

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112723\
 Data File : BF136232.D
 Acq On : 27 Nov 2023 20:29
 Operator : CG\JU
 Sample : 05468-04MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS

Quant Time: Nov 28 04:10:51 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 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	119454	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	511480	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	259656	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	460458	20.000	ng	0.00
76) Chrysene-d12	13.986	240	216087	20.000	ng	0.00
86) Perylene-d12	15.468	264	233041	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	1185920	138.181	ng	0.02
7) Phenol-d6	6.445	99	1341420	125.003	ng	0.00
23) Nitrobenzene-d5	7.369	82	951429	98.296	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	446636	140.694	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1987310	97.760	ng	0.00
79) Terphenyl-d14	12.927	244	1610637	85.977	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.787	88	151989	46.804	ng	# 84
3) Pyridine	3.493	79	292157	36.446	ng	98
4) n-Nitrosodimethylamine	3.440	42	199418	49.214	ng	98
6) Aniline	6.475	93	127783	12.598	ng	97
8) 2-Chlorophenol	6.592	128	466245	49.893	ng	96
9) Benzaldehyde	6.363	77	31945	5.341	ng	95
10) Phenol	6.457	94	506767	44.018	ng	95
11) bis(2-Chloroethyl)ether	6.551	93	429106	50.807	ng	97
12) 1,3-Dichlorobenzene	6.751	146	467791	44.111	ng	98
13) 1,4-Dichlorobenzene	6.822	146	480825	44.600	ng	98
14) 1,2-Dichlorobenzene	6.975	146	458033	44.878	ng	98
15) Benzyl Alcohol	6.951	79	393333	52.278	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.081	45	573845	48.916	ng	98
17) 2-Methylphenol	7.063	107	364437	49.605	ng	98
18) Hexachloroethane	7.316	117	166957	44.151	ng	97
19) n-Nitroso-di-n-propyla...	7.222	70	331994	51.727	ng	98
20) 3+4-Methylphenols	7.216	107	457603	47.926	ng	92
22) Acetophenone	7.216	105	701161	52.196	ng	# 95
24) Nitrobenzene	7.386	77	475599	48.487	ng	99
25) Isophorone	7.628	82	898861	51.502	ng	98
26) 2-Nitrophenol	7.704	139	226597	54.219	ng	95
27) 2,4-Dimethylphenol	7.739	122	341327	62.051	ng	98
28) bis(2-Chloroethoxy)met...	7.839	93	546465	51.764	ng	99
29) 2,4-Dichlorophenol	7.939	162	388449	52.354	ng	97
30) 1,2,4-Trichlorobenzene	8.022	180	437192	48.128	ng	99
31) Naphthalene	8.104	128	1429113	49.710	ng	99
32) Benzoic acid	7.863	122	248252	49.519	ng	93
33) 4-Chloroaniline	8.151	127	42667	4.366	ng	96
34) Hexachlorobutadiene	8.222	225	246191	46.325	ng	97
35) Caprolactam	8.528	113	94388m	45.507	ng	
36) 4-Chloro-3-methylphenol	8.639	107	402287	49.992	ng	99
37) 2-Methylnaphthalene	8.798	142	890652	49.387	ng	100
38) 1-Methylnaphthalene	8.898	142	860885	48.935	ng	94
40) 1,2,4,5-Tetrachloroben...	8.963	216	433142	52.416	ng	98
41) Hexachlorocyclopentadiene	8.951	237	467116	146.906	ng	97
43) 2,4,6-Trichlorophenol	9.075	196	280278	52.255	ng	94

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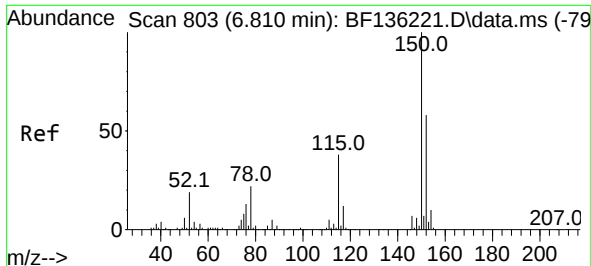
Quant Time: Nov 28 04:10:51 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112723.M
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	285700	48.810	ng	98
46) 1,1'-Biphenyl	9.263	154	1201393	52.468	ng	99
47) 2-Chloronaphthalene	9.286	162	899762	50.600	ng	99
48) 2-Nitroaniline	9.386	65	229356	49.402	ng	90
49) Acenaphthylene	9.704	152	1423652	56.102	ng	99
50) Dimethylphthalate	9.575	163	1071978	54.622	ng	98
51) 2,6-Dinitrotoluene	9.633	165	208718	52.058	ng	89
52) Acenaphthene	9.874	154	818633	51.048	ng	99
53) 3-Nitroaniline	9.792	138	22205	5.582	ng	# 96
54) 2,4-Dinitrophenol	9.904	184	199732	107.114	ng	99
55) Dibenzofuran	10.051	168	1241982	52.047	ng	100
56) 4-Nitrophenol	9.963	139	255406	84.532	ng	97
57) 2,4-Dinitrotoluene	10.033	165	274580	51.271	ng	89
58) Fluorene	10.392	166	953553	50.944	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	240758	51.696	ng	99
60) Diethylphthalate	10.274	149	1004414	51.163	ng	100
61) 4-Chlorophenyl-phenyle...	10.386	204	460313	50.640	ng	95
62) 4-Nitroaniline	10.416	138	162107	41.630	ng	98
63) Azobenzene	10.551	77	928924	51.040	ng	97
65) 4,6-Dinitro-2-methylph...	10.439	198	126360	50.183	ng	95
66) n-Nitrosodiphenylamine	10.510	169	806863	54.680	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	287492	53.517	ng	95
68) Hexachlorobenzene	10.939	284	327080	52.608	ng	# 92
69) Atrazine	11.039	200	240139	54.860	ng	98
70) Pentachlorophenol	11.139	266	345073	98.188	ng	97
71) Phenanthrene	11.357	178	1389857	53.704	ng	100
72) Anthracene	11.410	178	1414601	54.506	ng	100
73) Carbazole	11.569	167	1040011	47.117	ng	99
74) Di-n-butylphthalate	11.904	149	1588447	57.515	ng	100
75) Fluoranthene	12.551	202	1252089	47.658	ng	98
77) Benzidine	12.674	184	67487	18.999	ng	96
78) Pyrene	12.780	202	1234986	52.186	ng	99
80) Butylbenzylphthalate	13.415	149	465577	63.213	ng	91
81) Benzo(a)anthracene	13.974	228	854422	53.234	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	113718	29.434	ng	97
83) Chrysene	14.015	228	821364	53.001	ng	99
84) Bis(2-ethylhexyl)phtha...	13.980	149	636161	71.971	ng	# 99
85) Di-n-octyl phthalate	14.598	149	995158	67.028	ng	99
87) Indeno(1,2,3-cd)pyrene	16.974	276	743980	43.005	ng	100
88) Benzo(b)fluoranthene	15.033	252	844626	51.660	ng	99
89) Benzo(k)fluoranthene	15.062	252	718422	46.265	ng	98
90) Benzo(a)pyrene	15.404	252	675886	50.569	ng	98
91) Dibenzo(a,h)anthracene	16.998	278	604465	43.505	ng	98
92) Benzo(g,h,i)perylene	17.427	276	547670	39.393	ng	99

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



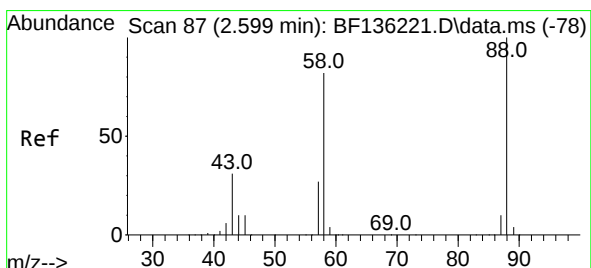
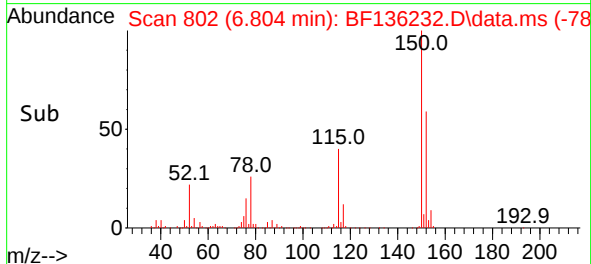
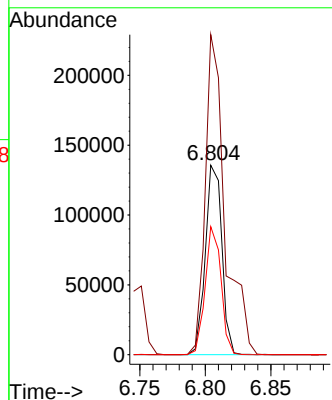
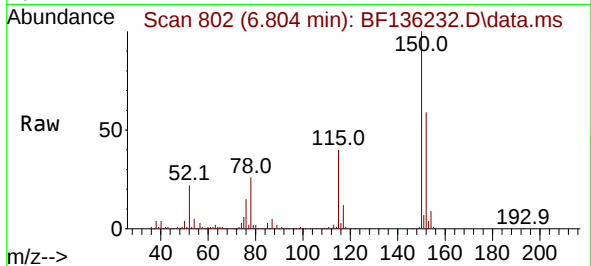
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion:152 Resp: 119454
Ion Ratio Lower Upper
152 100
150 168.9 137.8 206.8
115 67.6 52.7 79.1

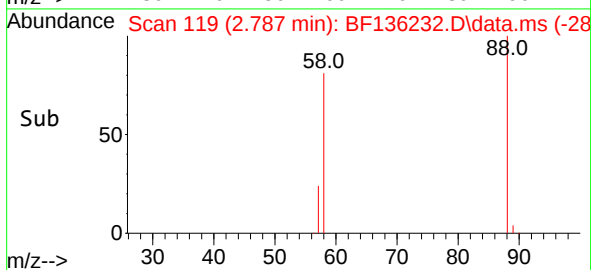
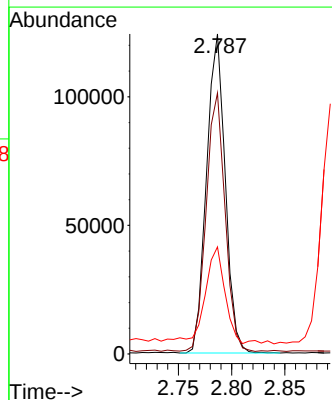
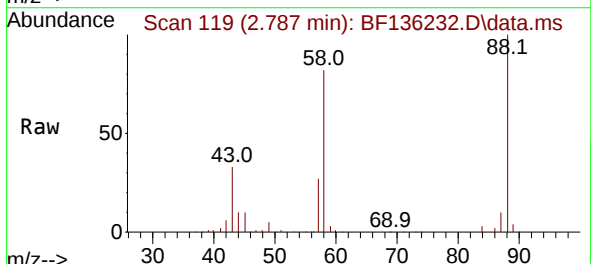
Manual Integrations
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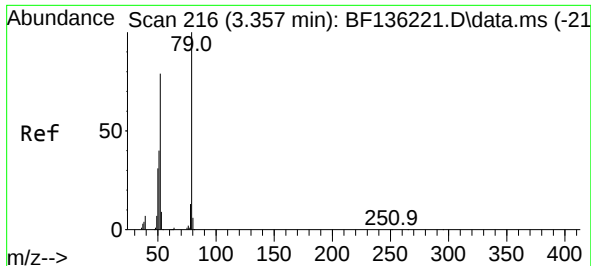
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#2
1,4-Dioxane
Concen: 46.804 ng
RT: 2.787 min Scan# 119
Delta R.T. 0.188 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

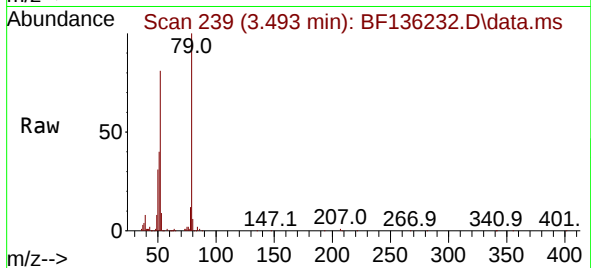
Tgt Ion: 88 Resp: 151989
Ion Ratio Lower Upper
88 100
58 81.5 65.9 98.9
43 0.0 24.8 37.2#





#3
Pyridine
Concen: 36.446 ng
RT: 3.493 min Scan# 216
Delta R.T. 0.135 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

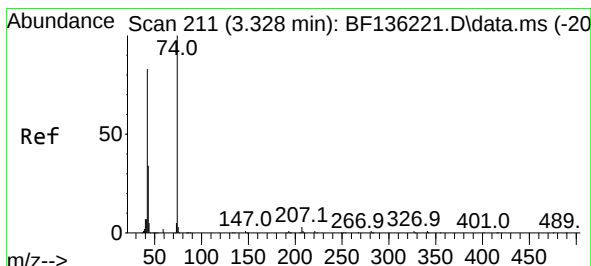
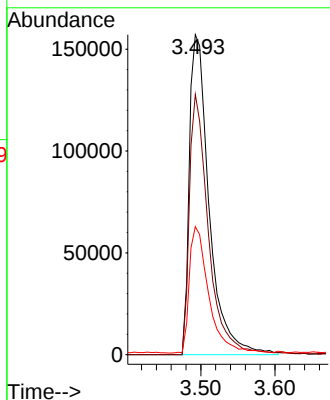
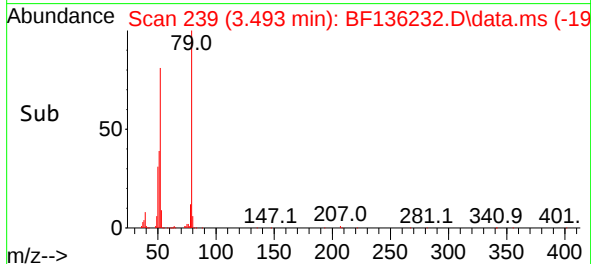
Instrument :
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TP-9MS



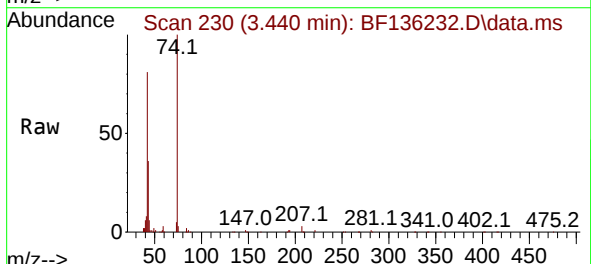
Tgt Ion: 79 Resp: 29215
Ion Ratio Lower Upper
79 100
52 81.3 63.2 94.8
51 40.0 32.6 49.0

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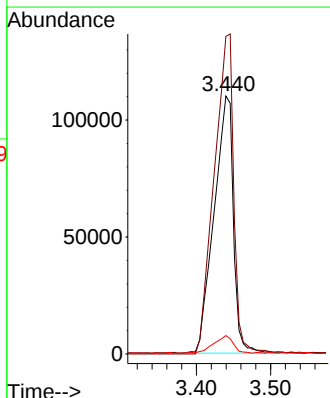
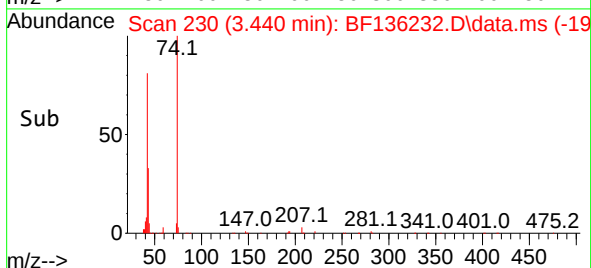
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

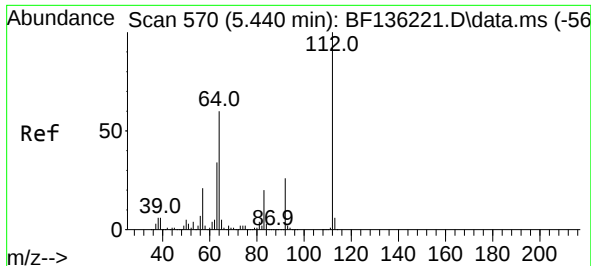


#4
n-Nitrosodimethylamine
Concen: 49.214 ng
RT: 3.440 min Scan# 230
Delta R.T. 0.112 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion: 42 Resp: 199418
Ion Ratio Lower Upper
42 100
74 123.1 96.6 144.8
44 7.1 5.4 8.2





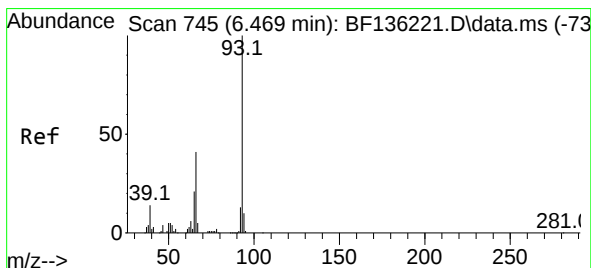
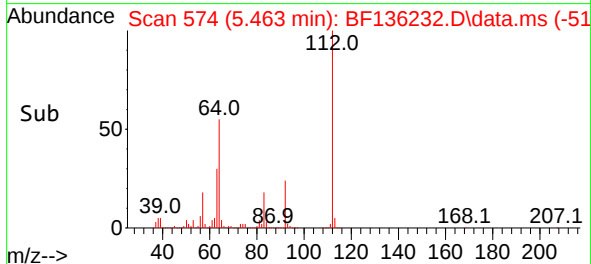
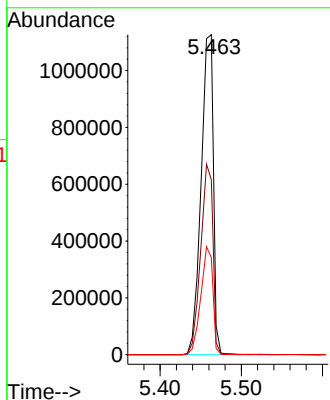
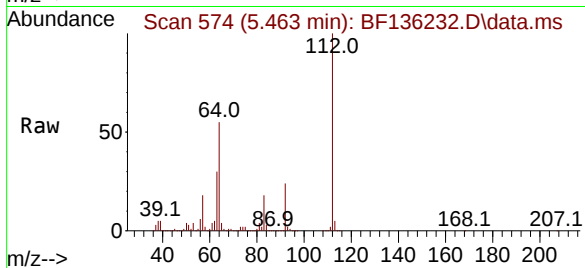
#5
2-Fluorophenol
Concen: 138.181 ng
RT: 5.463 min Scan# 51
Delta R.T. 0.023 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
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ClientSampleId :
TP-9MS

Tgt Ion:112 Resp: 1185920
Ion Ratio Lower Upper
112 100
64 54.7 48.2 72.4
63 30.4 27.0 40.6

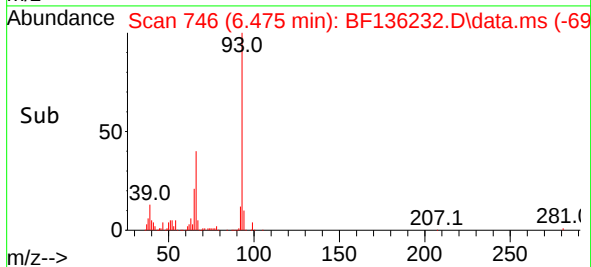
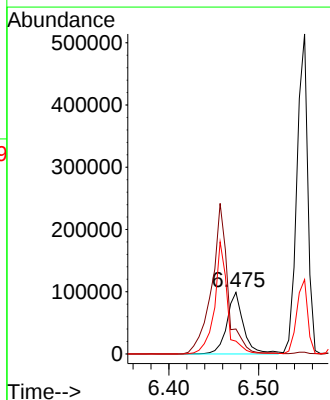
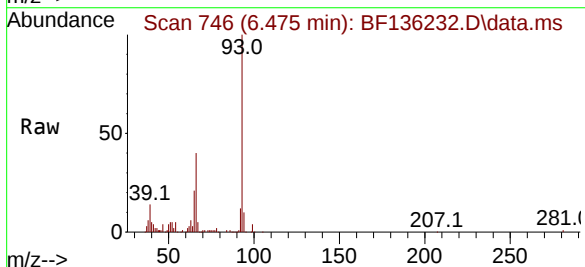
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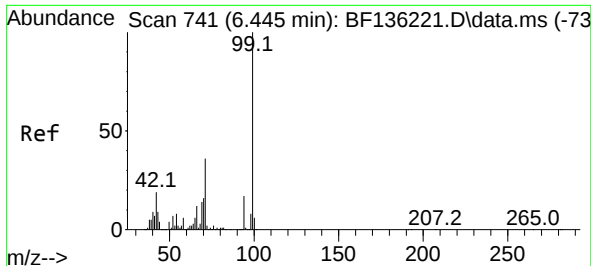
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#6
Aniline
Concen: 12.598 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion: 93 Resp: 127783
Ion Ratio Lower Upper
93 100
66 40.4 34.1 51.1
65 20.7 17.3 25.9





#7

Phenol-d6

Concen: 125.003 ng

RT: 6.445 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion: 99 Resp: 1341420

Ion Ratio Lower Upper

99 100

42 18.0 15.0 22.6

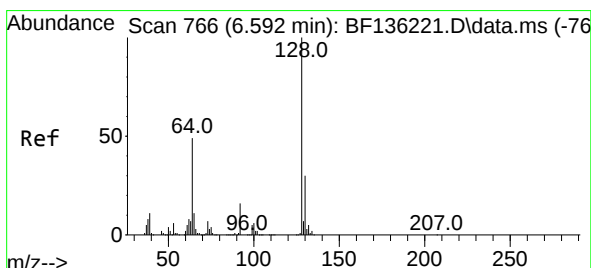
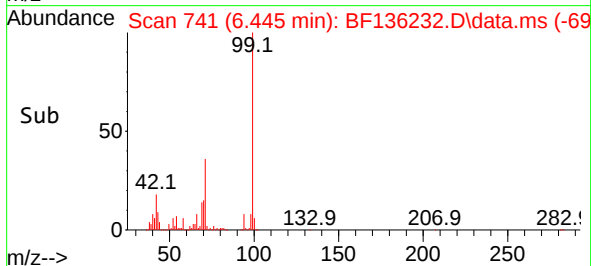
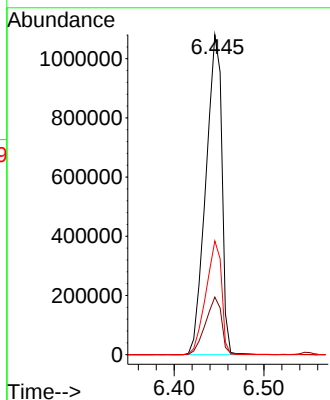
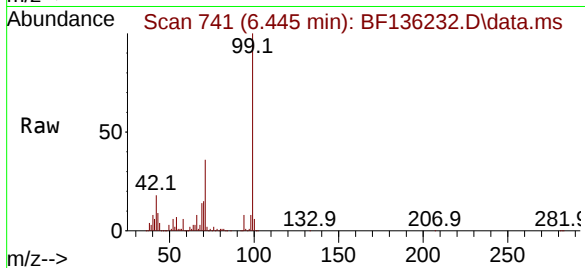
71 35.6 28.9 43.3

Manual Integrations

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#8

2-Chlorophenol

Concen: 49.893 ng

RT: 6.592 min Scan# 766

Delta R.T. -0.000 min

Lab File: BF136232.D

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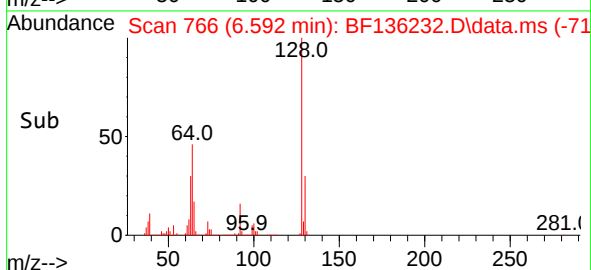
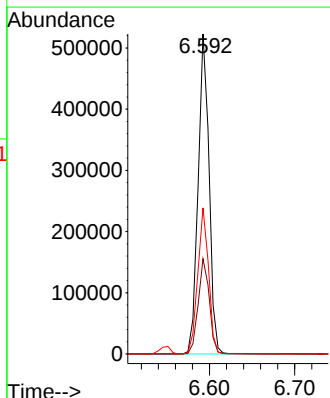
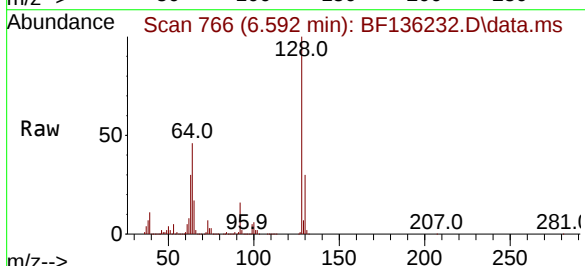
Tgt Ion:128 Resp: 466245

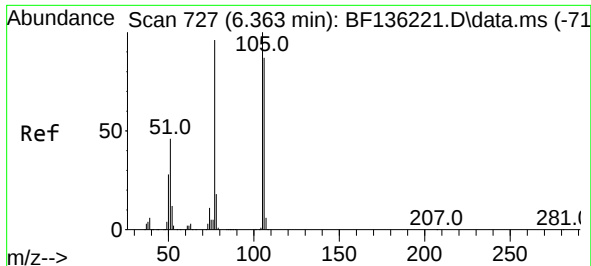
Ion Ratio Lower Upper

128 100

130 29.7 10.3 50.3

64 45.7 30.0 70.0





#9

Benzaldehyde

Concen: 5.341 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136232.D

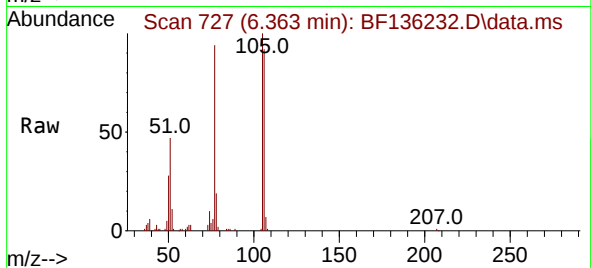
Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS



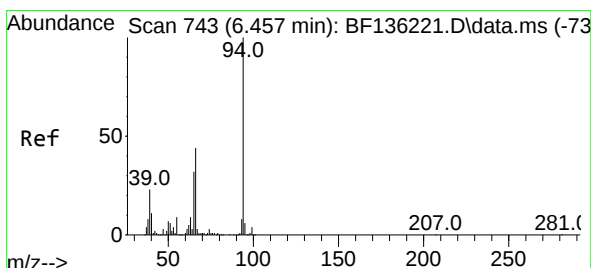
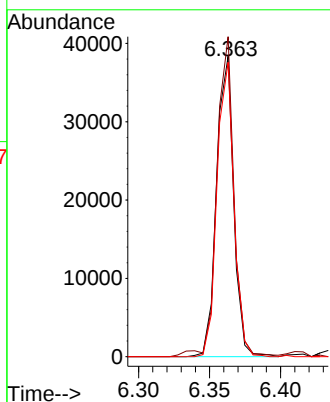
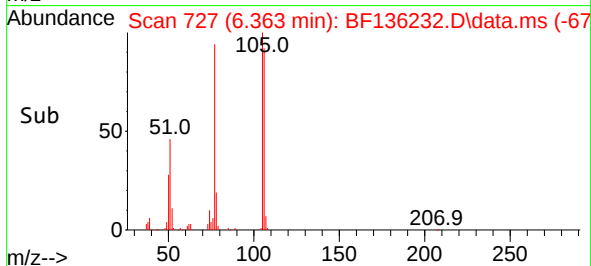
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Ion	Ratio	Lower	Upper
77	100		
105	106.5	84.3	124.3
106	98.0	71.0	111.0

Manual Integrations

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#10

Phenol

Concen: 44.018 ng

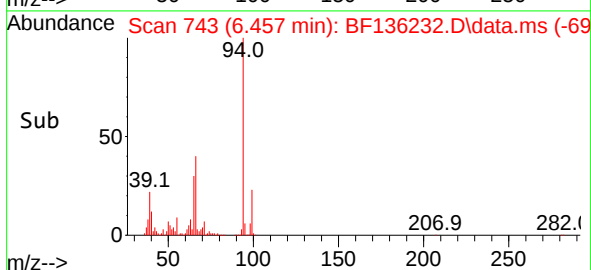
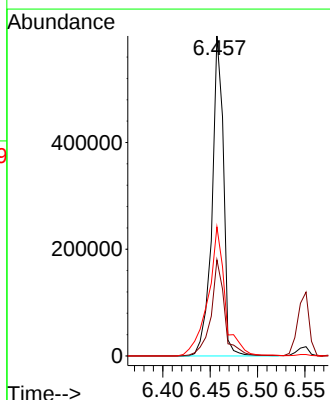
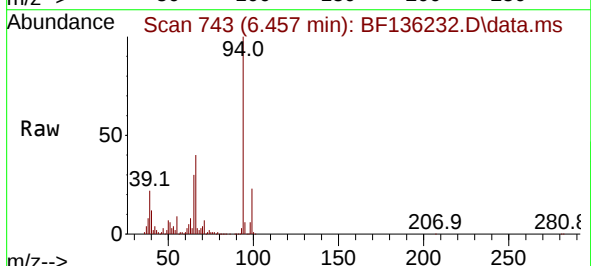
RT: 6.457 min Scan# 743

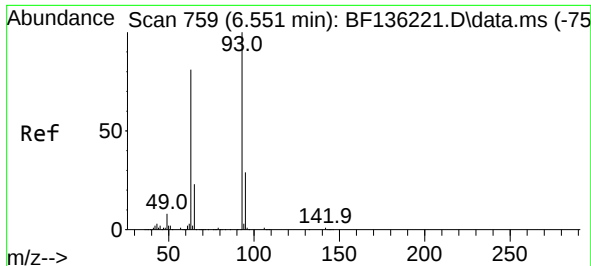
Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

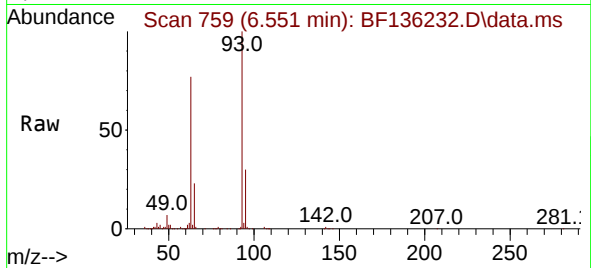
Tgt Ion:	94	Resp:	506767
Ion	Ratio	Lower	Upper
94	100		
65	30.1	12.5	52.5
66	40.3	24.1	64.1





#11
bis(2-Chloroethyl)ether
Concen: 50.807 ng
RT: 6.551 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

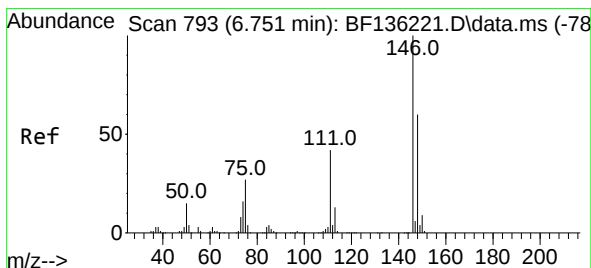
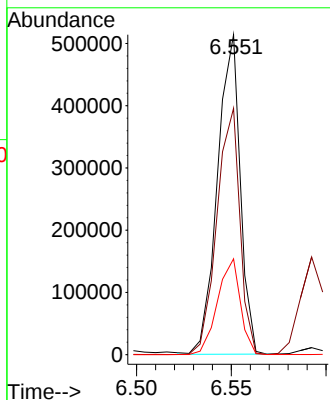
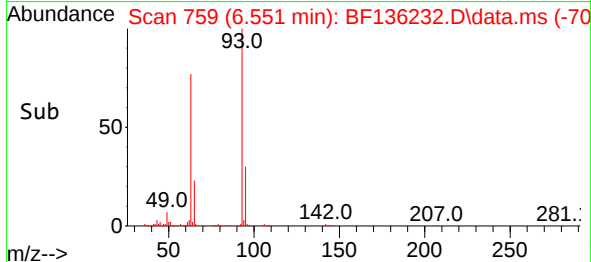
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion: 93 Resp: 429100
Ion Ratio Lower Upper
93 100
63 77.0 60.2 100.2
95 30.0 9.1 49.1

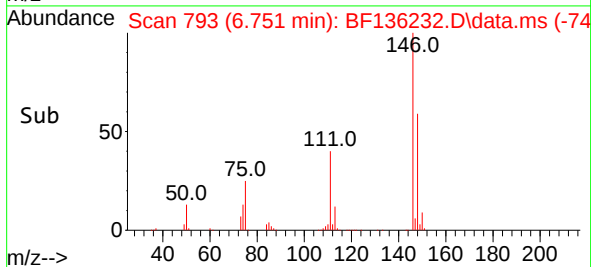
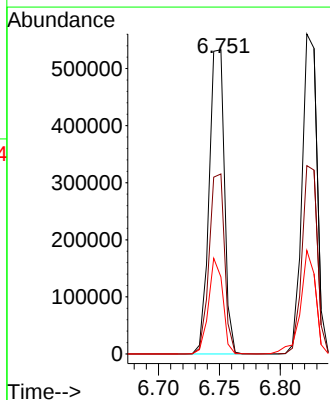
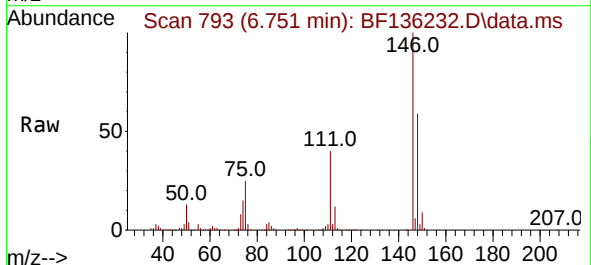
Manual Integrations
APPROVED

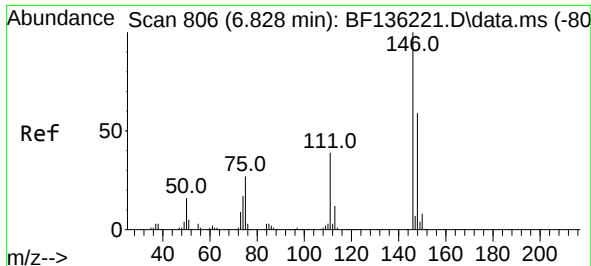
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#12
1,3-Dichlorobenzene
Concen: 44.111 ng
RT: 6.751 min Scan# 793
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:146 Resp: 467791
Ion Ratio Lower Upper
146 100
148 59.2 47.8 71.6
75 25.3 22.0 33.0





#13

1,4-Dichlorobenzene

Concen: 44.600 ng

RT: 6.822 min Scan# 806

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:146 Resp: 480825

Ion Ratio Lower Upper

146 100

148 58.8 47.0 70.6

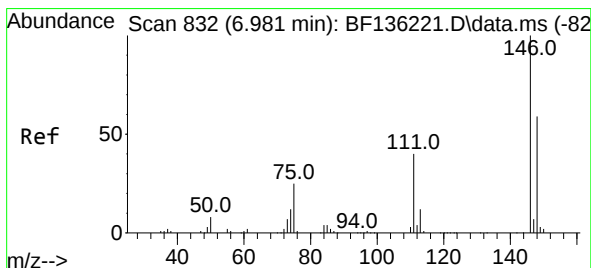
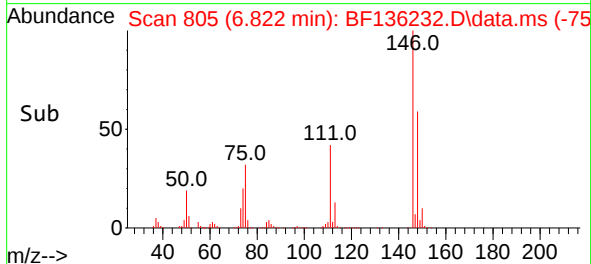
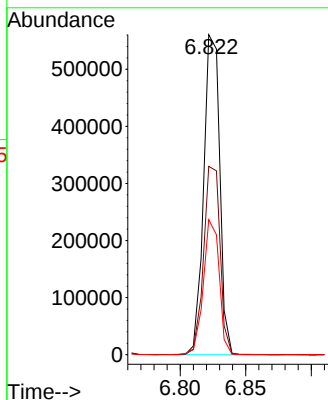
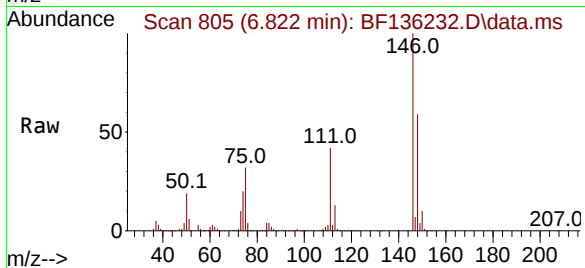
111 42.2 31.5 47.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#14

1,2-Dichlorobenzene

Concen: 44.878 ng

RT: 6.975 min Scan# 831

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

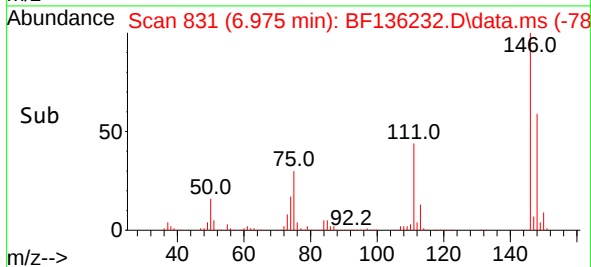
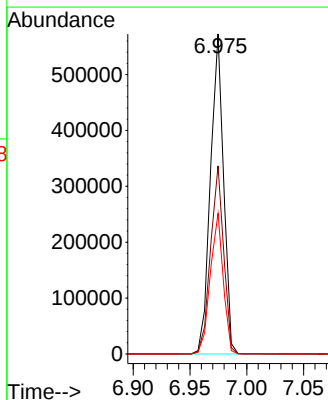
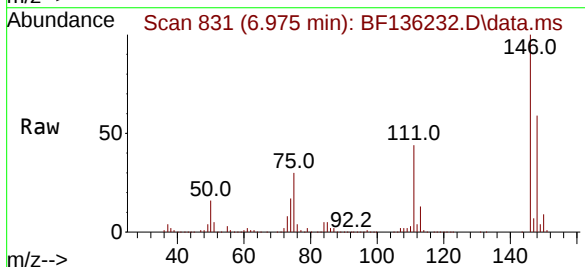
Tgt Ion:146 Resp: 458033

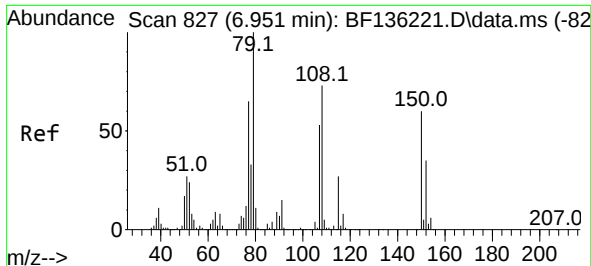
Ion Ratio Lower Upper

146 100

148 58.8 47.3 70.9

111 44.0 32.4 48.6





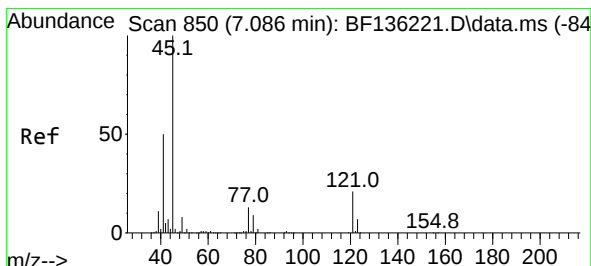
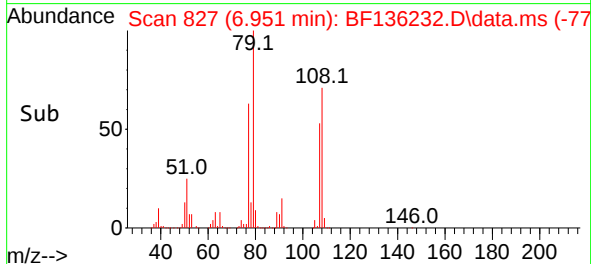
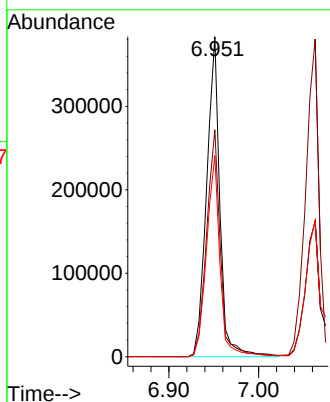
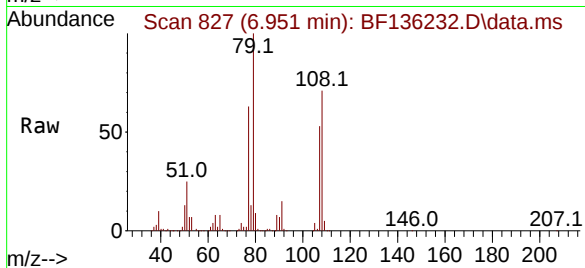
#15
Benzyl Alcohol
Concen: 52.278 ng
RT: 6.951 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion: 79 Resp: 39333
Ion Ratio Lower Upper
79 100
108 70.9 58.1 87.1
77 62.9 51.8 77.8

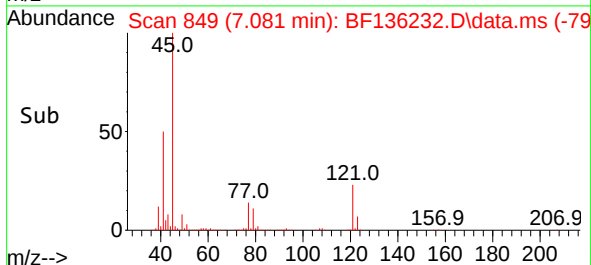
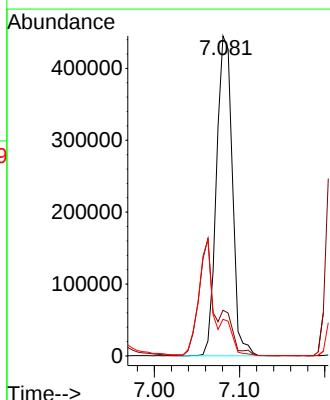
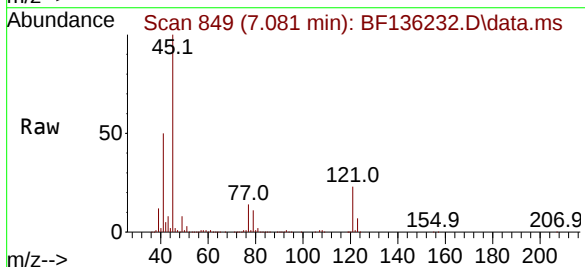
Manual Integrations
APPROVED

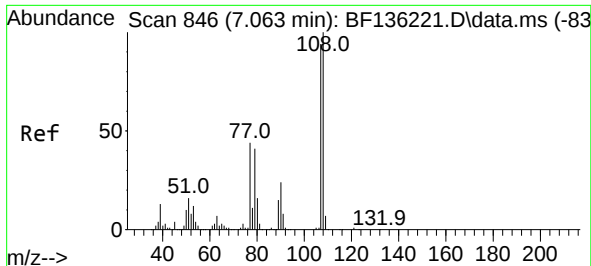
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.916 ng
RT: 7.081 min Scan# 849
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion: 45 Resp: 573845
Ion Ratio Lower Upper
45 100
77 14.3 0.0 34.0
79 11.5 0.0 30.1





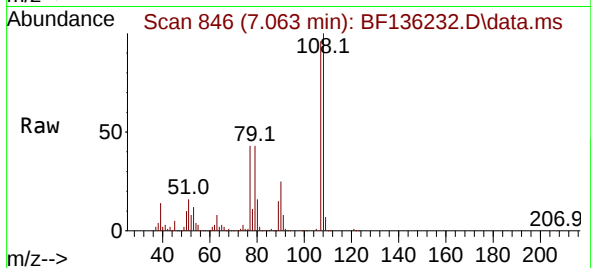
#17
2-Methylphenol
Concen: 49.605 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

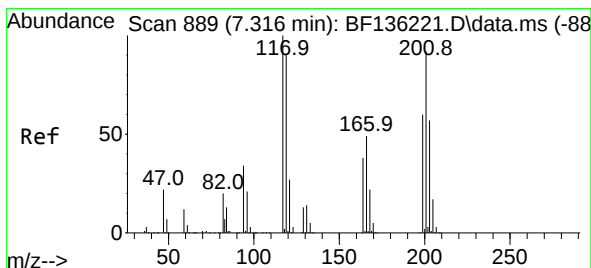
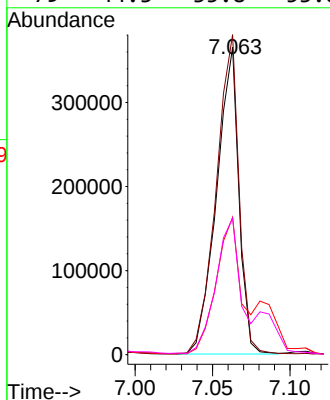
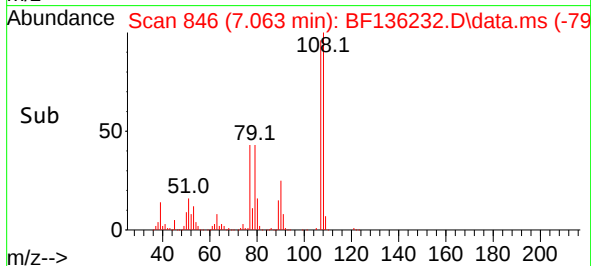


Tgt Ion:107 Resp: 364437
Ion Ratio Lower Upper
107 100
108 104.1 85.4 128.0
77 44.7 37.4 56.2
79 44.3 35.8 53.8

Manual Integrations

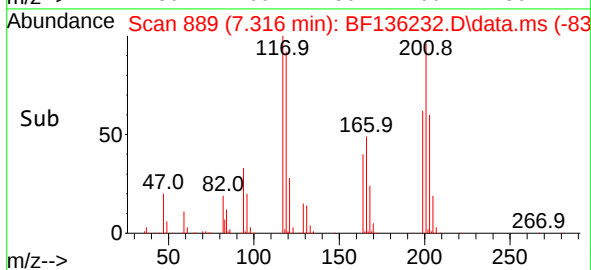
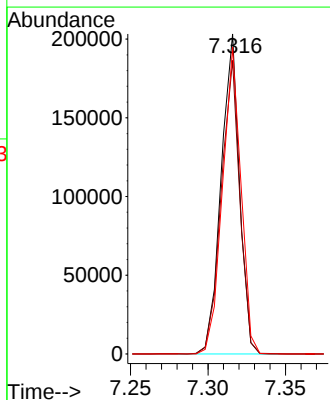
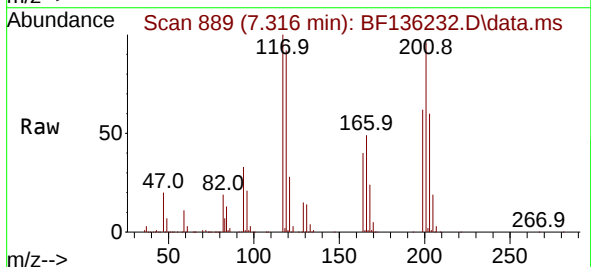
APPROVED

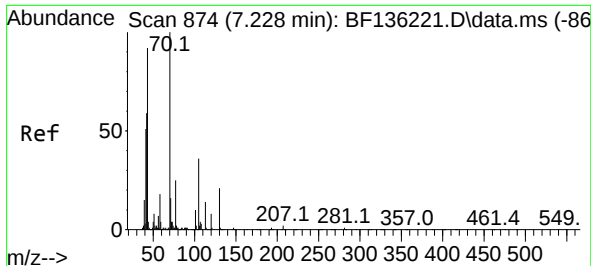
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#18
Hexachloroethane
Concen: 44.151 ng
RT: 7.316 min Scan# 889
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

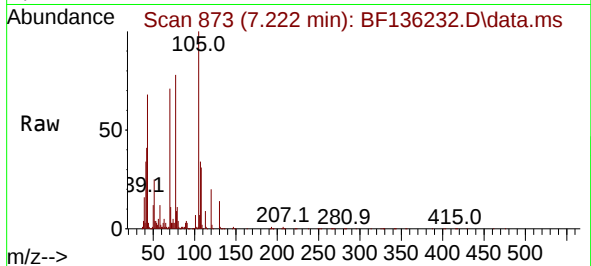
Tgt Ion:117 Resp: 166957
Ion Ratio Lower Upper
117 100
119 91.7 71.6 107.4
201 95.9 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 51.727 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

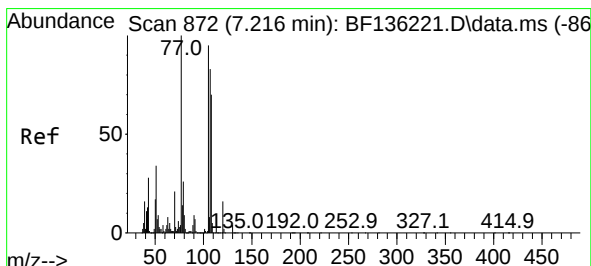
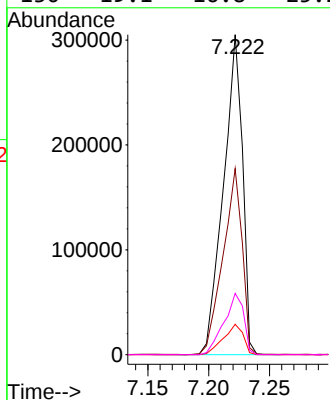
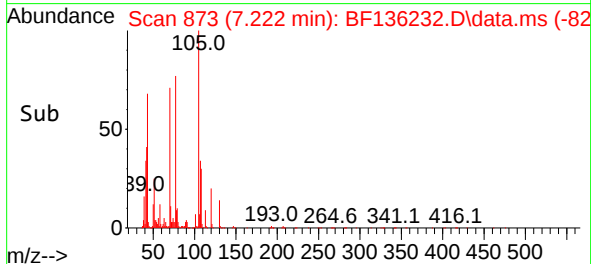
Instrument :
BNA_F
ClientSampleId :
TP-9MS



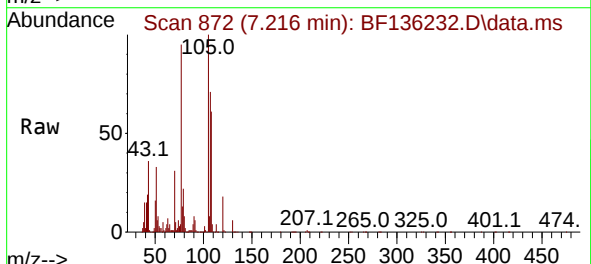
Tgt Ion: 70 Resp: 331994
Ion Ratio Lower Upper
70 100
42 58.1 47.0 70.4
101 9.5 7.8 11.8
130 19.1 16.8 25.2

Manual Integrations
APPROVED

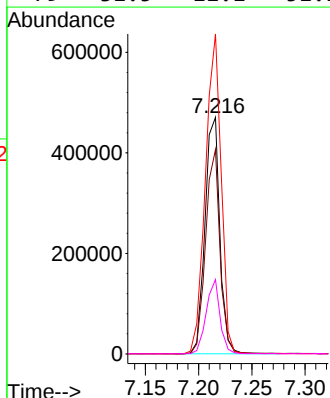
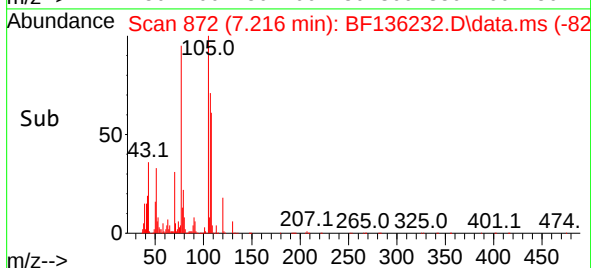
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

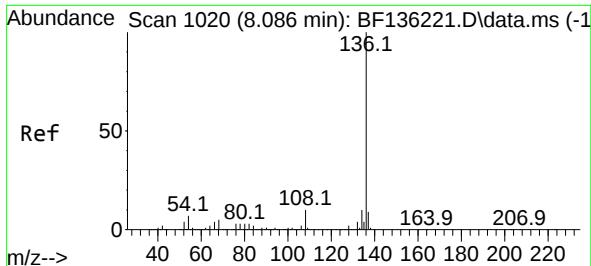


#20
3+4-Methylphenols
Concen: 47.926 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion:107 Resp: 457603
Ion Ratio Lower Upper
107 100
108 86.4 63.9 103.9
77 135.3 100.2 140.2
79 31.5 11.1 51.1





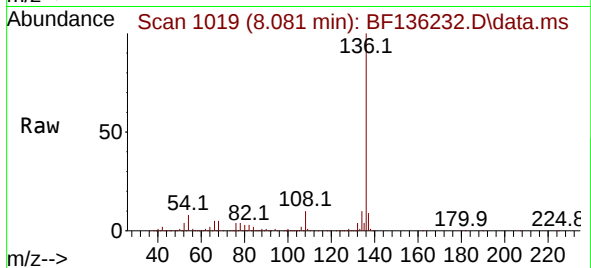
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

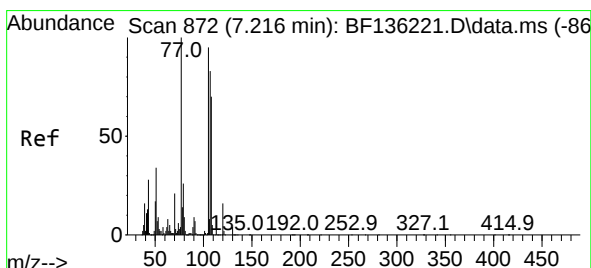
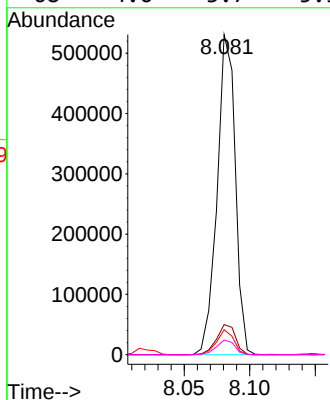
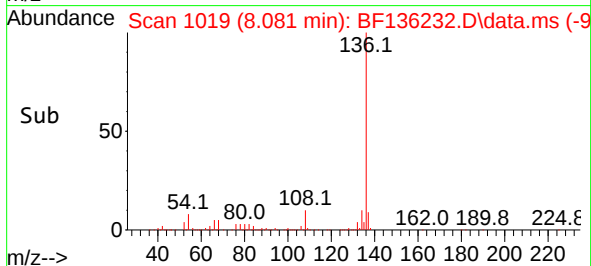


Tgt Ion:136 Resp: 511480
Ion Ratio Lower Upper
136 100
137 9.4 7.4 11.2
54 7.8 5.5 8.3
68 4.6 3.7 5.5

Manual Integrations

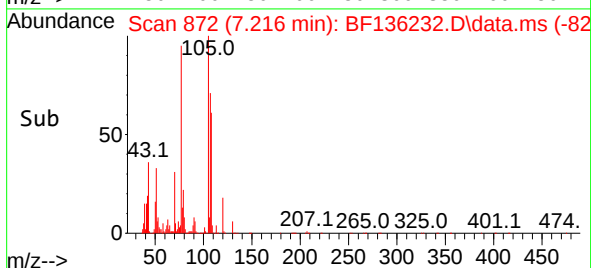
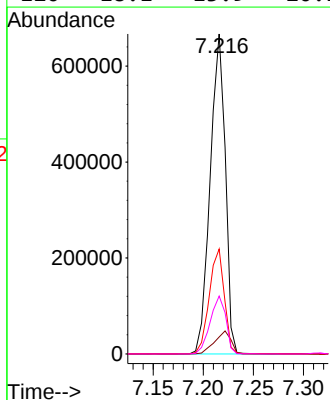
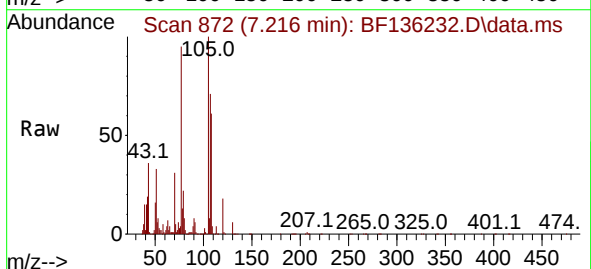
APPROVED

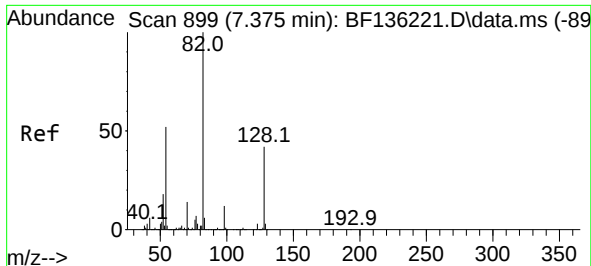
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#22
Acetophenone
Concen: 52.196 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:105 Resp: 701161
Ion Ratio Lower Upper
105 100
71 5.3 2.8 4.2#
51 32.8 29.0 43.6
120 18.1 13.9 20.9





#23

Nitrobenzene-d5

Concen: 98.296 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion: 82 Resp: 951429

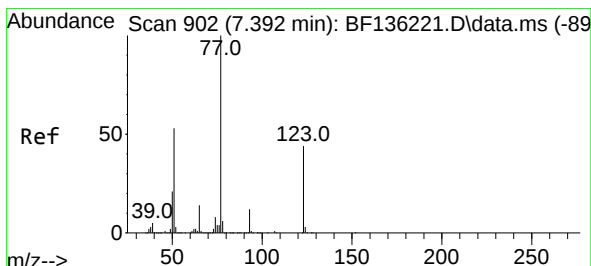
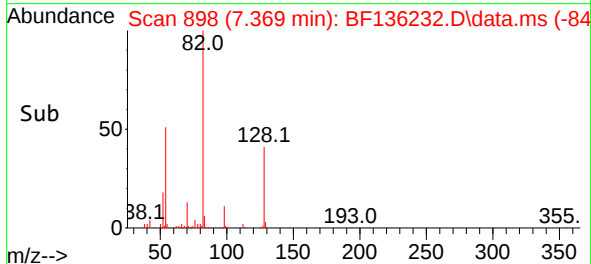
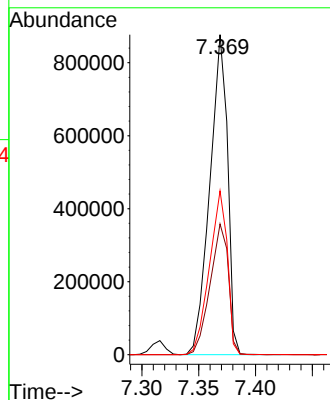
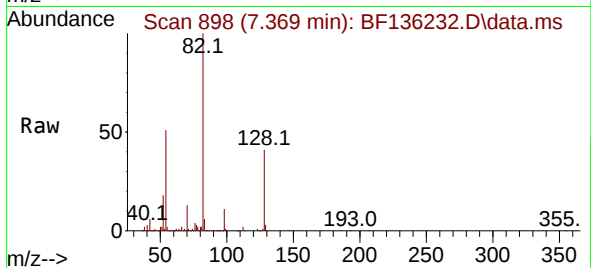
Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.4	50.2
54	51.2	41.7	62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#24

Nitrobenzene

Concen: 48.487 ng

RT: 7.386 min Scan# 901

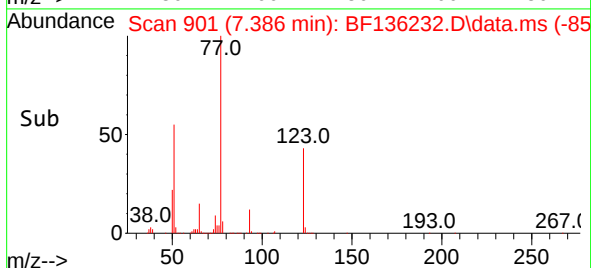
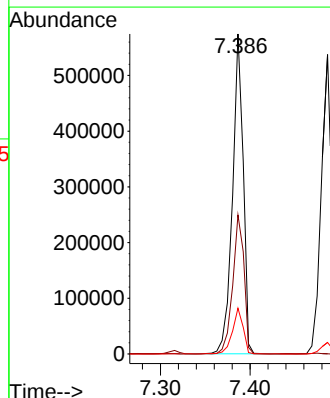
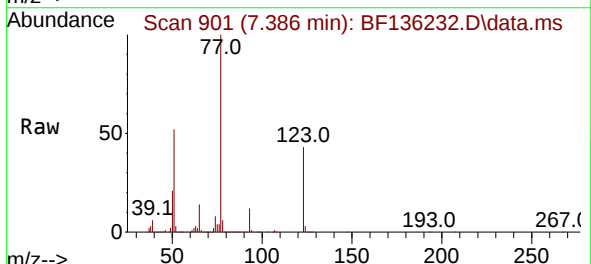
Delta R.T. -0.006 min

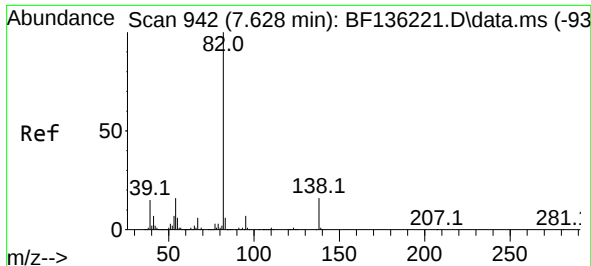
Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Tgt Ion: 77 Resp: 475599

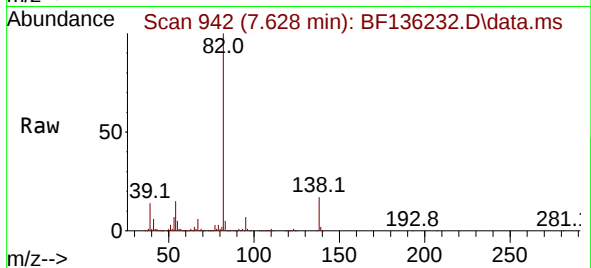
Ion	Ratio	Lower	Upper
77	100		
123	43.4	35.4	53.2
65	14.3	11.0	16.6





#25
Isophorone
Concen: 51.502 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

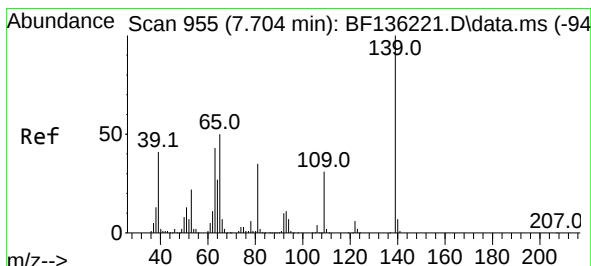
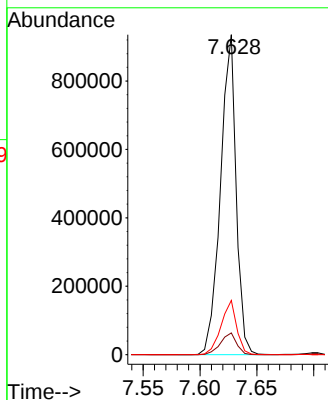
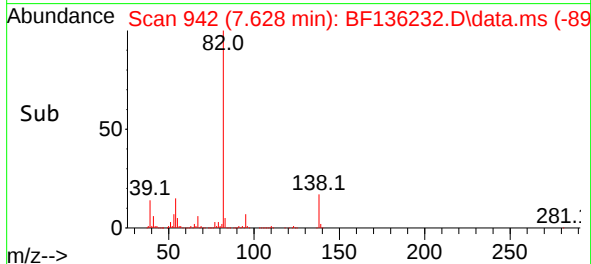
Instrument :
BNA_F
ClientSampleId :
TP-9MS



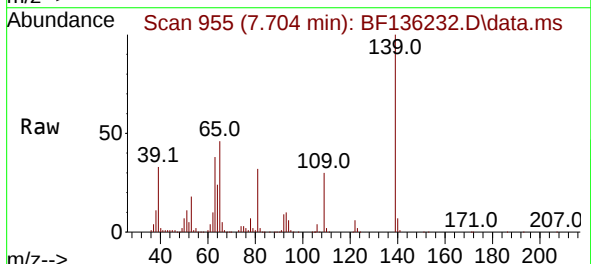
Tgt Ion: 82 Resp: 89886
Ion Ratio Lower Upper
82 100
95 6.8 5.5 8.3
138 16.9 12.8 19.2

Manual Integrations
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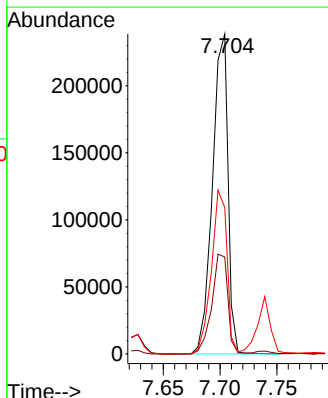
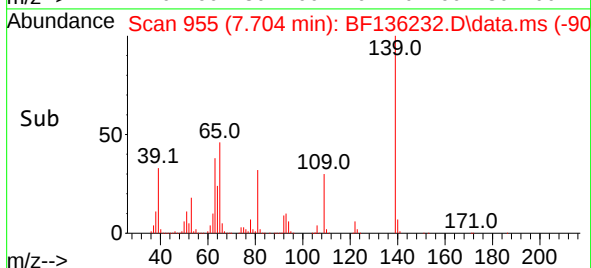
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

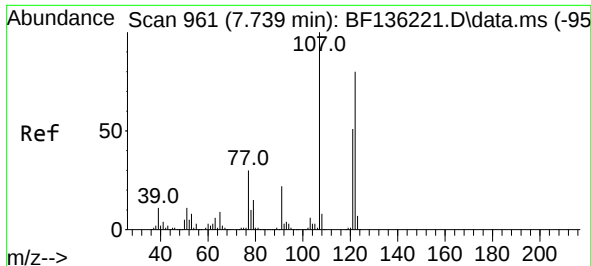


#26
2-Nitrophenol
Concen: 54.219 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



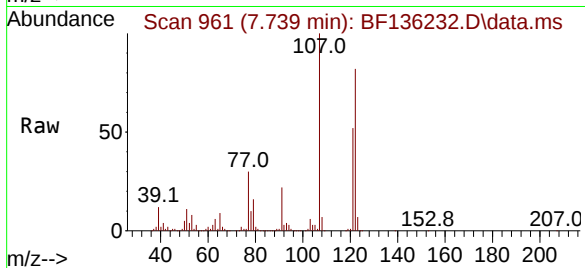
Tgt Ion:139 Resp: 226597
Ion Ratio Lower Upper
139 100
109 30.3 25.0 37.6
65 45.8 40.4 60.6





#27
2,4-Dimethylphenol
Concen: 62.051 ng
RT: 7.739 min Scan# 961
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

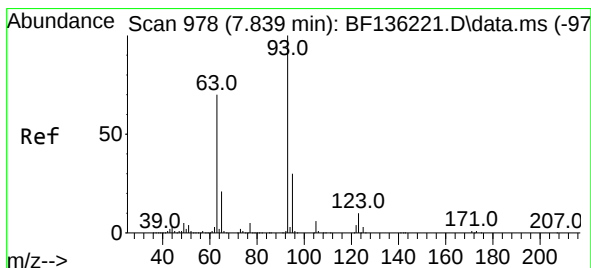
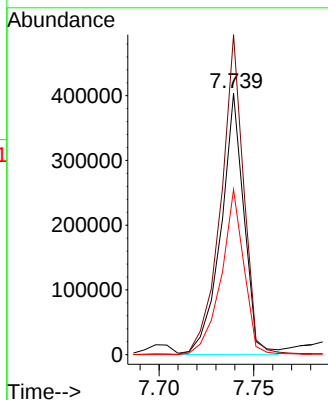
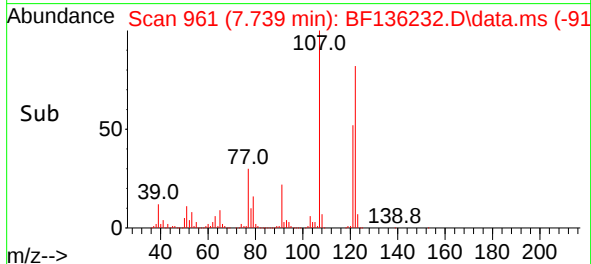
Instrument :
BNA_F
ClientSampleId :
TP-9MS



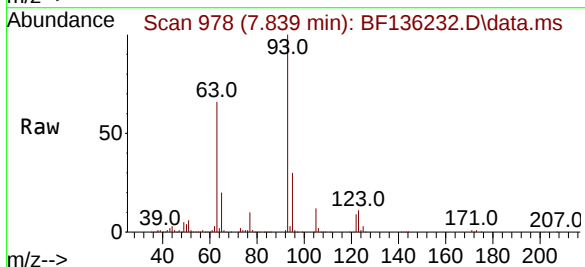
Tgt Ion:122 Resp: 341327
Ion Ratio Lower Upper
122 100
107 122.4 100.0 150.0
121 63.2 50.7 76.1

Manual Integrations
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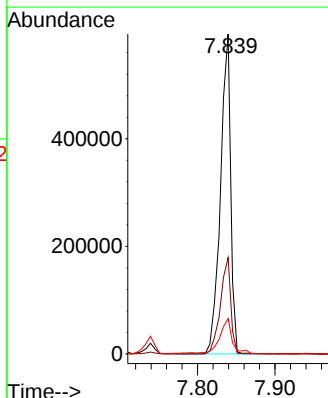
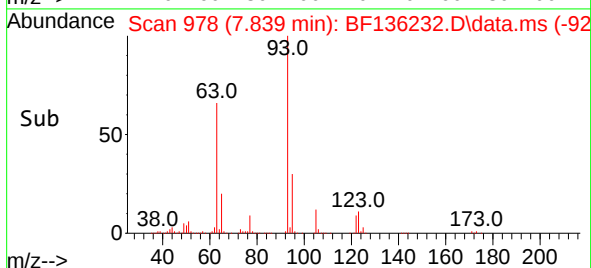
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

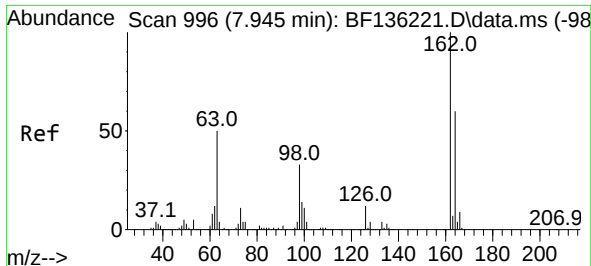


#28
bis(2-Chloroethoxy)methane
Concen: 51.764 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



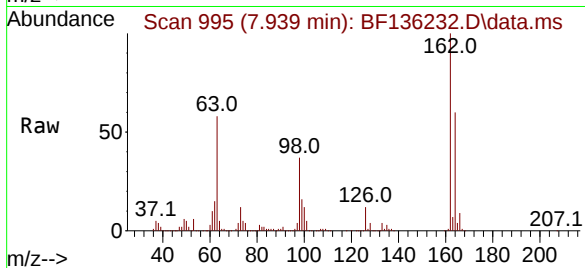
Tgt Ion: 93 Resp: 546465
Ion Ratio Lower Upper
93 100
95 30.1 23.8 35.6
123 11.0 8.2 12.4





#29
2,4-Dichlorophenol
Concen: 52.354 ng
RT: 7.939 min Scan# 996
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

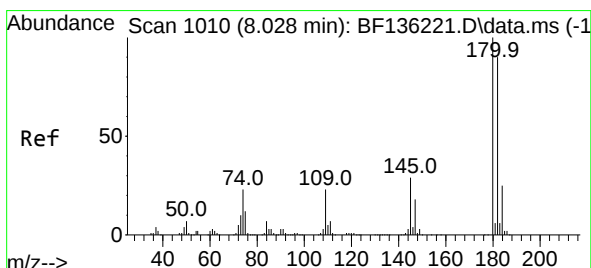
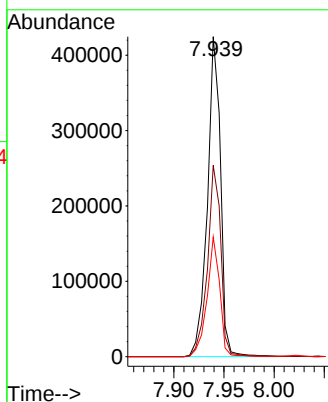
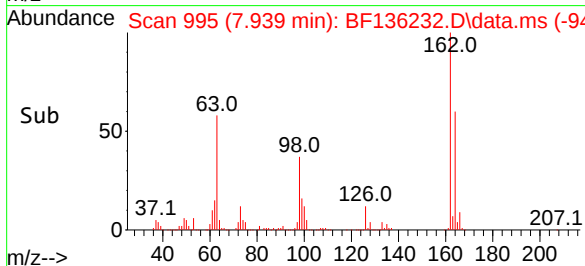
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:162 Resp: 388449
Ion Ratio Lower Upper
162 100
164 59.8 40.3 80.3
98 37.4 13.0 53.0

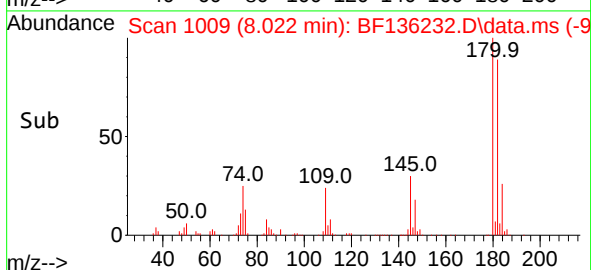
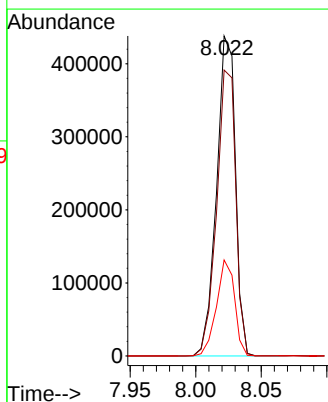
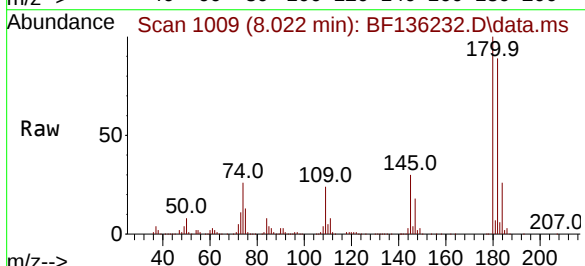
Manual Integrations
APPROVED

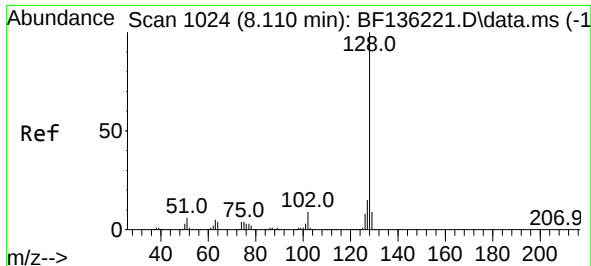
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#30
1,2,4-Trichlorobenzene
Concen: 48.128 ng
RT: 8.022 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

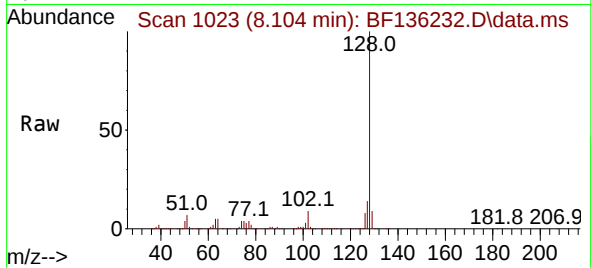
Tgt Ion:180 Resp: 437192
Ion Ratio Lower Upper
180 100
182 89.3 71.6 107.4
145 30.0 23.0 34.4





#31
Naphthalene
Concen: 49.710 ng
RT: 8.104 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

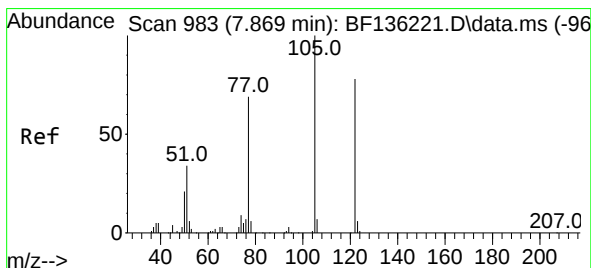
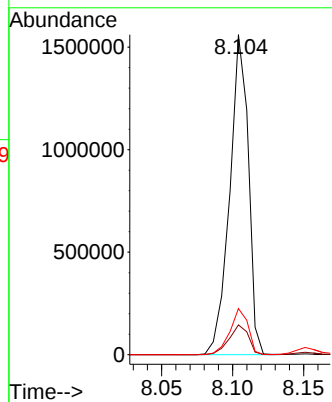
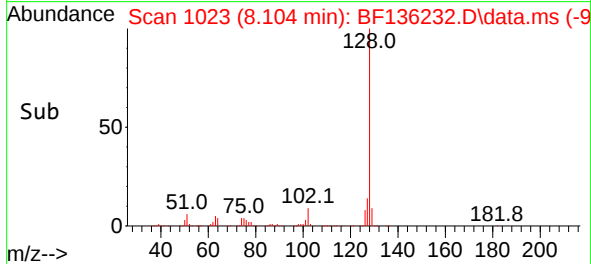
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:128 Resp: 142911
Ion Ratio Lower Upper
128 100
129 9.3 7.3 10.9
127 14.4 11.8 17.6

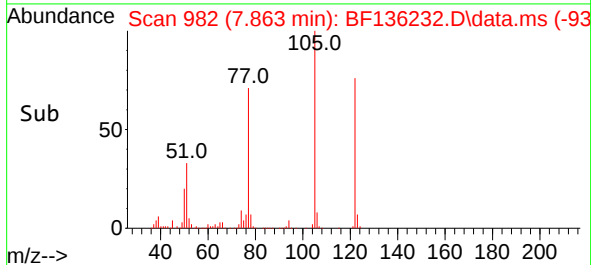
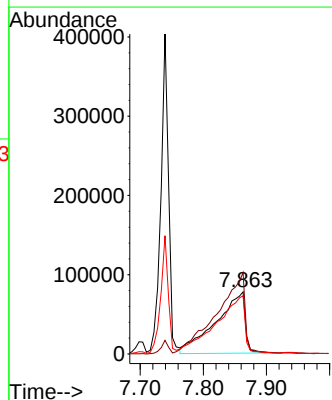
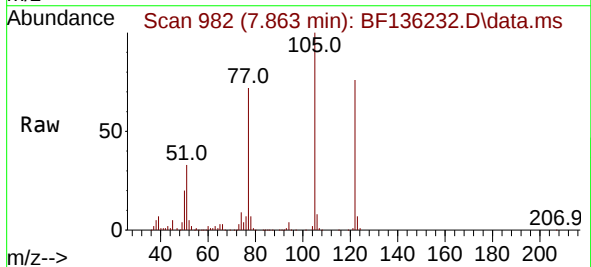
Manual Integrations
APPROVED

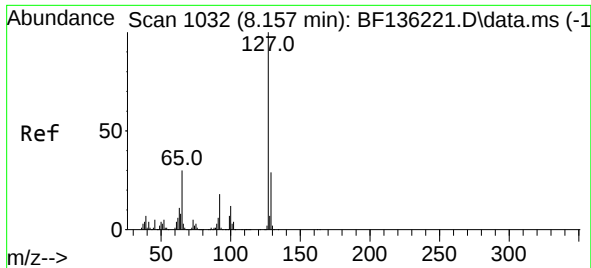
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#32
Benzoic acid
Concen: 49.519 ng
RT: 7.863 min Scan# 982
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

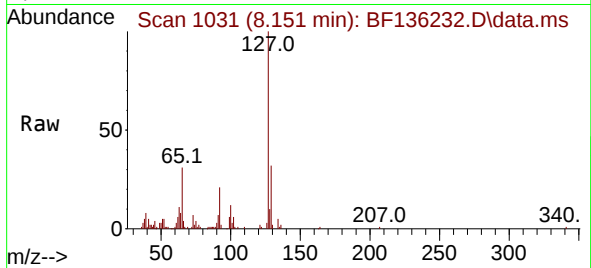
Tgt Ion:122 Resp: 248252
Ion Ratio Lower Upper
122 100
105 131.2 103.7 143.7
77 93.9 66.8 106.8





#33
4-Chloroaniline
Concen: 4.366 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

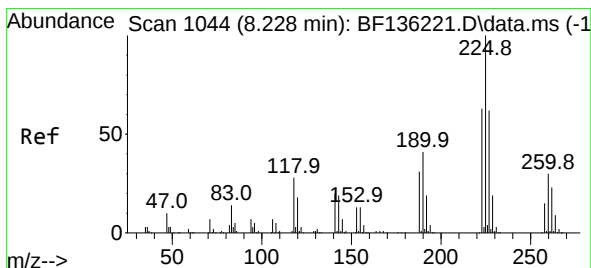
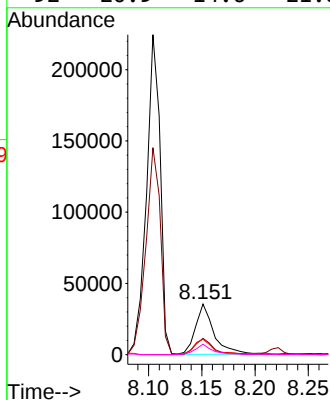
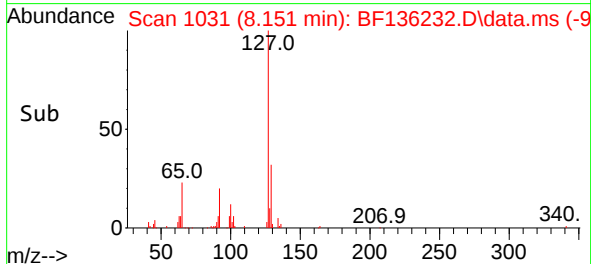
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:127 Resp: 4266
Ion Ratio Lower Upper
127 100
129 32.3 23.4 35.2
65 30.5 23.8 35.6
92 20.9 14.6 21.8

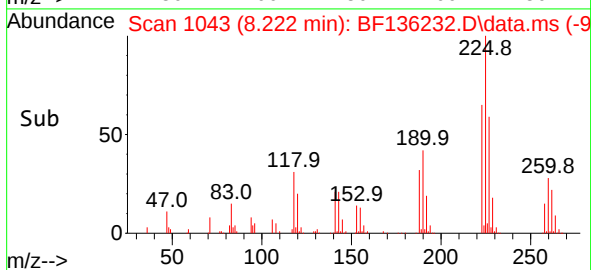
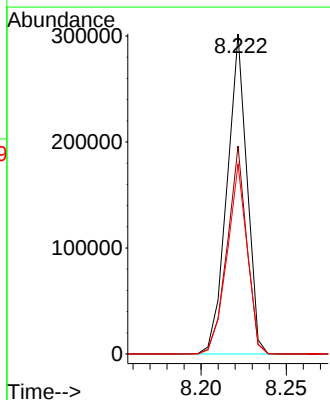
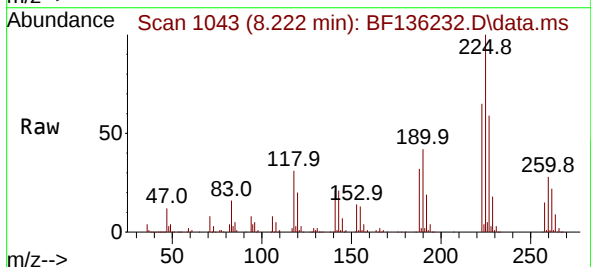
Manual Integrations
APPROVED

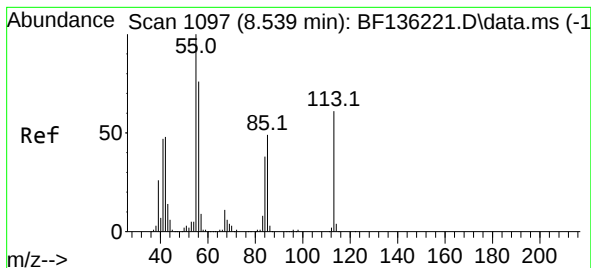
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#34
Hexachlorobutadiene
Concen: 46.325 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:225 Resp: 246191
Ion Ratio Lower Upper
225 100
223 65.0 50.6 75.8
227 59.3 49.6 74.4





#35

Caprolactam

Concen: 45.507 ng m

RT: 8.528 min Scan# 1095

Delta R.T. -0.012 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

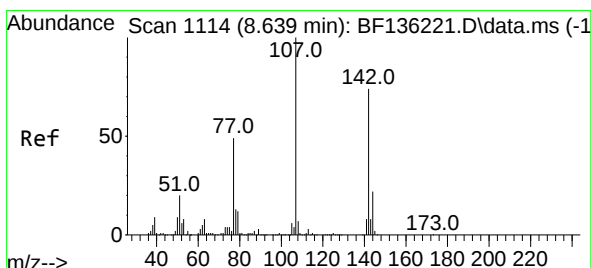
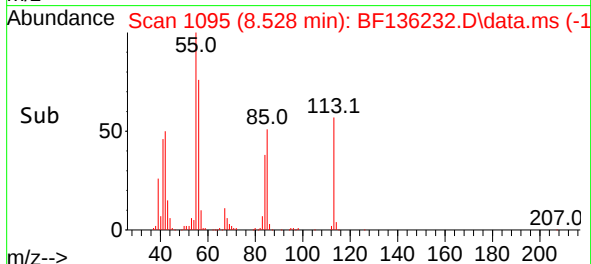
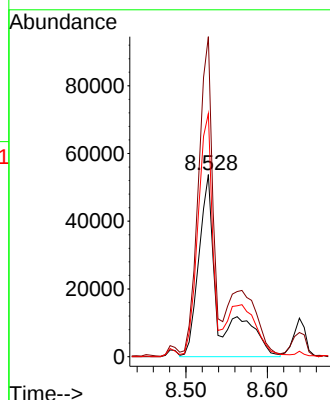
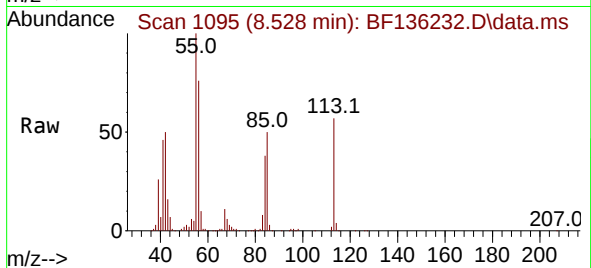
TP-9MS

Tgt Ion:113 Resp: 94388
 Ion Ratio Lower Upper
 113 100
 55 175.7 143.1 183.1
 56 133.4 103.6 143.6

Manual Integrations

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



#36

4-Chloro-3-methylphenol

Concen: 49.992 ng

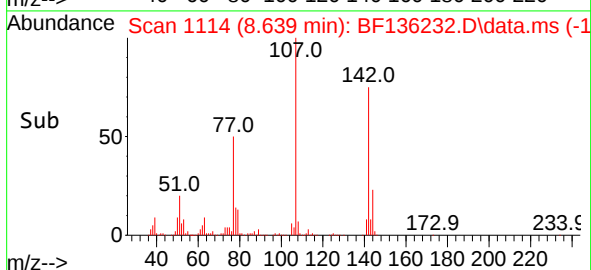
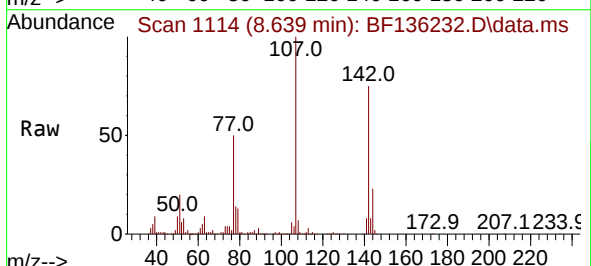
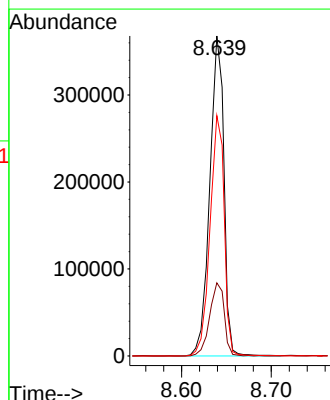
RT: 8.639 min Scan# 1114

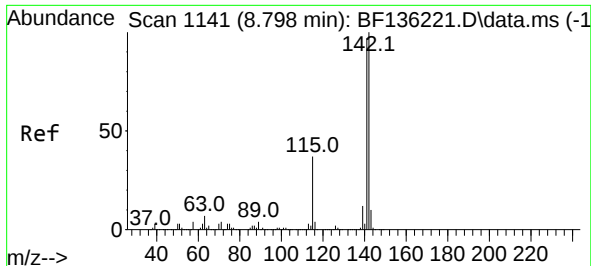
Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Tgt Ion:107 Resp: 402287
 Ion Ratio Lower Upper
 107 100
 144 22.8 17.8 26.8
 142 75.1 59.4 89.0





#37

2-Methylnaphthalene

Concen: 49.387 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:142 Resp: 890652

Ion Ratio Lower Upper

142 100

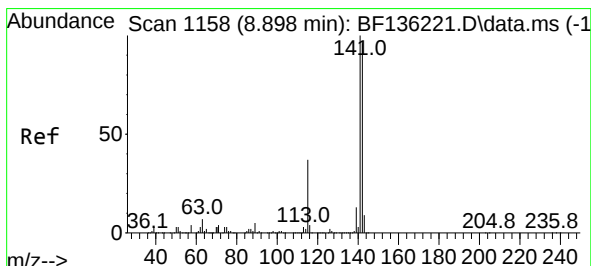
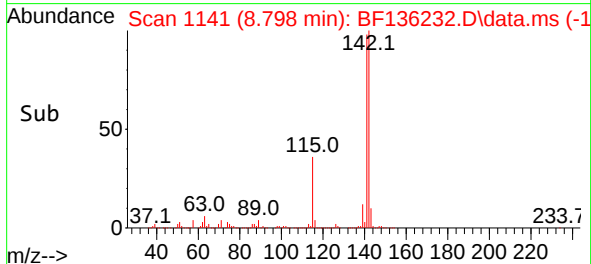
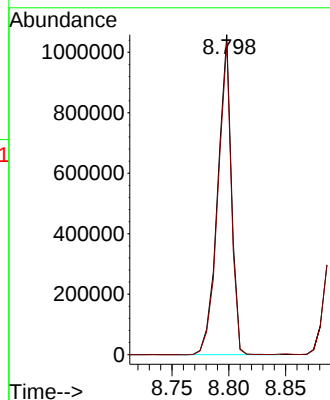
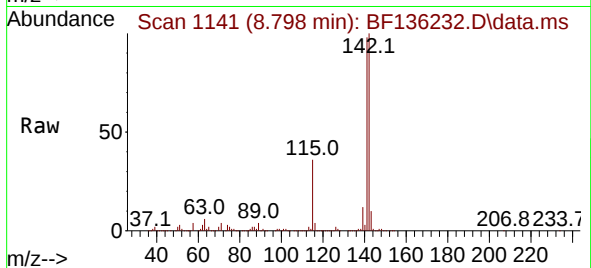
141 97.7 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#38

1-Methylnaphthalene

Concen: 48.935 ng

RT: 8.898 min Scan# 1158

Delta R.T. -0.000 min

Lab File: BF136232.D

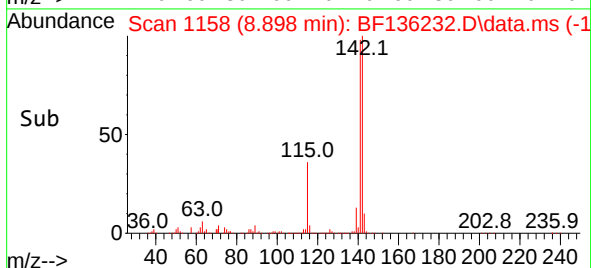
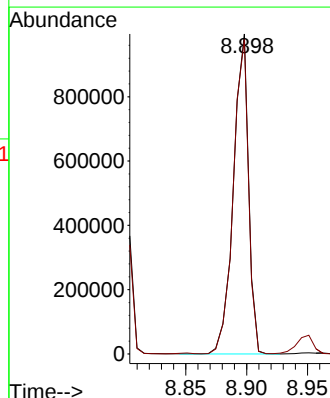
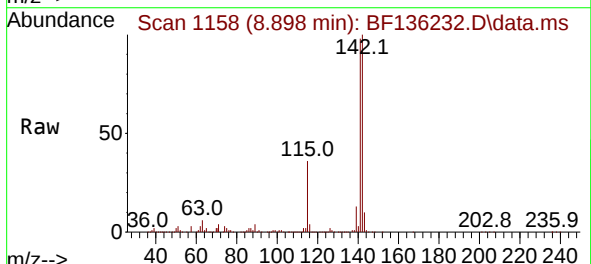
Acq: 27 Nov 2023 20:29

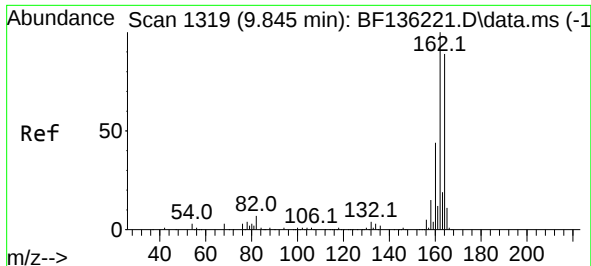
Tgt Ion:142 Resp: 860885

Ion Ratio Lower Upper

142 100

141 98.2 83.8 125.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.839 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

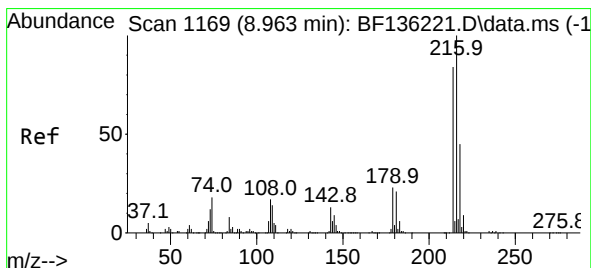
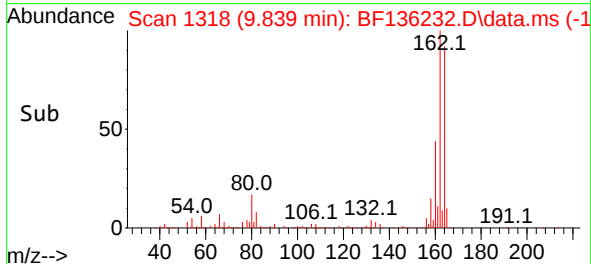
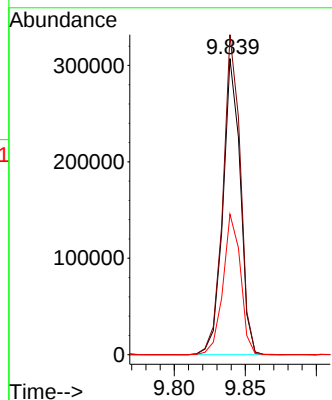
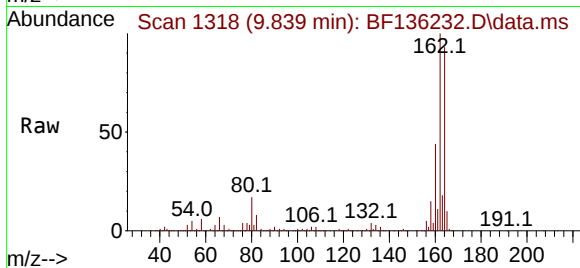
TP-9MS

Tgt Ion:164 Resp: 259650
Ion Ratio Lower Upper
164 100
162 108.0 89.5 134.3
160 47.5 39.6 59.4

Manual Integrations

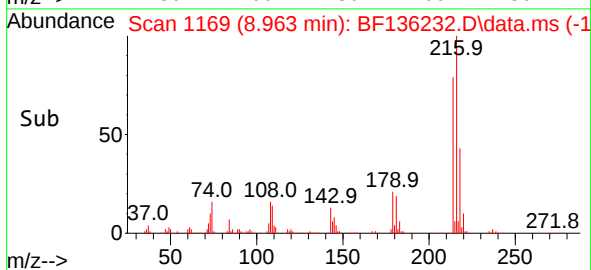
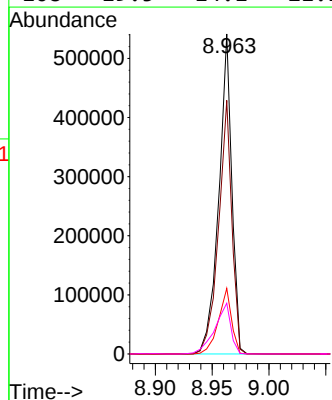
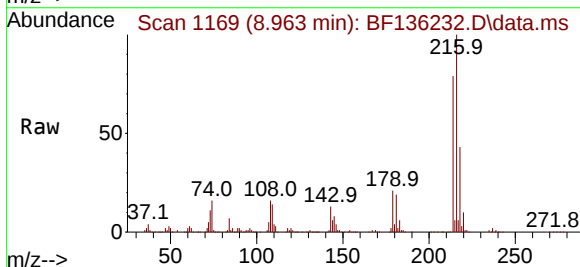
APPROVED

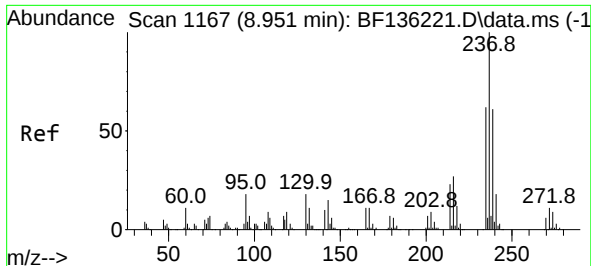
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.416 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

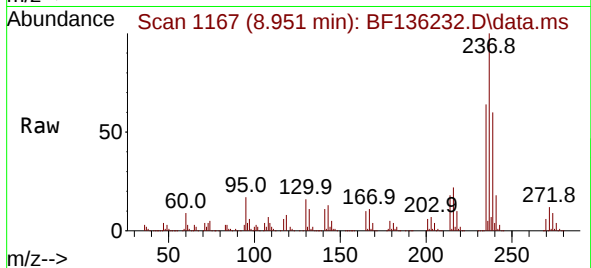
Tgt Ion:216 Resp: 433142
Ion Ratio Lower Upper
216 100
214 80.7 65.8 98.8
179 20.7 17.4 26.0
108 19.5 14.1 21.1





#41
Hexachlorocyclopentadiene
Concen: 146.906 ng
RT: 8.951 min Scan# 1167
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

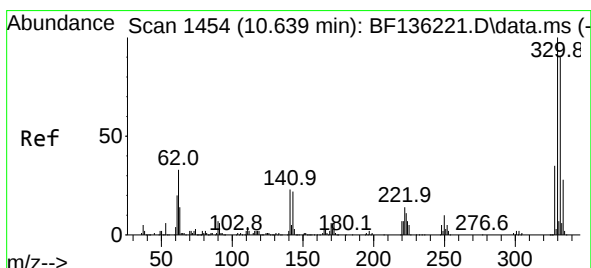
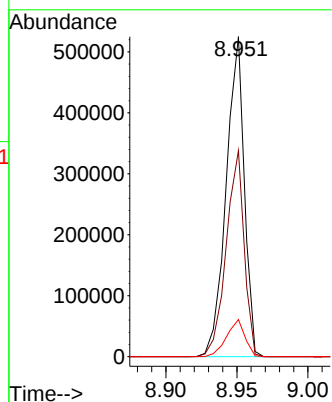
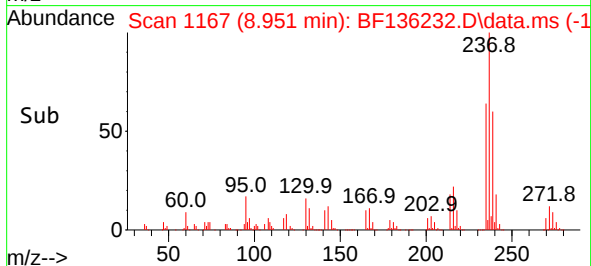
Instrument :
BNA_F
ClientSampleId :
TP-9MS



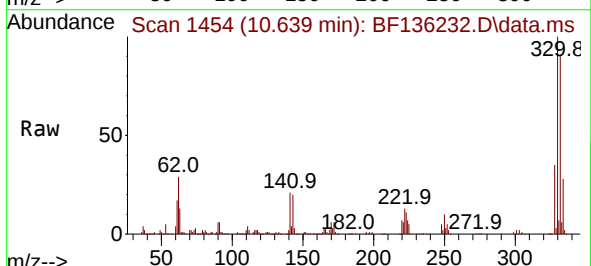
Tgt Ion: 237 Resp: 467110
Ion Ratio Lower Upper
237 100
235 64.4 42.1 82.1
272 11.6 0.0 31.0

Manual Integrations
APPROVED

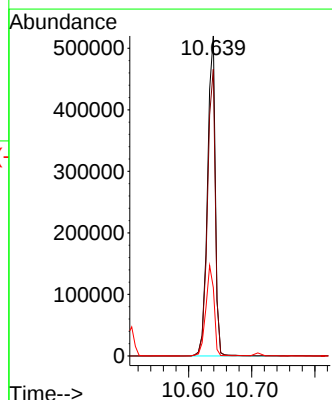
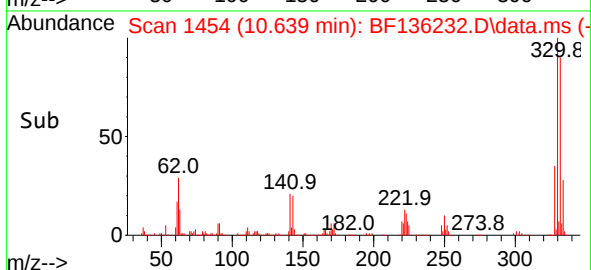
Reviewed By : Yogesh Patel 11/29/2023
Supervised By : mohammad ahmed 11/29/2023

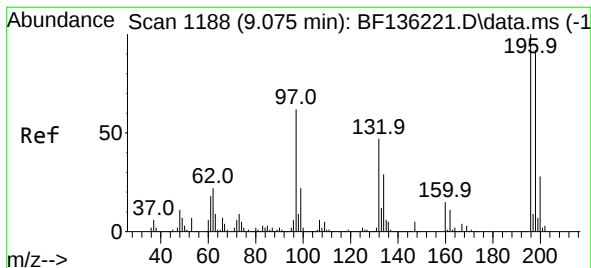


#42
2,4,6-Tribromophenol
Concen: 140.694 ng
RT: 10.639 min Scan# 1454
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion: 330 Resp: 446636
Ion Ratio Lower Upper
330 100
332 91.0 73.0 109.6
141 29.7 24.2 36.2





#43

2,4,6-Trichlorophenol

Concen: 52.255 ng

RT: 9.075 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:196 Resp: 280278

Ion Ratio Lower Upper

196 100

198 98.2 73.2 109.8

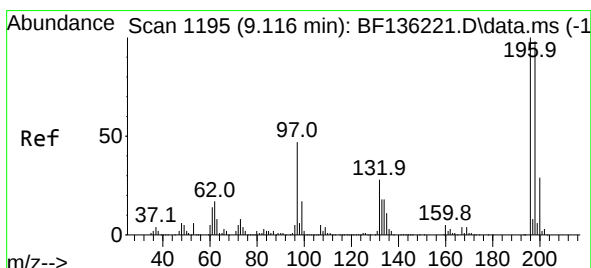
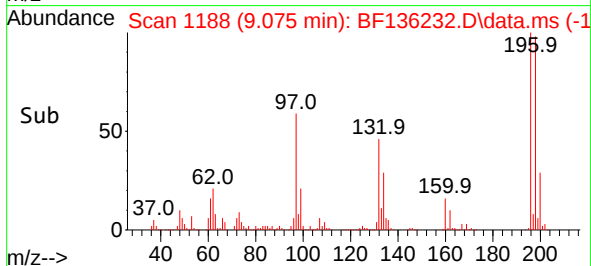
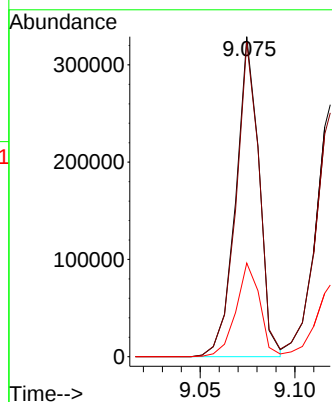
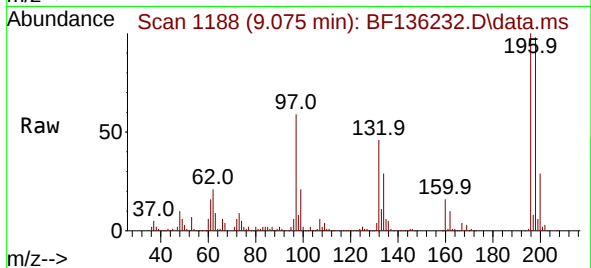
200 29.3 22.4 33.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#44

2,4,5-Trichlorophenol

Concen: 48.810 ng

RT: 9.122 min Scan# 1196

Delta R.T. 0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Tgt Ion:196 Resp: 285700

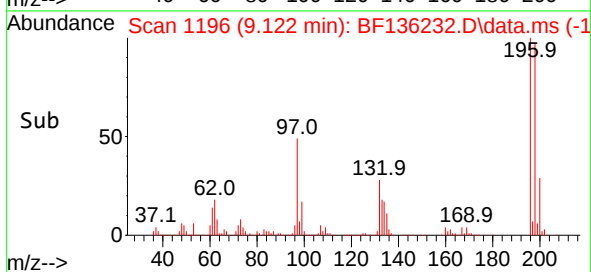
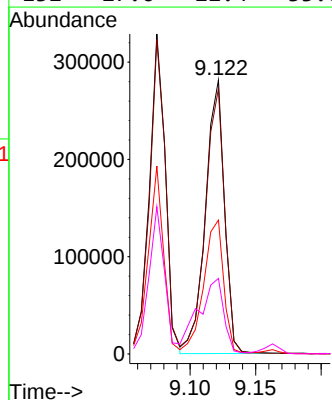
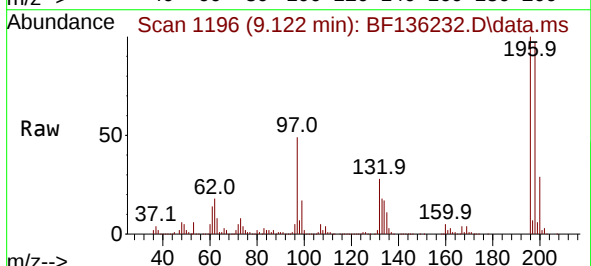
Ion Ratio Lower Upper

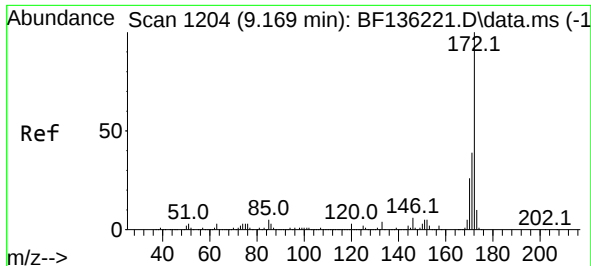
196 100

198 96.8 78.8 118.2

97 48.9 37.8 56.8

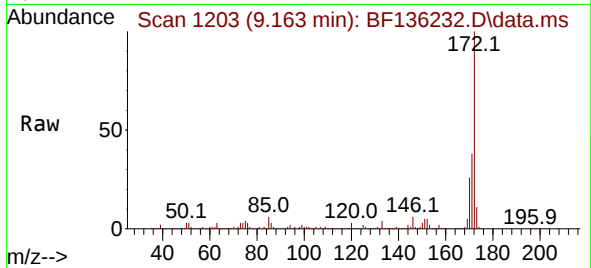
132 27.6 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 97.760 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

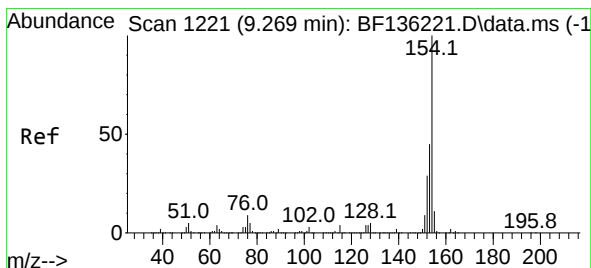
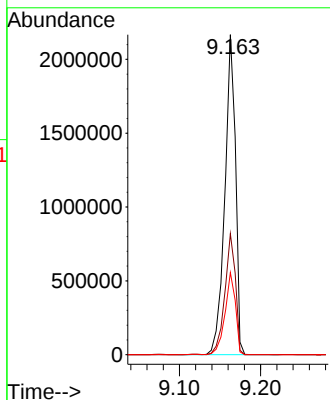
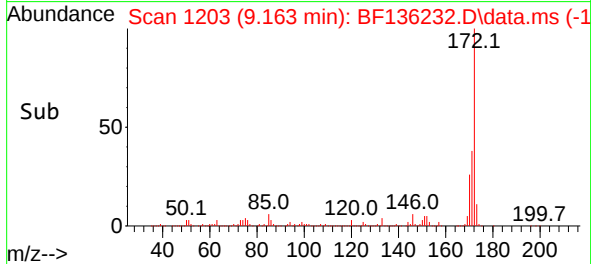
Instrument :
BNA_F
ClientSampleId :
TP-9MS



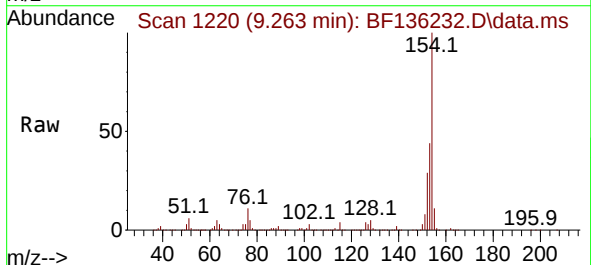
Tgt Ion:172 Resp: 1987310
Ion Ratio Lower Upper
172 100
171 37.8 31.5 47.3
170 25.6 20.8 31.2

Manual Integrations
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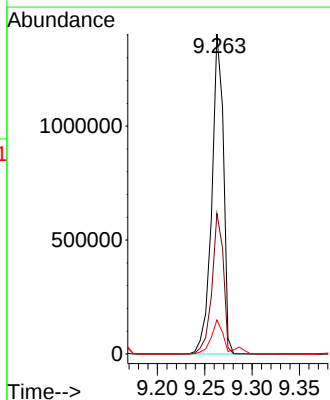
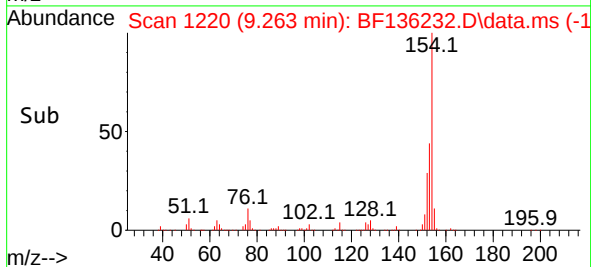
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

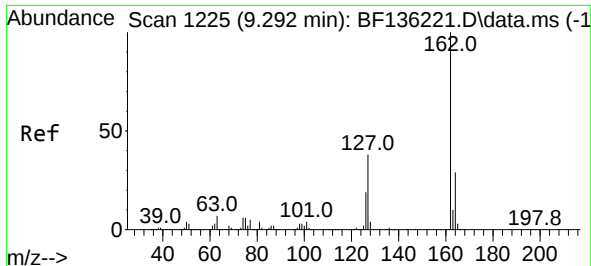


#46
1,1'-Biphenyl
Concen: 52.468 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



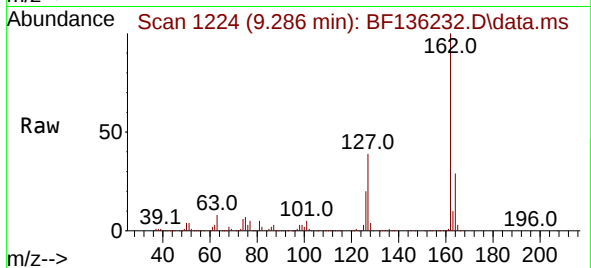
Tgt Ion:154 Resp: 1201393
Ion Ratio Lower Upper
154 100
153 43.9 24.6 64.6
76 10.7 0.0 29.4





#47
2-Chloronaphthalene
Concen: 50.600 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

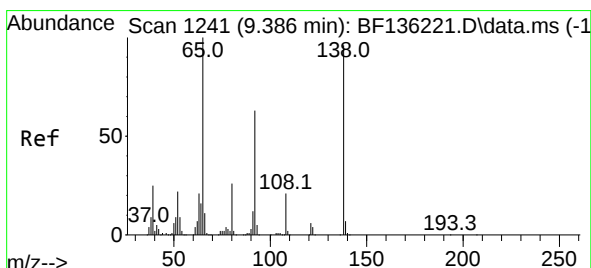
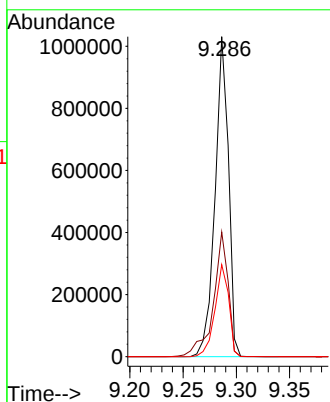
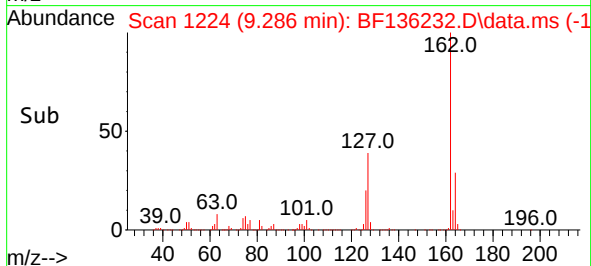
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:162 Resp: 899762
Ion Ratio Lower Upper
162 100
127 38.9 30.2 45.2
164 28.8 22.8 34.2

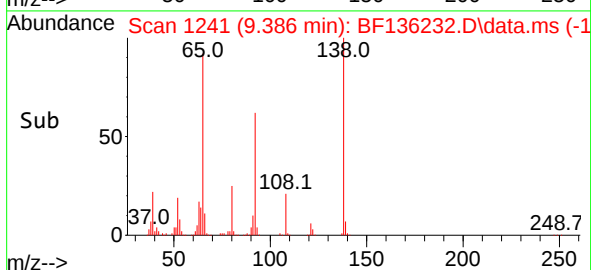
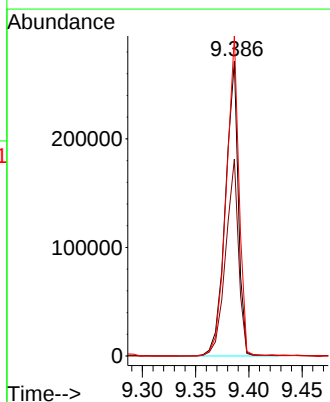
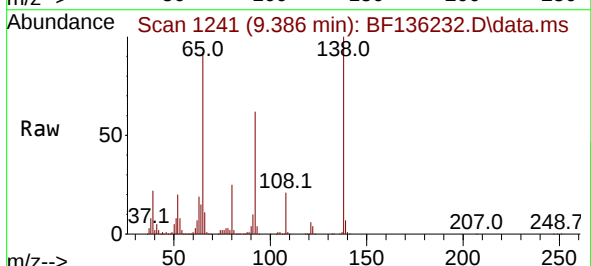
Manual Integrations
APPROVED

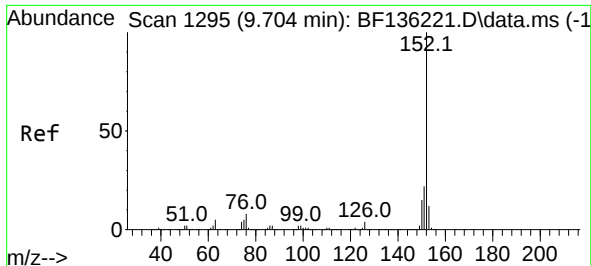
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#48
2-Nitroaniline
Concen: 49.402 ng
RT: 9.386 min Scan# 1241
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

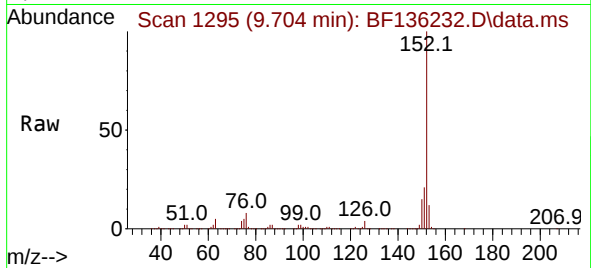
Tgt Ion: 65 Resp: 229356
Ion Ratio Lower Upper
65 100
92 66.9 50.6 75.8
138 108.6 76.7 115.1





#49
Acenaphthylene
Concen: 56.102 ng
RT: 9.704 min Scan# 1295
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

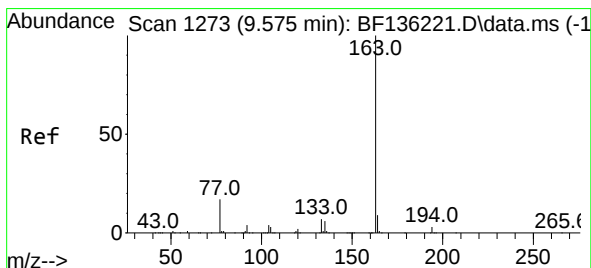
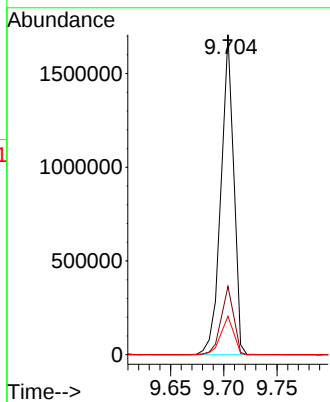
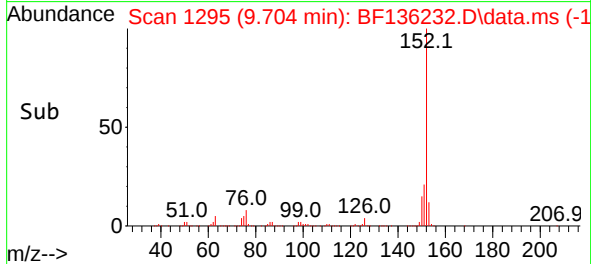
Instrument :
BNA_F
ClientSampleId :
TP-9MS



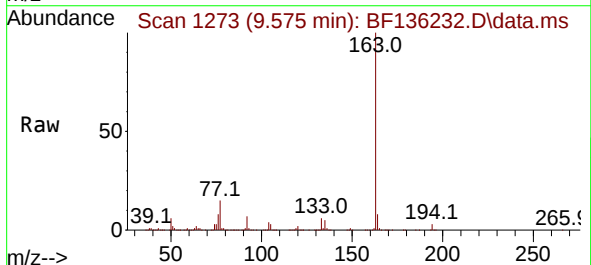
Tgt Ion:152 Resp: 1423652
Ion Ratio Lower Upper
152 100
151 21.4 17.5 26.3
153 12.0 9.6 14.4

Manual Integrations
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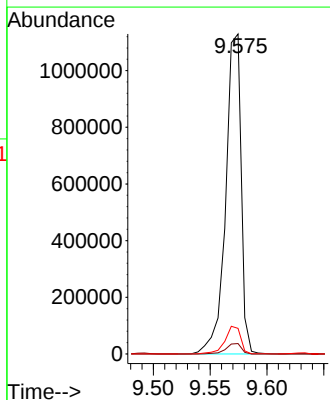
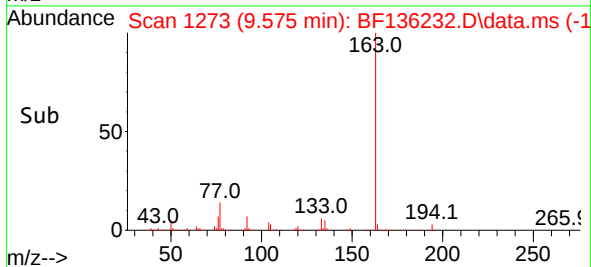
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

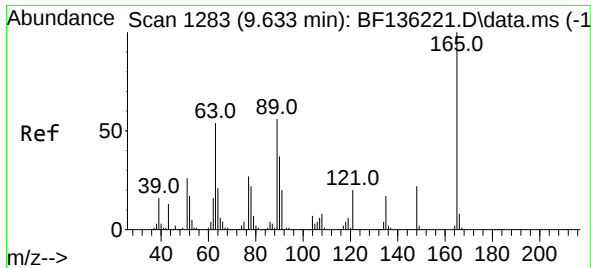


#50
Dimethylphthalate
Concen: 54.622 ng
RT: 9.575 min Scan# 1273
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion:163 Resp: 1071978
Ion Ratio Lower Upper
163 100
194 3.3 2.5 3.7
164 8.0 7.0 10.6





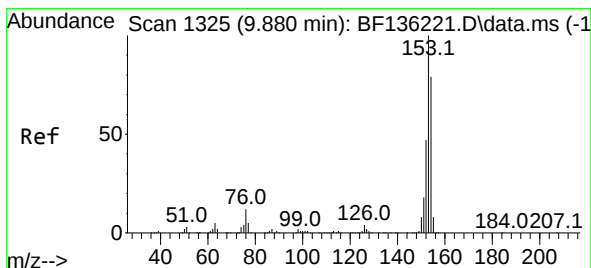
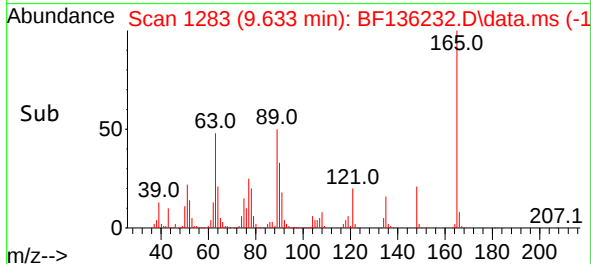
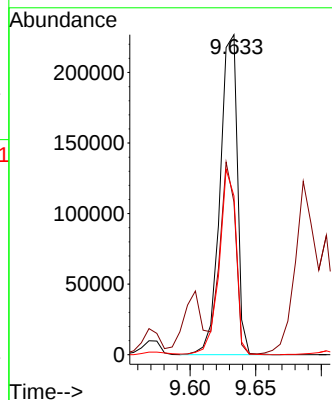
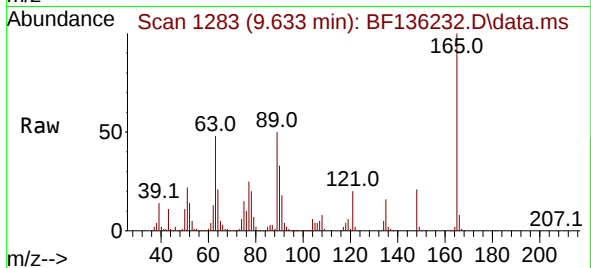
#51
2,6-Dinitrotoluene
Concen: 52.058 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion:165 Resp: 208718
Ion Ratio Lower Upper
165 100
63 47.7 46.2 69.2
89 49.6 44.9 67.3

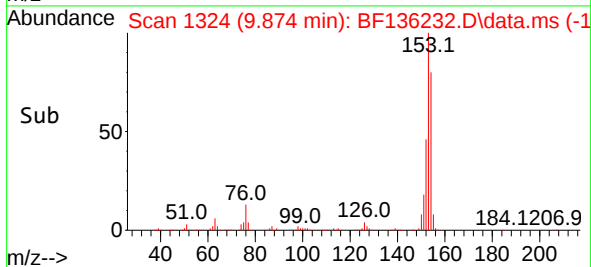
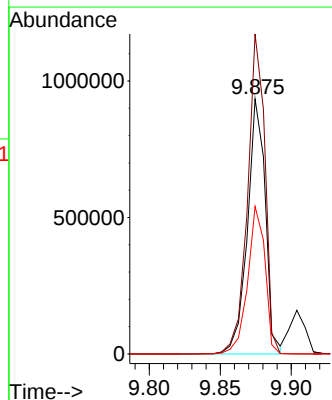
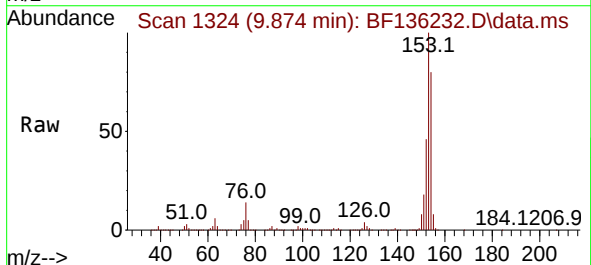
Manual Integrations
APPROVED

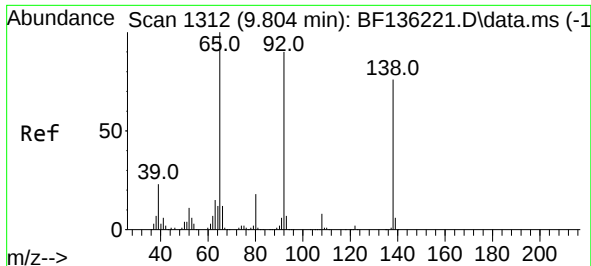
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#52
Acenaphthene
Concen: 51.048 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:154 Resp: 818633
Ion Ratio Lower Upper
154 100
153 125.5 100.8 151.2
152 57.8 47.0 70.6





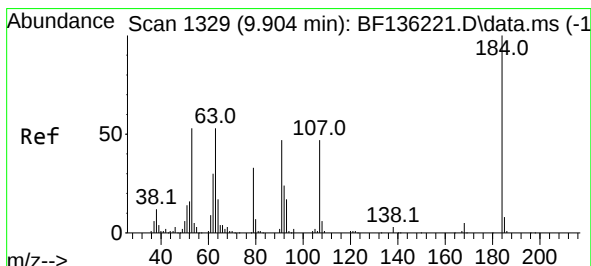
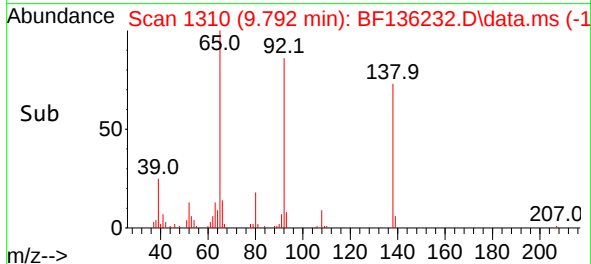
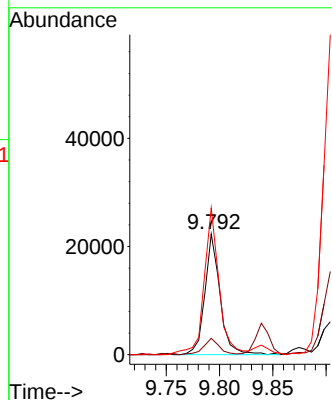
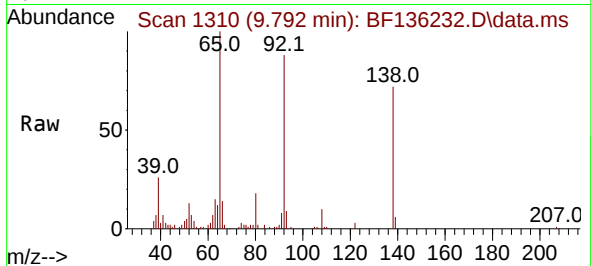
#53
3-Nitroaniline
Concen: 5.582 ng
RT: 9.792 min Scan# 1310
Delta R.T. -0.012 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion:138 Resp: 22205
Ion Ratio Lower Upper
138 100
108 13.5 8.7 13.1
92 121.6 94.2 141.4

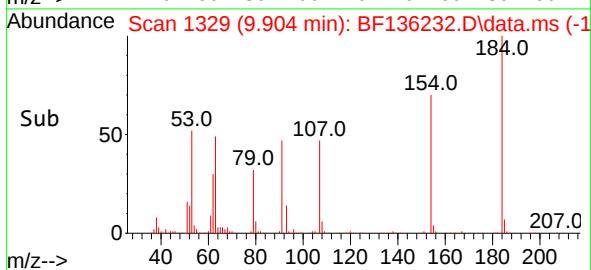
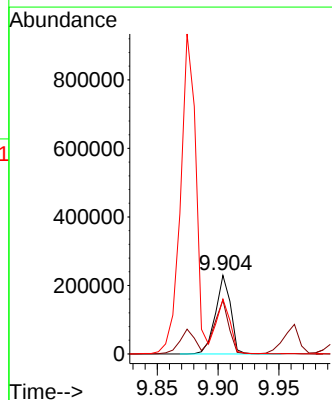
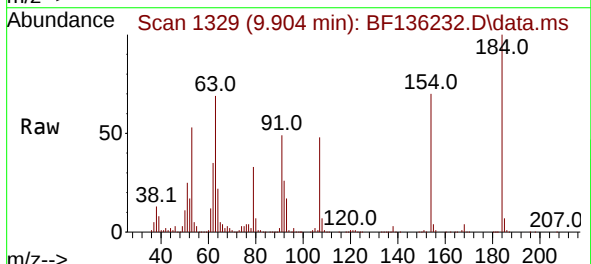
Manual Integrations
APPROVED

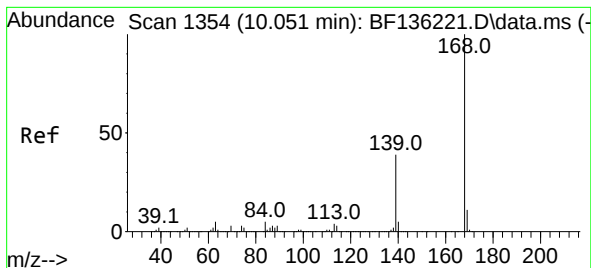
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#54
2,4-Dinitrophenol
Concen: 107.114 ng
RT: 9.904 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

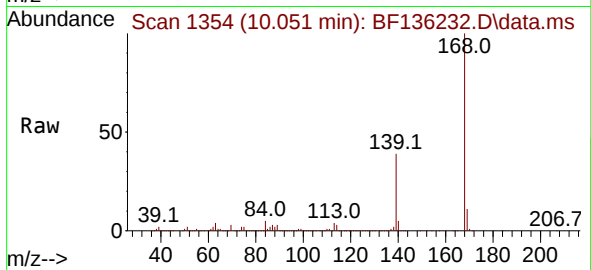
Tgt Ion:184 Resp: 199732
Ion Ratio Lower Upper
184 100
63 68.5 55.0 82.4
154 69.7 54.9 82.3





#55
Dibenzenofuran
Concen: 52.047 ng
RT: 10.051 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

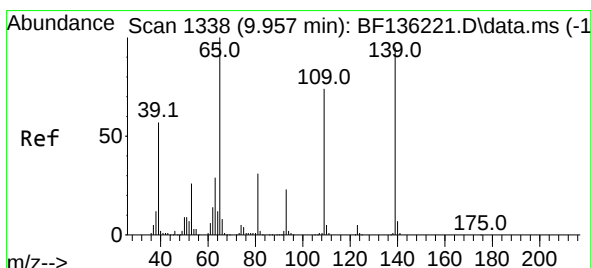
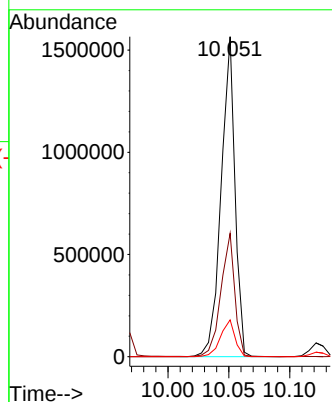
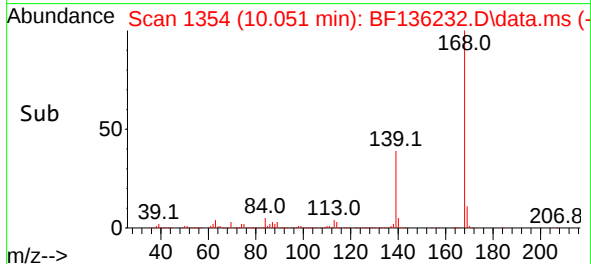
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:168 Resp: 124198
Ion Ratio Lower Upper
168 100
139 38.6 30.9 46.3
169 11.5 9.1 13.7

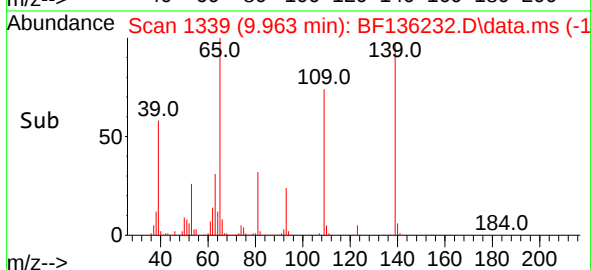
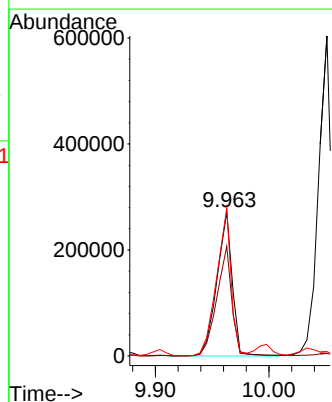
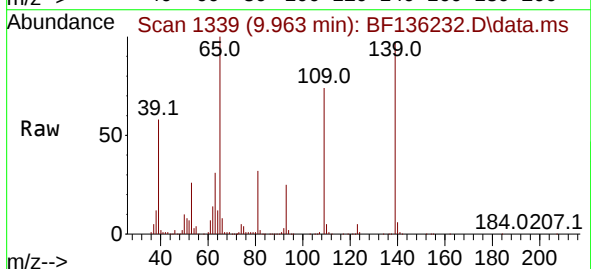
Manual Integrations
APPROVED

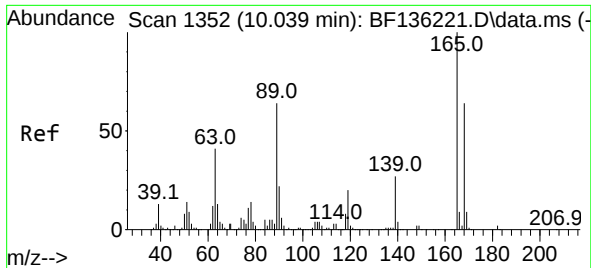
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#56
4-Nitrophenol
Concen: 84.532 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

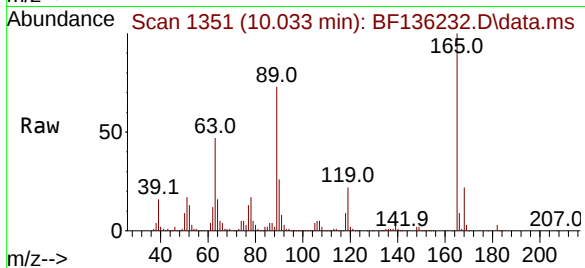
Tgt Ion:139 Resp: 255406
Ion Ratio Lower Upper
139 100
109 76.1 57.8 97.8
65 102.9 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 51.271 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

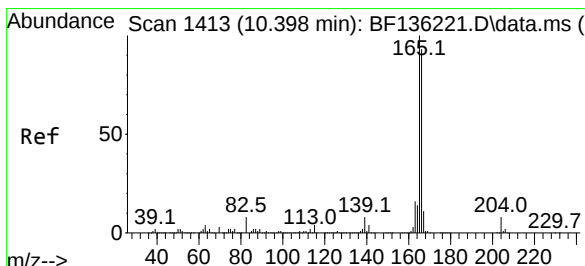
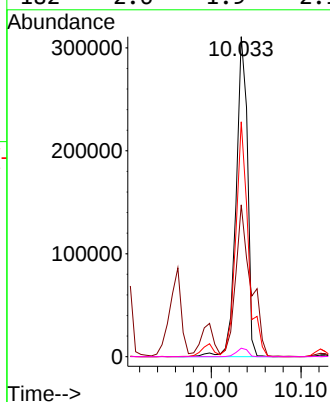
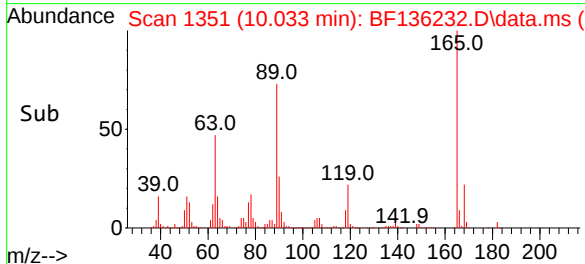
Instrument :
BNA_F
ClientSampleId :
TP-9MS



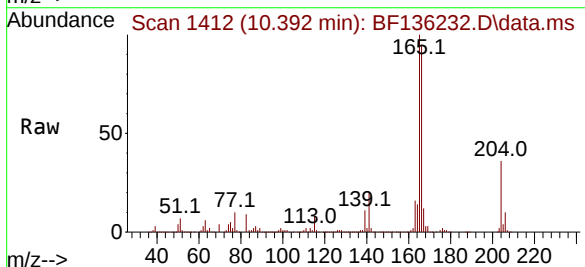
Tgt Ion:165 Resp: 274580
Ion Ratio Lower Upper
165 100
63 47.5 33.0 49.4
89 73.4 51.5 77.3
182 2.6 1.9 2.9

Manual Integrations
APPROVED

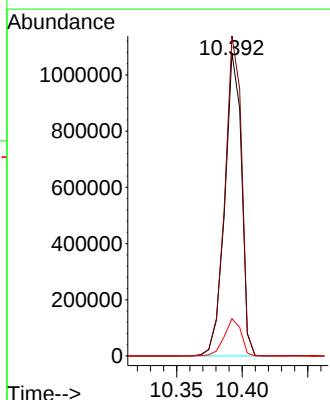
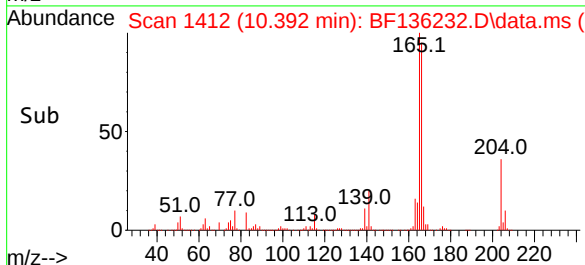
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

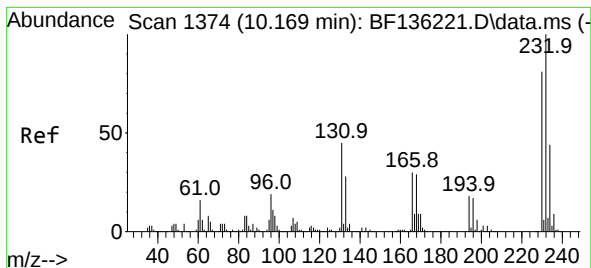


#58
Fluorene
Concen: 50.944 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



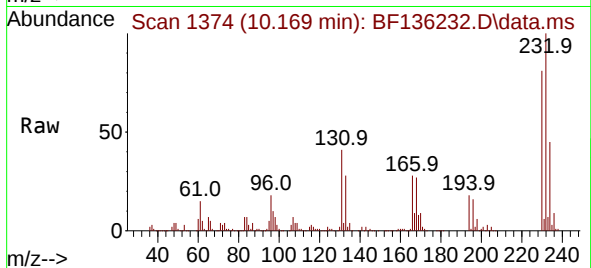
Tgt Ion:166 Resp: 953553
Ion Ratio Lower Upper
166 100
165 105.7 86.2 129.4
167 12.3 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 51.696 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

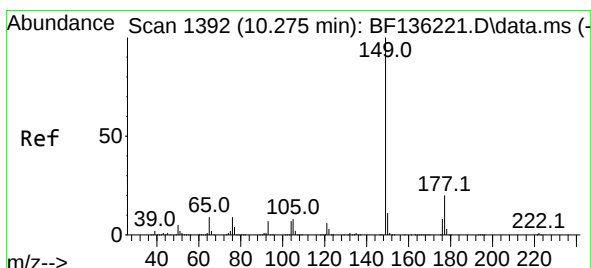
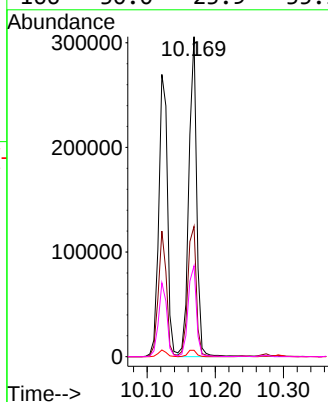
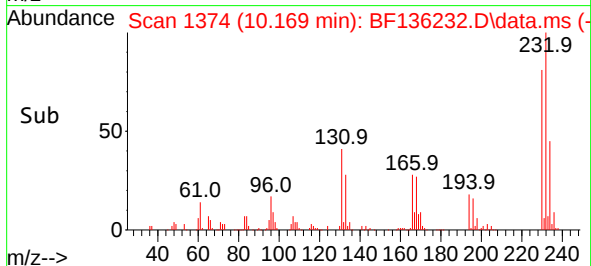
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:232 Resp: 240758
Ion Ratio Lower Upper
232 100
131 44.8 36.4 54.6
130 2.3 1.9 2.9
166 30.0 23.9 35.9

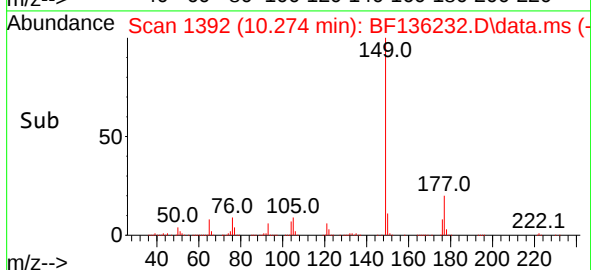
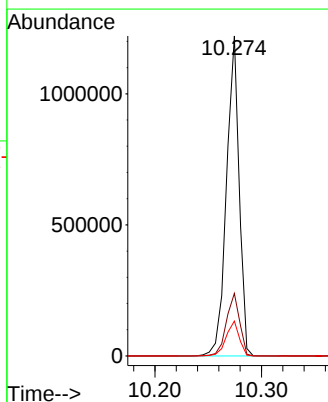
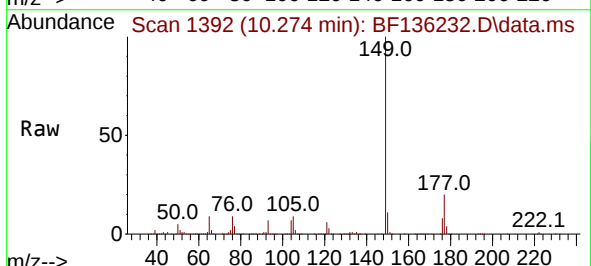
Manual Integrations
APPROVED

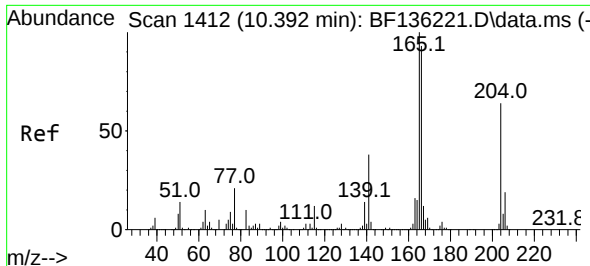
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#60
Diethylphthalate
Concen: 51.163 ng
RT: 10.274 min Scan# 1392
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

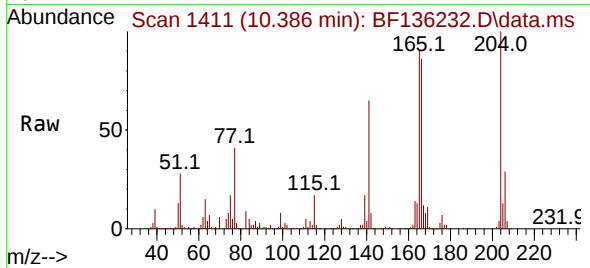
Tgt Ion:149 Resp: 1004414
Ion Ratio Lower Upper
149 100
177 19.6 15.8 23.6
150 10.9 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 50.640 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

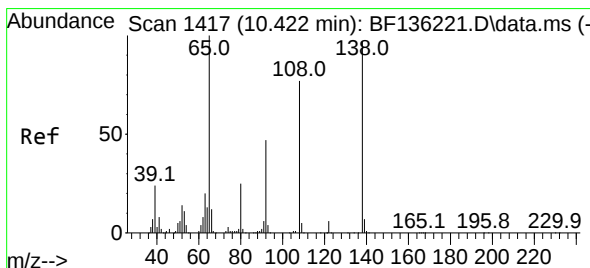
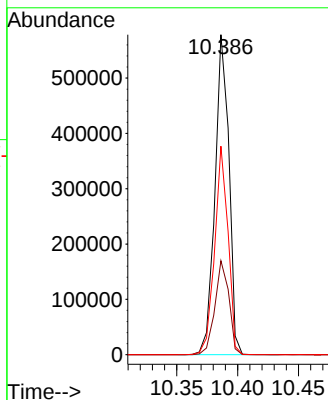
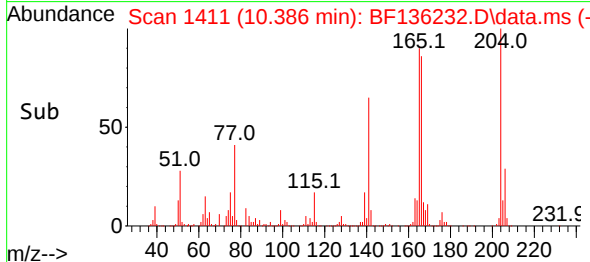
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:204 Resp: 46031
Ion Ratio Lower Upper
204 100
206 29.4 23.4 35.0
141 65.2 47.6 71.4

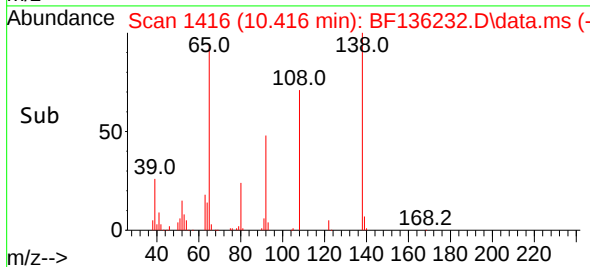
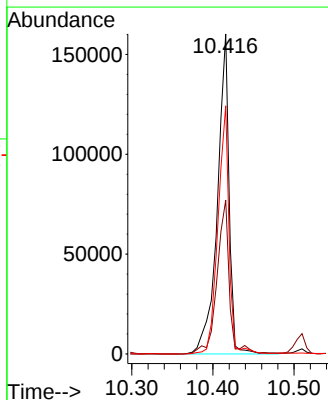
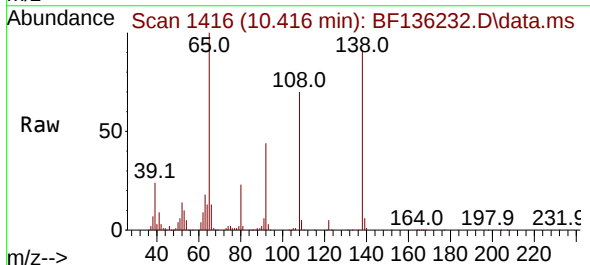
Manual Integrations
APPROVED

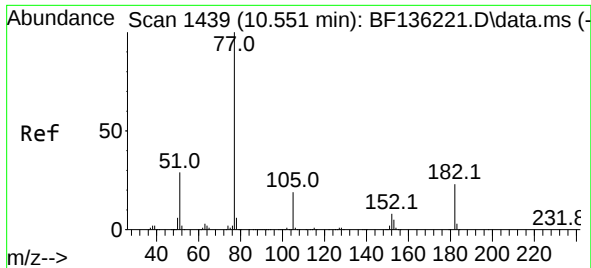
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#62
4-Nitroaniline
Concen: 41.630 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

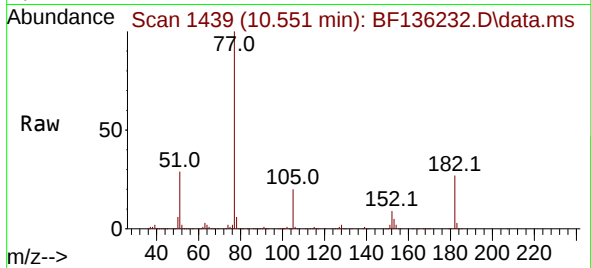
Tgt Ion:138 Resp: 162107
Ion Ratio Lower Upper
138 100
92 48.1 28.5 68.5
108 77.5 59.8 99.8





#63
Azobenzene
Concen: 51.040 ng
RT: 10.551 min Scan# 1439
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

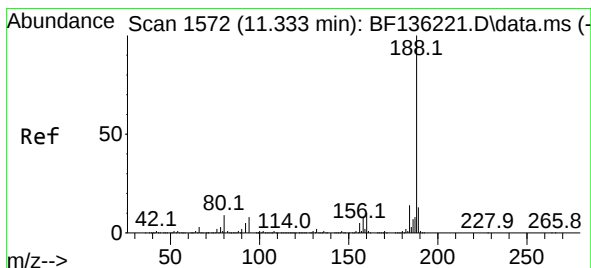
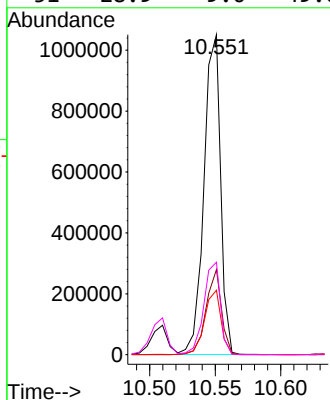
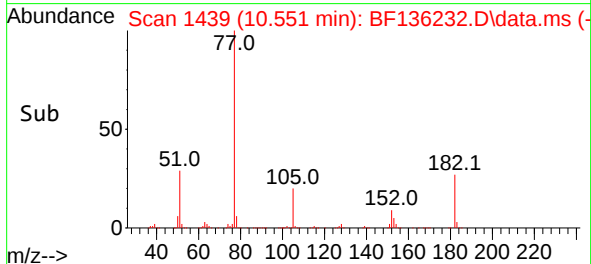
Instrument :
BNA_F
ClientSampleId :
TP-9MS



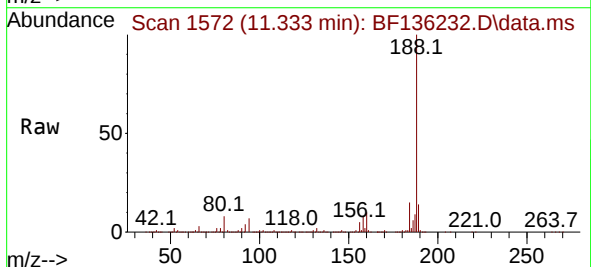
Tgt Ion: 77 Resp: 928924
Ion Ratio Lower Upper
77 100
182 26.6 3.3 43.3
105 20.2 0.0 39.5
51 28.9 9.0 49.0

Manual Integrations
APPROVED

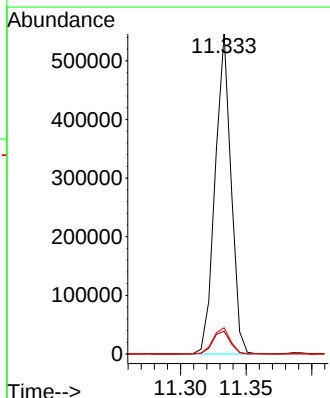
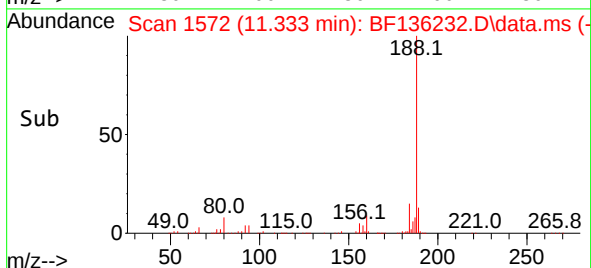
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

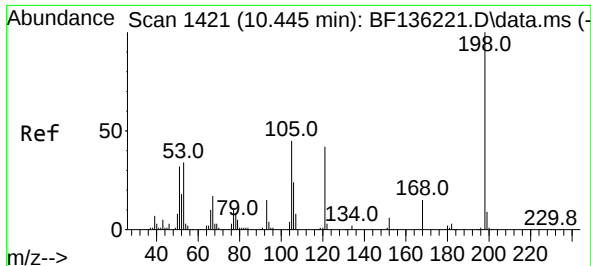


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion:188 Resp: 460458
Ion Ratio Lower Upper
188 100
94 7.1 6.7 10.1
80 8.2 7.2 10.8





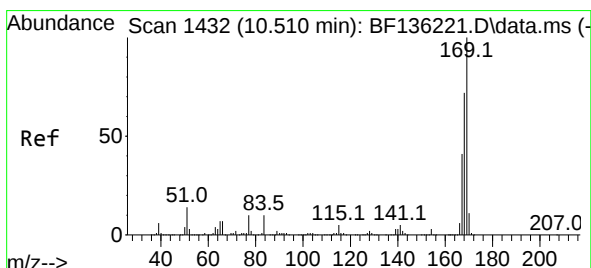
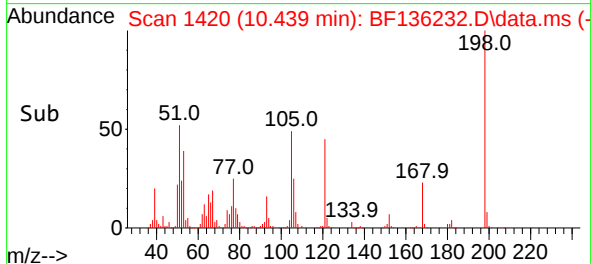
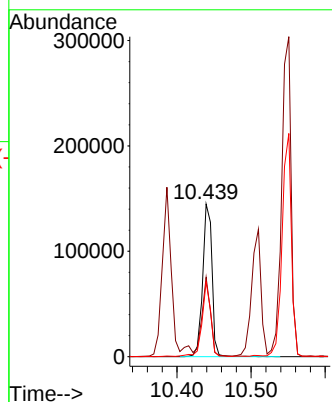
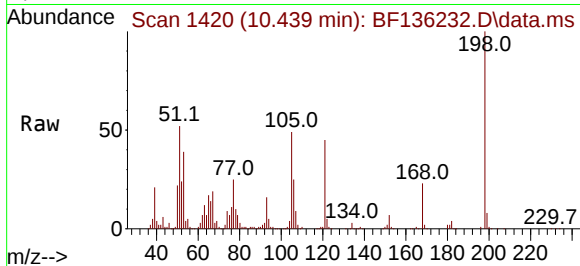
#65
4,6-Dinitro-2-methylphenol
Concen: 50.183 ng
RT: 10.439 min Scan# 1421
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion:198 Resp: 126360
Ion Ratio Lower Upper
198 100
51 52.0 28.2 68.2
105 49.0 25.7 65.7

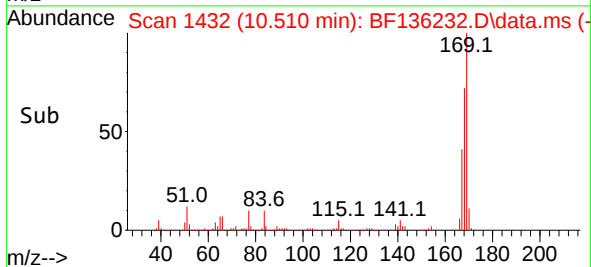
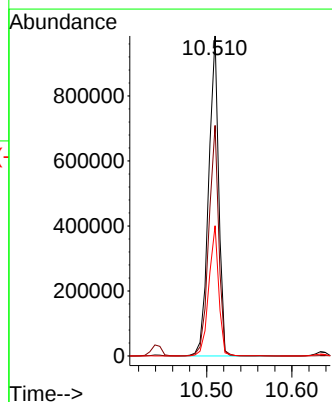
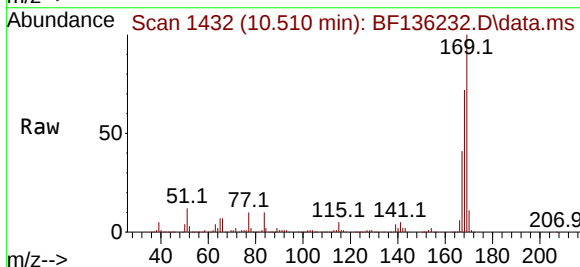
Manual Integrations
APPROVED

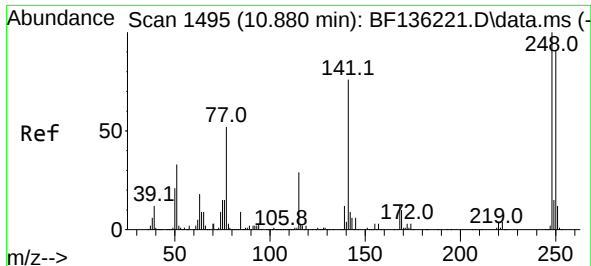
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#66
n-Nitrosodiphenylamine
Concen: 54.680 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

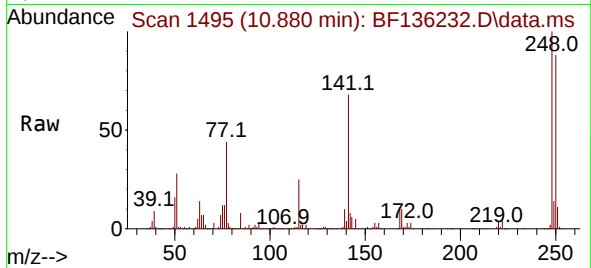
Tgt Ion:169 Resp: 806863
Ion Ratio Lower Upper
169 100
168 72.0 57.8 86.6
167 40.7 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 53.517 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

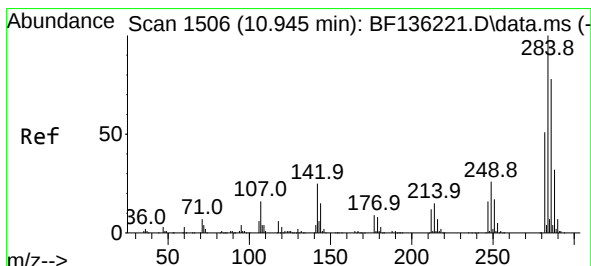
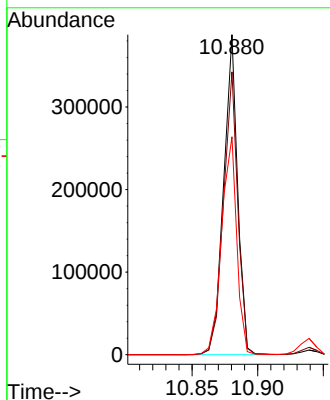
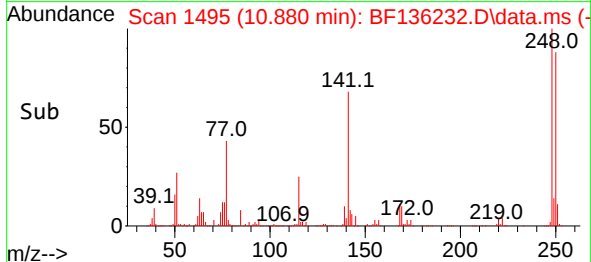
Instrument :
BNA_F
ClientSampleId :
TP-9MS



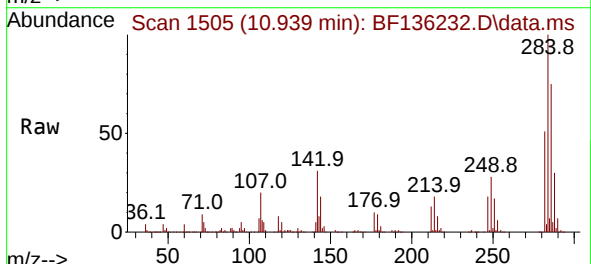
Tgt Ion:248 Resp: 287492
Ion Ratio Lower Upper
248 100
250 88.4 72.5 108.7
141 68.1 60.8 91.2

Manual Integrations
APPROVED

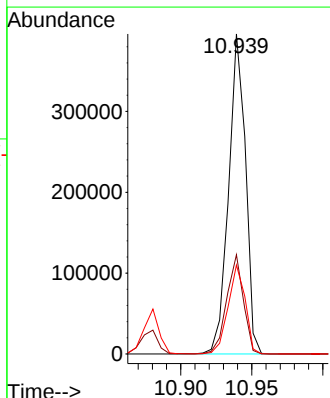
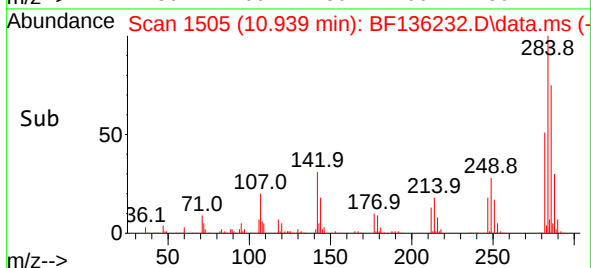
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

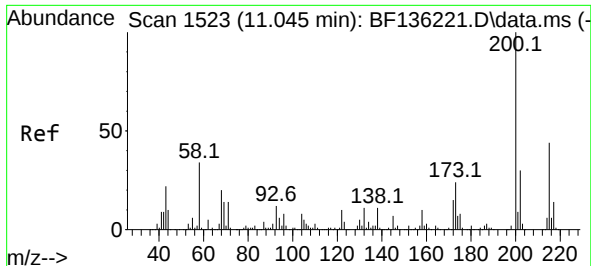


#68
Hexachlorobenzene
Concen: 52.608 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



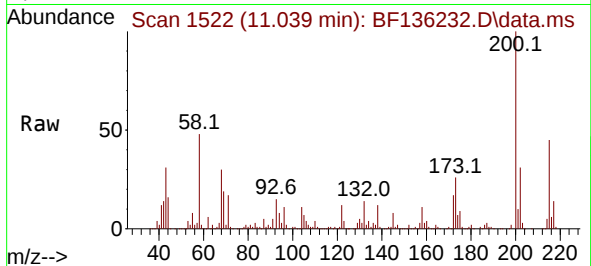
Tgt Ion:284 Resp: 327080
Ion Ratio Lower Upper
284 100
142 31.0 19.8 29.8#
249 27.8 21.0 31.4





#69
Atrazine
Concen: 54.860 ng
RT: 11.039 min Scan# 1523
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

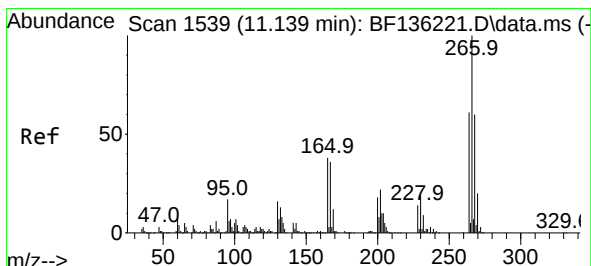
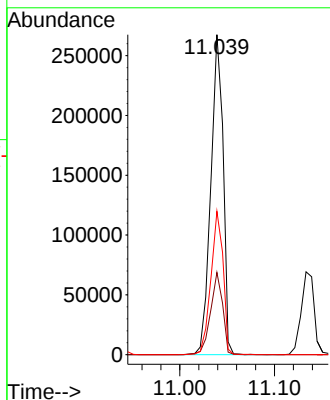
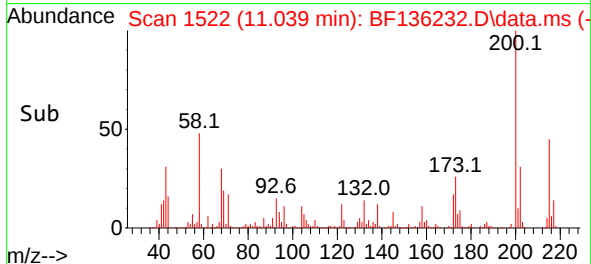
Instrument :
BNA_F
ClientSampleId :
TP-9MS



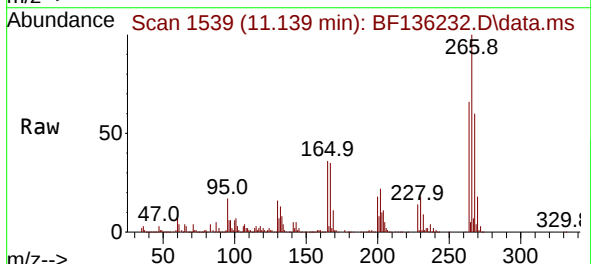
Tgt Ion:200 Resp: 240139
Ion Ratio Lower Upper
200 100
173 25.7 4.3 44.3
215 44.8 23.8 63.8

Manual Integrations
APPROVED

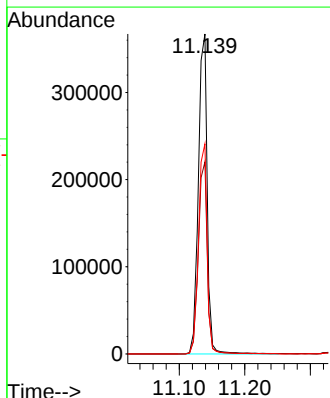
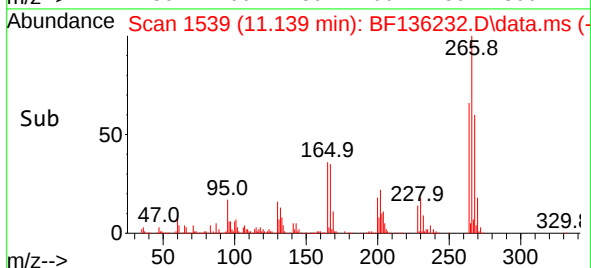
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

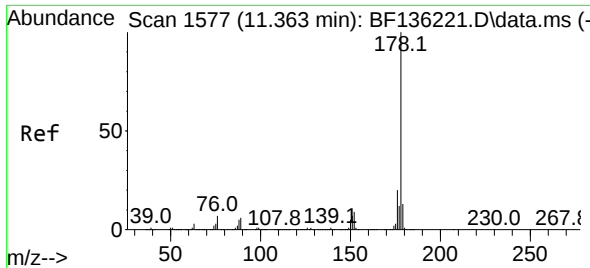


#70
Pentachlorophenol
Concen: 98.188 ng
RT: 11.139 min Scan# 1539
Delta R.T. -0.000 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion:266 Resp: 345073
Ion Ratio Lower Upper
266 100
268 60.0 47.9 71.9
264 65.7 49.1 73.7





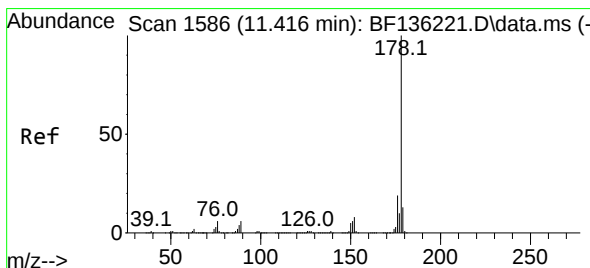
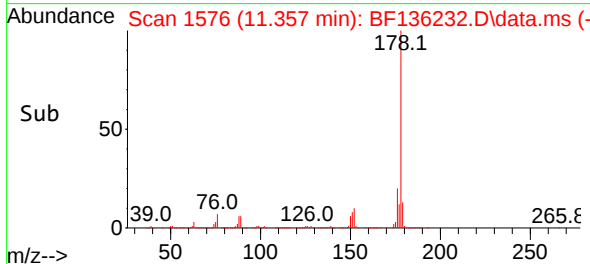
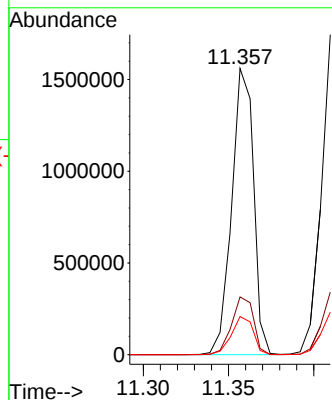
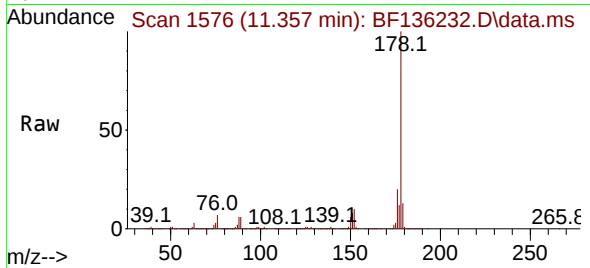
#71
Phenanthrene
Concen: 53.704 ng
RT: 11.357 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Instrument :
BNA_F
ClientSampleId :
TP-9MS

Tgt Ion:178 Resp: 138985
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 13.3 10.3 15.5

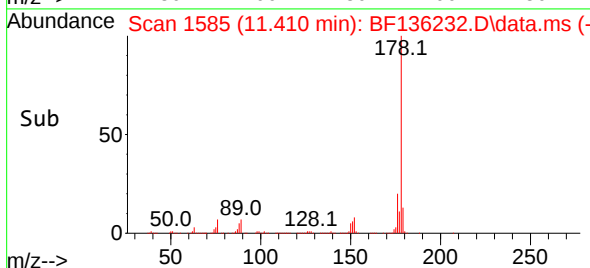
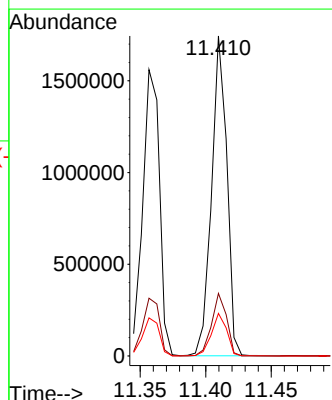
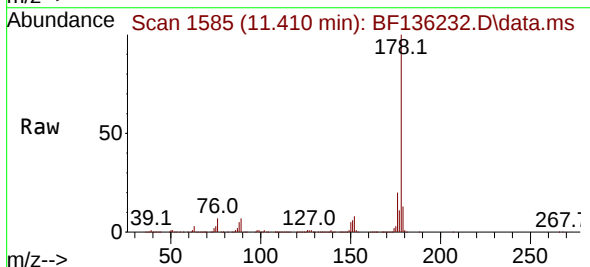
Manual Integrations
APPROVED

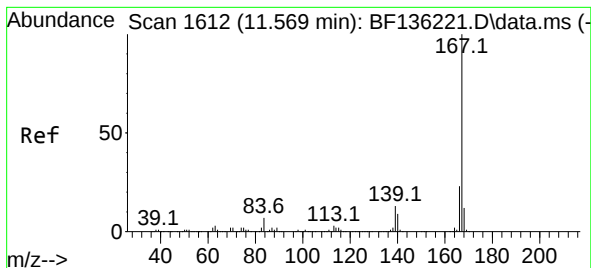
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023



#72
Anthracene
Concen: 54.506 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:178 Resp: 1414601
Ion Ratio Lower Upper
178 100
176 19.5 15.5 23.3
179 13.3 10.5 15.7





#73

Carbazole

Concen: 47.117 ng

RT: 11.569 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:167 Resp: 104001

Ion Ratio Lower Upper

167 100

166 23.5 18.4 27.6

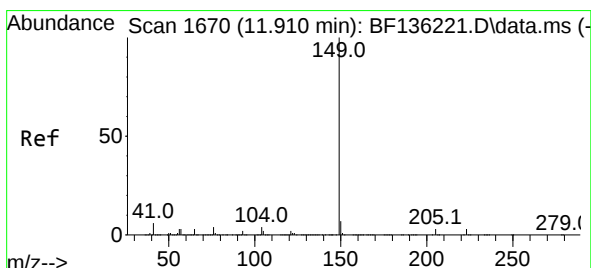
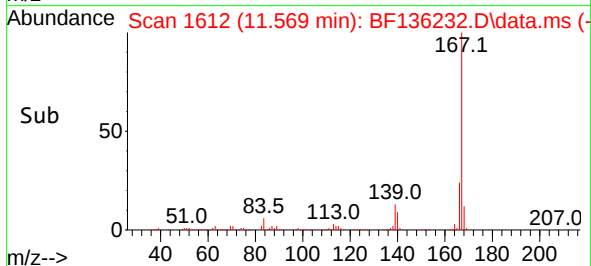
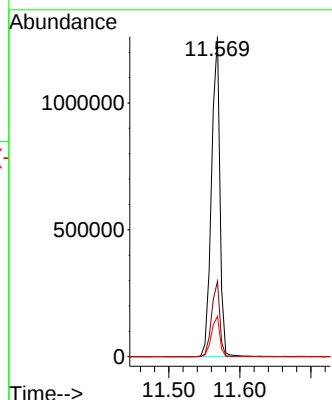
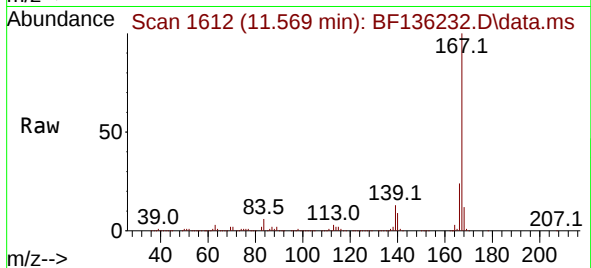
139 12.7 10.5 15.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#74

Di-n-butylphthalate

Concen: 57.515 ng

RT: 11.904 min Scan# 1669

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

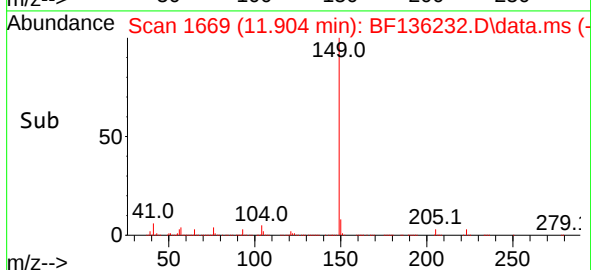
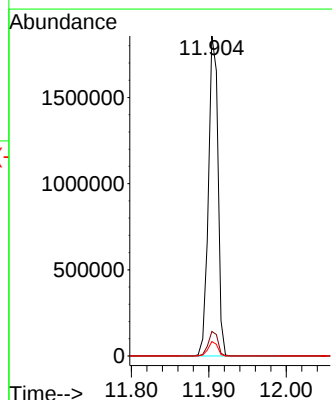
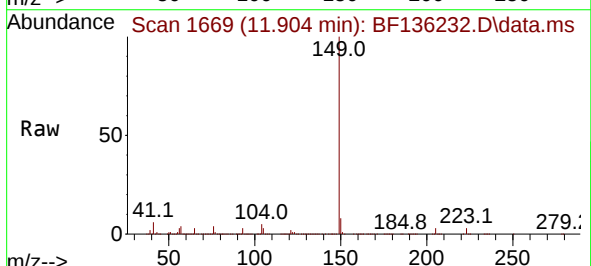
Tgt Ion:149 Resp: 1588447

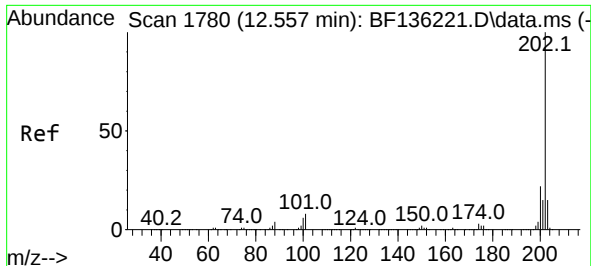
Ion Ratio Lower Upper

149 100

150 7.6 6.0 9.0

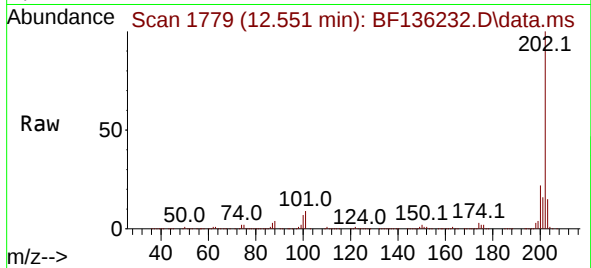
104 4.5 3.5 5.3





#75
Fluoranthene
Concen: 47.658 ng
RT: 12.551 min Scan# 1779
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

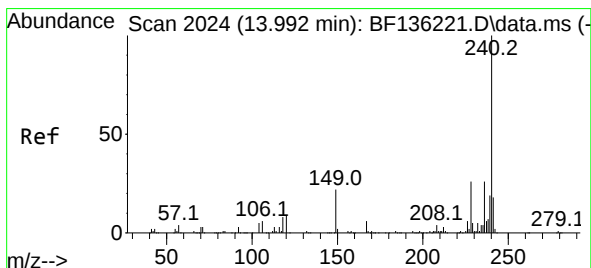
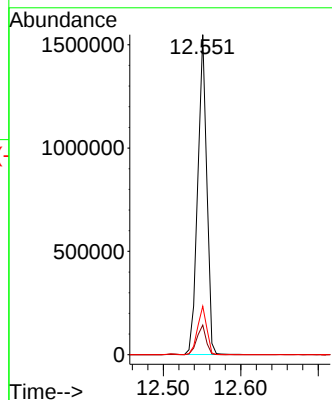
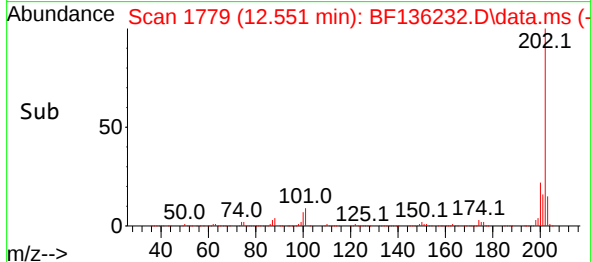
Instrument :
BNA_F
ClientSampleId :
TP-9MS



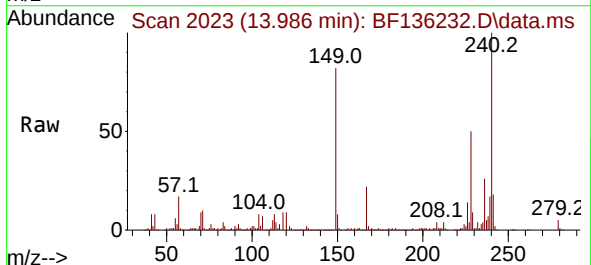
Tgt Ion:202 Resp: 1252089
Ion Ratio Lower Upper
202 100
101 9.2 0.0 27.8
203 15.2 0.0 34.5

Manual Integrations
APPROVED

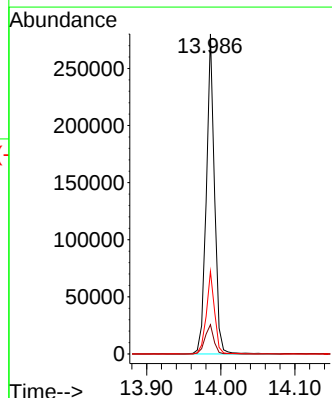
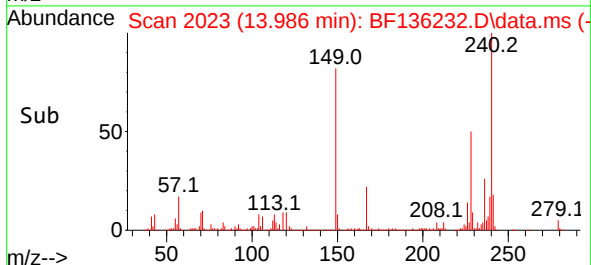
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

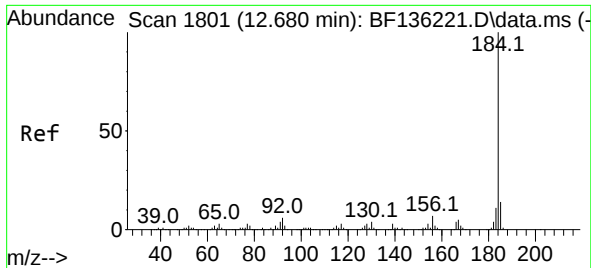


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



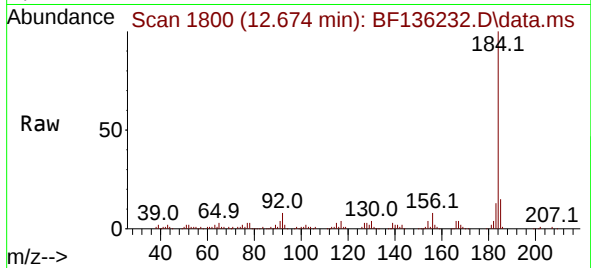
Tgt Ion:240 Resp: 216087
Ion Ratio Lower Upper
240 100
120 9.2 7.4 11.2
236 25.8 21.1 31.7





#77
Benzidine
Concen: 18.999 ng
RT: 12.674 min Scan# 1800
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

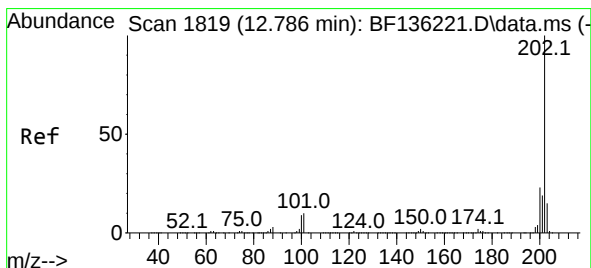
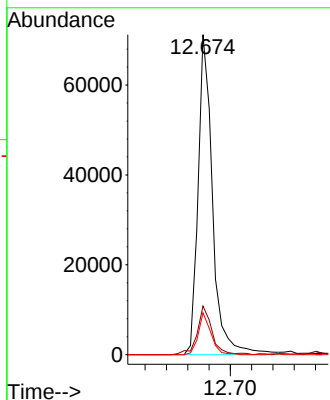
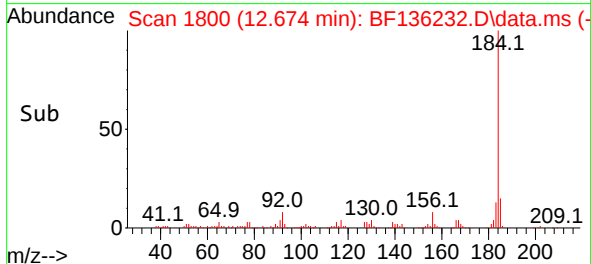
Instrument :
BNA_F
ClientSampleId :
TP-9MS



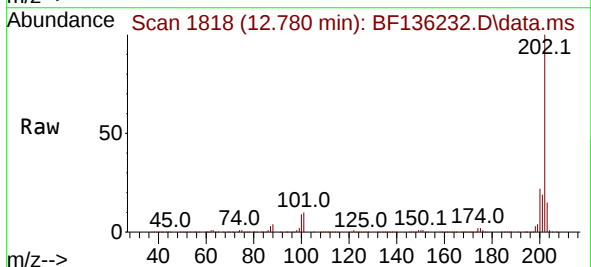
Tgt Ion:184 Resp: 6748
Ion Ratio Lower Upper
184 100
185 15.2 11.0 16.6
183 13.1 9.0 13.4

Manual Integrations
APPROVED

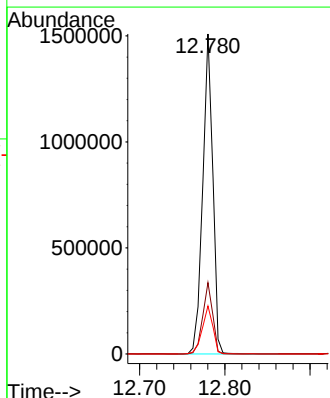
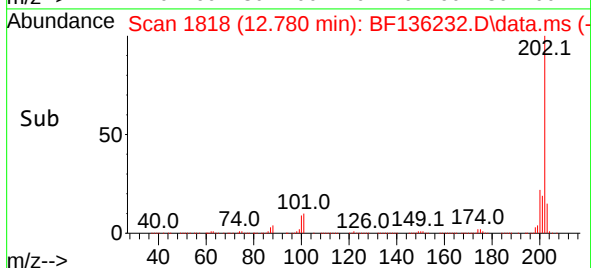
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

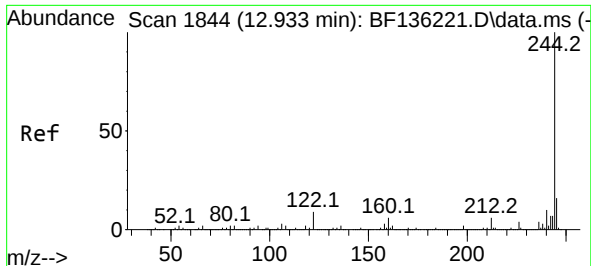


#78
Pyrene
Concen: 52.186 ng
RT: 12.780 min Scan# 1818
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



Tgt Ion:202 Resp: 1234986
Ion Ratio Lower Upper
202 100
200 22.3 18.4 27.6
203 15.0 11.8 17.6





#79
 Terphenyl-d14
 Concen: 85.977 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

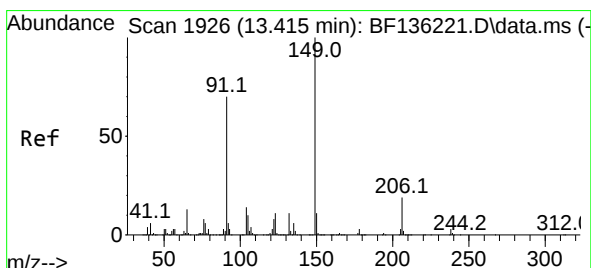
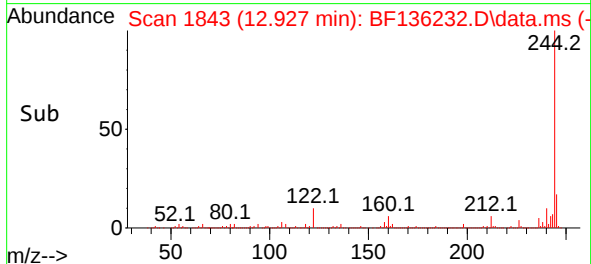
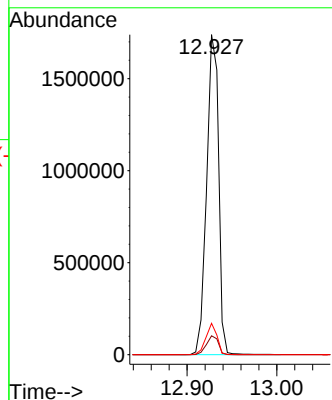
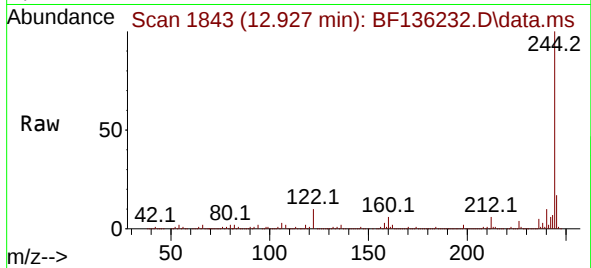
TP-9MS

Tgt Ion:244 Resp: 161063
 Ion Ratio Lower Upper
 244 100
 212 5.9 4.6 7.0
 122 9.8 7.3 10.9

Manual Integrations

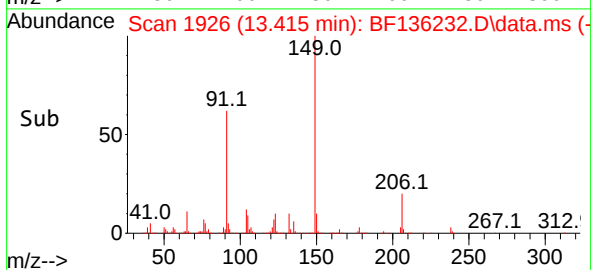
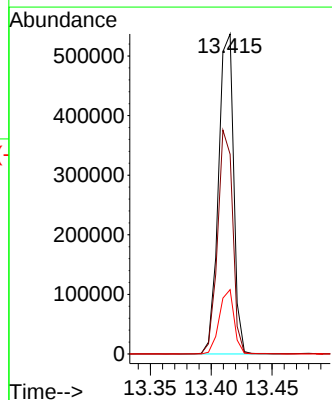
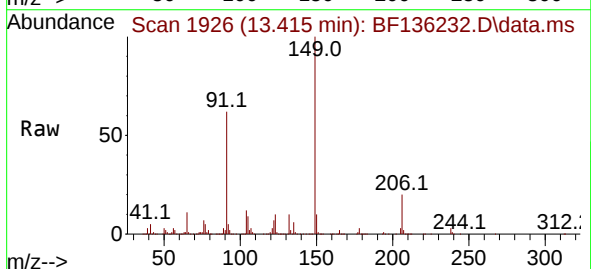
APPROVED

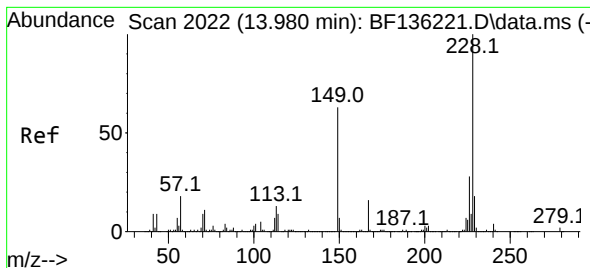
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023



#80
 Butylbenzylphthalate
 Concen: 63.213 ng
 RT: 13.415 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

Tgt Ion:149 Resp: 465577
 Ion Ratio Lower Upper
 149 100
 91 62.4 56.4 84.6
 206 20.1 14.8 22.2





#81

Benzo(a)anthracene

Concen: 53.234 ng

RT: 13.974 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:228 Resp: 85442

Ion Ratio Lower Upper

228 100

226 28.4 22.6 34.0

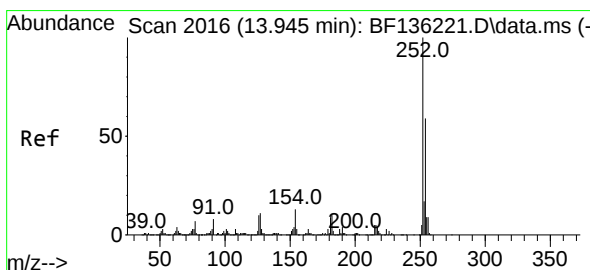
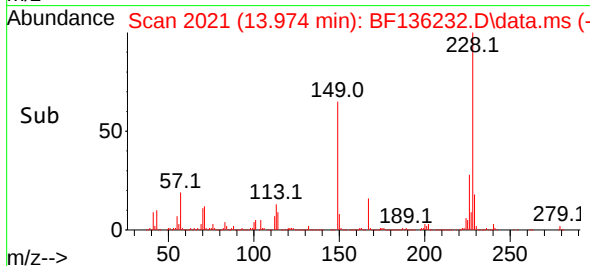
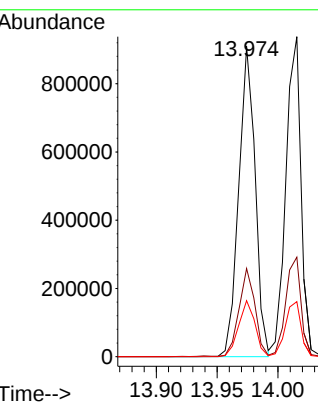
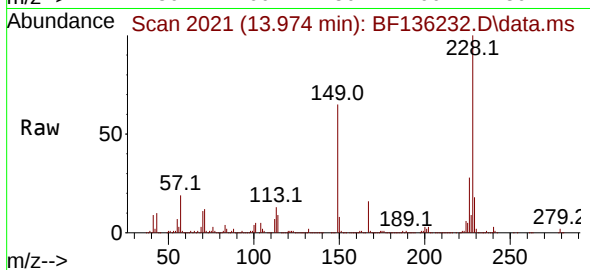
229 18.1 14.0 21.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#82

3,3'-Dichlorobenzidine

Concen: 29.434 ng

RT: 13.939 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

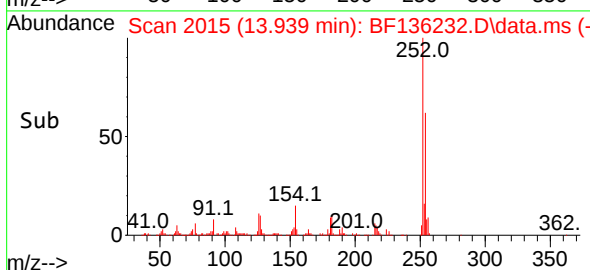
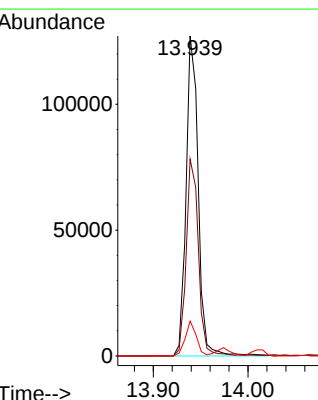
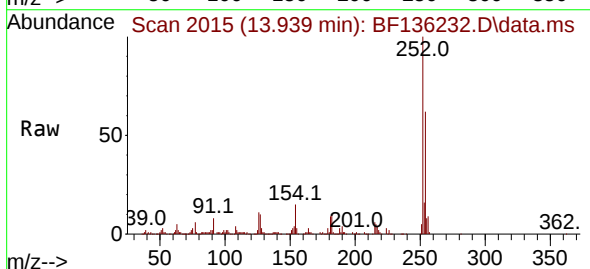
Tgt Ion:252 Resp: 113718

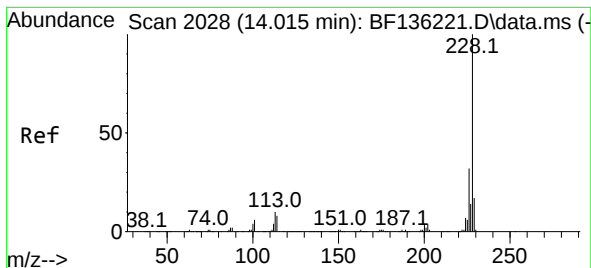
Ion Ratio Lower Upper

252 100

254 61.5 47.4 71.2

126 10.9 8.3 12.5





#83

Chrysene

Concen: 53.001 ng

RT: 14.015 min Scan# 2028

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:228 Resp: 821364

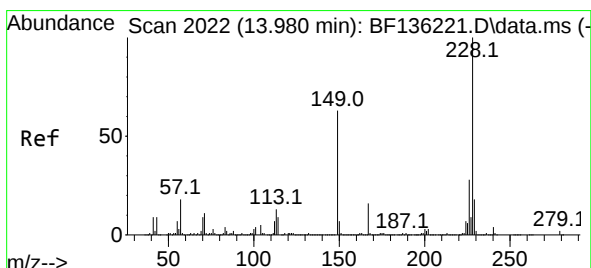
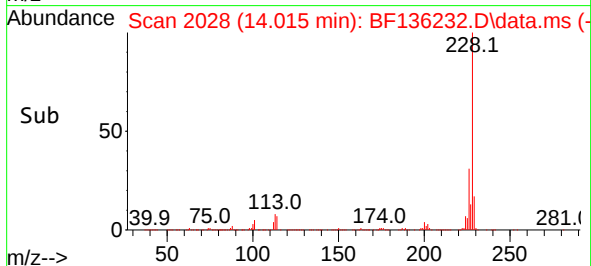
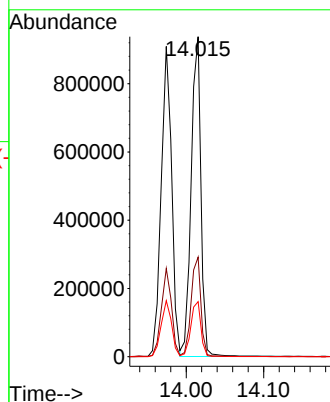
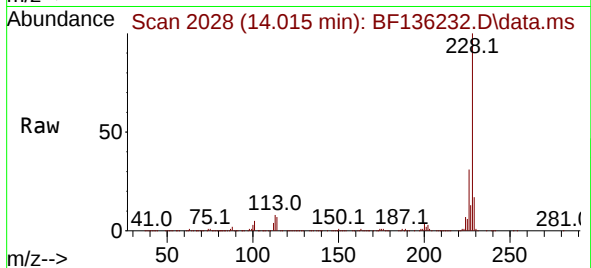
Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.5	38.3
229	17.2	13.9	20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 71.971 ng

RT: 13.980 min Scan# 2022

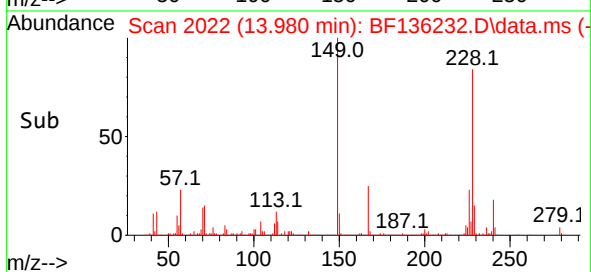
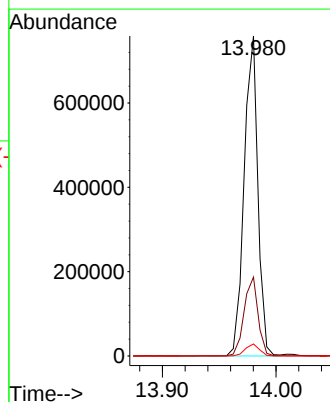
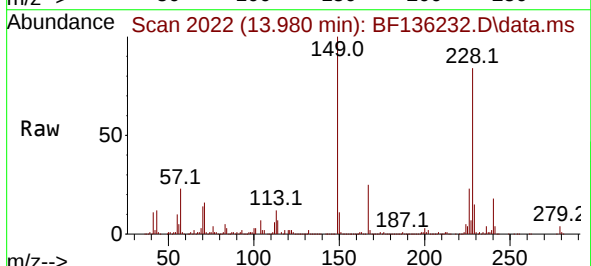
Delta R.T. -0.000 min

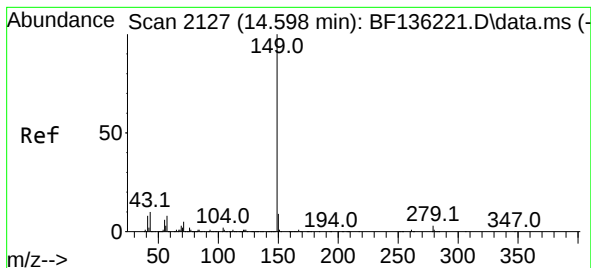
Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Tgt Ion:149 Resp: 636161

Ion	Ratio	Lower	Upper
149	100		
167	24.6	20.2	30.2
279	3.8	2.4	3.6#





#85

Di-n-octyl phthalate

Concen: 67.028 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.000 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

Instrument :

BNA_F

ClientSampleId :

TP-9MS

Tgt Ion:149 Resp: 995158

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

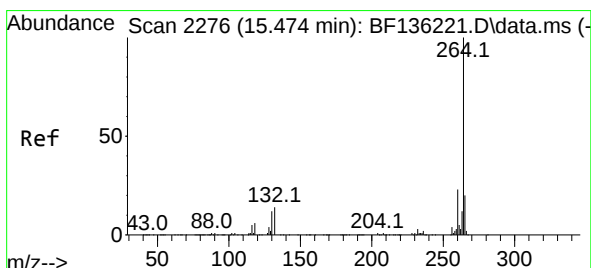
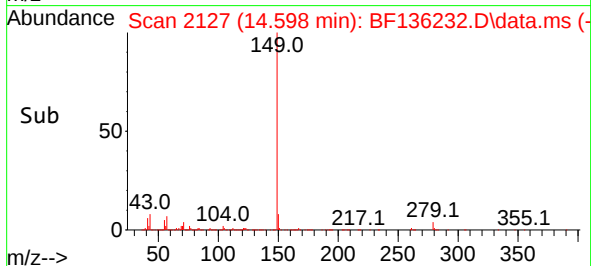
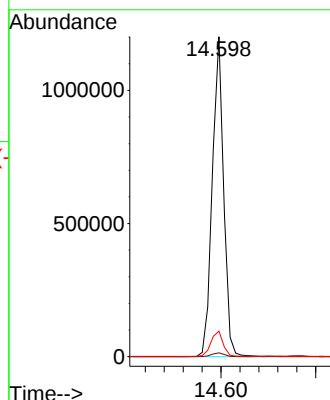
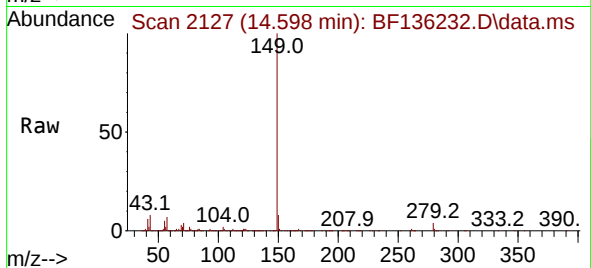
43 8.5 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/29/2023

Supervised By :mohammad ahmed 11/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136232.D

Acq: 27 Nov 2023 20:29

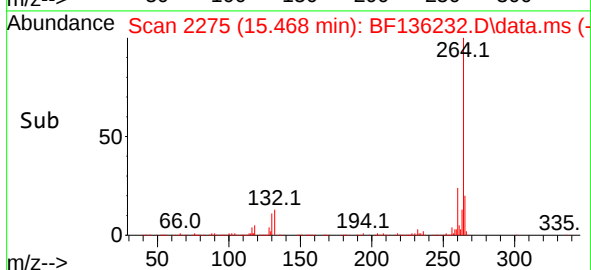
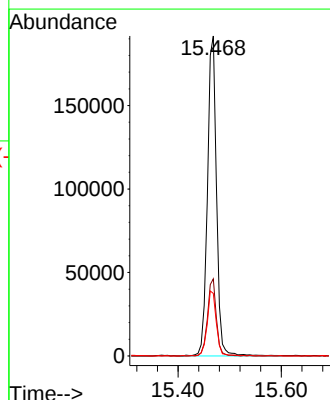
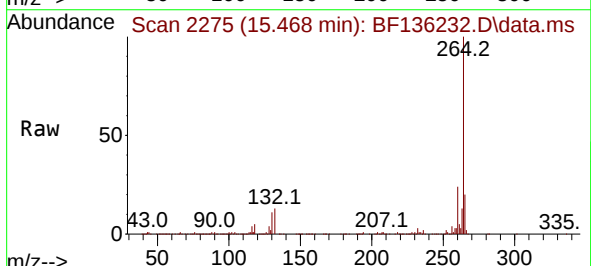
Tgt Ion:264 Resp: 233041

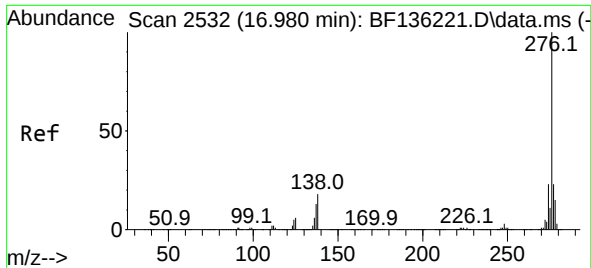
Ion Ratio Lower Upper

264 100

260 24.1 18.6 27.8

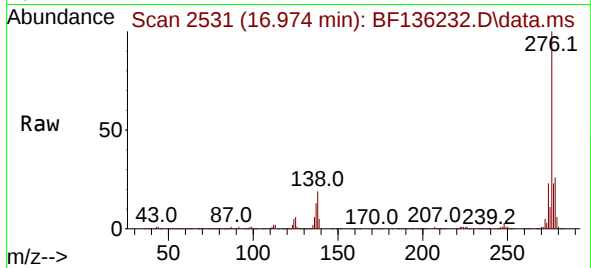
265 19.5 15.7 23.5





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.005 ng
 RT: 16.974 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29

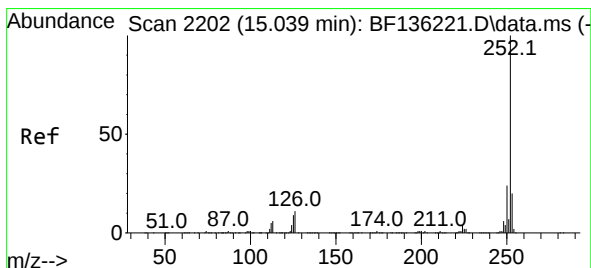
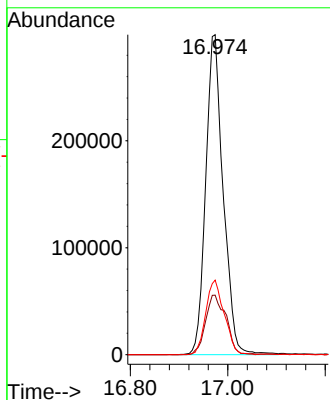
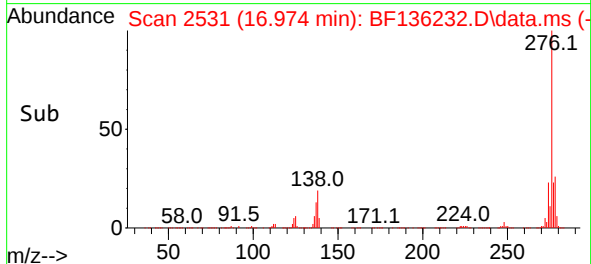
Instrument :
 BNA_F
 ClientSampleId :
 TP-9MS



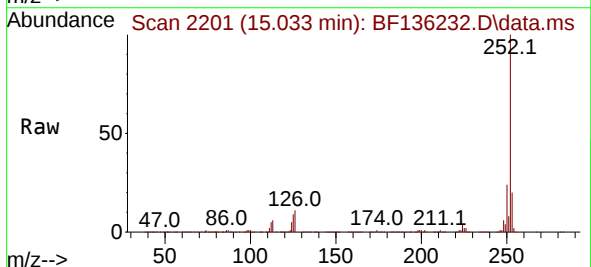
Tgt Ion:276 Resp: 743980
 Ion Ratio Lower Upper
 276 100
 138 21.9 17.7 26.5
 277 24.7 19.6 29.4

Manual Integrations
 APPROVED

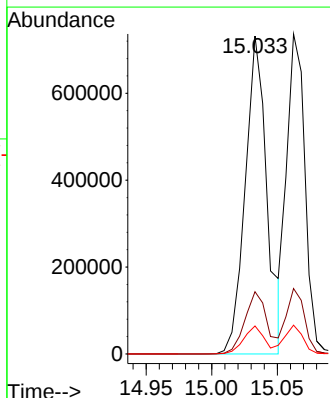
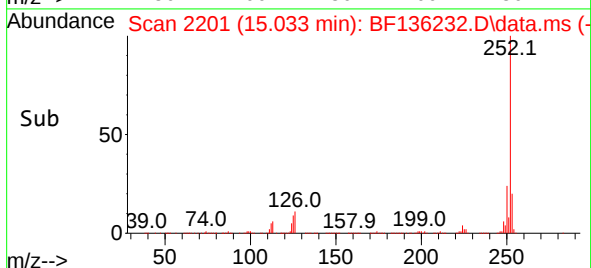
Reviewed By :Yogesh Patel 11/29/2023
 Supervised By :mohammad ahmed 11/29/2023

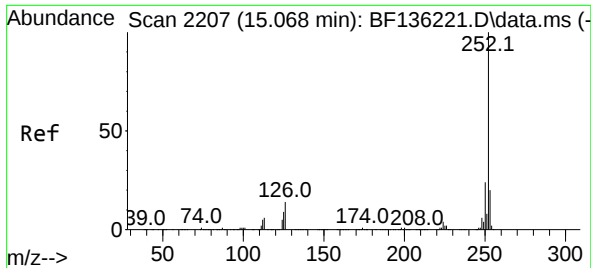


#88
 Benzo(b)fluoranthene
 Concen: 51.660 ng
 RT: 15.033 min Scan# 2201
 Delta R.T. -0.006 min
 Lab File: BF136232.D
 Acq: 27 Nov 2023 20:29



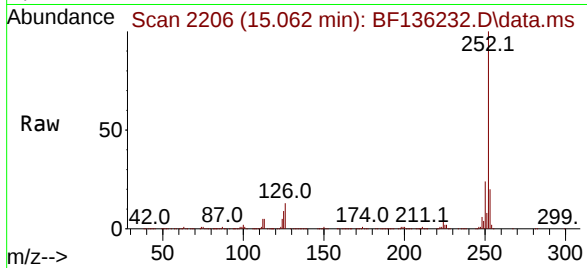
Tgt Ion:252 Resp: 844626
 Ion Ratio Lower Upper
 252 100
 253 19.6 16.2 24.2
 125 8.8 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 46.265 ng
RT: 15.062 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

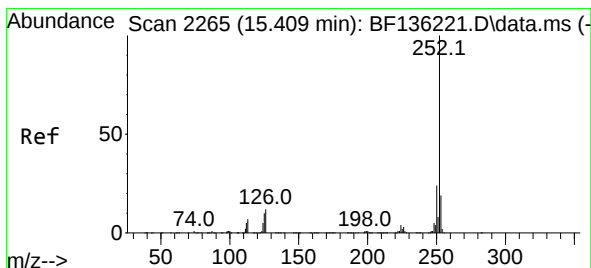
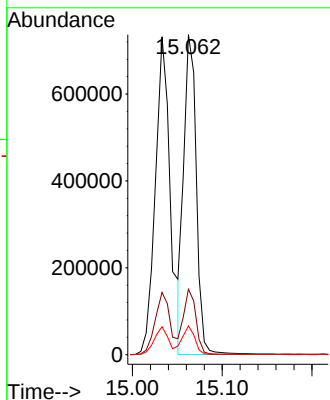
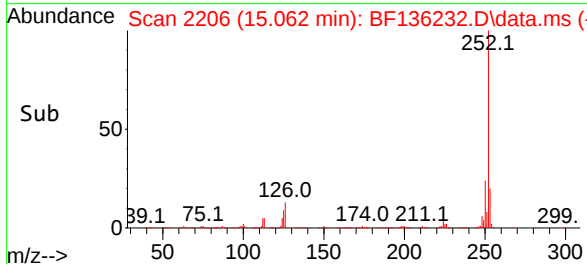
Instrument :
BNA_F
ClientSampleId :
TP-9MS



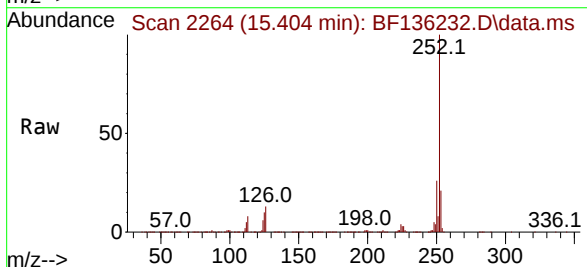
Tgt Ion:252 Resp: 71842
Ion Ratio Lower Upper
252 100
253 20.5 15.6 23.4
125 9.0 7.0 10.4

Manual Integrations
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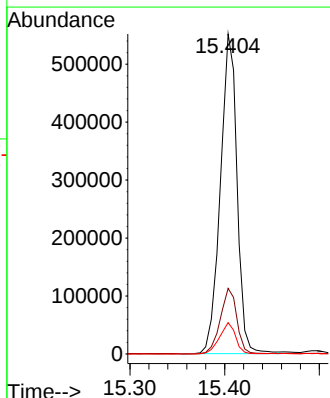
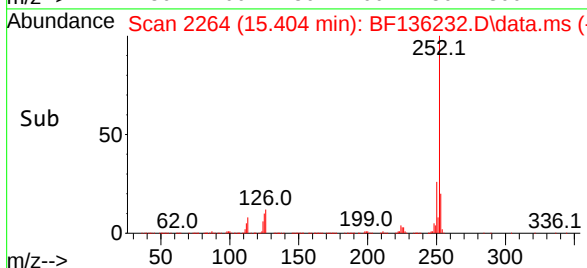
Reviewed By :Yogesh Patel 11/29/2023
Supervised By :mohammad ahmed 11/29/2023

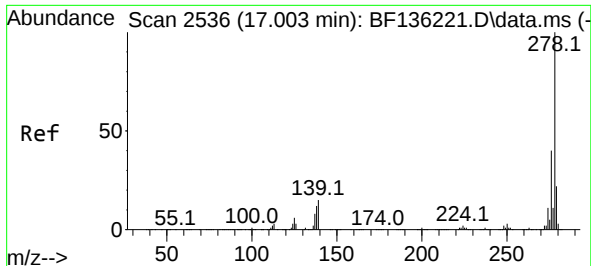


#90
Benzo(a)pyrene
Concen: 50.569 ng
RT: 15.404 min Scan# 2264
Delta R.T. -0.005 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29



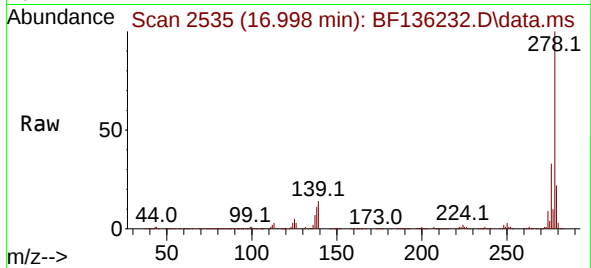
Tgt Ion:252 Resp: 675886
Ion Ratio Lower Upper
252 100
253 20.5 15.5 23.3
125 9.8 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 43.505 ng
RT: 16.998 min Scan# 21
Delta R.T. -0.005 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

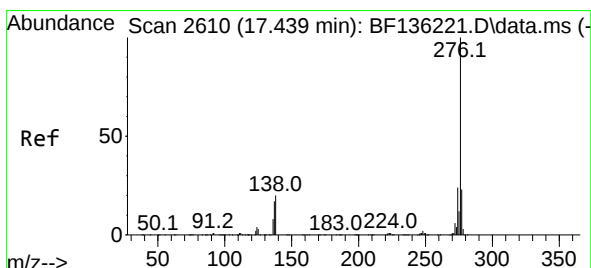
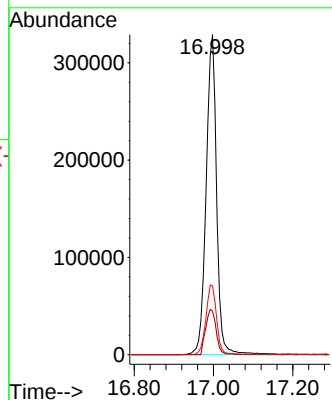
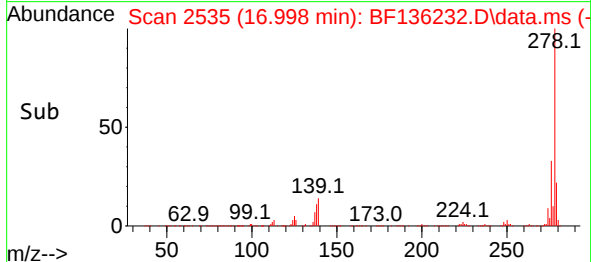
Instrument :
BNA_F
ClientSampleId :
TP-9MS



Tgt Ion:278 Resp: 60446
Ion Ratio Lower Upper
278 100
139 13.6 11.7 17.5
279 21.5 17.8 26.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 39.393 ng
RT: 17.427 min Scan# 2608
Delta R.T. -0.012 min
Lab File: BF136232.D
Acq: 27 Nov 2023 20:29

Tgt Ion:276 Resp: 547670
Ion Ratio Lower Upper
276 100
277 22.5 18.6 27.8
138 20.1 15.8 23.8

