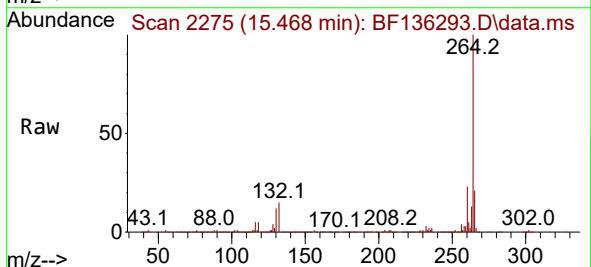
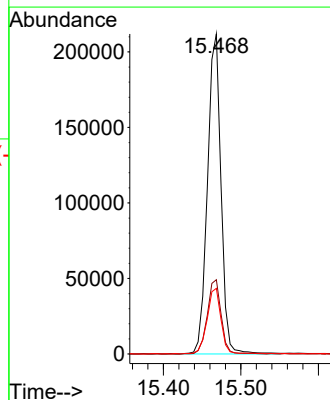
Tgt Ion:264 Resp: 256589

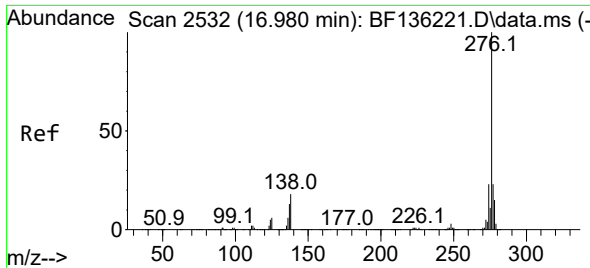
Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.5 15.7 23.5





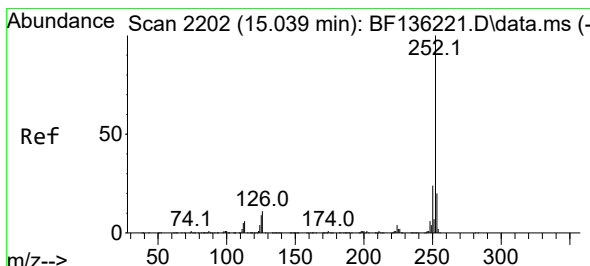
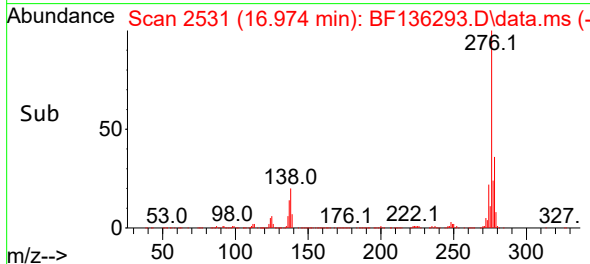
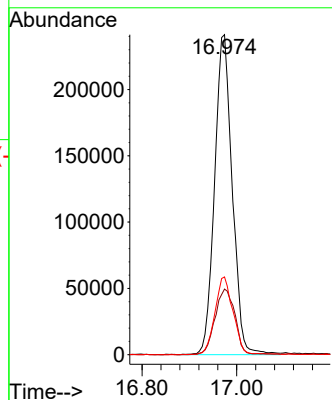
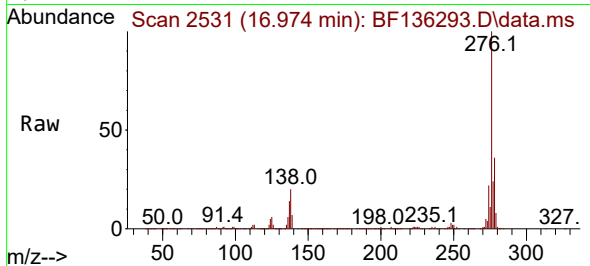
#87
Indeno(1,2,3-cd)pyrene
Concen: 33.473 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

Instrument :
BNA_F
ClientSampleId :
TP-2MS

Tgt Ion:276 Resp: 62552
Ion Ratio Lower Upper
276 100
138 23.1 17.7 26.5
277 24.9 19.6 29.4

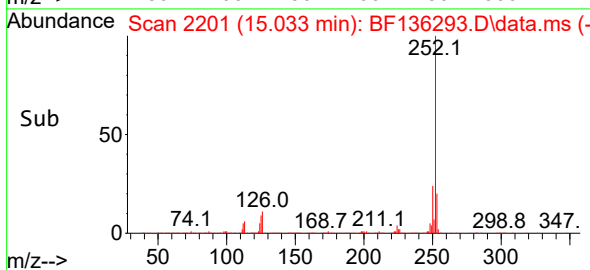
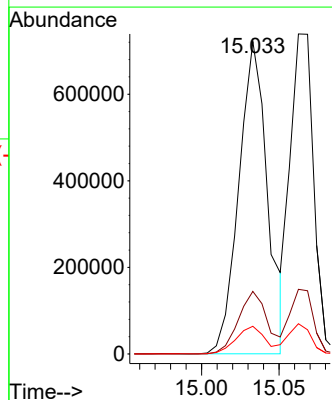
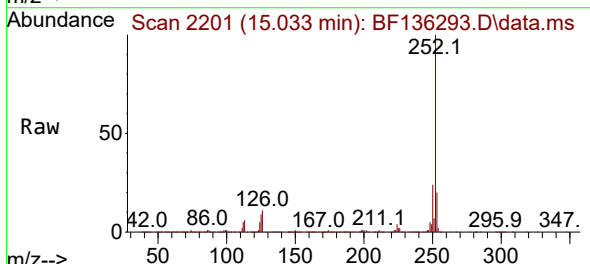
Manual Integrations
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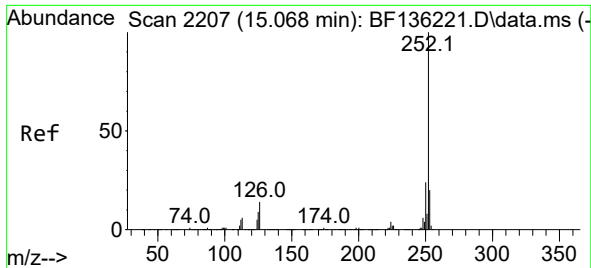
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#88
Benzo(b)fluoranthene
Concen: 51.647 ng
RT: 15.033 min Scan# 2201
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

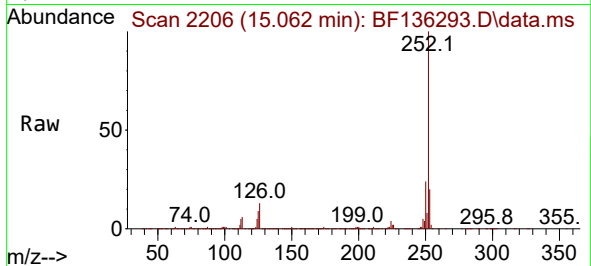
Tgt Ion:252 Resp: 929743
Ion Ratio Lower Upper
252 100
253 20.0 16.2 24.2
125 8.8 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 45.403 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

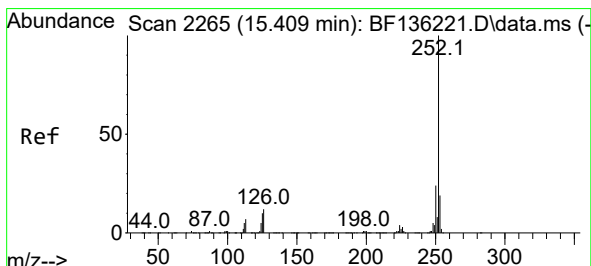
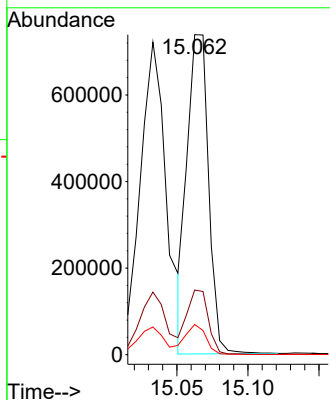
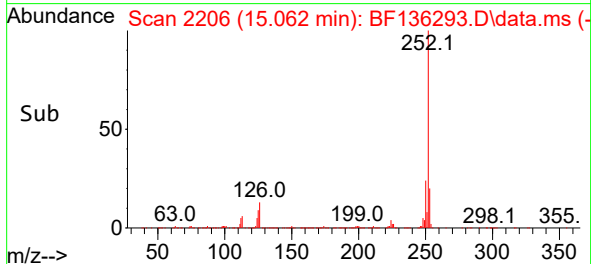
Instrument :
BNA_F
ClientSampleId :
TP-2MS



Tgt Ion:252 Resp: 77628
Ion Ratio Lower Upper
252 100
253 20.2 15.6 23.4
125 9.4 7.0 10.4

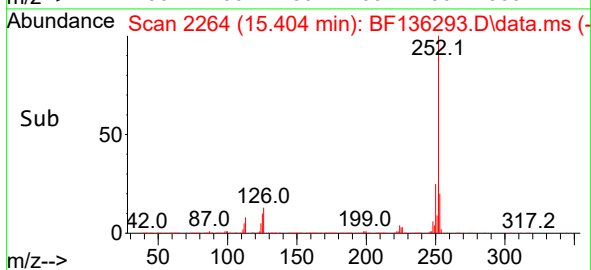
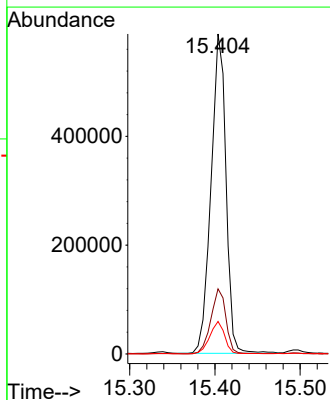
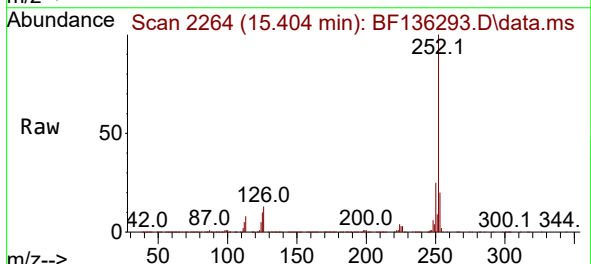
Manual Integrations
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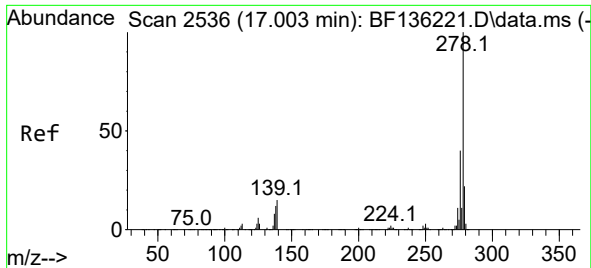
Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 48.691 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

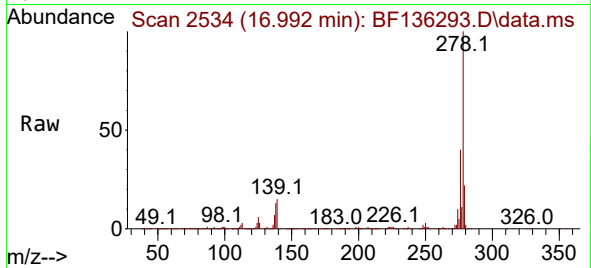
Tgt Ion:252 Resp: 716542
Ion Ratio Lower Upper
252 100
253 20.3 15.5 23.3
125 10.1 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 34.384 ng
RT: 16.992 min Scan# 21
Delta R.T. -0.011 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18

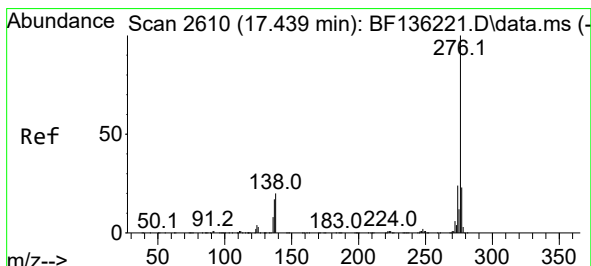
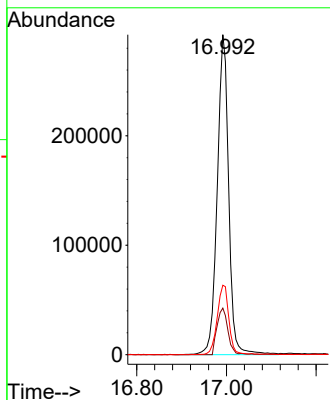
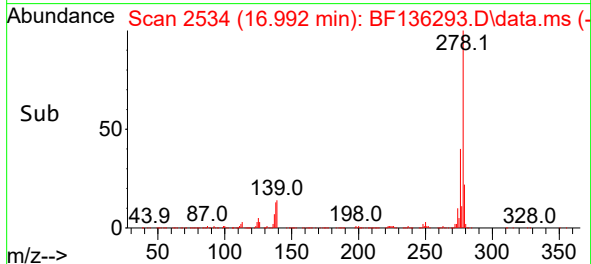
Instrument :
BNA_F
ClientSampleId :
TP-2MS



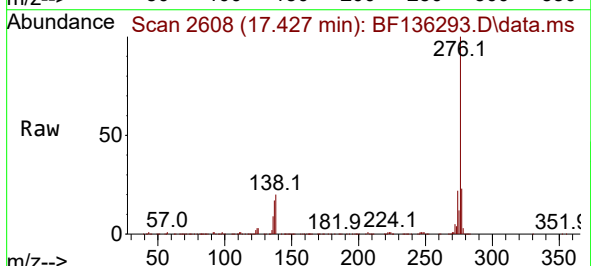
Tgt Ion:278 Resp: 51674
Ion Ratio Lower Upper
278 100
139 14.5 11.7 17.5
279 21.7 17.8 26.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/30/2023
Supervised By :mohammad ahmed 12/01/2023



#92
Benzo(g,h,i)perylene
Concen: 30.805 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136293.D
Acq: 29 Nov 2023 20:18



Tgt Ion:276 Resp: 464880
Ion Ratio Lower Upper
276 100
277 22.7 18.6 27.8
138 20.2 15.8 23.8

