

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF113023\
 Data File : BF136320.D
 Acq On : 30 Nov 2023 18:37
 Operator : CG\JU
 Sample : 05540-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MS

Quant Time: Dec 01 00:10:09 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 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.804	152	140186	20.000	ng	0.00
21) Naphthalene-d8	8.086	136	572423	20.000	ng	0.00
39) Acenaphthene-d10	9.845	164	266823	20.000	ng	0.00
64) Phenanthrene-d10	11.333	188	396350	20.000	ng	0.00
76) Chrysene-d12	13.986	240	265106	20.000	ng	0.00
86) Perylene-d12	15.468	264	288270	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.445	112	884227	87.791	ng	0.00
7) Phenol-d6	6.445	99	1082628	85.967	ng	0.00
23) Nitrobenzene-d5	7.369	82	658968	60.833	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	273033	83.698	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1263228	60.472	ng	0.00
79) Terphenyl-d14	12.927	244	952002	41.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.634	88	131240	34.438	ng	95
3) Pyridine	3.393	79	320808	34.102	ng	98
4) n-Nitrosodimethylamine	3.363	42	176517	37.120	ng	83
6) Aniline	6.475	93	390815	32.833	ng	95
8) 2-Chlorophenol	6.592	128	471941	43.034	ng	95
9) Benzaldehyde	6.357	77	46297	6.596	ng	93
10) Phenol	6.457	94	561931	41.591	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	416943	42.066	ng	95
12) 1,3-Dichlorobenzene	6.745	146	482253	38.749	ng	97
13) 1,4-Dichlorobenzene	6.828	146	503515	39.798	ng	98
14) 1,2-Dichlorobenzene	6.975	146	472899	39.482	ng	98
15) Benzyl Alcohol	6.951	79	367689	41.643	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.086	45	561518	40.786	ng	98
17) 2-Methylphenol	7.063	107	367456	42.620	ng	98
18) Hexachloroethane	7.316	117	172663	38.907	ng	94
19) n-Nitroso-di-n-propyla...	7.222	70	311814	41.398	ng	96
20) 3+4-Methylphenols	7.216	107	457109	40.794	ng	96
22) Acetophenone	7.216	105	652019	43.370	ng	# 95
24) Nitrobenzene	7.386	77	450744	41.061	ng	98
25) Isophorone	7.628	82	851703	43.604	ng	97
26) 2-Nitrophenol	7.704	139	229467	49.061	ng	97
27) 2,4-Dimethylphenol	7.739	122	340112	55.247	ng	94
28) bis(2-Chloroethoxy)met...	7.839	93	519719	43.989	ng	99
29) 2,4-Dichlorophenol	7.945	162	379944	45.756	ng	99
30) 1,2,4-Trichlorobenzene	8.028	180	423485	41.656	ng	97
31) Naphthalene	8.110	128	1374876	42.732	ng	99
32) Benzoic acid	7.869	122	257155	45.834	ng	98
33) 4-Chloroaniline	8.151	127	147234	13.462	ng	99
34) Hexachlorobutadiene	8.222	225	243350	40.915	ng	99
35) Caprolactam	8.533	113	111748m	48.140	ng	
36) 4-Chloro-3-methylphenol	8.639	107	383168	42.547	ng	99
37) 2-Methylnaphthalene	8.798	142	832787	41.262	ng	100
38) 1-Methylnaphthalene	8.898	142	814179	41.352	ng	97
40) 1,2,4,5-Tetrachloroben...	8.963	216	402790	47.434	ng	99
41) Hexachlorocyclopentadiene	8.951	237	302344	92.532	ng	96
43) 2,4,6-Trichlorophenol	9.075	196	257766	46.767	ng	95

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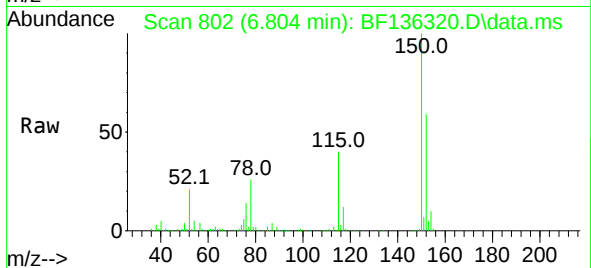
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	270973	45.051	ng	99
46) 1,1'-Biphenyl	9.263	154	1093916	46.491	ng	98
47) 2-Chloronaphthalene	9.286	162	809392	44.295	ng	97
48) 2-Nitroaniline	9.386	65	219049	45.915	ng	91
49) Acenaphthylene	9.704	152	1249988	47.935	ng	99
50) Dimethylphthalate	9.569	163	947199	46.968	ng	98
51) 2,6-Dinitrotoluene	9.633	165	190140	46.151	ng	87
52) Acenaphthene	9.875	154	722430	43.839	ng	97
53) 3-Nitroaniline	9.798	138	126164	30.862	ng	95
54) 2,4-Dinitrophenol	9.910	184	159825	83.410	ng	# 85
55) Dibenzofuran	10.051	168	1067028	43.514	ng	99
56) 4-Nitrophenol	9.963	139	253183	81.545	ng	94
57) 2,4-Dinitrotoluene	10.033	165	239989	43.608	ng	# 91
58) Fluorene	10.392	166	800107	41.598	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.169	232	206418	43.132	ng	98
60) Diethylphthalate	10.275	149	895062	44.369	ng	98
61) 4-Chlorophenyl-phenyle...	10.386	204	393698	42.148	ng	96
62) 4-Nitroaniline	10.416	138	153862	38.451	ng	96
63) Azobenzene	10.545	77	765783	40.946	ng	99
65) 4,6-Dinitro-2-methylph...	10.445	198	102877	47.465	ng	82
66) n-Nitrosodiphenylamine	10.510	169	700959	55.187	ng	97
67) 4-Bromophenyl-phenylether	10.880	248	234785	50.775	ng	91
68) Hexachlorobenzene	10.939	284	252760	47.230	ng	# 93
69) Atrazine	11.039	200	215501	57.194	ng	98
70) Pentachlorophenol	11.139	266	258786	85.546	ng	97
71) Phenanthrene	11.357	178	1151188	51.677	ng	99
72) Anthracene	11.410	178	1060628	47.478	ng	99
73) Carbazole	11.569	167	841530	44.291	ng	99
74) Di-n-butylphthalate	11.904	149	1173816	49.376	ng	99
75) Fluoranthene	12.551	202	1059481	46.849	ng	97
77) Benzidine	12.674	184	244272	56.053	ng	99
78) Pyrene	12.780	202	1070386	36.867	ng	98
80) Butylbenzylphthalate	13.410	149	388651	43.011	ng	98
81) Benzo(a)anthracene	13.974	228	953692	48.432	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	233622	49.288	ng	94
83) Chrysene	14.015	228	901116	47.396	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	539202	49.722	ng	# 99
85) Di-n-octyl phthalate	14.592	149	1076133	59.692	ng	98
87) Indeno(1,2,3-cd)pyrene	16.974	276	669157	32.001	ng	99
88) Benzo(b)fluoranthene	15.039	252	983235	48.616	ng	99
89) Benzo(k)fluoranthene	15.068	252	876479	45.630	ng	99
90) Benzo(a)pyrene	15.409	252	782459	47.327	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	546244	32.513	ng	98
92) Benzo(g,h,i)perylene	17.433	276	487012	28.853	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.804 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

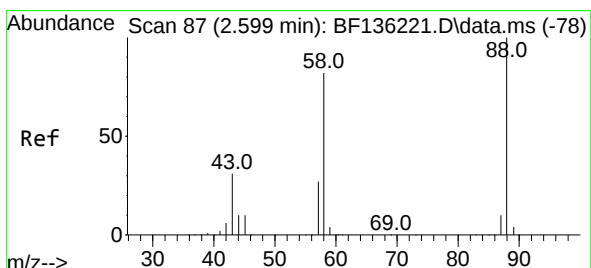
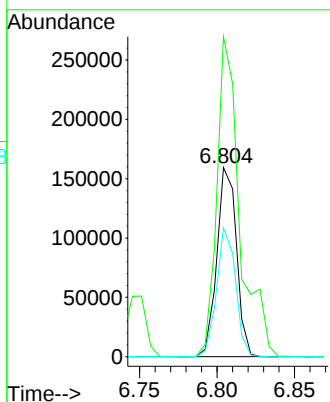
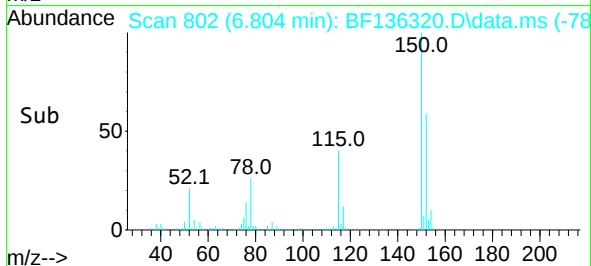
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:152 Resp: 140180
Ion Ratio Lower Upper
152 100
150 169.2 137.8 206.8
115 68.2 52.7 79.1

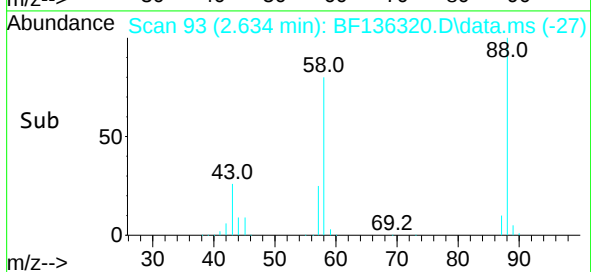
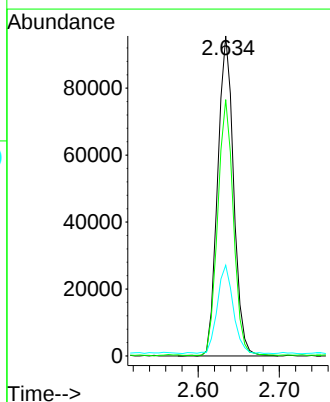
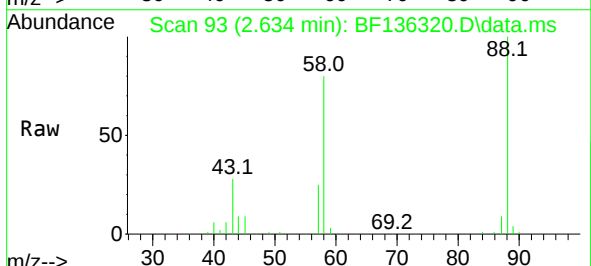
Manual Integrations
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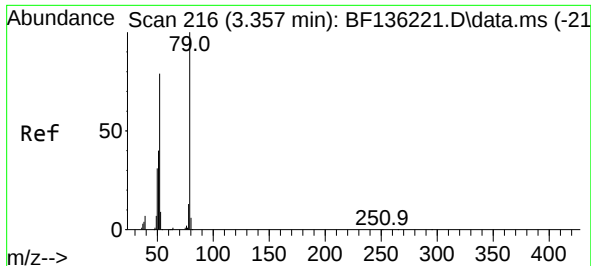
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#2
1,4-Dioxane
Concen: 34.438 ng
RT: 2.634 min Scan# 93
Delta R.T. 0.035 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

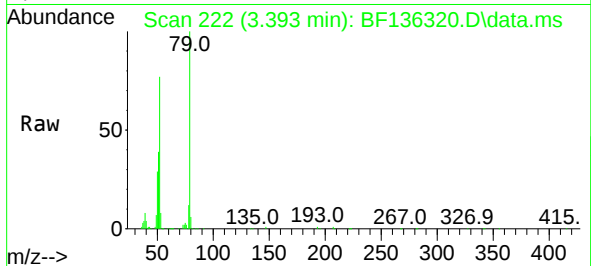
Tgt Ion: 88 Resp: 131240
Ion Ratio Lower Upper
88 100
58 78.3 65.9 98.9
43 27.6 24.8 37.2





#3
Pyridine
Concen: 34.102 ng
RT: 3.393 min Scan# 216
Delta R.T. 0.035 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

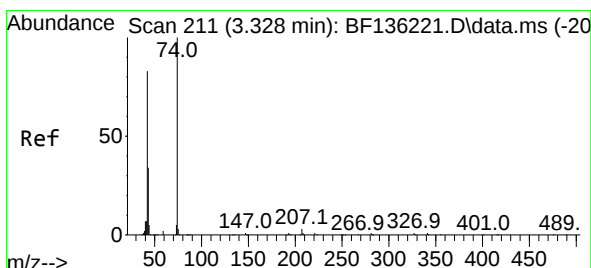
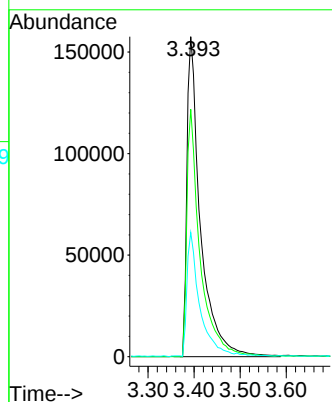
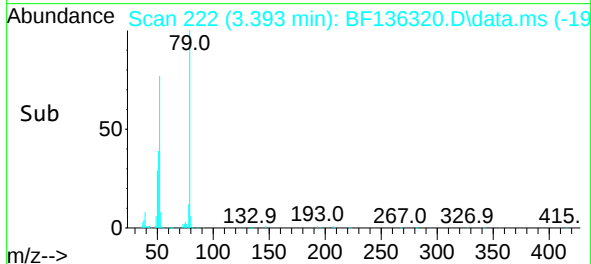
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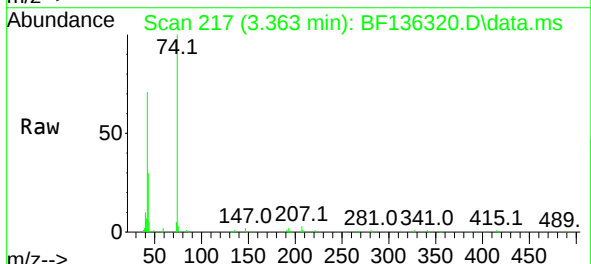
Tgt Ion: 79 Resp: 320808
Ion Ratio Lower Upper
79 100
52 77.3 63.2 94.8
51 38.8 32.6 49.0

Manual Integrations
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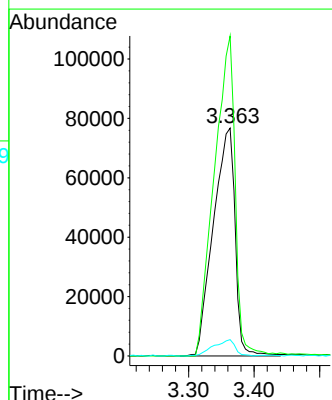
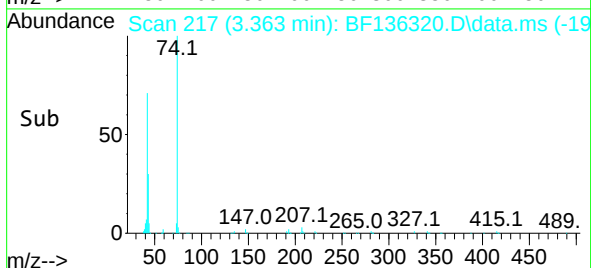
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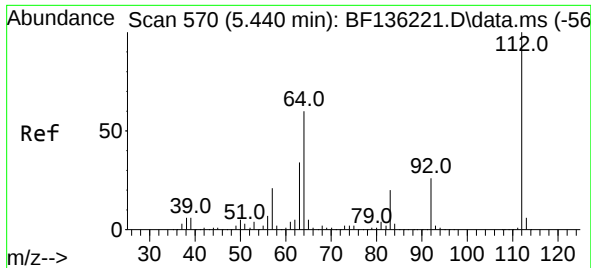


#4
n-Nitrosodimethylamine
Concen: 37.120 ng
RT: 3.363 min Scan# 217
Delta R.T. 0.035 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



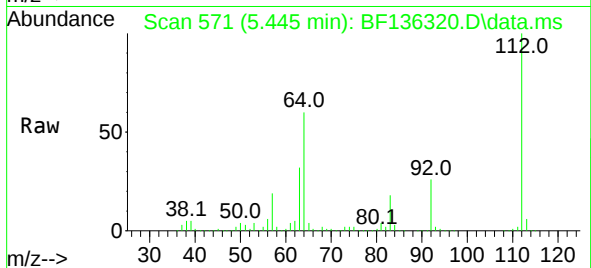
Tgt Ion: 42 Resp: 176517
Ion Ratio Lower Upper
42 100
74 140.5 96.6 144.8
44 7.2 5.4 8.2





#5
2-Fluorophenol
Concen: 87.791 ng
RT: 5.445 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

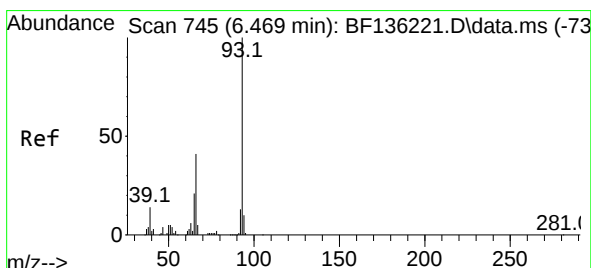
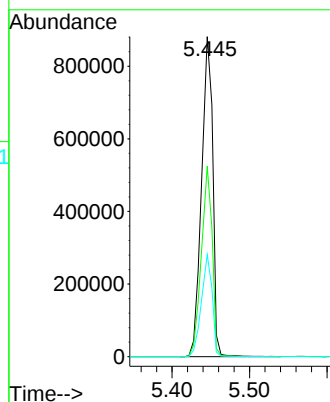
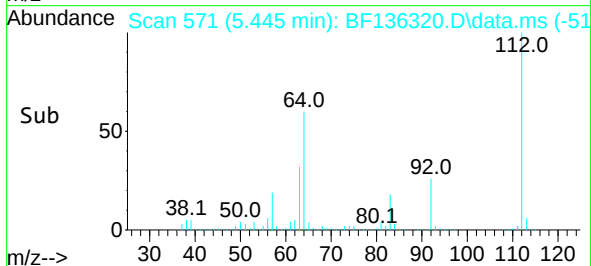
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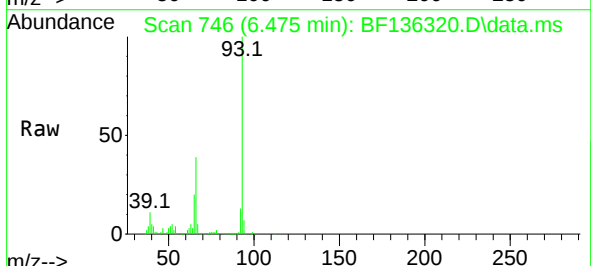
Tgt Ion:112 Resp: 884227
Ion Ratio Lower Upper
112 100
64 59.5 48.2 72.4
63 31.9 27.0 40.6

Manual Integrations
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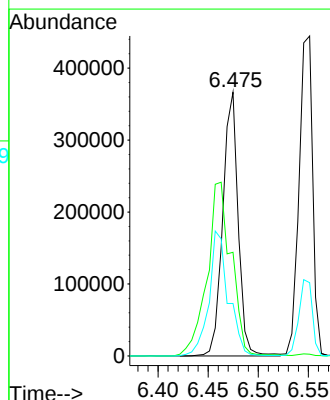
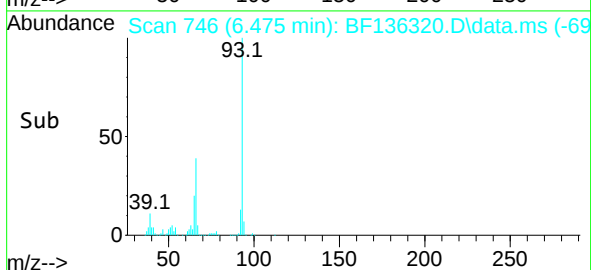
Reviewed By :Yogesh Patel 12/01/2023
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#6
Aniline
Concen: 32.833 ng
RT: 6.475 min Scan# 746
Delta R.T. 0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



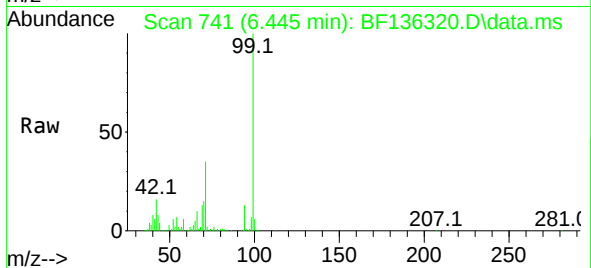
Tgt Ion: 93 Resp: 390815
Ion Ratio Lower Upper
93 100
66 39.3 34.1 51.1
65 19.9 17.3 25.9





#7
Phenol-d6
Concen: 85.967 ng
RT: 6.445 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

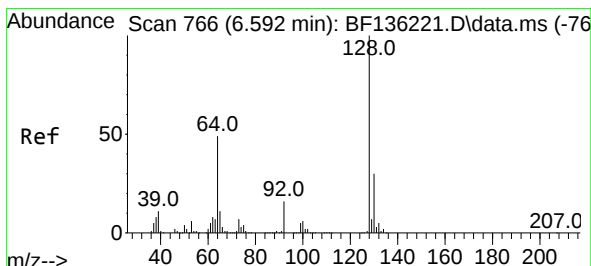
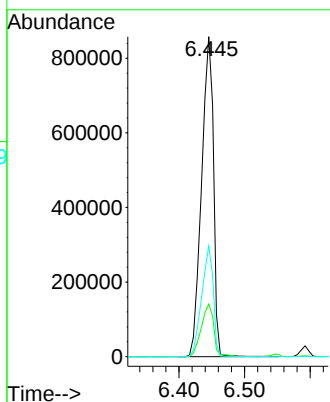
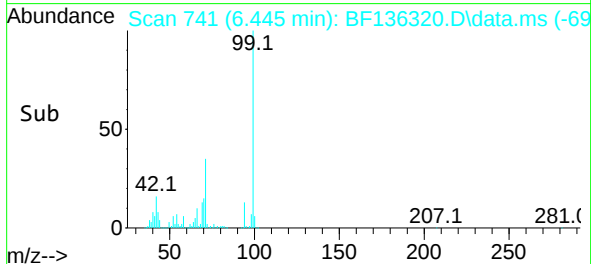
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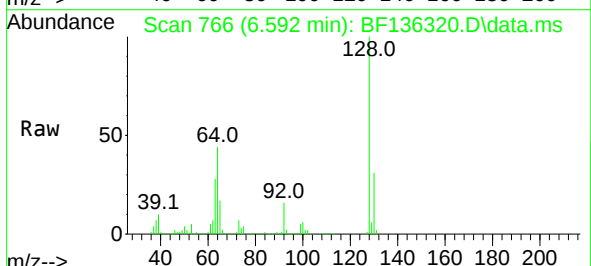
Tgt Ion: 99 Resp: 1082628
Ion Ratio Lower Upper
99 100
42 16.4 15.0 22.6
71 34.6 28.9 43.3

Manual Integrations
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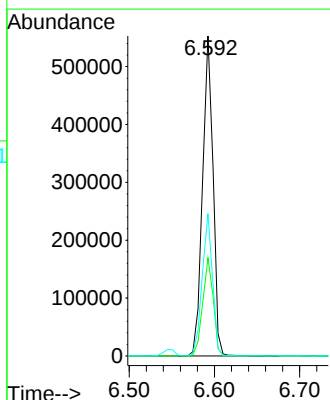
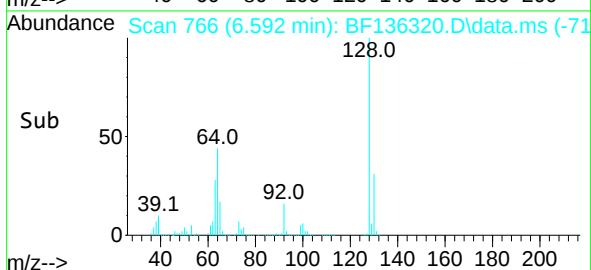
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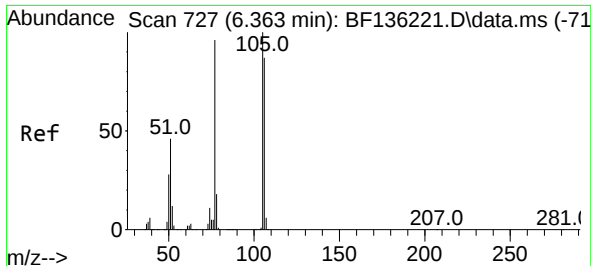


#8
2-Chlorophenol
Concen: 43.034 ng
RT: 6.592 min Scan# 766
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



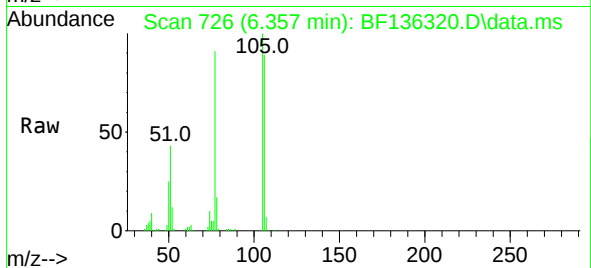
Tgt Ion:128 Resp: 471941
Ion Ratio Lower Upper
128 100
130 30.6 10.3 50.3
64 44.5 30.0 70.0





#9
Benzaldehyde
Concen: 6.596 ng
RT: 6.357 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

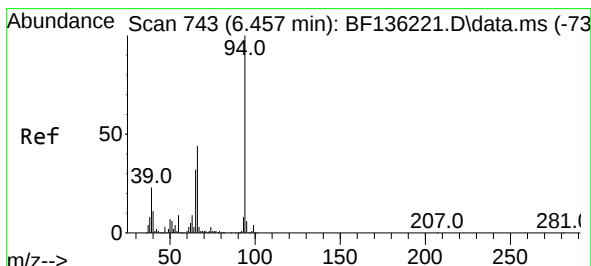
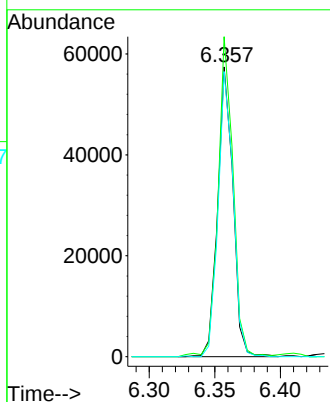
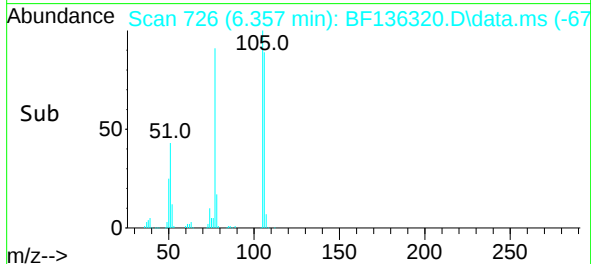
Instrument :
BNA_F
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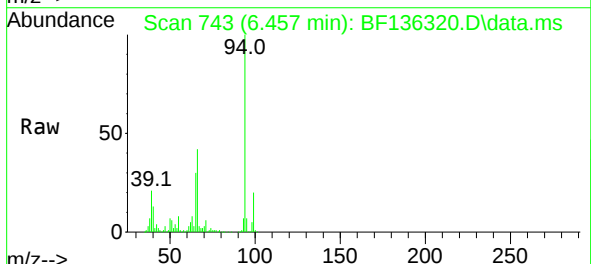
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Ion Ratio Lower Upper
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105 110.4 84.3 124.3
106 98.4 71.0 111.0

Manual Integrations
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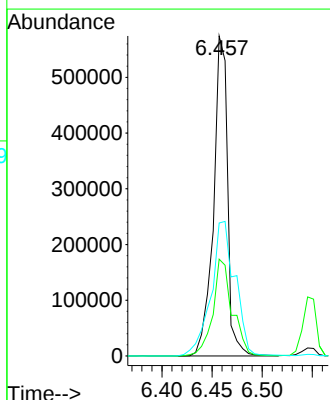
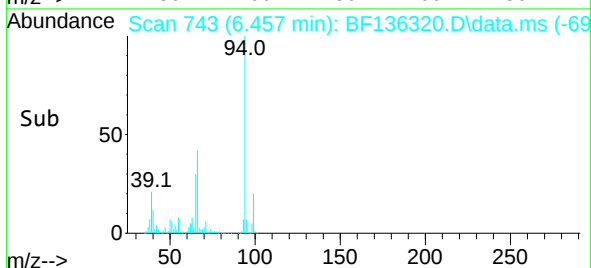
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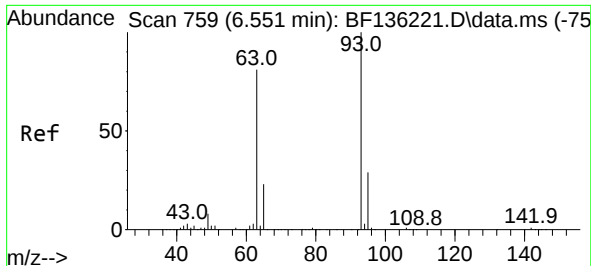


#10
Phenol
Concen: 41.591 ng
RT: 6.457 min Scan# 743
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



Tgt Ion: 94 Resp: 561931
Ion Ratio Lower Upper
94 100
65 30.2 12.5 52.5
66 41.5 24.1 64.1





#11

bis(2-Chloroethyl)ether

Concen: 42.066 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

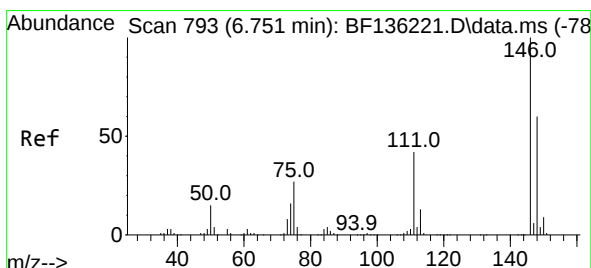
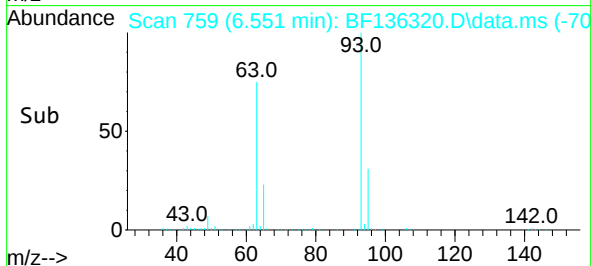
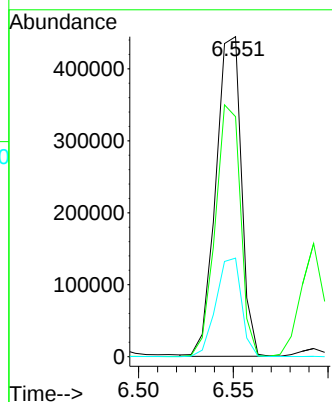
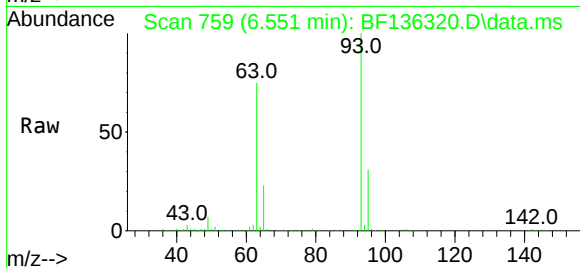
TR-06-11222023MS

Tgt Ion: 93 Resp: 41694

Ion	Ratio	Lower	Upper
93	100		
63	75.0	60.2	100.2
95	30.8	9.1	49.1

Manual Integrations
APPROVED

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



#12

1,3-Dichlorobenzene

Concen: 38.749 ng

RT: 6.745 min Scan# 792

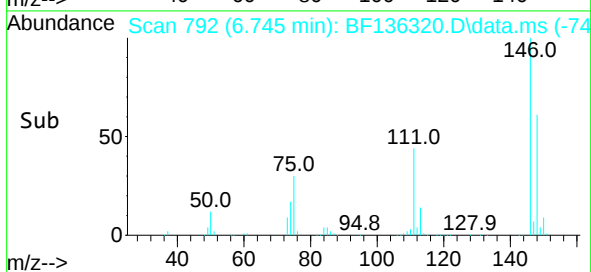
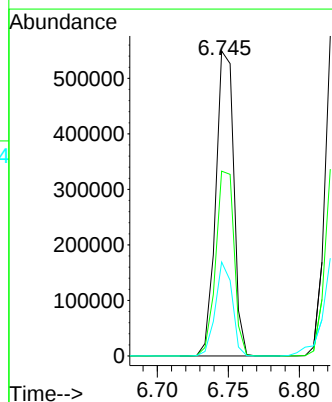
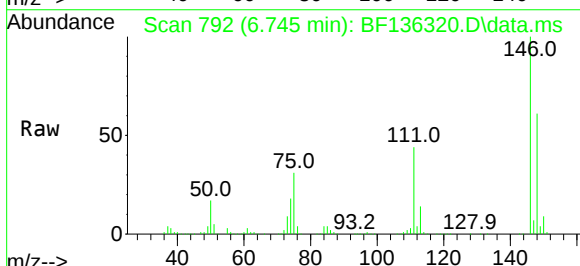
Delta R.T. -0.006 min

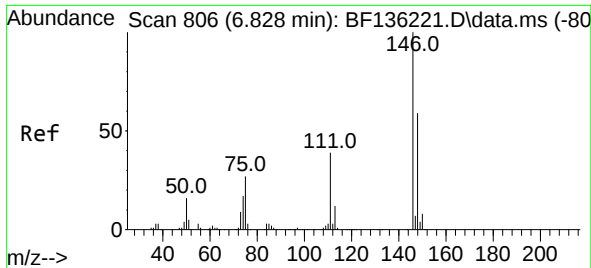
Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Tgt Ion:146 Resp: 482253

Ion	Ratio	Lower	Upper
146	100		
148	60.6	47.8	71.6
75	30.8	22.0	33.0





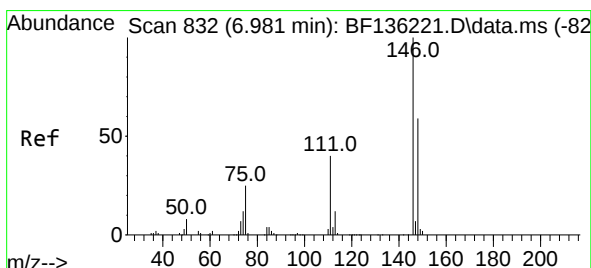
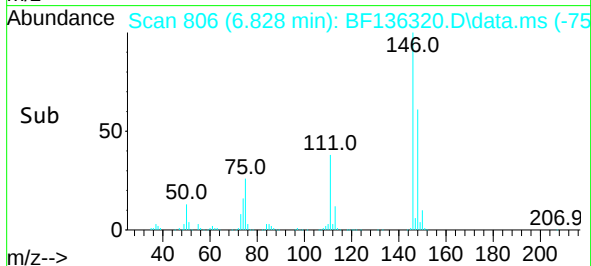
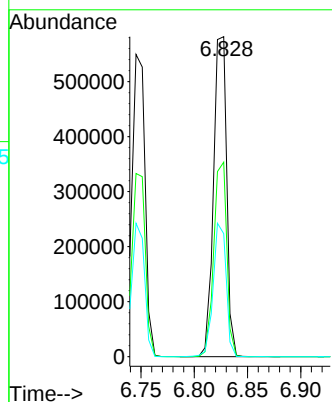
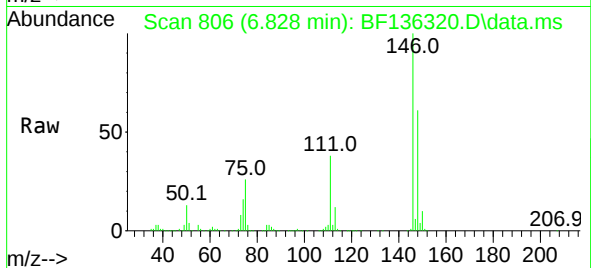
#13
1,4-Dichlorobenzene
Concen: 39.798 ng
RT: 6.828 min Scan# 806
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:146 Resp: 50351
Ion Ratio Lower Upper
146 100
148 60.8 47.0 70.6
111 38.4 31.5 47.3

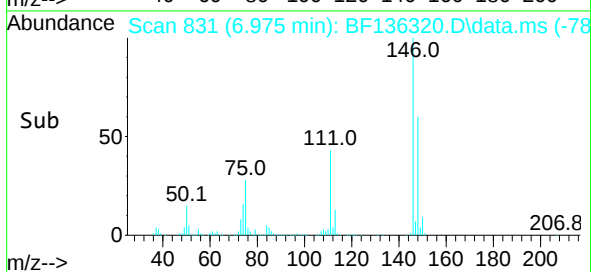
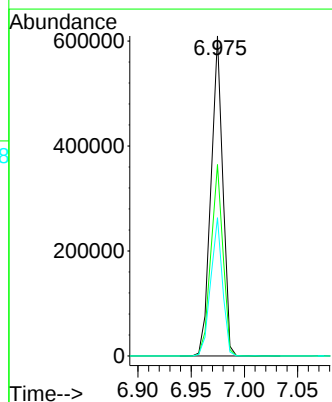
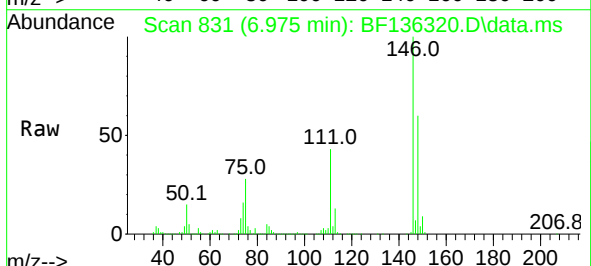
Manual Integrations
APPROVED

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



#14
1,2-Dichlorobenzene
Concen: 39.482 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

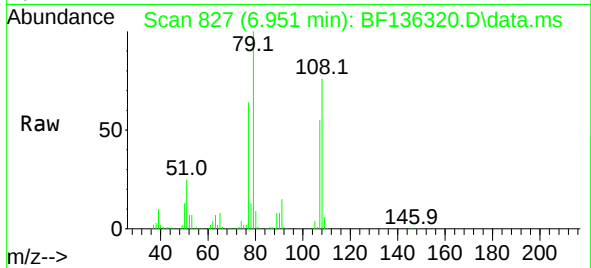
Tgt Ion:146 Resp: 472899
Ion Ratio Lower Upper
146 100
148 59.8 47.3 70.9
111 43.2 32.4 48.6





#15
Benzyl Alcohol
Concen: 41.643 ng
RT: 6.951 min Scan# 827
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

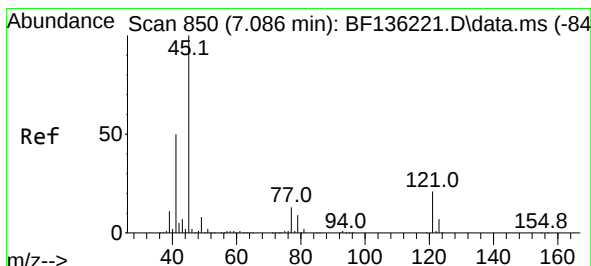
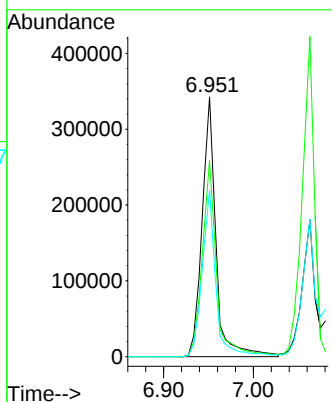
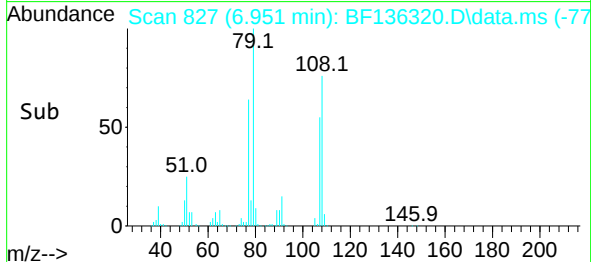
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



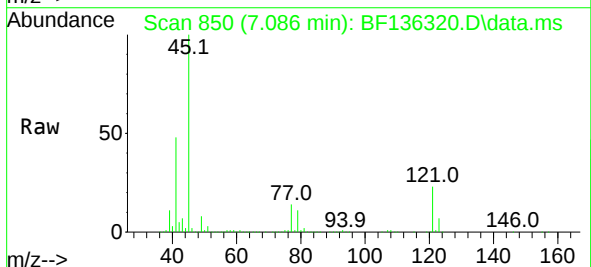
Tgt Ion: 79 Resp: 367689
Ion Ratio Lower Upper
79 100
108 75.7 58.1 87.1
77 64.1 51.8 77.8

Manual Integrations
APPROVED

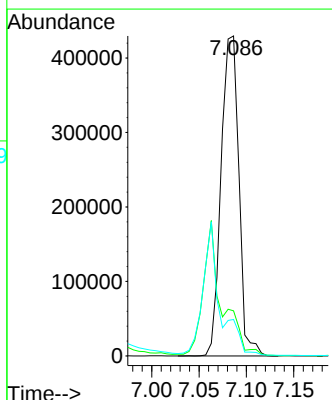
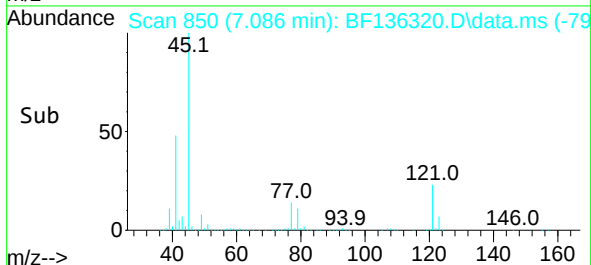
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

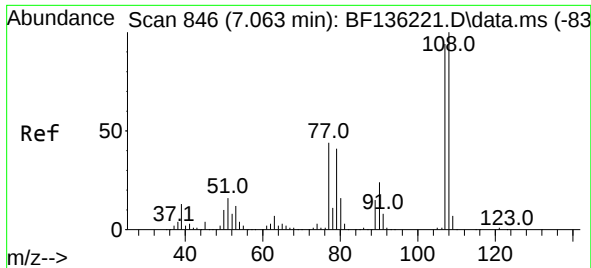


#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.786 ng
RT: 7.086 min Scan# 850
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



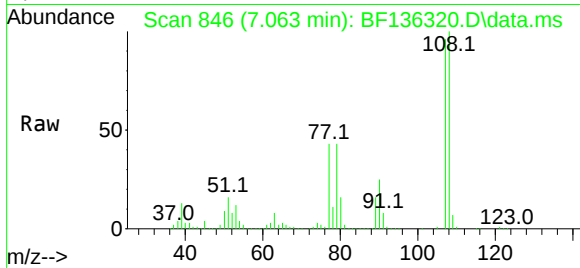
Tgt Ion: 45 Resp: 561518
Ion Ratio Lower Upper
45 100
77 14.1 0.0 34.0
79 11.4 0.0 30.1





#17
2-Methylphenol
Concen: 42.620 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

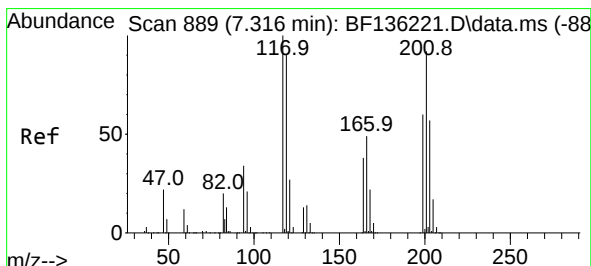
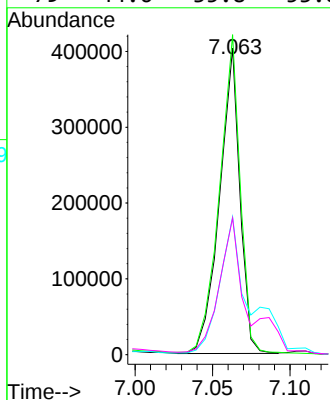
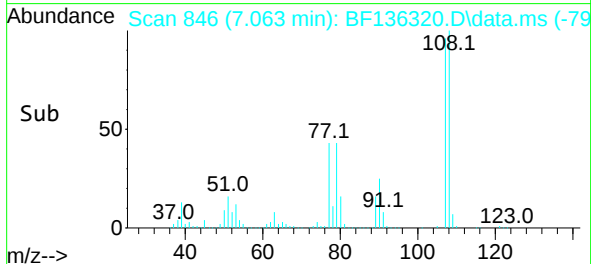
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



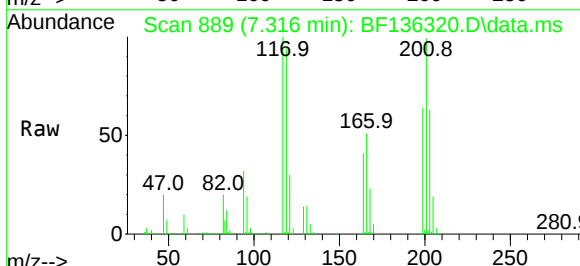
Tgt Ion:107 Resp: 367450
Ion Ratio Lower Upper
107 100
108 104.4 85.4 128.0
77 44.9 37.4 56.2
79 44.6 35.8 53.8

Manual Integrations
APPROVED

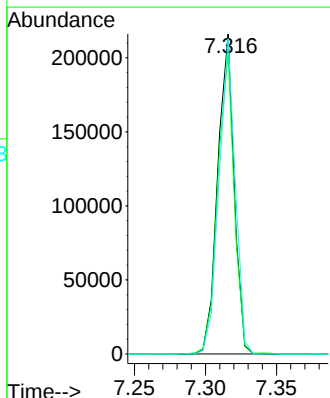
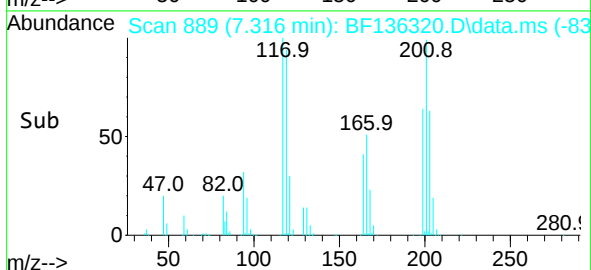
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

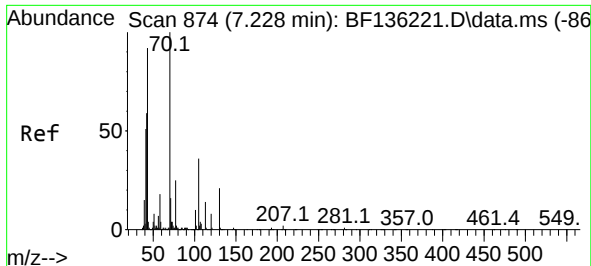


#18
Hexachloroethane
Concen: 38.907 ng
RT: 7.316 min Scan# 889
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



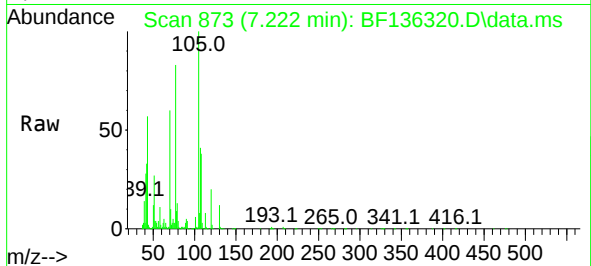
Tgt Ion:117 Resp: 172663
Ion Ratio Lower Upper
117 100
119 94.0 71.6 107.4
201 98.5 73.4 110.2





#19
n-Nitroso-di-n-propylamine
Concen: 41.398 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

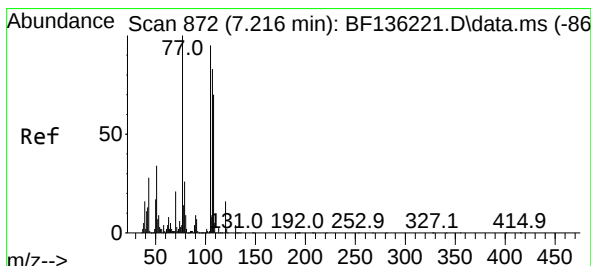
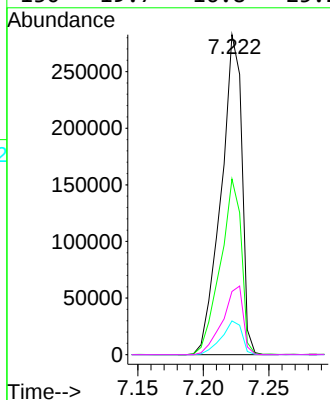
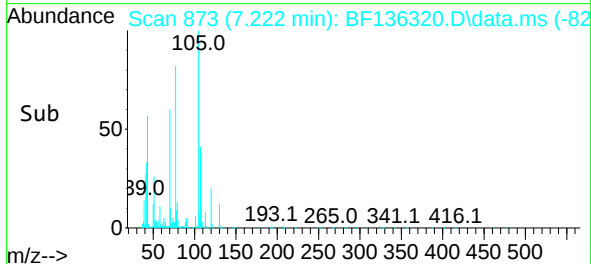
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



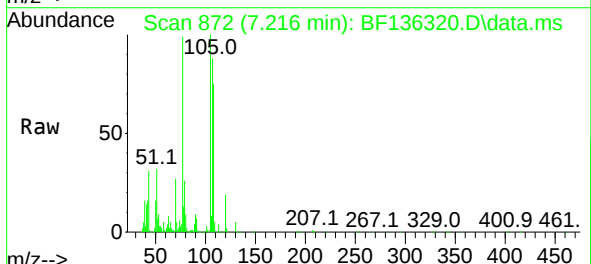
Tgt Ion: 70 Resp: 311814
Ion Ratio Lower Upper
70 100
42 54.9 47.0 70.4
101 10.6 7.8 11.8
130 19.7 16.8 25.2

Manual Integrations
APPROVED

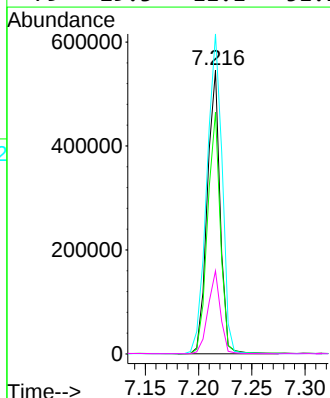
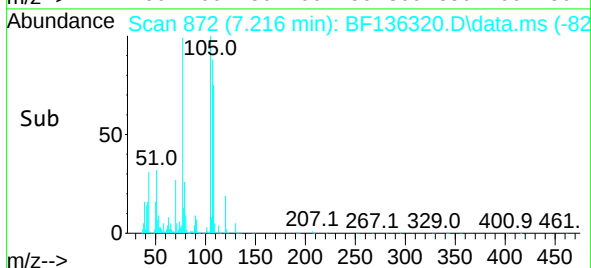
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

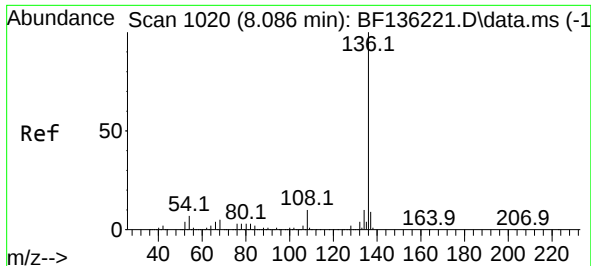


#20
3+4-Methylphenols
Concen: 40.794 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



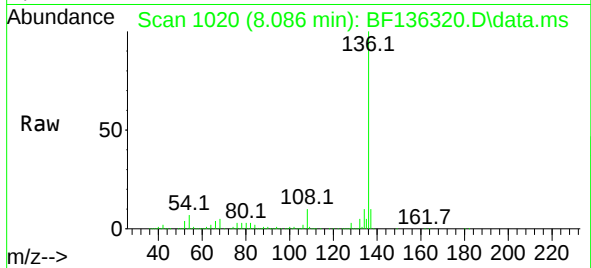
Tgt Ion:107 Resp: 457109
Ion Ratio Lower Upper
107 100
108 85.2 63.9 103.9
77 112.8 100.2 140.2
79 29.3 11.1 51.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1020
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

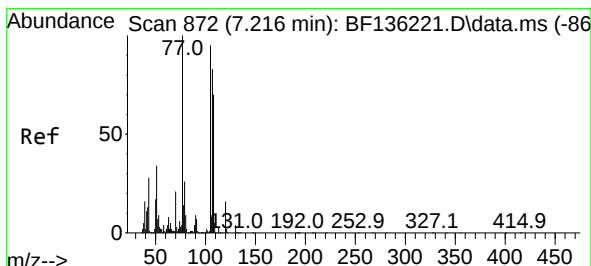
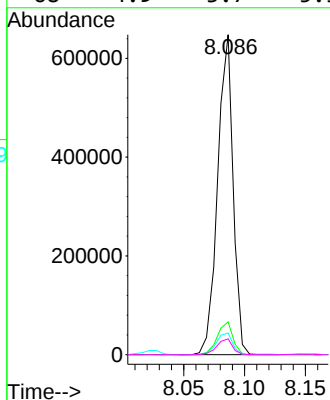
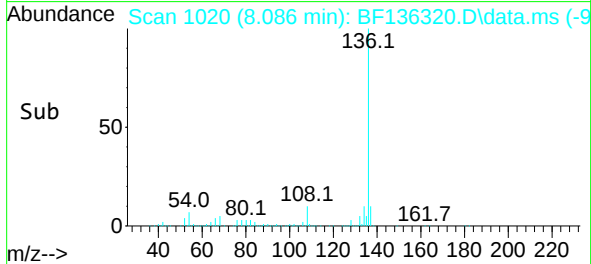
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:136 Resp: 572423
Ion Ratio Lower Upper
136 100
137 10.3 7.4 11.2
54 6.8 5.5 8.3
68 4.9 3.7 5.5

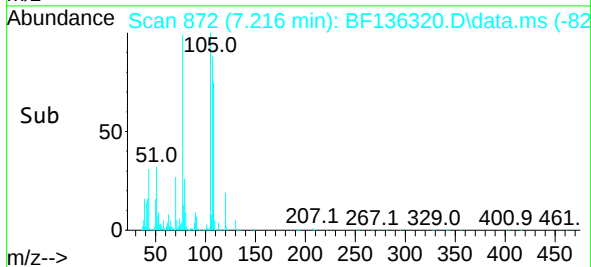
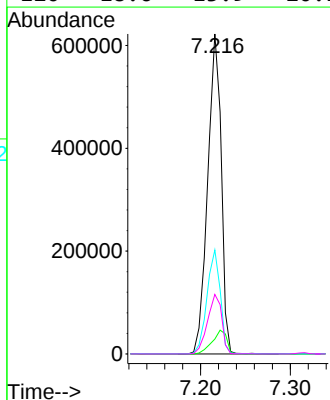
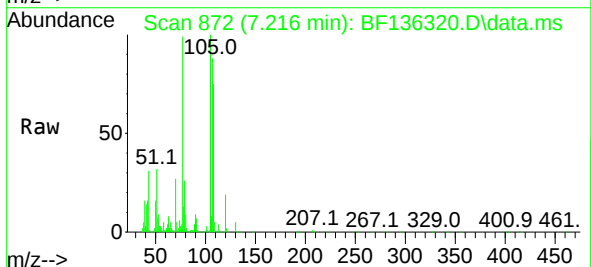
Manual Integrations
APPROVED

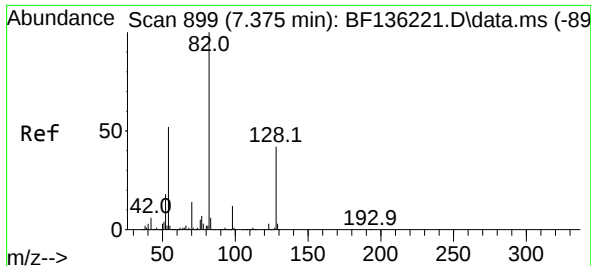
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#22
Acetophenone
Concen: 43.370 ng
RT: 7.216 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Tgt Ion:105 Resp: 652019
Ion Ratio Lower Upper
105 100
71 4.7 2.8 4.2#
51 32.5 29.0 43.6
120 18.6 13.9 20.9





#23

Nitrobenzene-d5

Concen: 60.833 ng

RT: 7.369 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion: 82 Resp: 65896

Ion Ratio Lower Upper

82 100

128 42.9 33.4 50.2

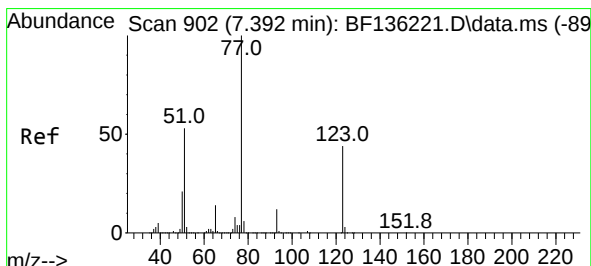
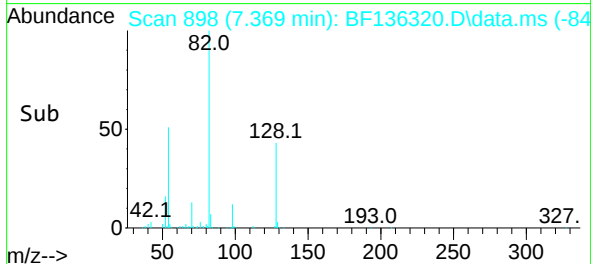
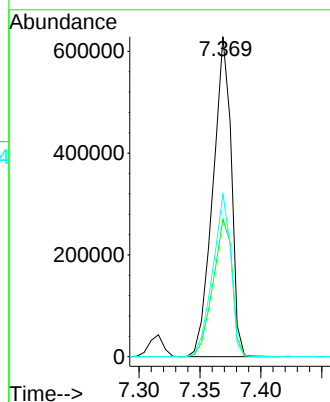
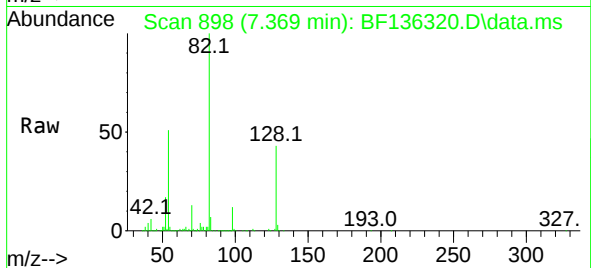
54 50.8 41.7 62.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#24

Nitrobenzene

Concen: 41.061 ng

RT: 7.386 min Scan# 901

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

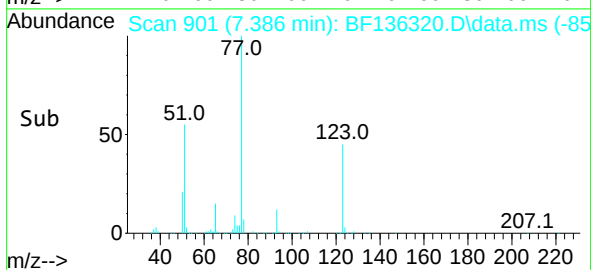
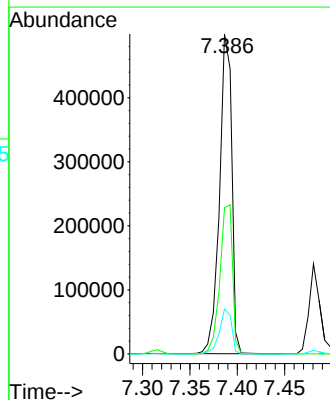
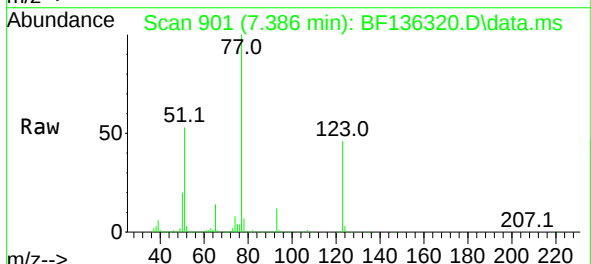
Tgt Ion: 77 Resp: 450744

Ion Ratio Lower Upper

77 100

123 45.7 35.4 53.2

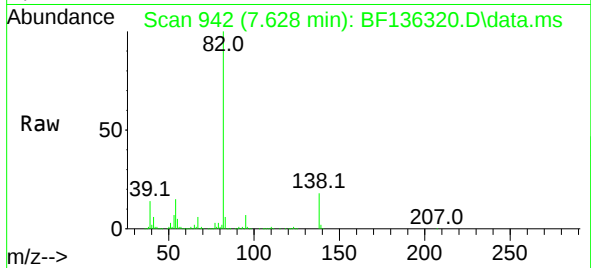
65 14.1 11.0 16.6





#25
Isophorone
Concen: 43.604 ng
RT: 7.628 min Scan# 942
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

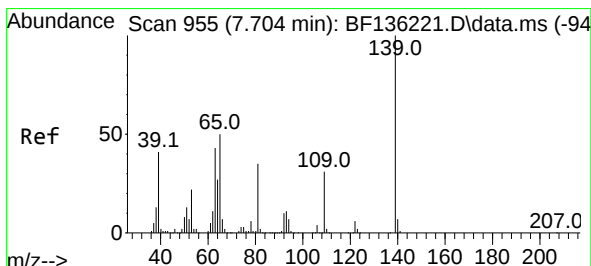
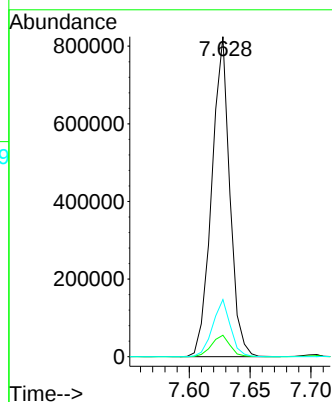
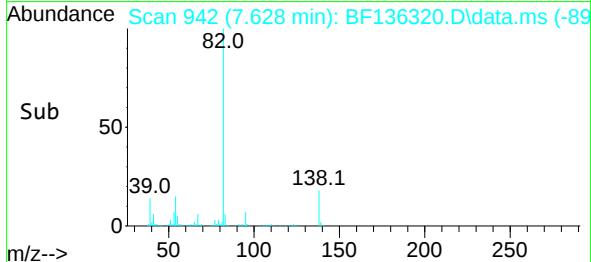
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



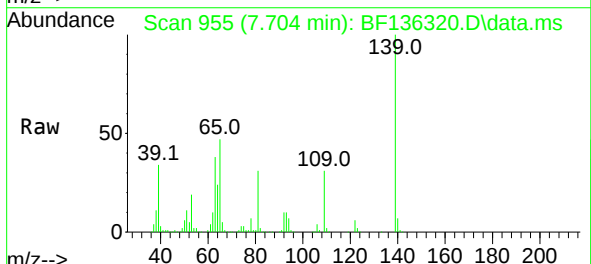
Tgt Ion: 82 Resp: 85170
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.9 12.8 19.2

Manual Integrations
APPROVED

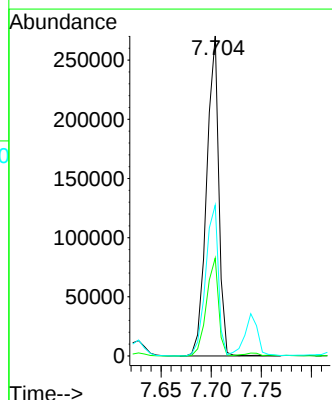
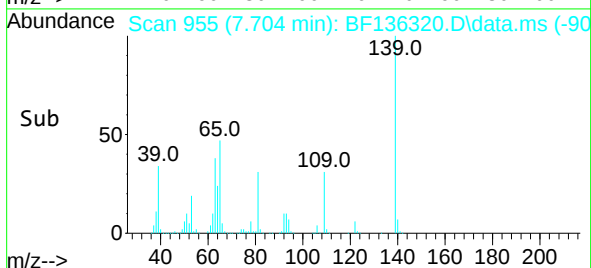
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

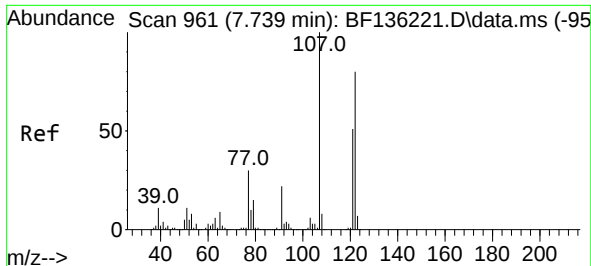


#26
2-Nitrophenol
Concen: 49.061 ng
RT: 7.704 min Scan# 955
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



Tgt Ion:139 Resp: 229467
Ion Ratio Lower Upper
139 100
109 30.6 25.0 37.6
65 47.1 40.4 60.6





#27

2,4-Dimethylphenol

Concen: 55.247 ng

RT: 7.739 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF136320.D

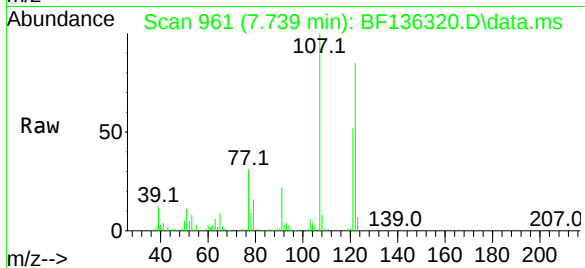
Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS



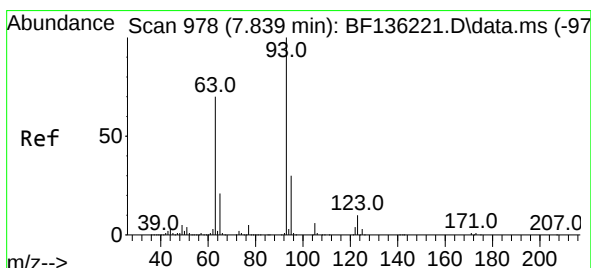
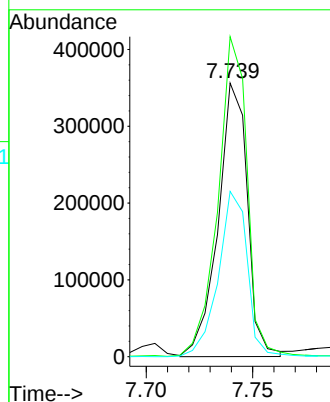
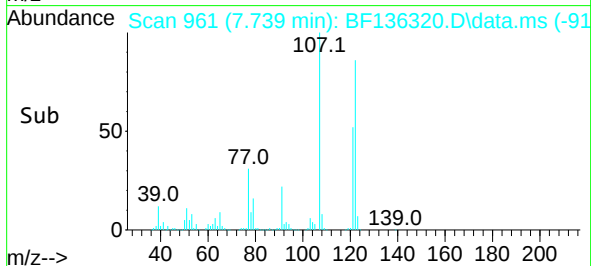
Tgt Ion:	122	Resp:	34011
Ion Ratio	Lower	Upper	
122	100		
107	117.0	100.0	150.0
121	60.4	50.7	76.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#28

bis(2-Chloroethoxy)methane

Concen: 43.989 ng

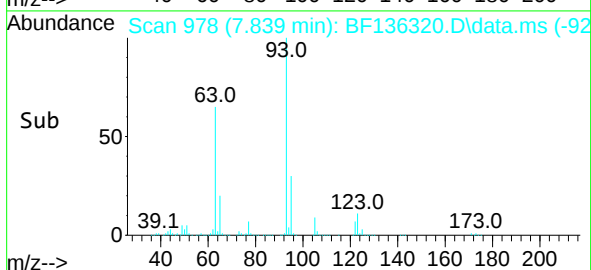
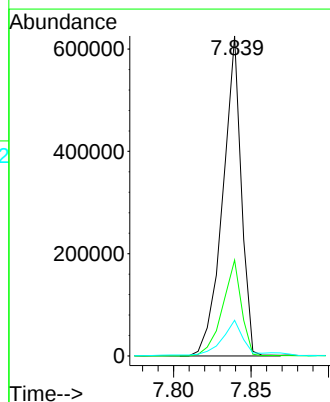
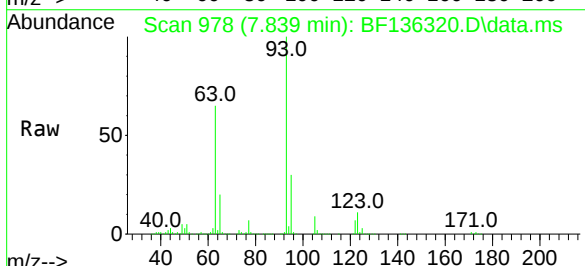
RT: 7.839 min Scan# 978

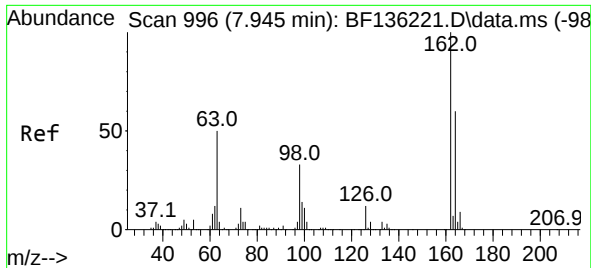
Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

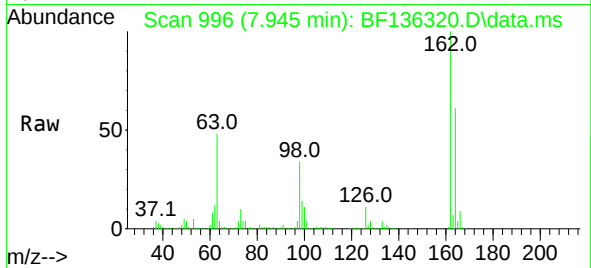
Tgt Ion:	93	Resp:	519719
Ion Ratio	Lower	Upper	
93	100		
95	30.0	23.8	35.6
123	11.1	8.2	12.4





#29
2,4-Dichlorophenol
Concen: 45.756 ng
RT: 7.945 min Scan# 996
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

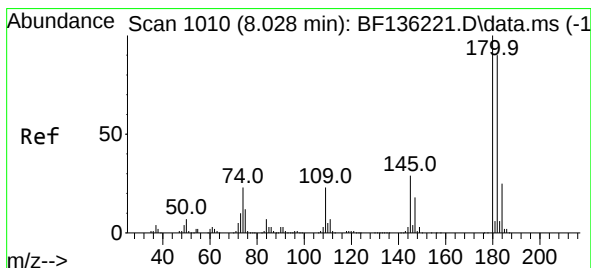
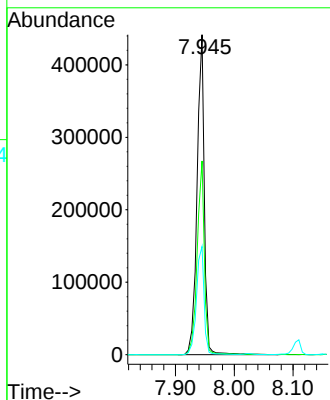
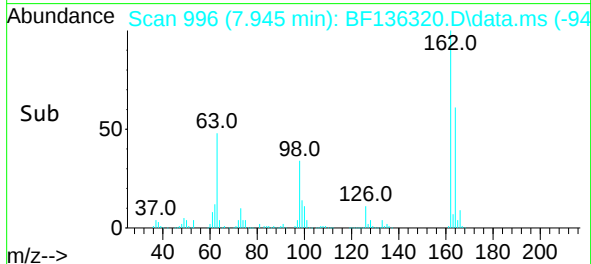
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



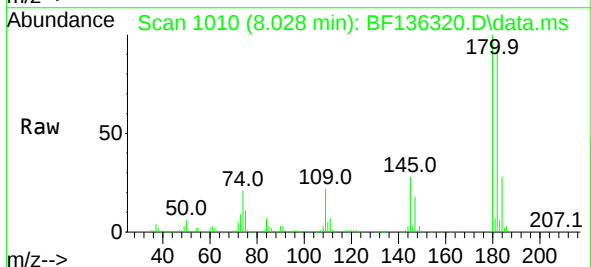
Tgt Ion:162 Resp: 379944
Ion Ratio Lower Upper
162 100
164 60.6 40.3 80.3
98 33.8 13.0 53.0

Manual Integrations
APPROVED

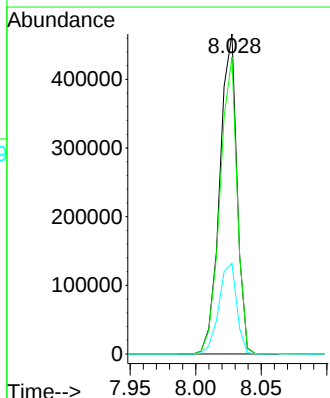
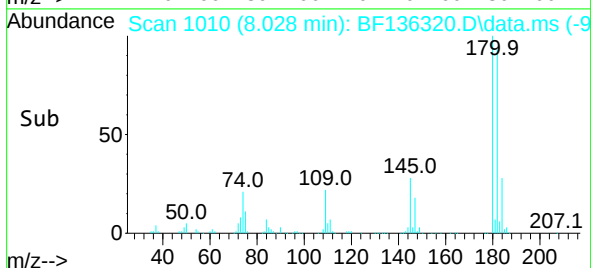
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

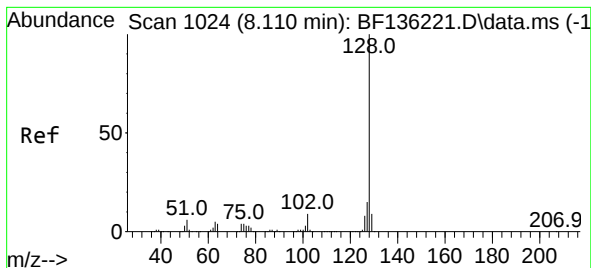


#30
1,2,4-Trichlorobenzene
Concen: 41.656 ng
RT: 8.028 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



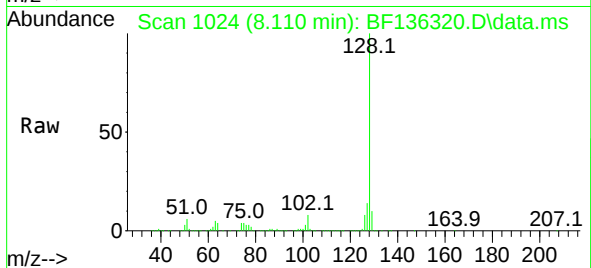
Tgt Ion:180 Resp: 423485
Ion Ratio Lower Upper
180 100
182 92.8 71.6 107.4
145 28.3 23.0 34.4





#31
Naphthalene
Concen: 42.732 ng
RT: 8.110 min Scan# 1024
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

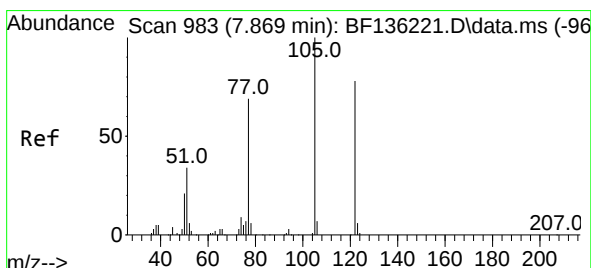
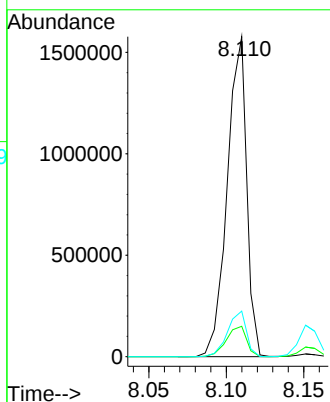
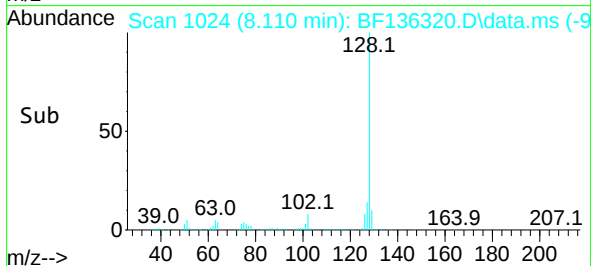
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:128 Resp: 1374870
Ion Ratio Lower Upper
128 100
129 9.5 7.3 10.9
127 14.3 11.8 17.6

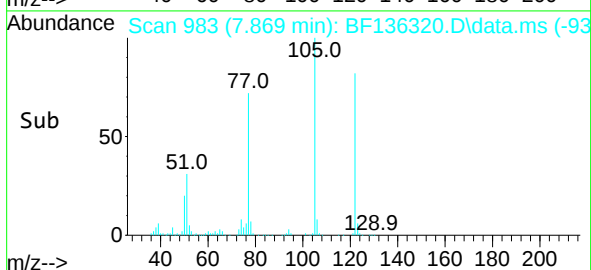
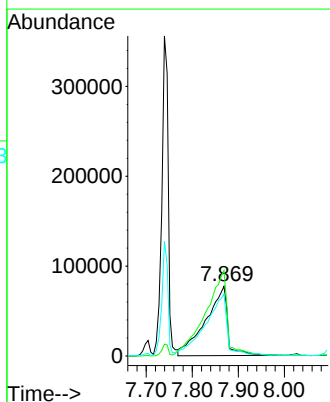
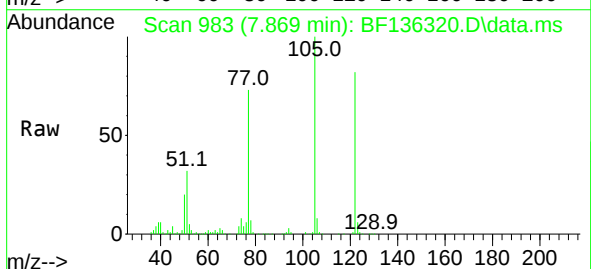
Manual Integrations
APPROVED

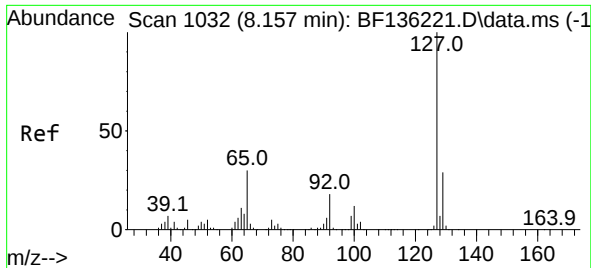
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#32
Benzoic acid
Concen: 45.834 ng
RT: 7.869 min Scan# 983
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Tgt Ion:122 Resp: 257155
Ion Ratio Lower Upper
122 100
105 122.5 103.7 143.7
77 89.2 66.8 106.8





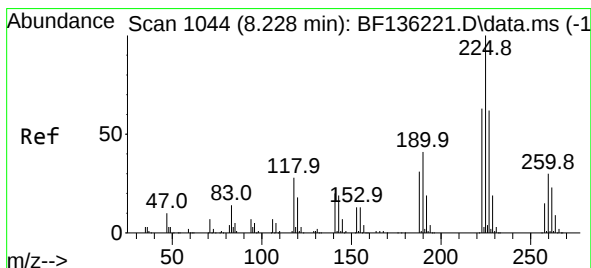
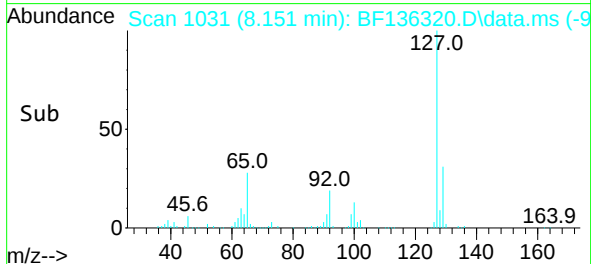
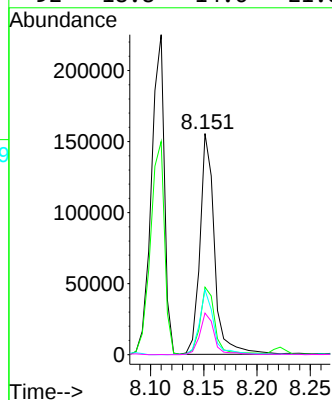
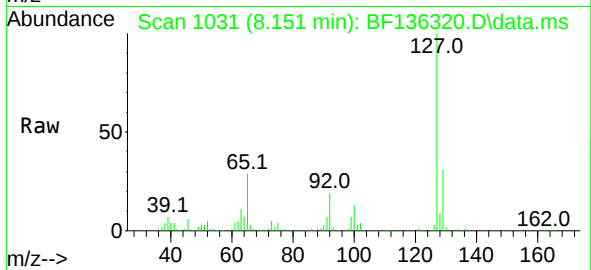
#33
4-Chloroaniline
Concen: 13.462 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:	127	Resp:	147234
Ion Ratio	Lower	Upper	
127	100		
129	30.5	23.4	35.2
65	29.3	23.8	35.6
92	18.8	14.6	21.8

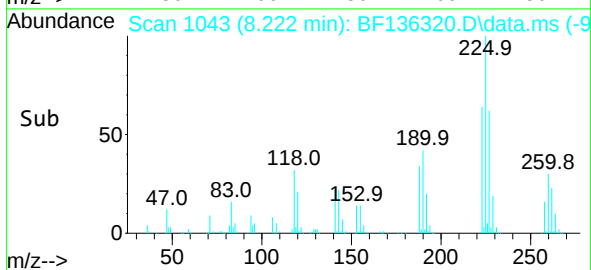
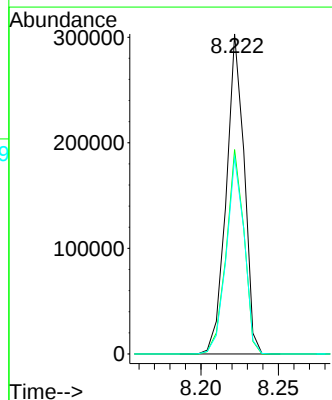
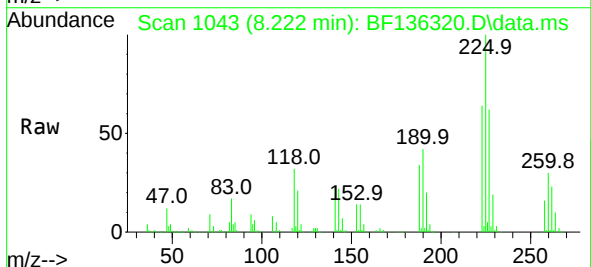
Manual Integrations
APPROVED

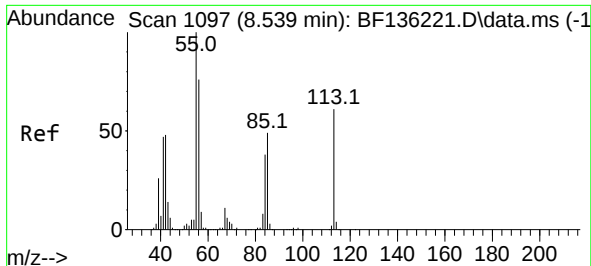
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#34
Hexachlorobutadiene
Concen: 40.915 ng
RT: 8.222 min Scan# 1043
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

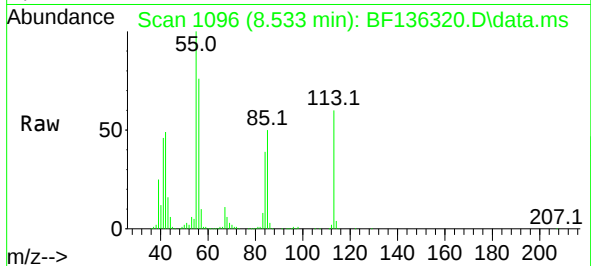
Tgt Ion:	225	Resp:	243350
Ion Ratio	Lower	Upper	
225	100		
223	63.8	50.6	75.8
227	61.5	49.6	74.4





#35
Caprolactam
Concen: 48.140 ng m
RT: 8.533 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

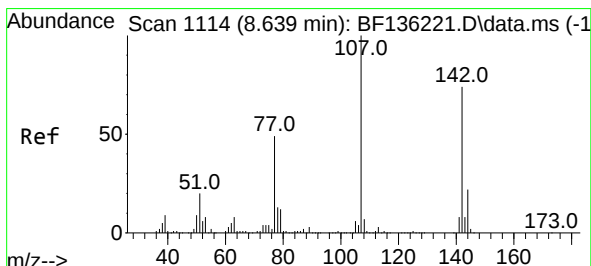
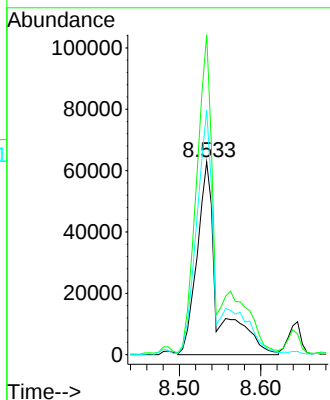
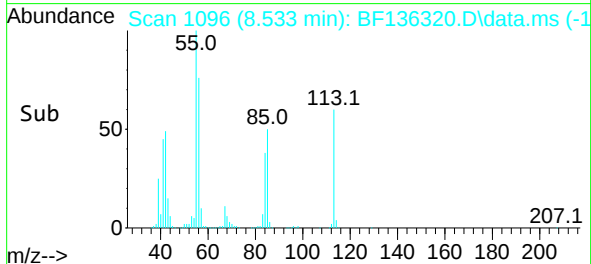
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:113 Resp: 111748
Ion Ratio Lower Upper
113 100
55 166.0 143.1 183.1
56 126.6 103.6 143.6

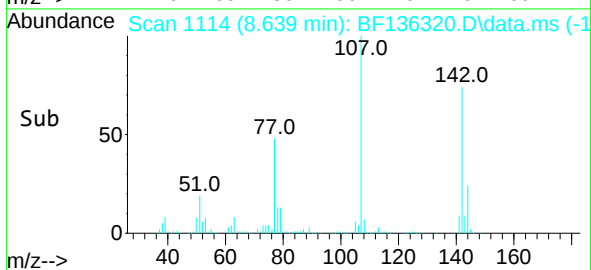
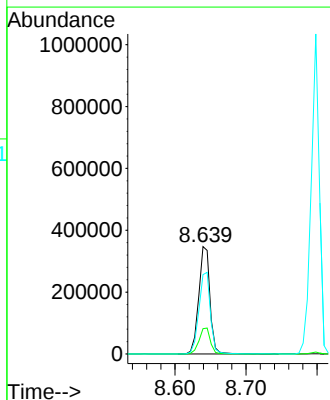
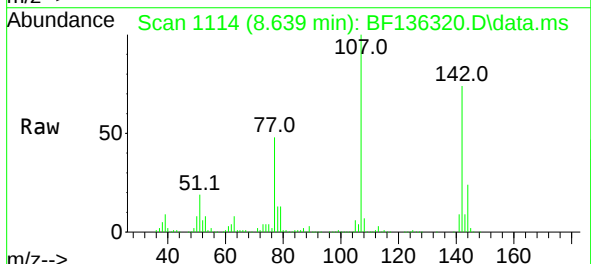
Manual Integrations
APPROVED

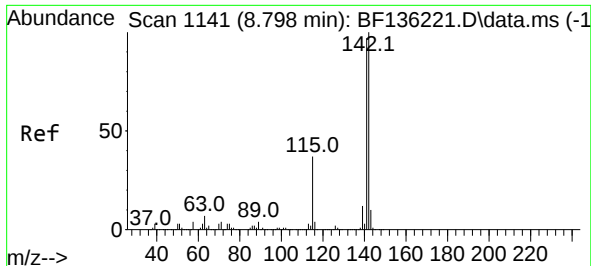
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#36
4-Chloro-3-methylphenol
Concen: 42.547 ng
RT: 8.639 min Scan# 1114
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Tgt Ion:107 Resp: 383168
Ion Ratio Lower Upper
107 100
144 23.6 17.8 26.8
142 74.0 59.4 89.0





#37

2-Methylnaphthalene

Concen: 41.262 ng

RT: 8.798 min Scan# 1141

Delta R.T. -0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:142 Resp: 83278

Ion Ratio Lower Upper

142 100

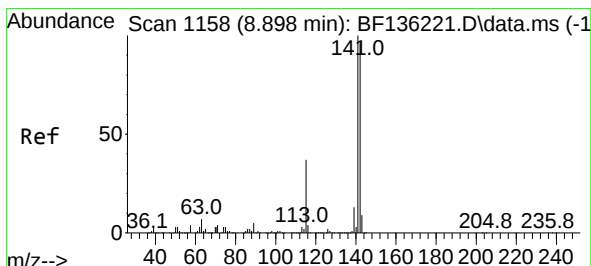
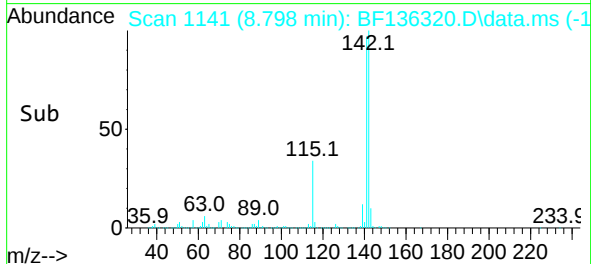
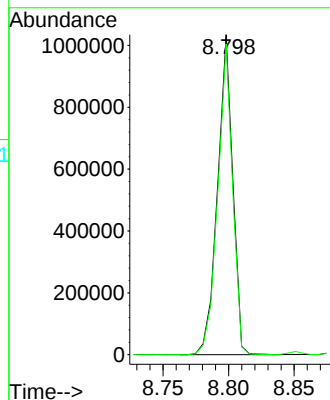
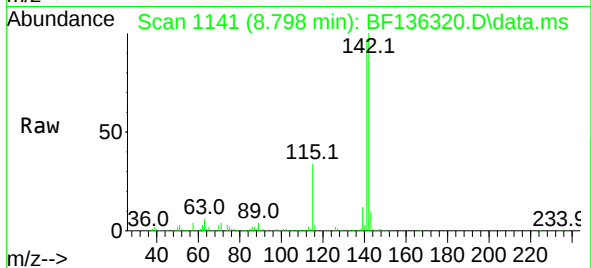
141 97.1 77.8 116.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#38

1-Methylnaphthalene

Concen: 41.352 ng

RT: 8.898 min Scan# 1158

Delta R.T. 0.000 min

Lab File: BF136320.D

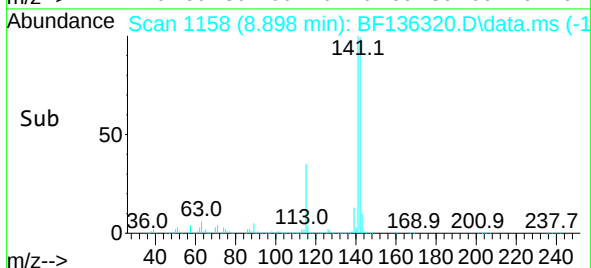
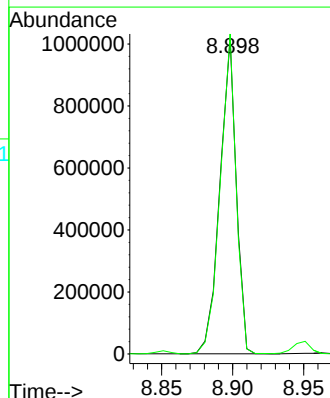
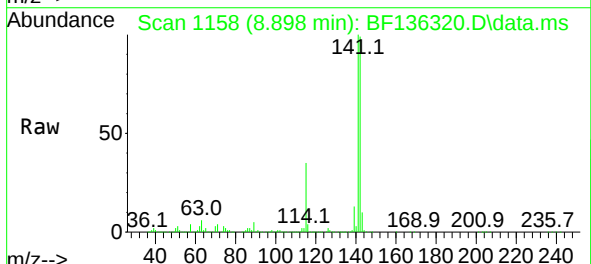
Acq: 30 Nov 2023 18:37

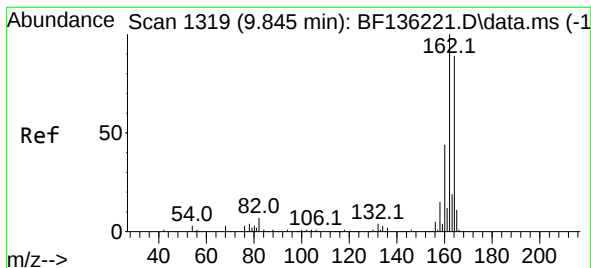
Tgt Ion:142 Resp: 814179

Ion Ratio Lower Upper

142 100

141 101.4 83.8 125.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF136320.D

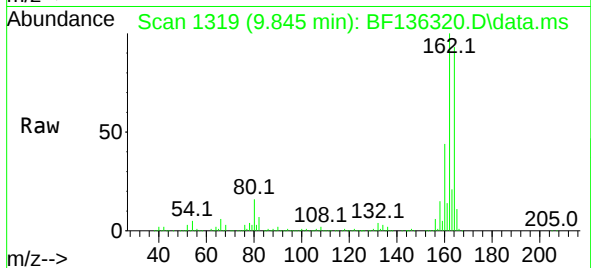
Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS



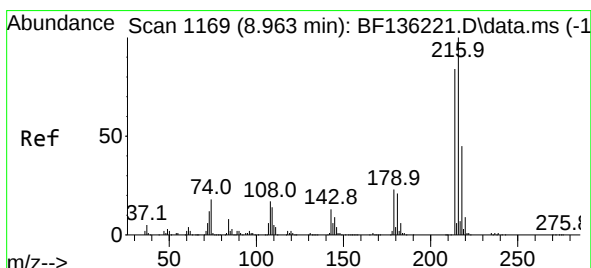
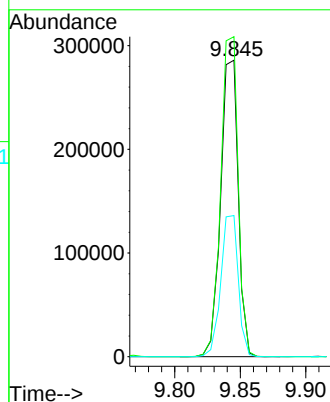
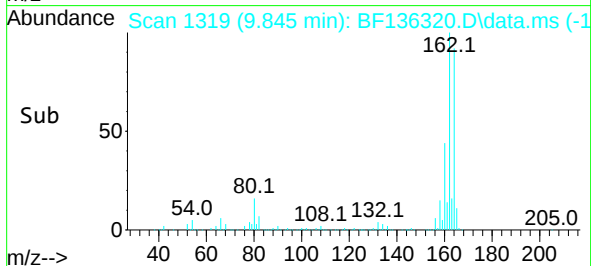
Tgt Ion:	164	Resp:	26682
Ion Ratio	Lower	Upper	
164	100		
162	107.9	89.5	134.3
160	47.6	39.6	59.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.434 ng

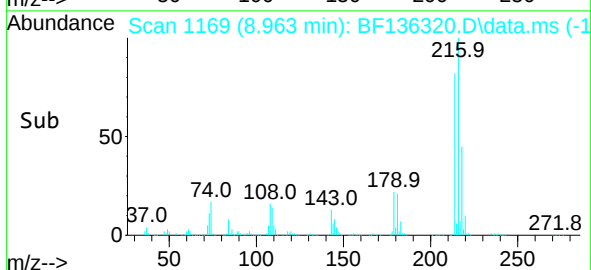
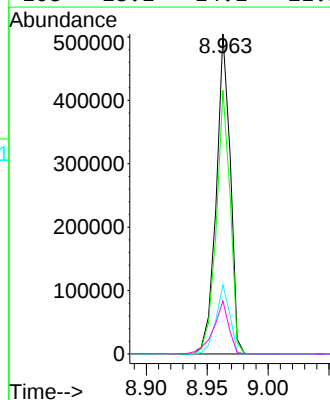
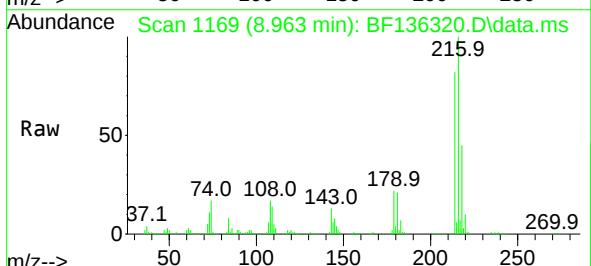
RT: 8.963 min Scan# 1169

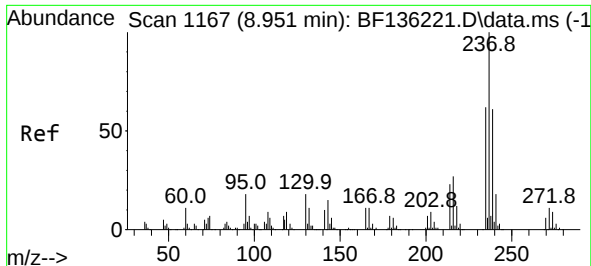
Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

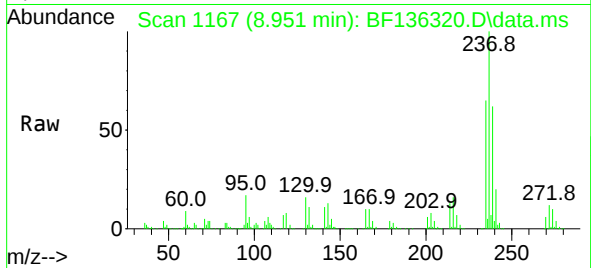
Tgt Ion:	216	Resp:	402790
Ion Ratio	Lower	Upper	
216	100		
214	81.5	65.8	98.8
179	21.4	17.4	26.0
108	18.1	14.1	21.1





#41
Hexachlorocyclopentadiene
Concen: 92.532 ng
RT: 8.951 min Scan# 1167
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

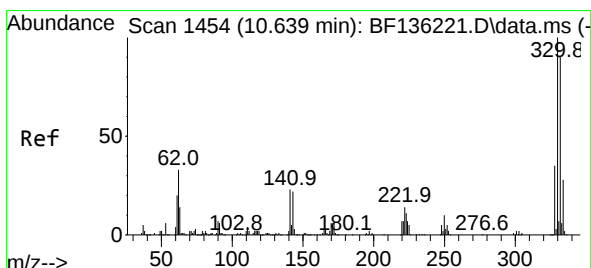
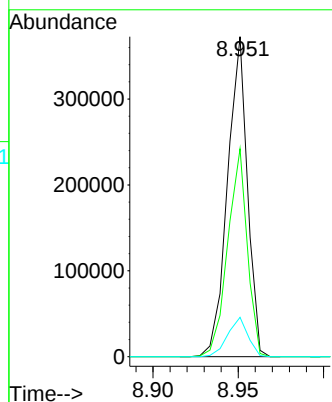
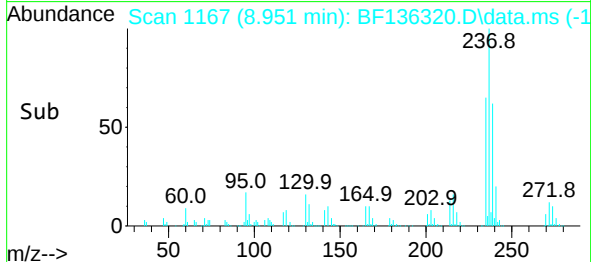
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



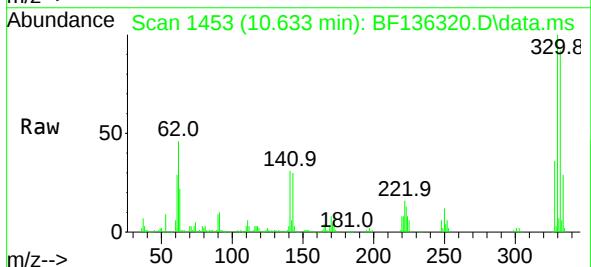
Tgt Ion: 237 Resp: 302344
Ion Ratio Lower Upper
237 100
235 65.0 42.1 82.1
272 12.3 0.0 31.0

Manual Integrations
APPROVED

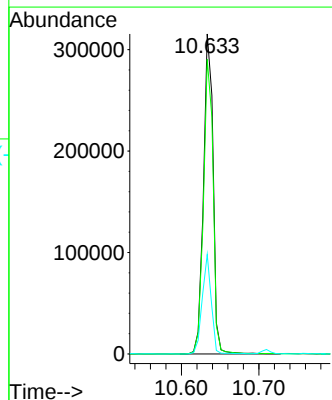
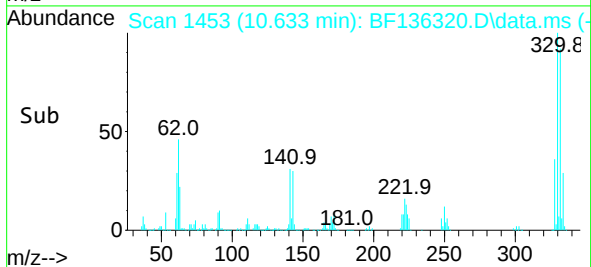
Reviewed By : Yogesh Patel 12/01/2023
Supervised By : mohammad ahmed 12/01/2023

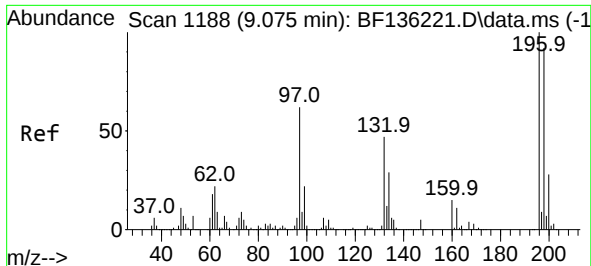


#42
2,4,6-Tribromophenol
Concen: 83.698 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



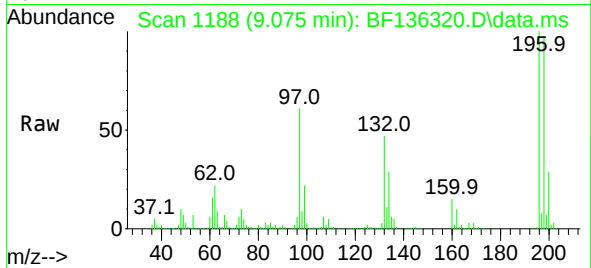
Tgt Ion: 330 Resp: 273033
Ion Ratio Lower Upper
330 100
332 91.9 73.0 109.6
141 29.3 24.2 36.2





#43
2,4,6-Trichlorophenol
Concen: 46.767 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

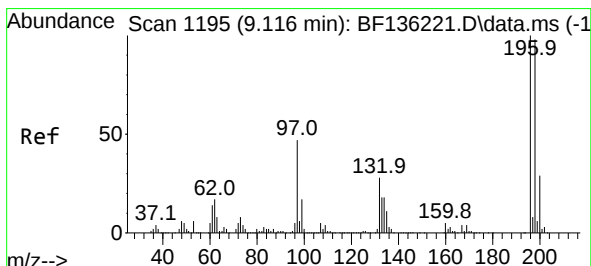
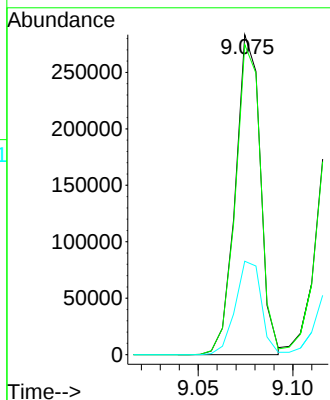
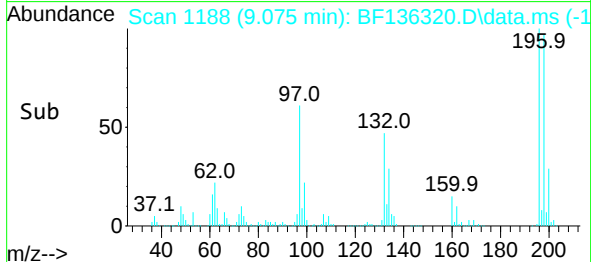
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



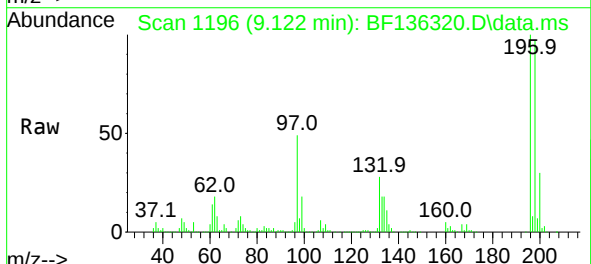
Tgt Ion:196 Resp: 257760
Ion Ratio Lower Upper
196 100
198 96.9 73.2 109.8
200 29.2 22.4 33.6

Manual Integrations
APPROVED

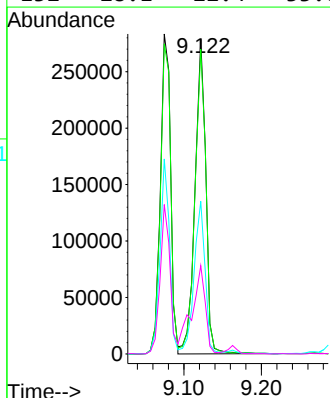
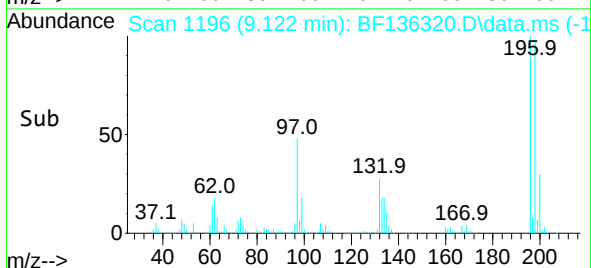
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

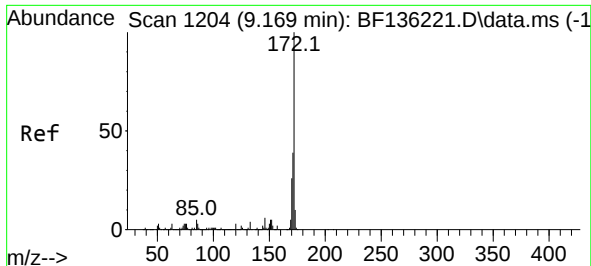


#44
2,4,5-Trichlorophenol
Concen: 45.051 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



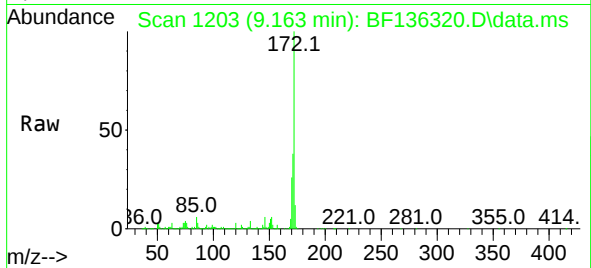
Tgt Ion:196 Resp: 270973
Ion Ratio Lower Upper
196 100
198 96.8 78.8 118.2
97 48.5 37.8 56.8
132 28.1 22.4 33.6





#45
2-Fluorobiphenyl
Concen: 60.472 ng
RT: 9.163 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

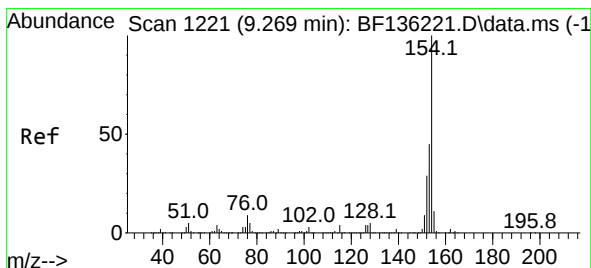
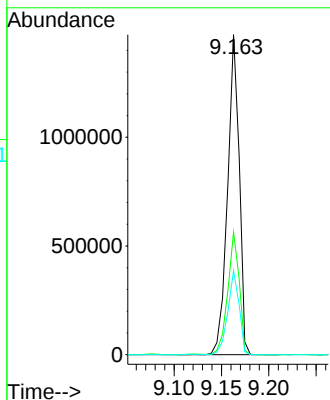
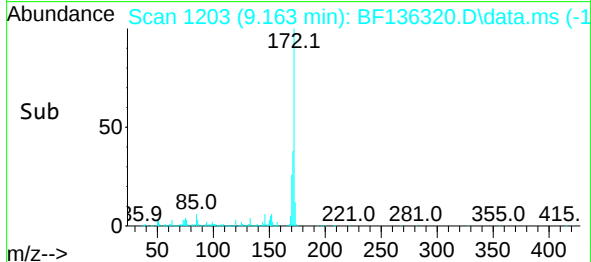
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



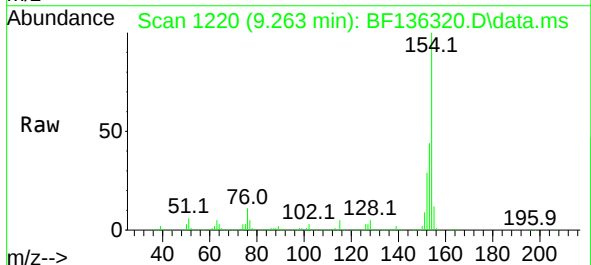
Tgt Ion:172 Resp: 1263228
Ion Ratio Lower Upper
172 100
171 38.3 31.5 47.3
170 26.2 20.8 31.2

Manual Integrations
APPROVED

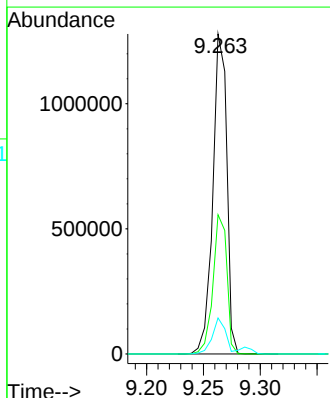
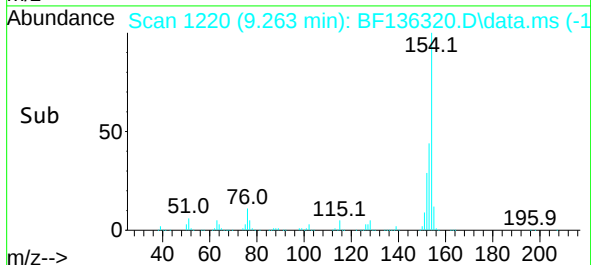
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

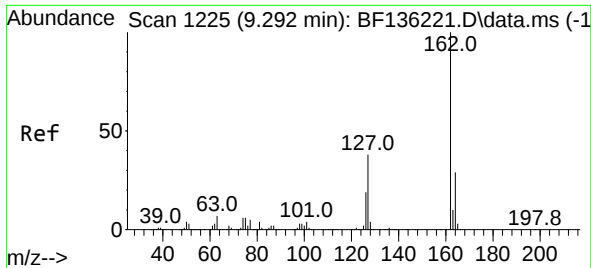


#46
1,1'-Biphenyl
Concen: 46.491 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



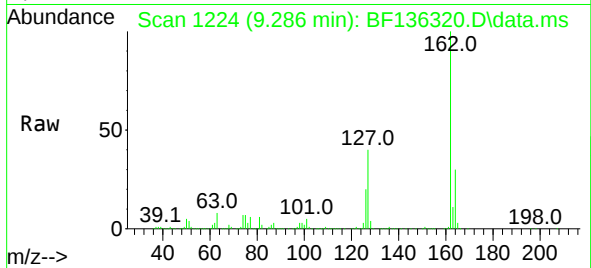
Tgt Ion:154 Resp: 1093916
Ion Ratio Lower Upper
154 100
153 43.5 24.6 64.6
76 11.3 0.0 29.4





#47
2-Chloronaphthalene
Concen: 44.295 ng
RT: 9.286 min Scan# 1224
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

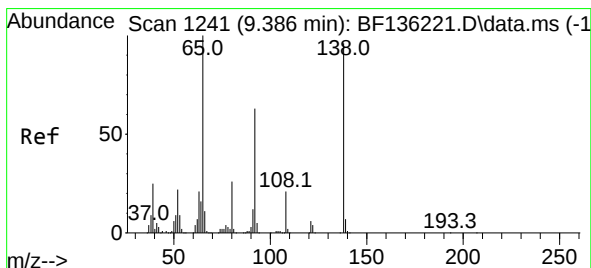
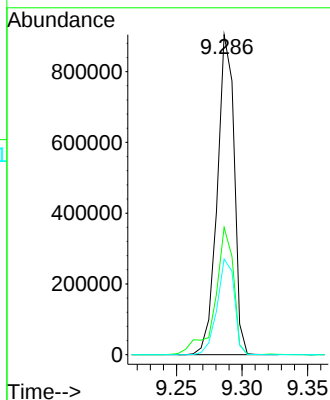
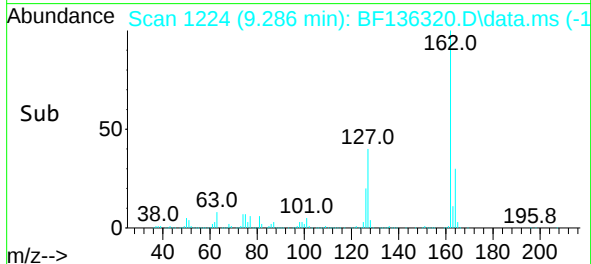
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:162 Resp: 809392
Ion Ratio Lower Upper
162 100
127 39.8 30.2 45.2
164 29.9 22.8 34.2

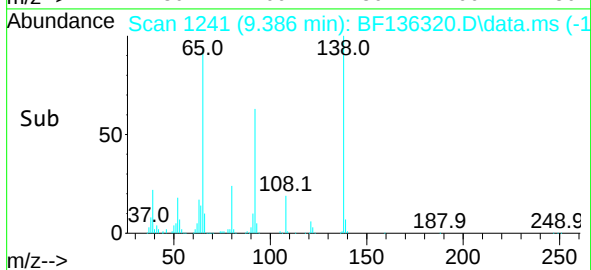
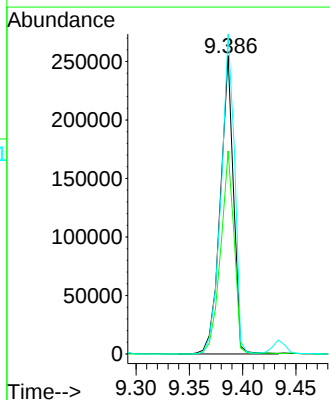
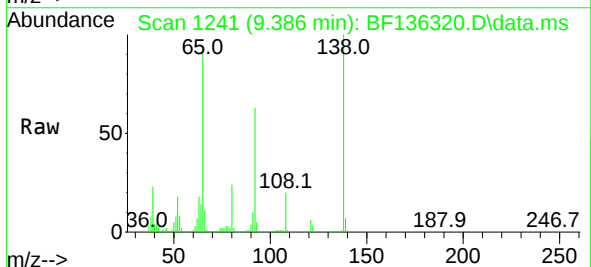
Manual Integrations
APPROVED

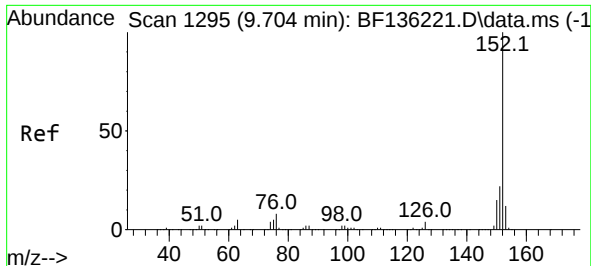
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#48
2-Nitroaniline
Concen: 45.915 ng
RT: 9.386 min Scan# 1241
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

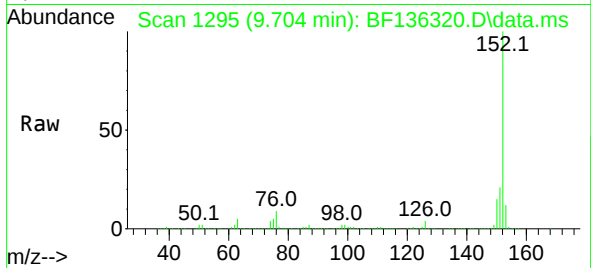
Tgt Ion: 65 Resp: 219049
Ion Ratio Lower Upper
65 100
92 68.0 50.6 75.8
138 107.3 76.7 115.1





#49
Acenaphthylene
Concen: 47.935 ng
RT: 9.704 min Scan# 1295
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

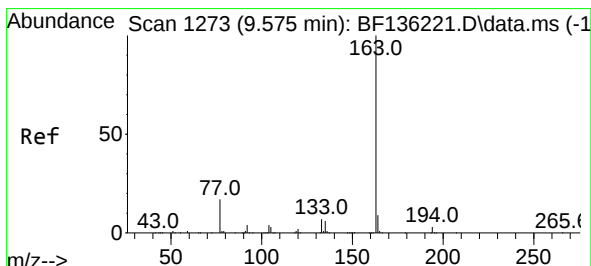
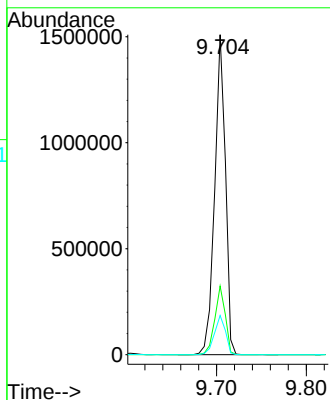
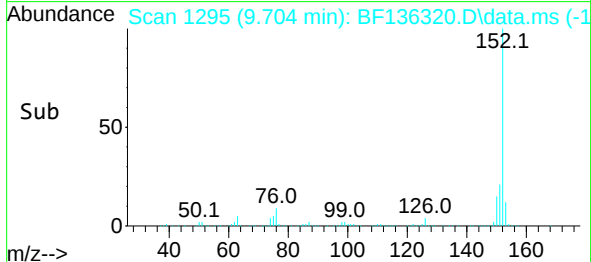
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



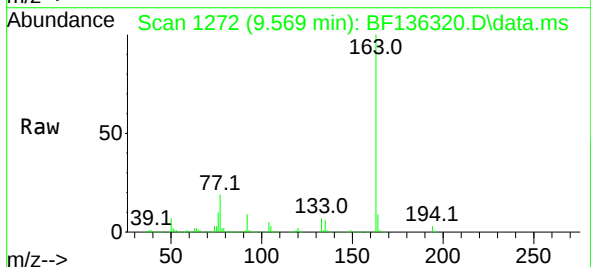
Tgt Ion:152 Resp: 1249988
Ion Ratio Lower Upper
152 100
151 21.5 17.5 26.3
153 12.3 9.6 14.4

Manual Integrations
APPROVED

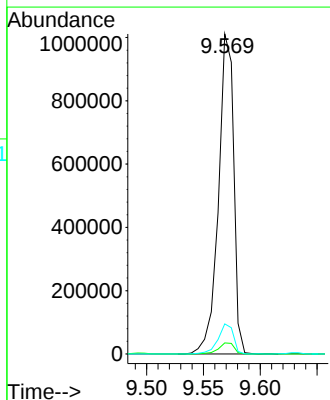
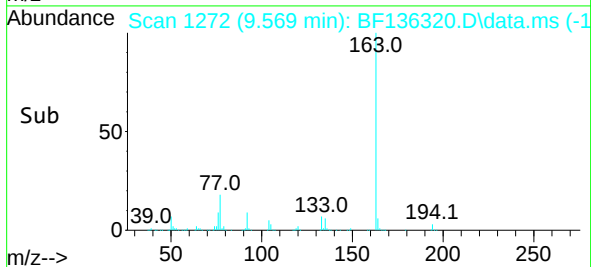
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

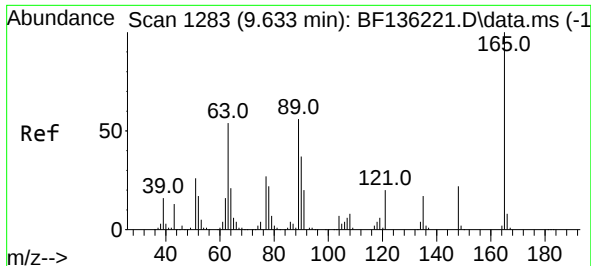


#50
Dimethylphthalate
Concen: 46.968 ng
RT: 9.569 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



Tgt Ion:163 Resp: 947199
Ion Ratio Lower Upper
163 100
194 3.5 2.5 3.7
164 9.4 7.0 10.6





#51

2,6-Dinitrotoluene

Concen: 46.151 ng

RT: 9.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

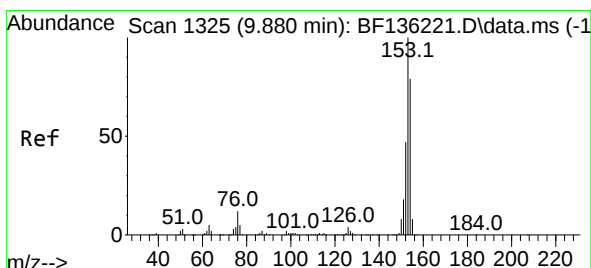
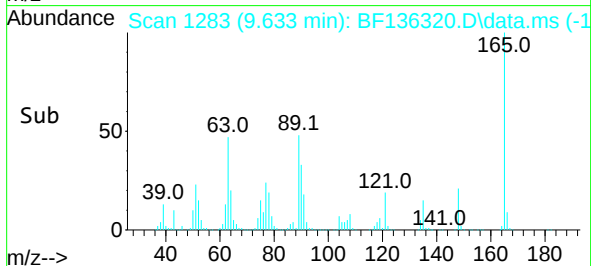
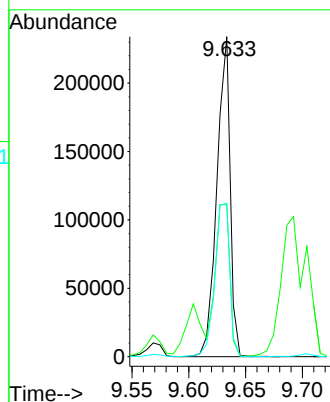
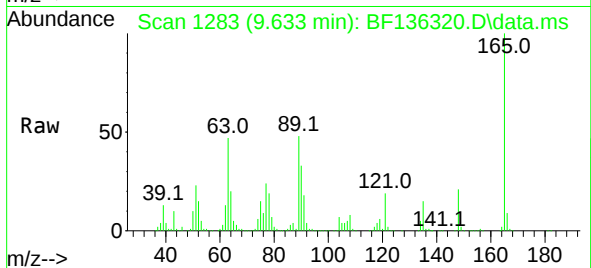
TR-06-11222023MS

Tgt Ion:165 Resp: 190140
 Ion Ratio Lower Upper
 165 100
 63 47.5 46.2 69.2
 89 47.9 44.9 67.3

Manual Integrations

APPROVED

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



#52

Acenaphthene

Concen: 43.839 ng

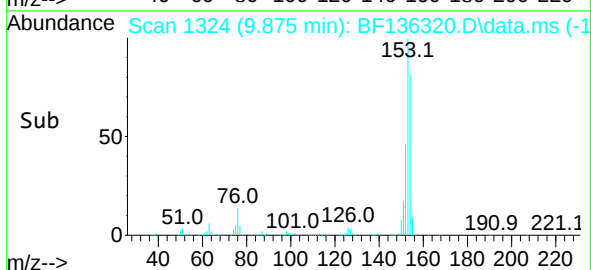
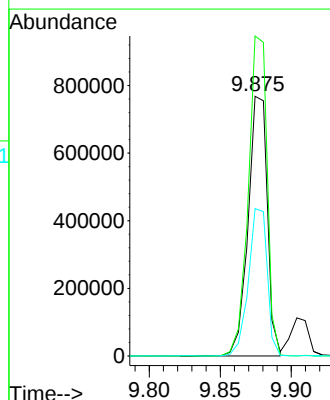
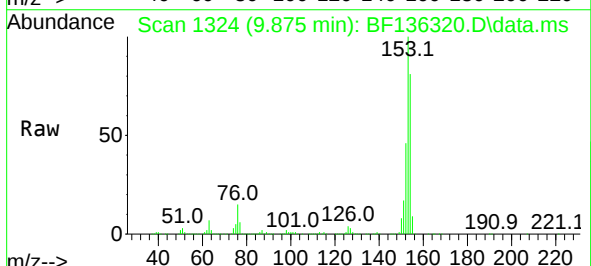
RT: 9.875 min Scan# 1324

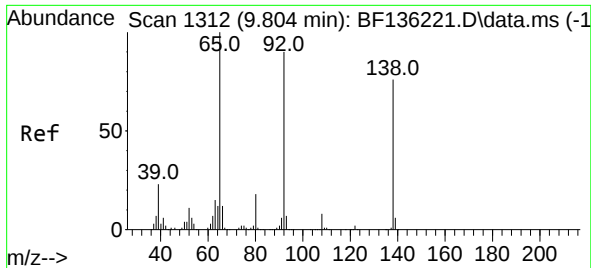
Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

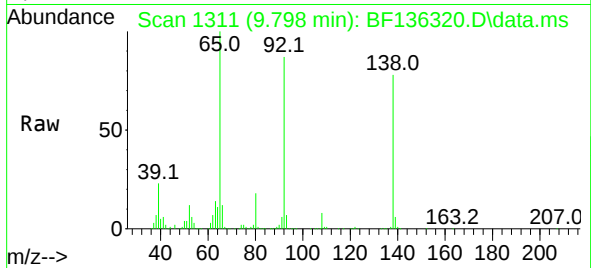
Tgt Ion:154 Resp: 722430
 Ion Ratio Lower Upper
 154 100
 153 123.2 100.8 151.2
 152 56.8 47.0 70.6





#53
3-Nitroaniline
Concen: 30.862 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

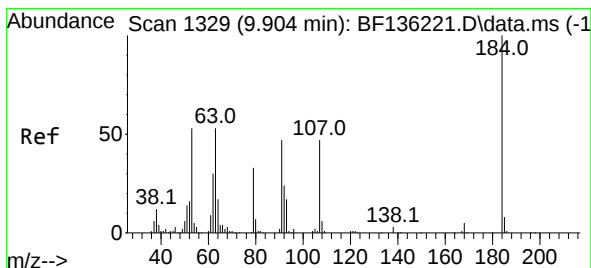
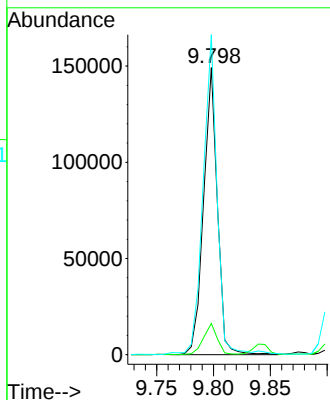
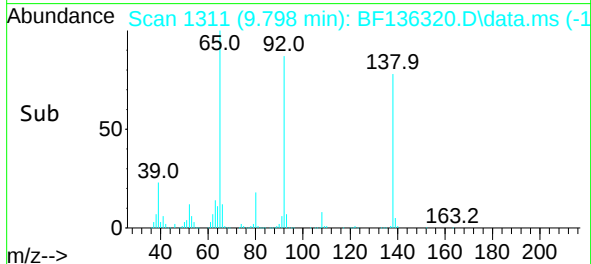
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



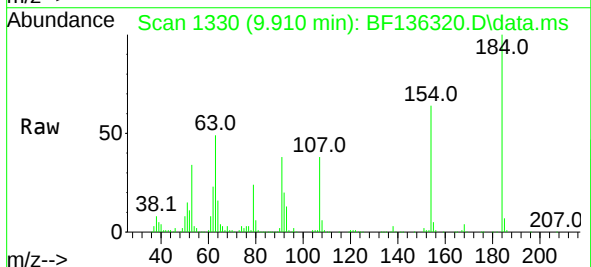
Tgt Ion:138 Resp: 126164
Ion Ratio Lower Upper
138 100
108 10.9 8.7 13.1
92 111.4 94.2 141.4

Manual Integrations
APPROVED

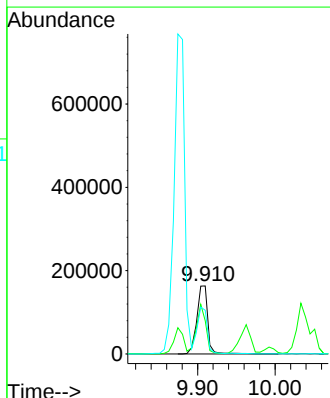
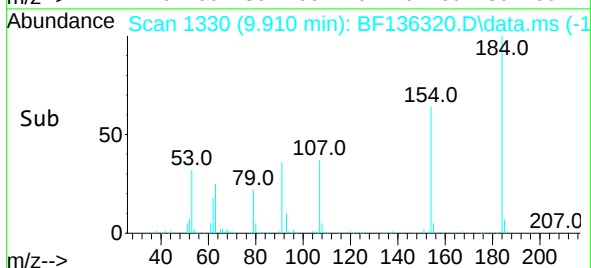
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

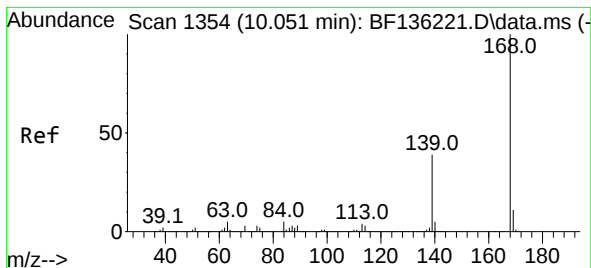


#54
2,4-Dinitrophenol
Concen: 83.410 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



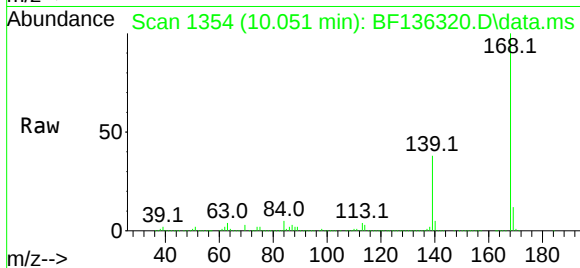
Tgt Ion:184 Resp: 159825
Ion Ratio Lower Upper
184 100
63 48.8 55.0 82.4#
154 64.2 54.9 82.3





#55
Dibenzenofuran
Concen: 43.514 ng
RT: 10.051 min Scan# 1354
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

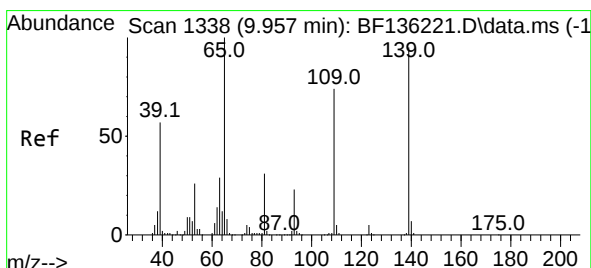
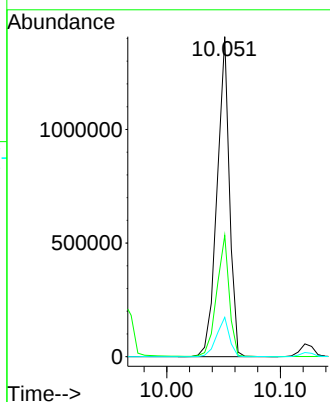
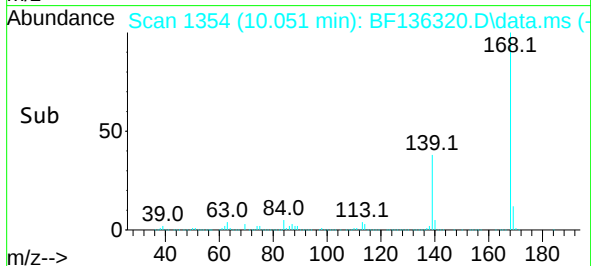
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:168 Resp: 1067028
Ion Ratio Lower Upper
168 100
139 37.9 30.9 46.3
169 12.3 9.1 13.7

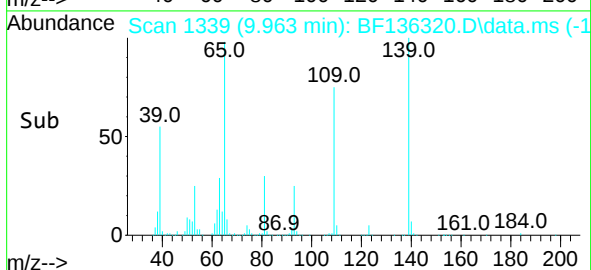
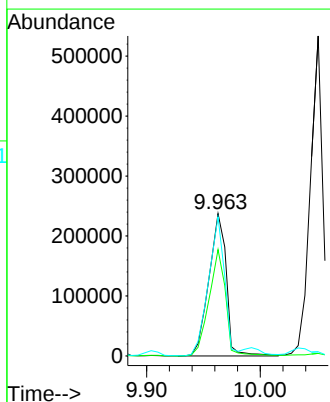
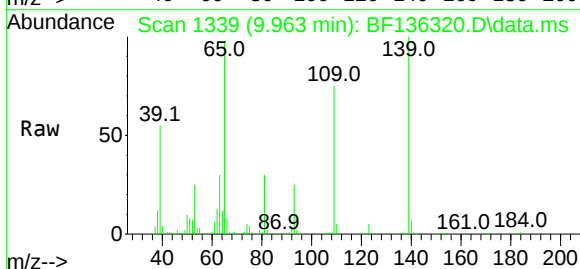
Manual Integrations
APPROVED

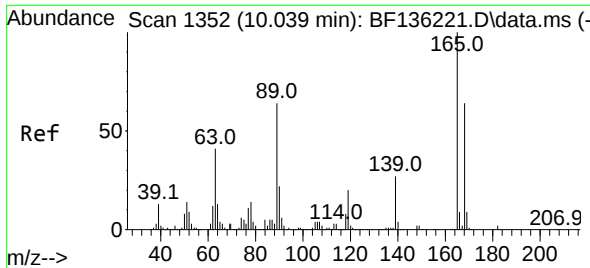
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#56
4-Nitrophenol
Concen: 81.545 ng
RT: 9.963 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

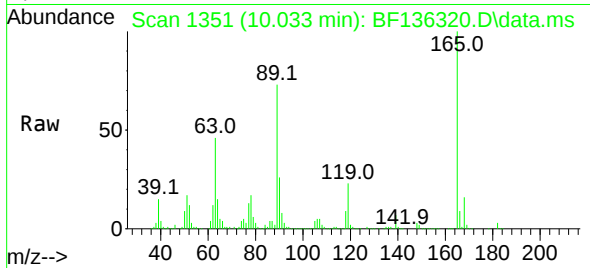
Tgt Ion:139 Resp: 253183
Ion Ratio Lower Upper
139 100
109 74.8 57.8 97.8
65 97.7 86.0 126.0





#57
2,4-Dinitrotoluene
Concen: 43.608 ng
RT: 10.033 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

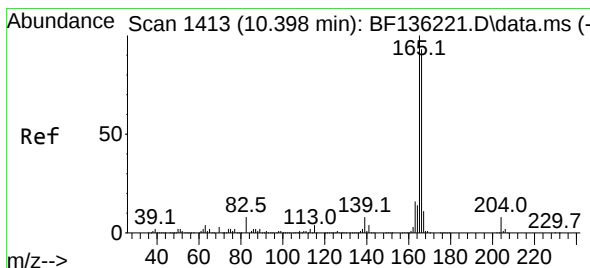
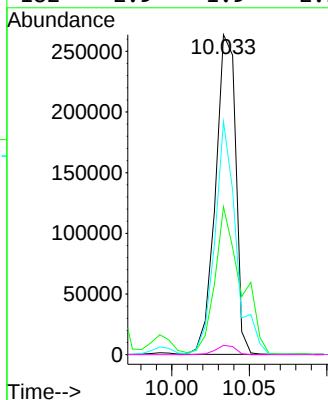
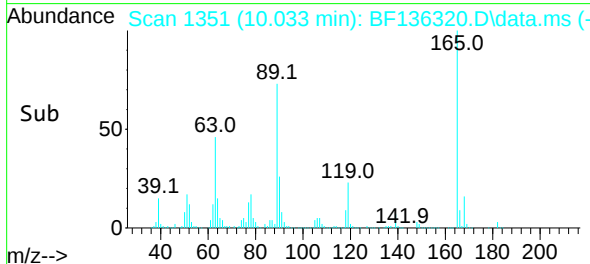
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:165 Resp: 239989
Ion Ratio Lower Upper
165 100
63 46.2 33.0 49.4
89 72.8 51.5 77.3
182 2.9 1.9 2.9#

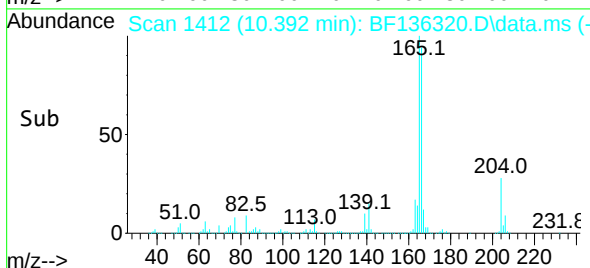
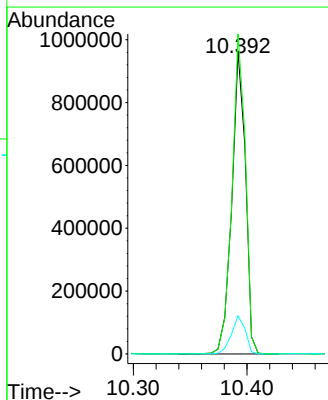
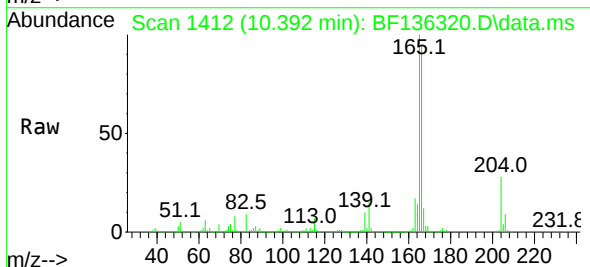
Manual Integrations
APPROVED

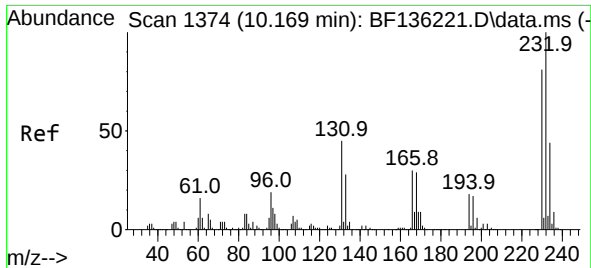
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#58
Fluorene
Concen: 41.598 ng
RT: 10.392 min Scan# 1412
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

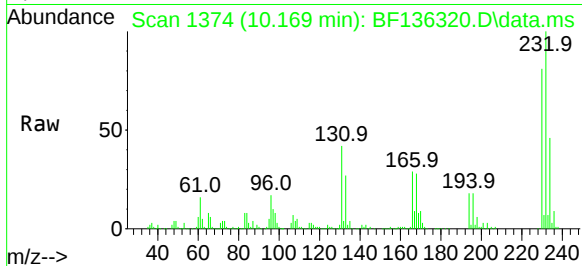
Tgt Ion:166 Resp: 800107
Ion Ratio Lower Upper
166 100
165 106.1 86.2 129.4
167 12.6 9.1 13.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 43.132 ng
RT: 10.169 min Scan# 1374
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

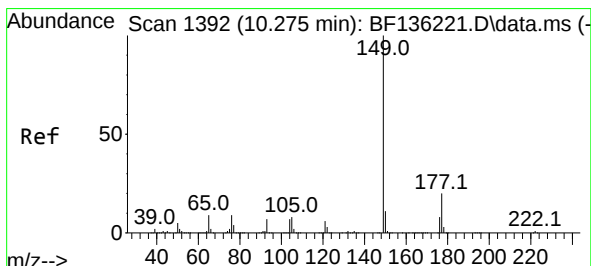
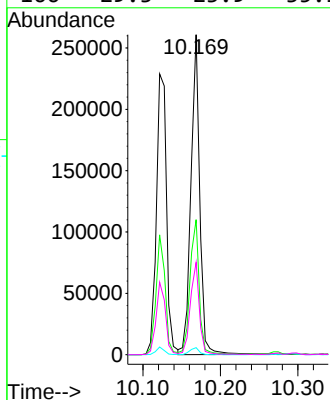
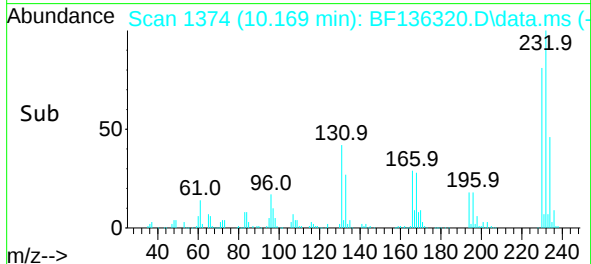
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



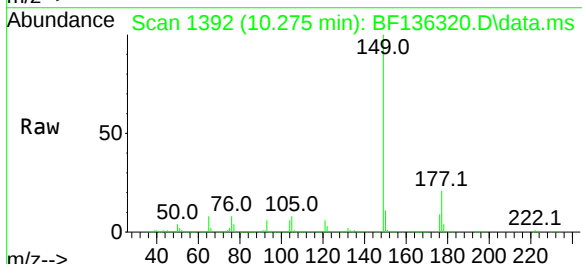
Tgt Ion:232 Resp: 206418
Ion Ratio Lower Upper
232 100
131 43.8 36.4 54.6
130 2.3 1.9 2.9
166 29.3 23.9 35.9

Manual Integrations
APPROVED

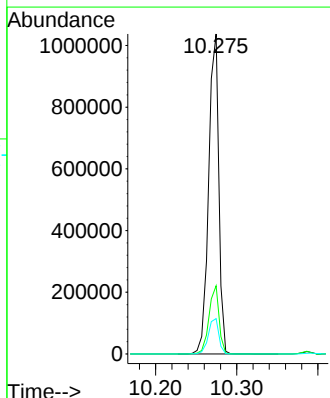
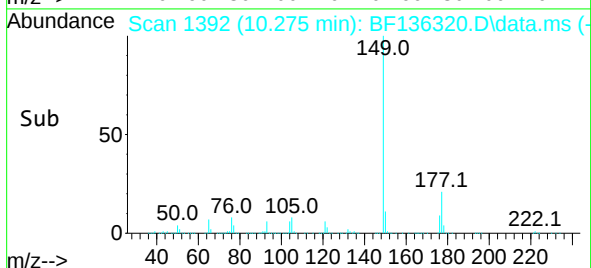
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

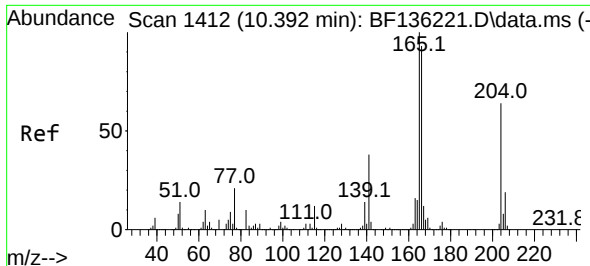


#60
Diethylphthalate
Concen: 44.369 ng
RT: 10.275 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



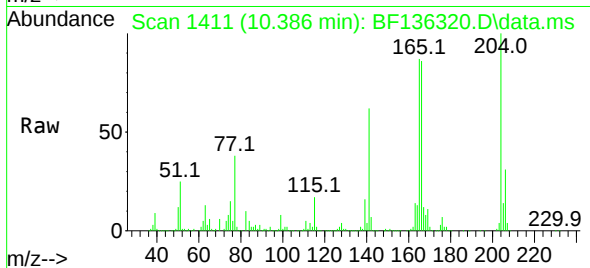
Tgt Ion:149 Resp: 895062
Ion Ratio Lower Upper
149 100
177 21.3 15.8 23.6
150 11.1 8.8 13.2





#61
4-Chlorophenyl-phenylether
Concen: 42.148 ng
RT: 10.386 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

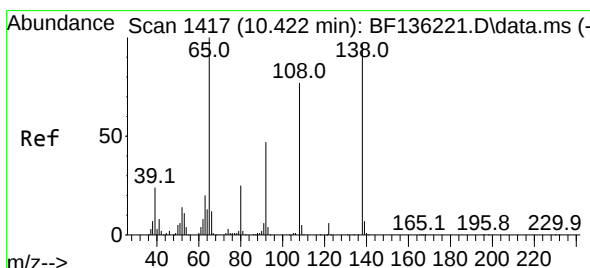
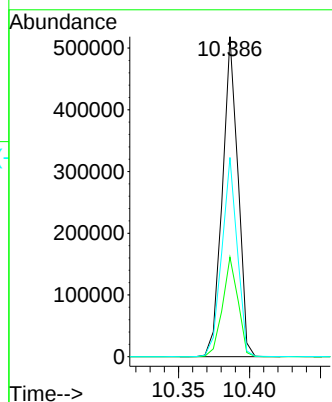
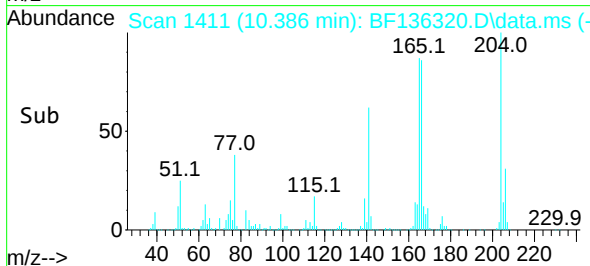
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:204 Resp: 393698
Ion Ratio Lower Upper
204 100
206 31.1 23.4 35.0
141 62.2 47.6 71.4

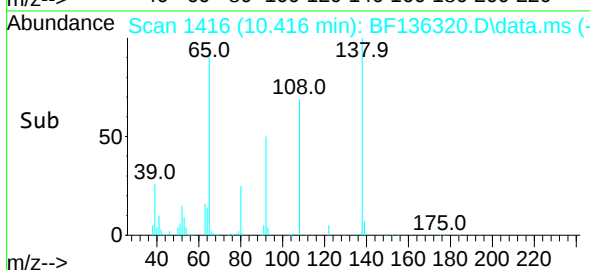
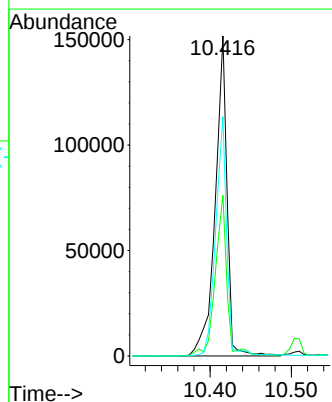
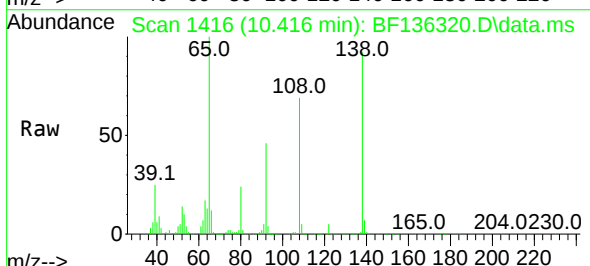
Manual Integrations
APPROVED

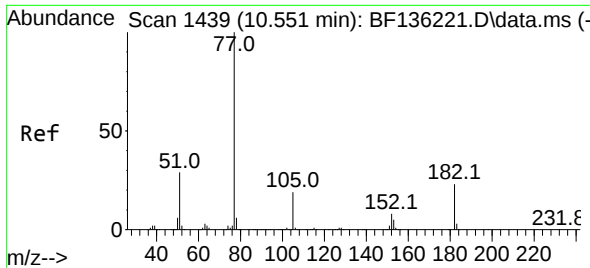
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#62
4-Nitroaniline
Concen: 38.451 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

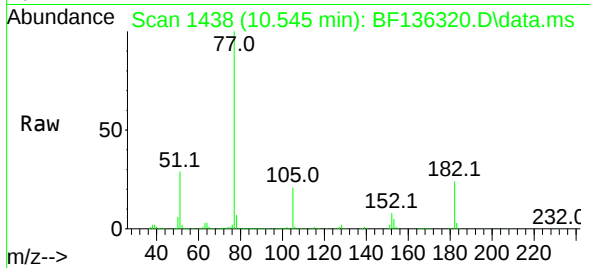
Tgt Ion:138 Resp: 153862
Ion Ratio Lower Upper
138 100
92 50.2 28.5 68.5
108 74.8 59.8 99.8





#63
Azobenzene
Concen: 40.946 ng
RT: 10.545 min Scan# 1438
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

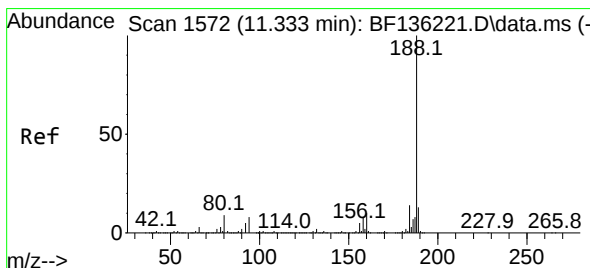
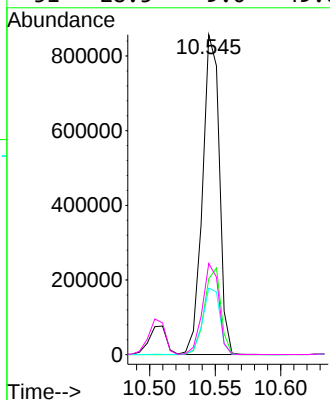
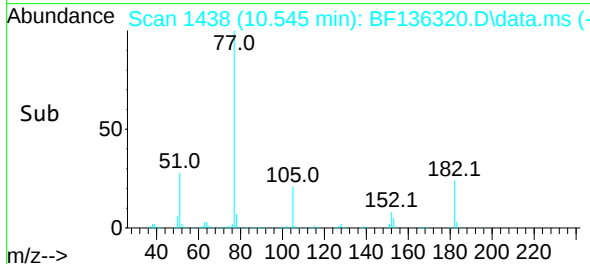
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



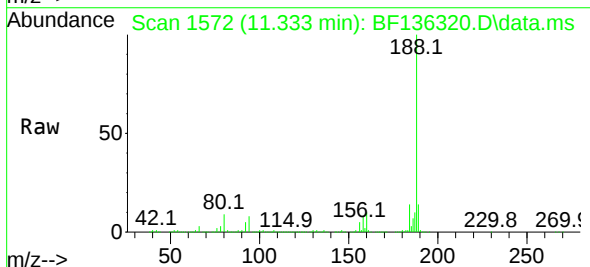
Tgt Ion: 77 Resp: 76578
Ion Ratio Lower Upper
77 100
182 23.7 3.3 43.3
105 20.8 0.0 39.5
51 28.5 9.0 49.0

Manual Integrations
APPROVED

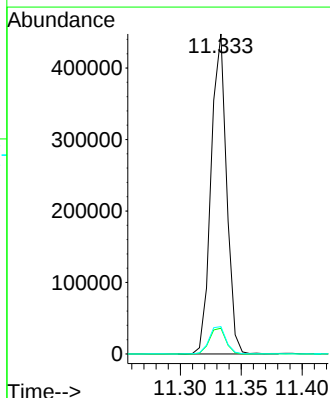
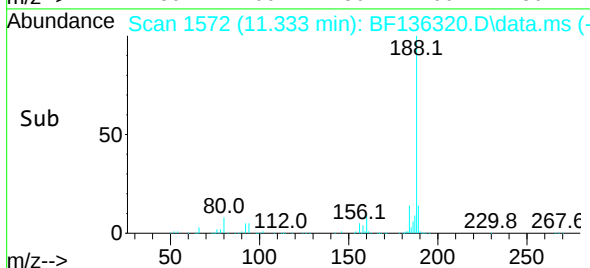
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

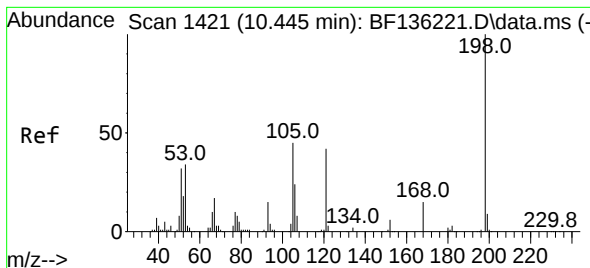


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



Tgt Ion:188 Resp: 396350
Ion Ratio Lower Upper
188 100
94 8.1 6.7 10.1
80 8.6 7.2 10.8





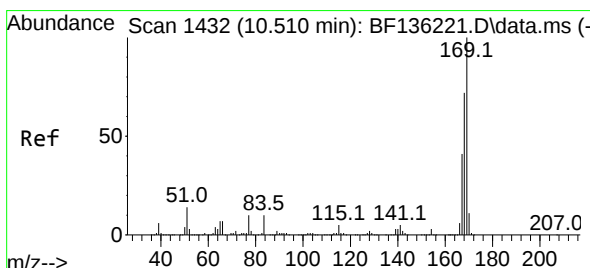
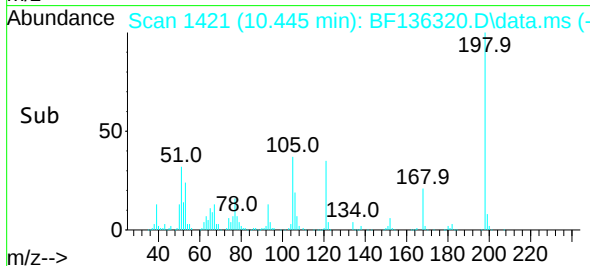
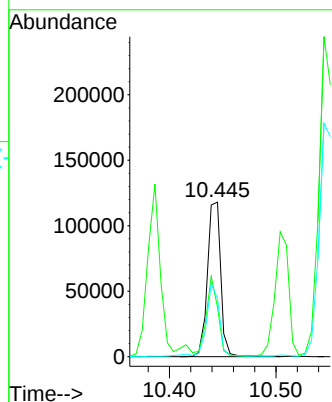
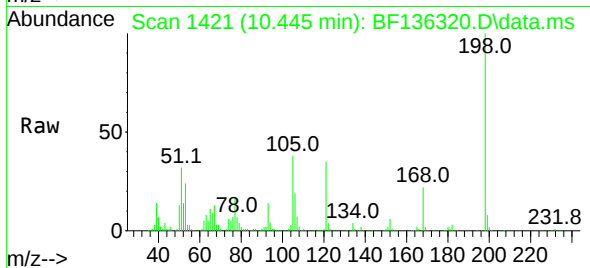
#65
4,6-Dinitro-2-methylphenol
Concen: 47.465 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:198 Resp: 10287
Ion Ratio Lower Upper
198 100
51 32.0 28.2 68.2
105 37.7 25.7 65.7

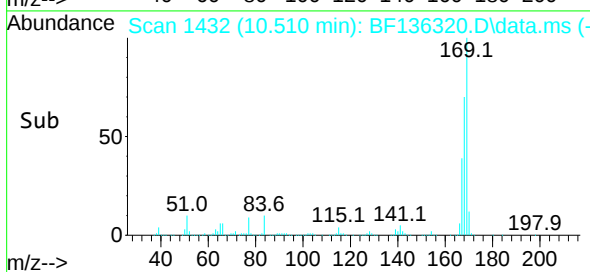
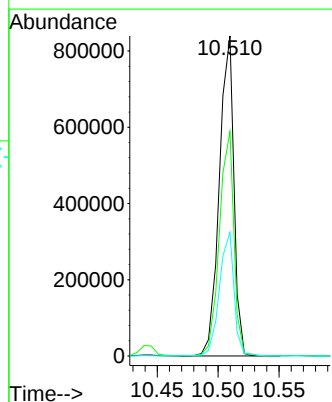
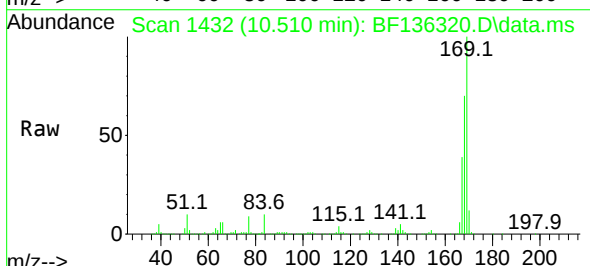
Manual Integrations
APPROVED

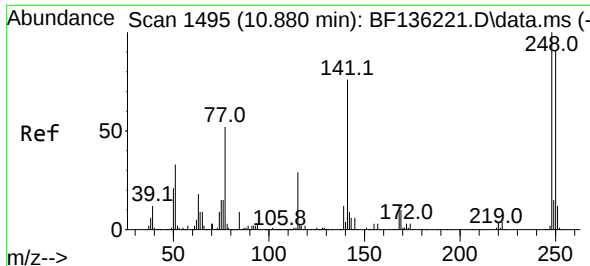
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#66
n-Nitrosodiphenylamine
Concen: 55.187 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

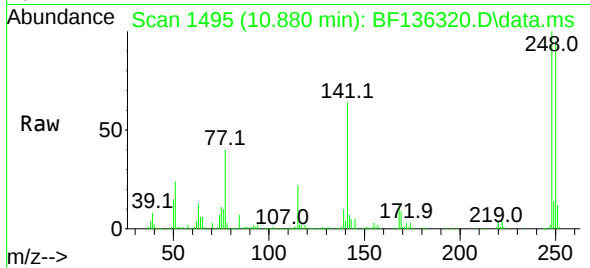
Tgt Ion:169 Resp: 700959
Ion Ratio Lower Upper
169 100
168 70.1 57.8 86.6
167 38.6 32.7 49.1





#67
4-Bromophenyl-phenylether
Concen: 50.775 ng
RT: 10.880 min Scan# 1495
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

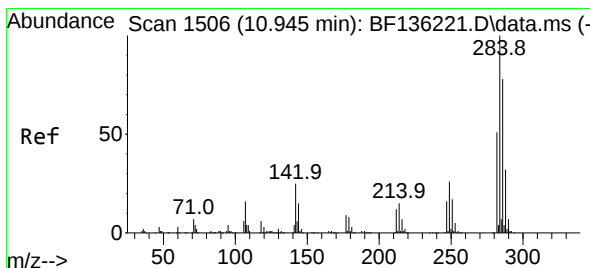
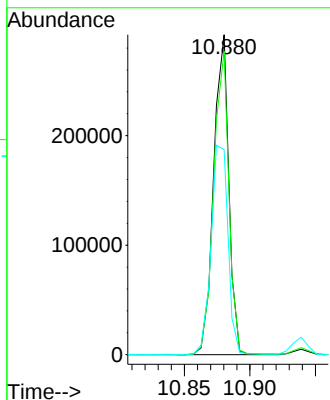
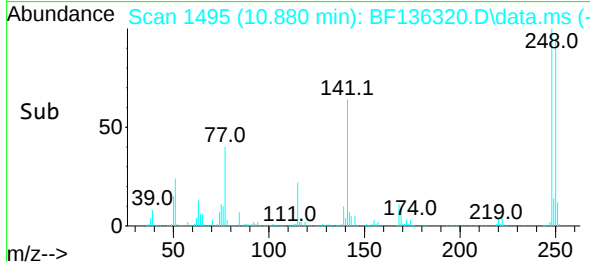
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



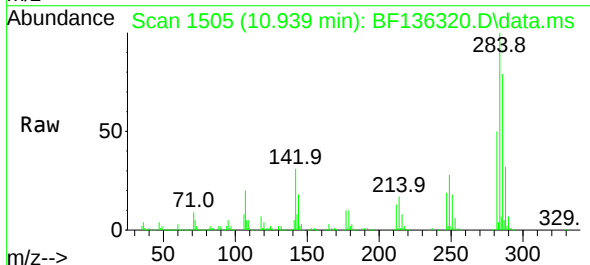
Tgt Ion:248 Resp: 234785
Ion Ratio Lower Upper
248 100
250 94.8 72.5 108.7
141 64.1 60.8 91.2

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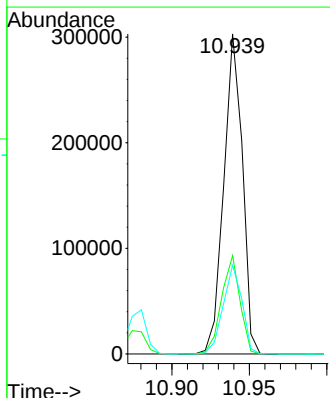
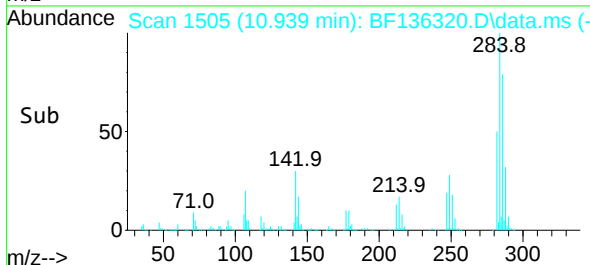
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

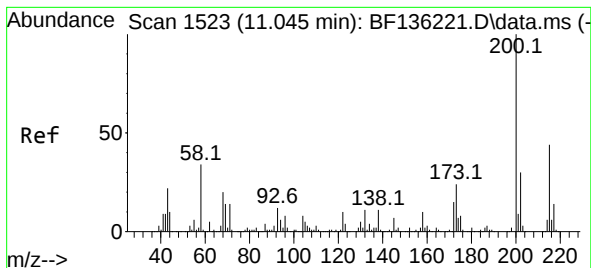


#68
Hexachlorobenzene
Concen: 47.230 ng
RT: 10.939 min Scan# 1505
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



Tgt Ion:284 Resp: 252760
Ion Ratio Lower Upper
284 100
142 30.7 19.8 29.8#
249 27.7 21.0 31.4





#69

Atrazine

Concen: 57.194 ng

RT: 11.039 min Scan# 1522

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

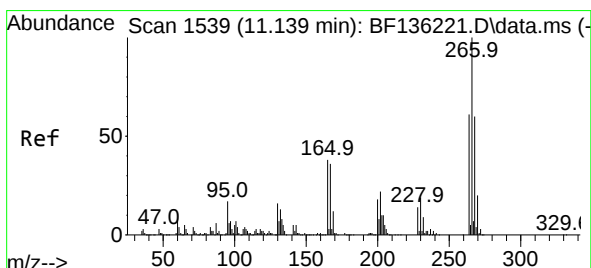
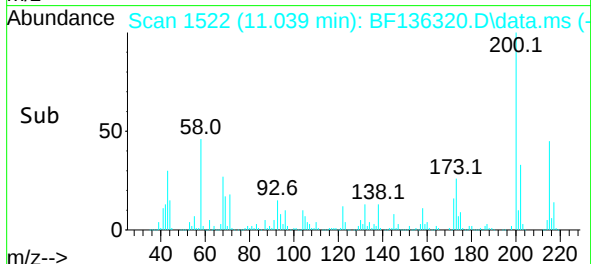
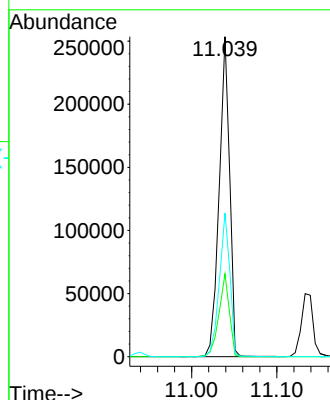
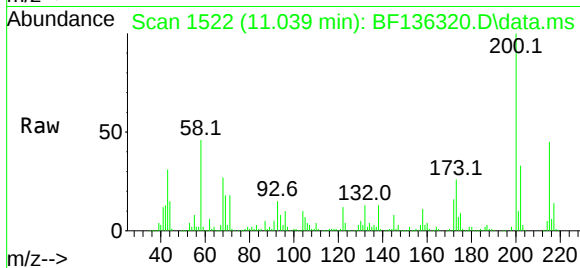
TR-06-11222023MS

Tgt Ion:200 Resp: 21550
 Ion Ratio Lower Upper
 200 100
 173 25.9 4.3 44.3
 215 44.9 23.8 63.8

Manual Integrations

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



#70

Pentachlorophenol

Concen: 85.546 ng

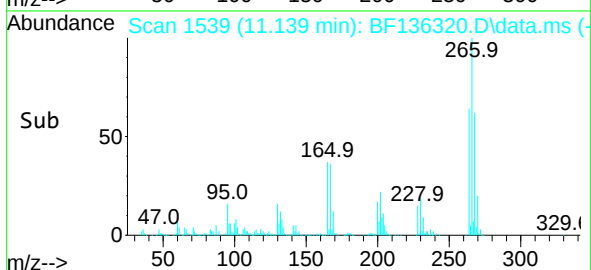
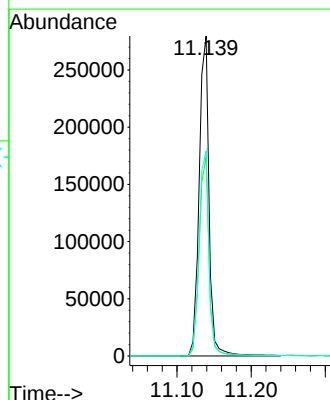
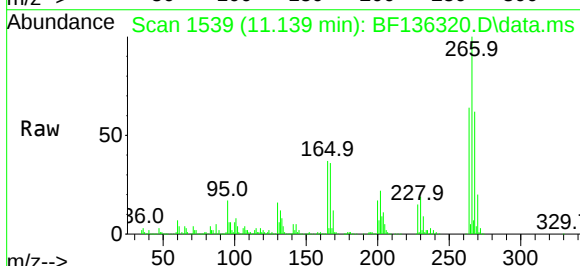
RT: 11.139 min Scan# 1539

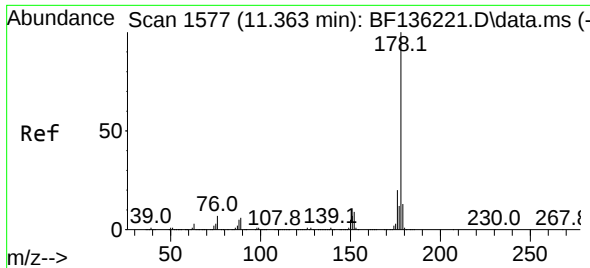
Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Tgt Ion:266 Resp: 258786
 Ion Ratio Lower Upper
 266 100
 268 62.2 47.9 71.9
 264 64.0 49.1 73.7





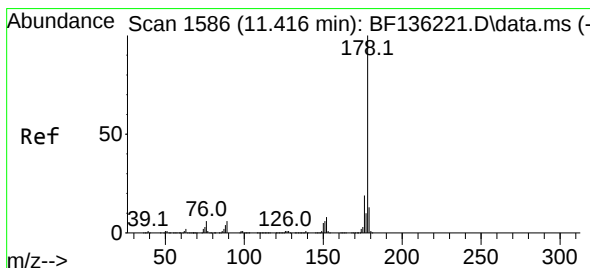
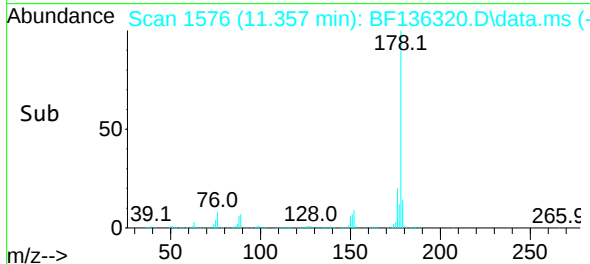
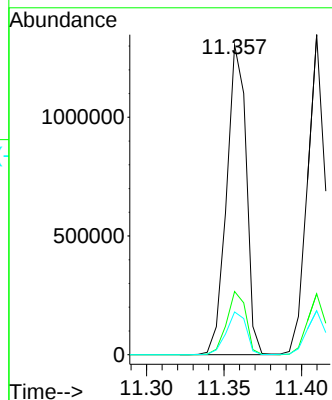
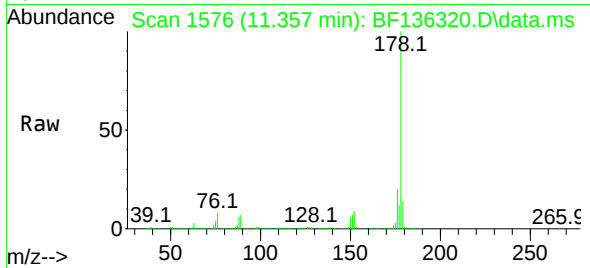
#71
Phenanthrene
Concen: 51.677 ng
RT: 11.357 min Scan# 115118
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:178 Resp: 115118
Ion Ratio Lower Upper
178 100
176 20.4 16.2 24.2
179 13.8 10.3 15.5

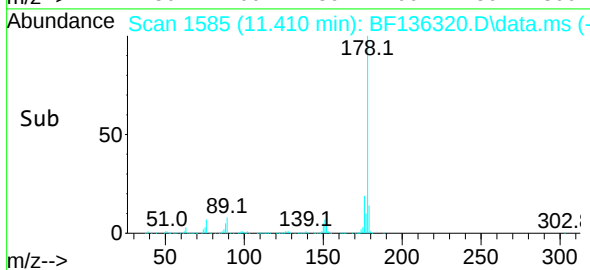
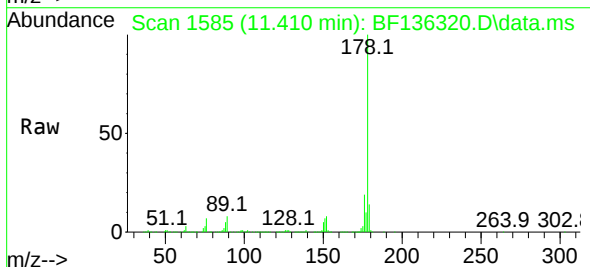
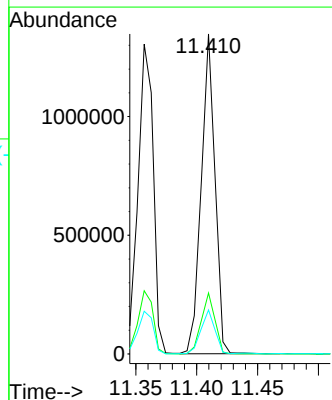
Manual Integrations
APPROVED

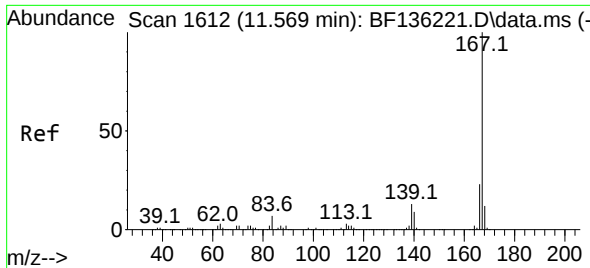
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#72
Anthracene
Concen: 47.478 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

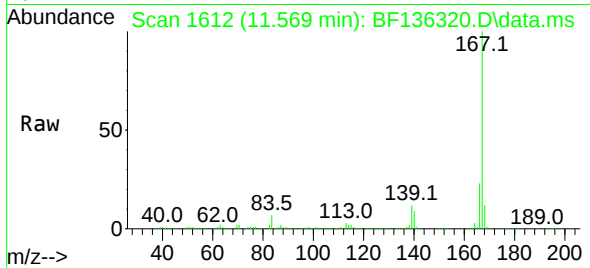
Tgt Ion:178 Resp: 1060628
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 13.7 10.5 15.7





#73
 Carbazole
 Concen: 44.291 ng
 RT: 11.569 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF136320.D
 Acq: 30 Nov 2023 18:37

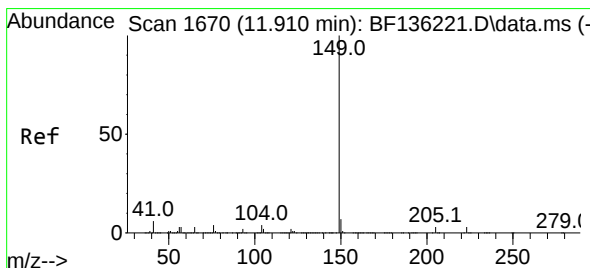
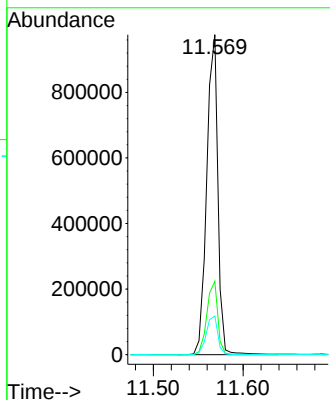
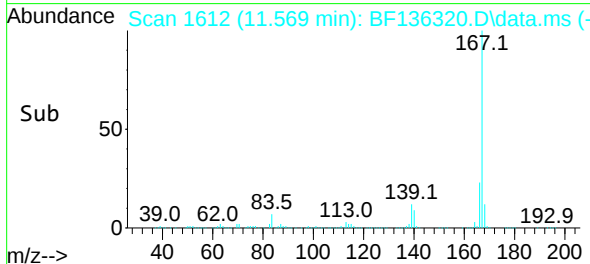
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MS



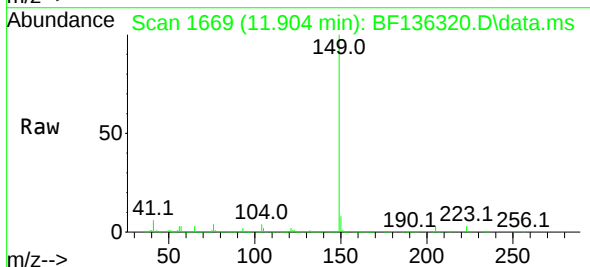
Tgt Ion:167 Resp: 841530
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.4 27.6
 139 12.1 10.5 15.7

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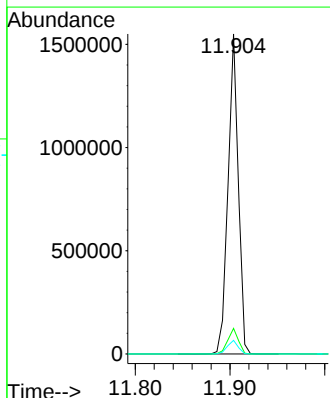
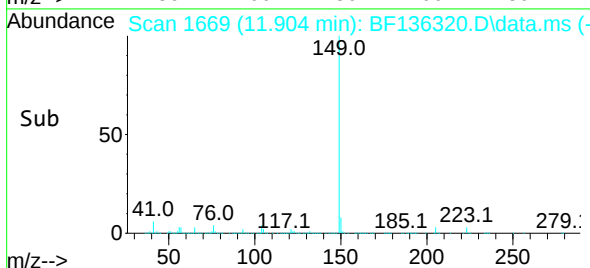
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

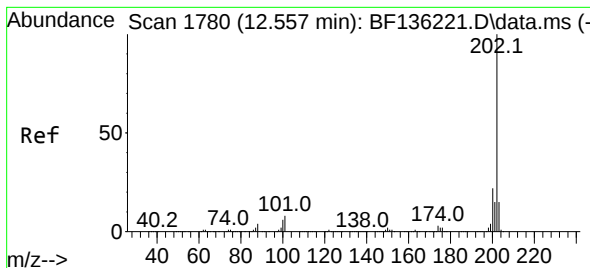


#74
 Di-n-butylphthalate
 Concen: 49.376 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. -0.006 min
 Lab File: BF136320.D
 Acq: 30 Nov 2023 18:37



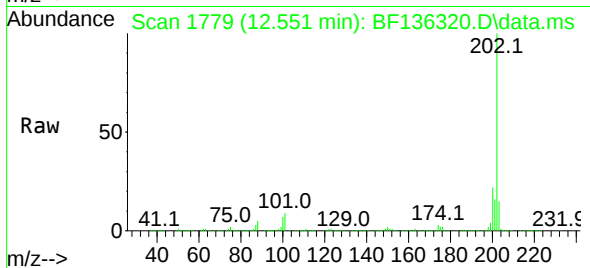
Tgt Ion:149 Resp: 1173816
 Ion Ratio Lower Upper
 149 100
 150 8.0 6.0 9.0
 104 4.3 3.5 5.3





#75
Fluoranthene
Concen: 46.849 ng
RT: 12.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

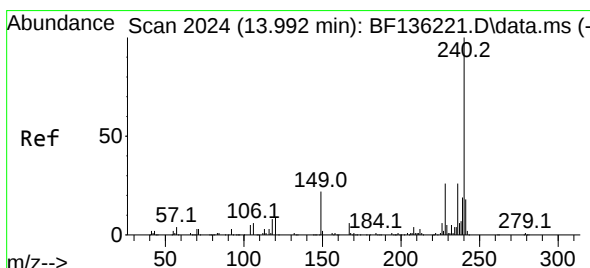
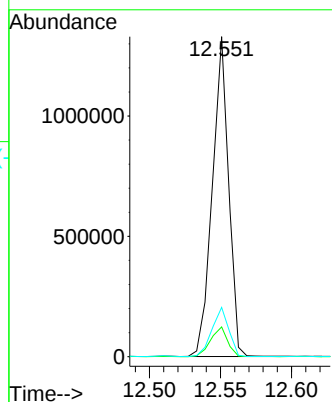
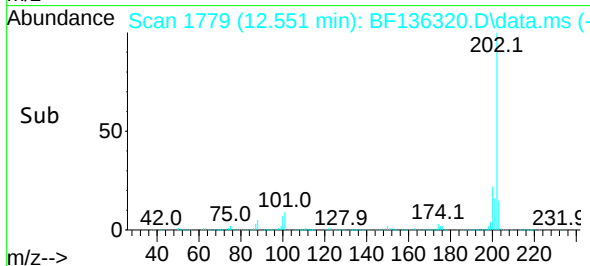
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



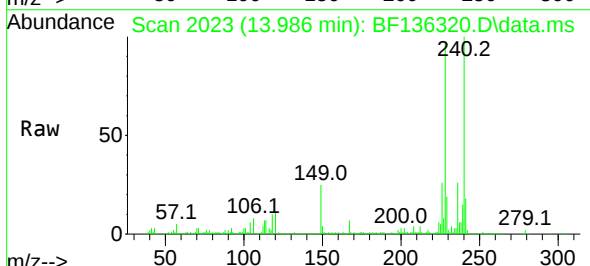
Tgt Ion:202 Resp: 105948
Ion Ratio Lower Upper
202 100
101 9.3 0.0 27.8
203 15.4 0.0 34.5

Manual Integrations
APPROVED

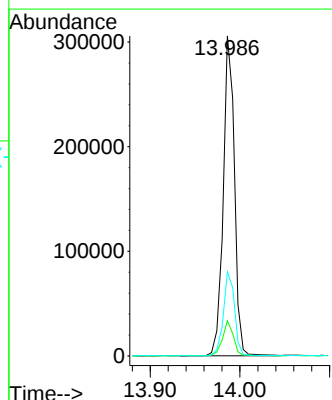
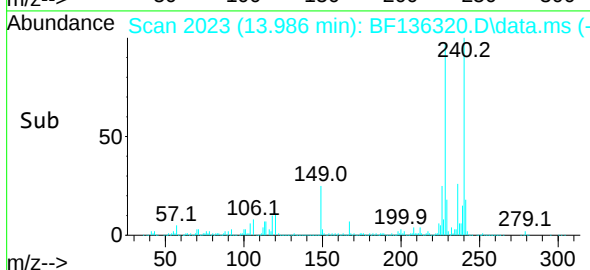
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

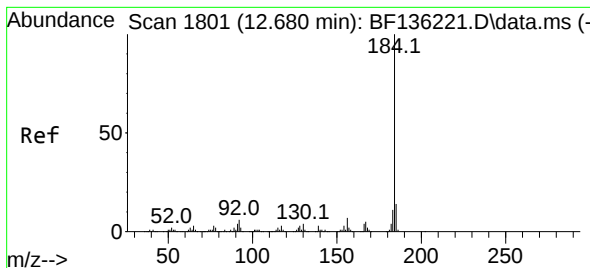


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



Tgt Ion:240 Resp: 265106
Ion Ratio Lower Upper
240 100
120 11.0 7.4 11.2
236 26.3 21.1 31.7





#77

Benzidine

Concen: 56.053 ng

RT: 12.674 min Scan# 1800

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

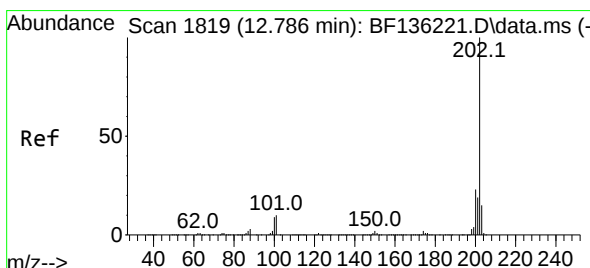
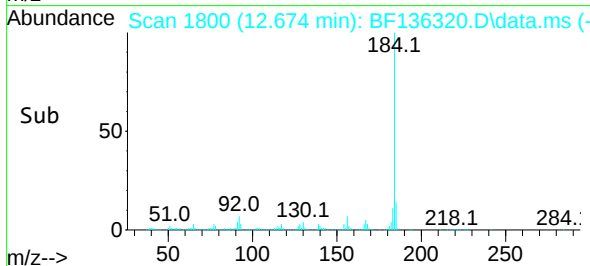
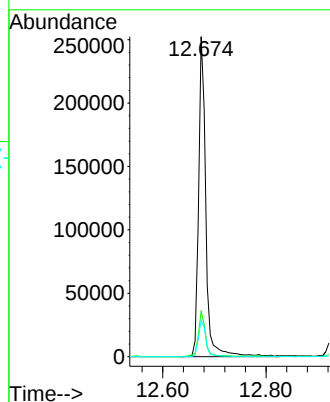
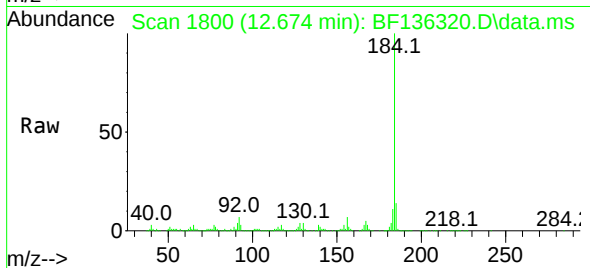
TR-06-11222023MS

Tgt Ion:184	Resp: 244272
Ion Ratio	Lower Upper
184	100
185	14.1 11.0 16.6
183	11.4 9.0 13.4

Manual Integrations

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



#78

Pyrene

Concen: 36.867 ng

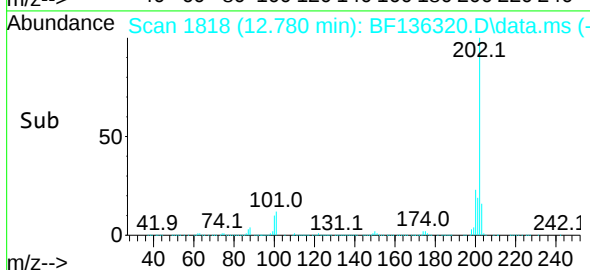
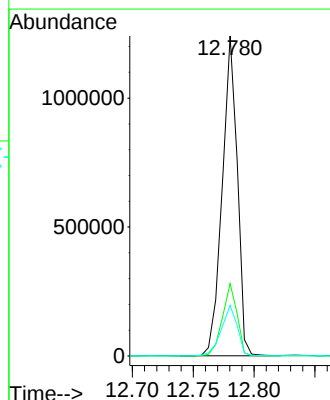
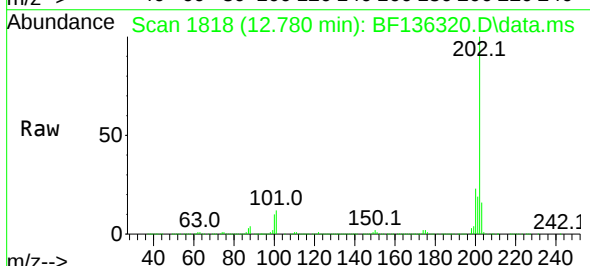
RT: 12.780 min Scan# 1818

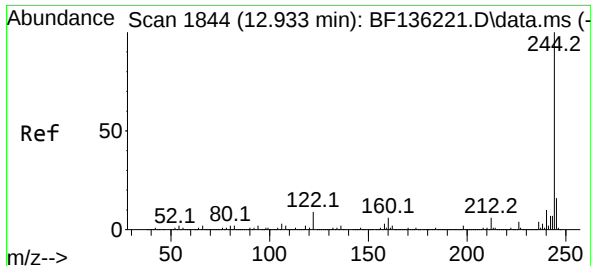
Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

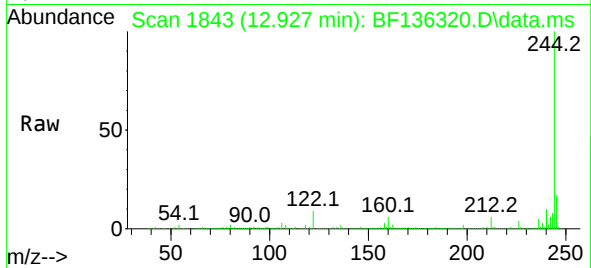
Tgt Ion:202	Resp: 1070386
Ion Ratio	Lower Upper
202	100
200	22.6 18.4 27.6
203	15.9 11.8 17.6





#79
 Terphenyl-d14
 Concen: 41.422 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. -0.006 min
 Lab File: BF136320.D
 Acq: 30 Nov 2023 18:37

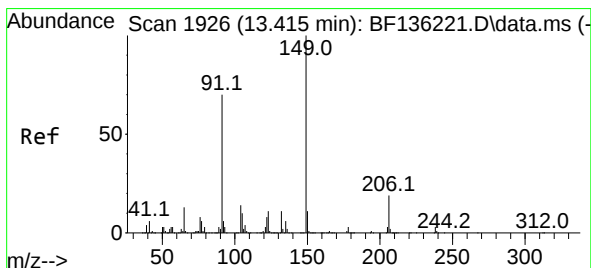
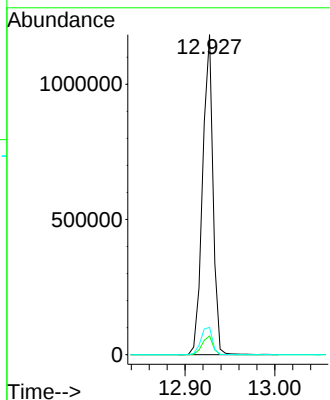
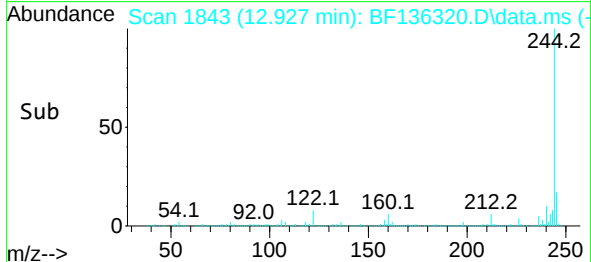
Instrument :
 BNA_F
 ClientSampleId :
 TR-06-11222023MS



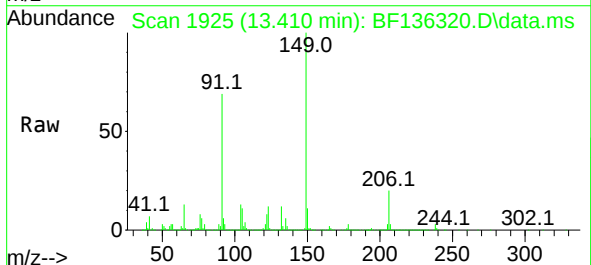
Tgt Ion:244 Resp: 95200
 Ion Ratio Lower Upper
 244 100
 212 5.8 4.6 7.0
 122 8.5 7.3 10.9

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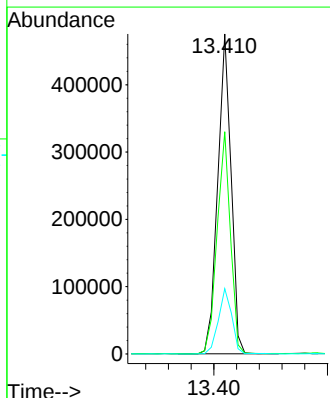
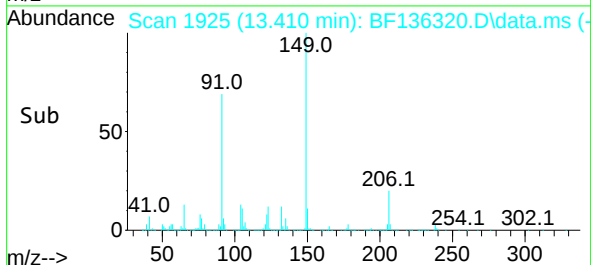
Reviewed By :Yogesh Patel 12/01/2023
 Supervised By :mohammad ahmed 12/01/2023

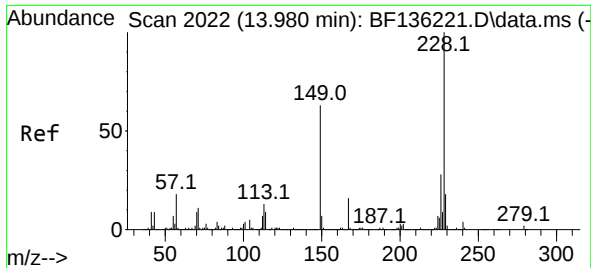


#80
 Butylbenzylphthalate
 Concen: 43.011 ng
 RT: 13.410 min Scan# 1925
 Delta R.T. -0.006 min
 Lab File: BF136320.D
 Acq: 30 Nov 2023 18:37



Tgt Ion:149 Resp: 388651
 Ion Ratio Lower Upper
 149 100
 91 69.4 56.4 84.6
 206 20.4 14.8 22.2





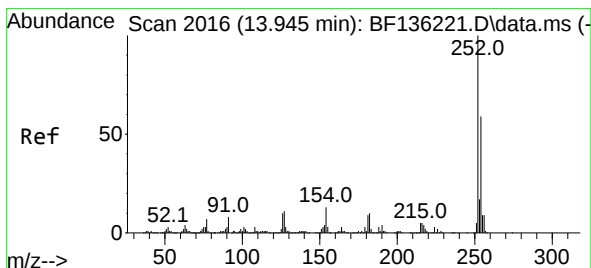
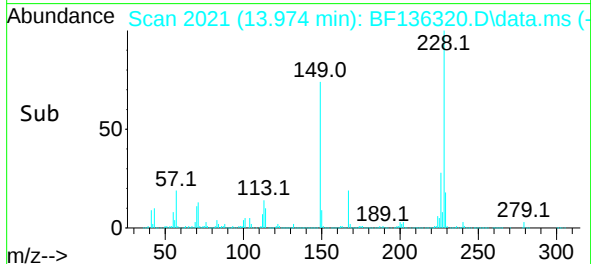
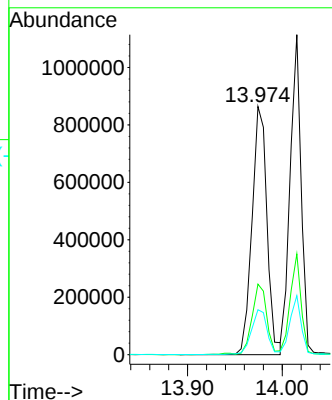
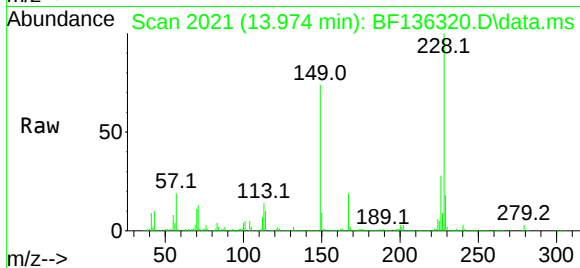
#81
Benzo(a)anthracene
Concen: 48.432 ng
RT: 13.974 min Scan# 2022
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS

Tgt Ion:228 Resp: 953692
Ion Ratio Lower Upper
228 100
226 28.5 22.6 34.0
229 18.1 14.0 21.0

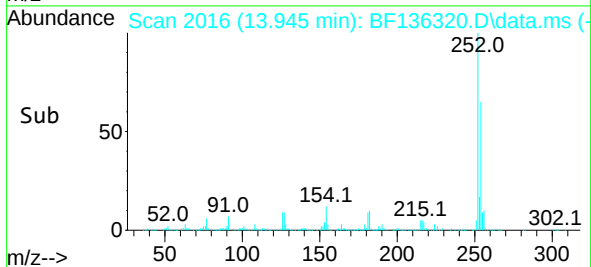
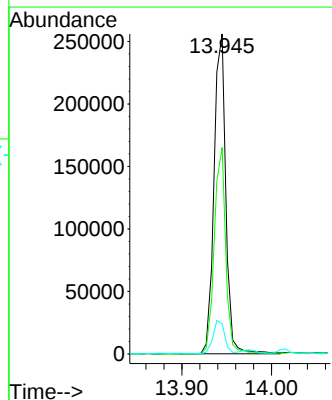
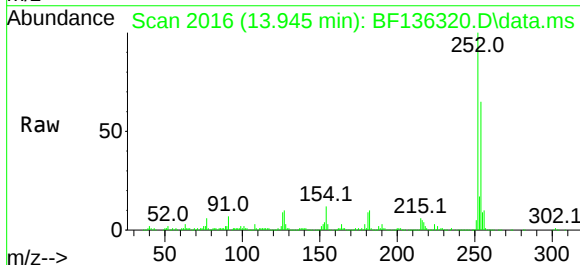
Manual Integrations
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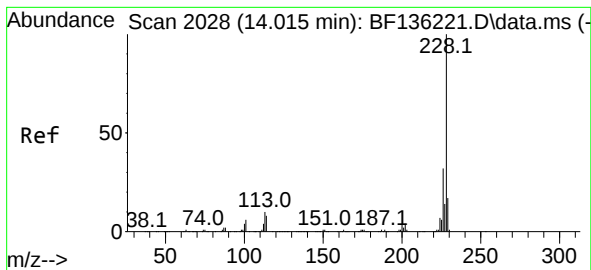
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#82
3,3'-Dichlorobenzidine
Concen: 49.288 ng
RT: 13.945 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Tgt Ion:252 Resp: 233622
Ion Ratio Lower Upper
252 100
254 64.5 47.4 71.2
126 9.4 8.3 12.5





#83

Chrysene

Concen: 47.396 ng

RT: 14.015 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

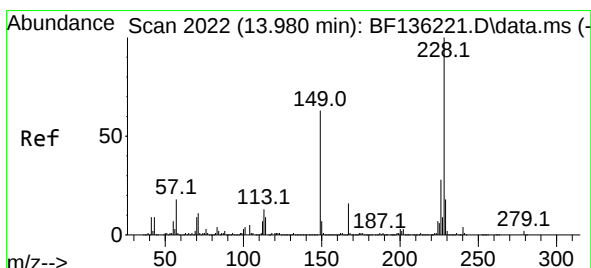
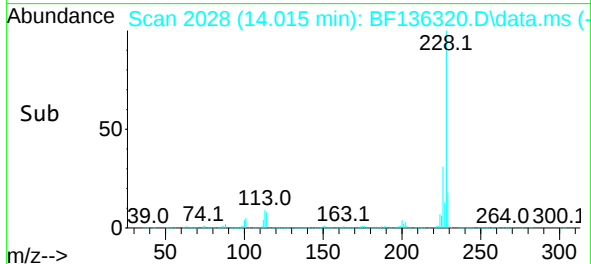
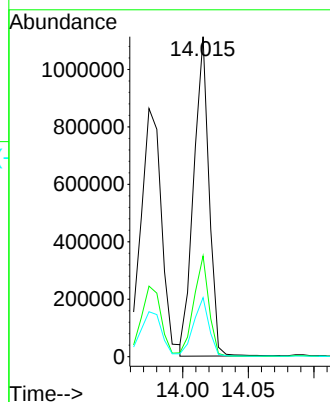
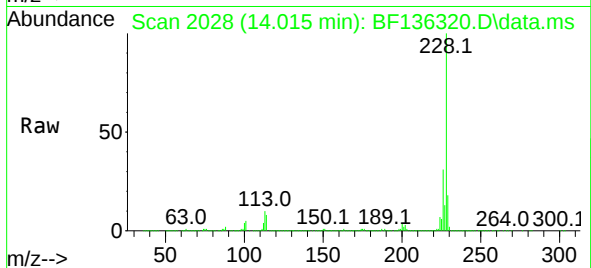
TR-06-11222023MS

Tgt Ion:228 Resp: 901110
 Ion Ratio Lower Upper
 228 100
 226 31.5 25.5 38.3
 229 18.4 13.9 20.9

Manual Integrations

APPROVED

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



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.722 ng

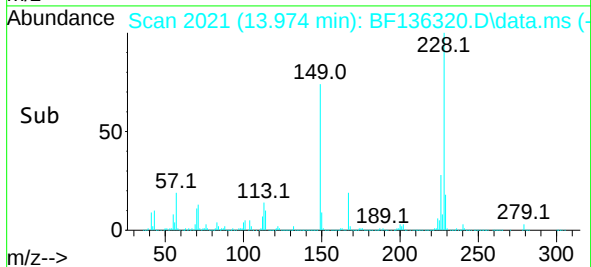
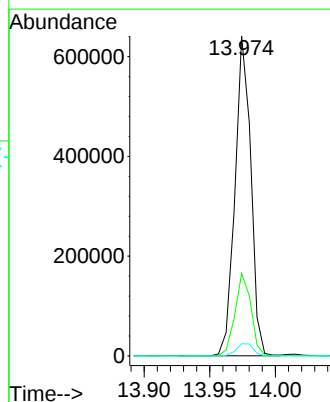
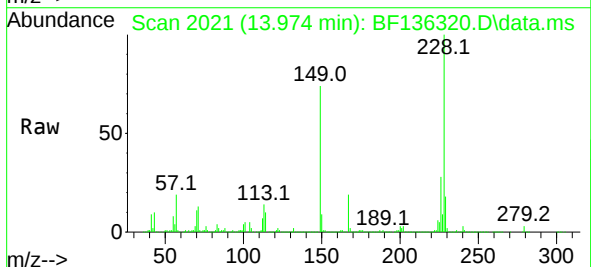
RT: 13.974 min Scan# 2021

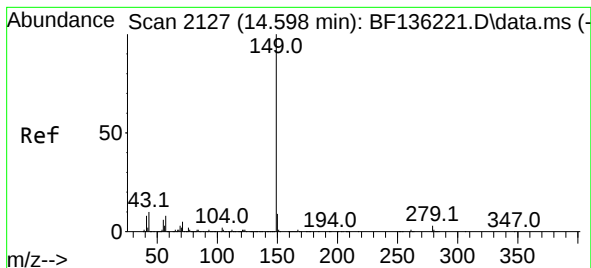
Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Tgt Ion:149 Resp: 539202
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.2
 279 3.8 2.4 3.6#





#85

Di-n-octyl phthalate

Concen: 59.692 ng

RT: 14.592 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

Instrument :

BNA_F

ClientSampleId :

TR-06-11222023MS

Tgt Ion:149 Resp: 107613

Ion Ratio Lower Upper

149 100

167 1.3 1.0 1.6

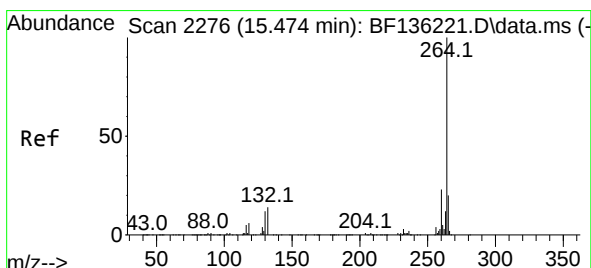
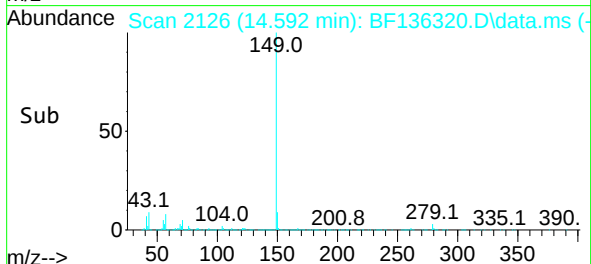
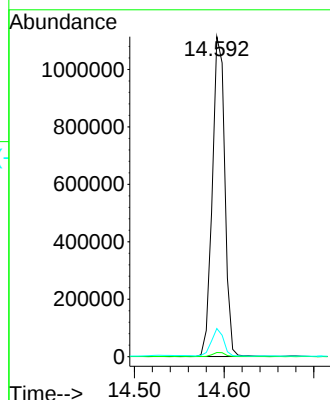
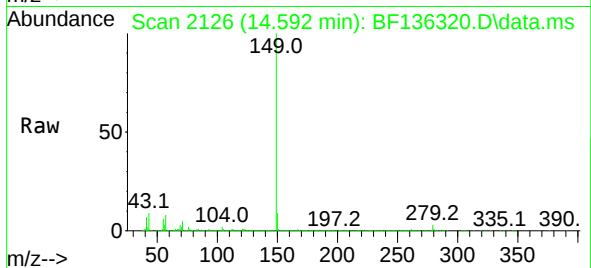
43 8.3 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/01/2023

Supervised By :mohammad ahmed 12/01/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.468 min Scan# 2275

Delta R.T. -0.006 min

Lab File: BF136320.D

Acq: 30 Nov 2023 18:37

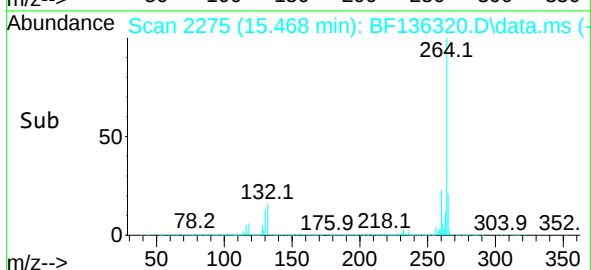
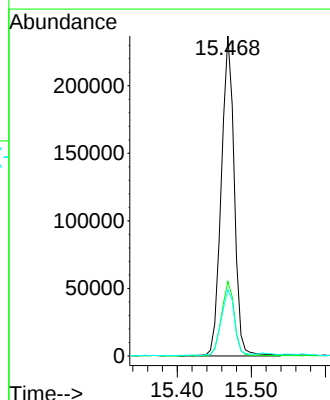
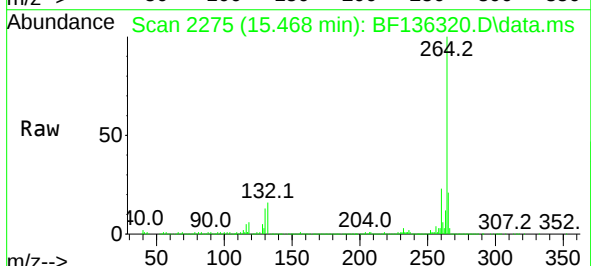
Tgt Ion:264 Resp: 288270

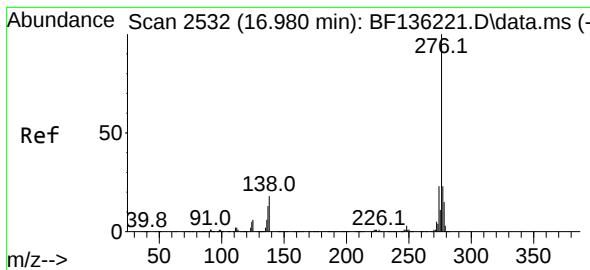
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

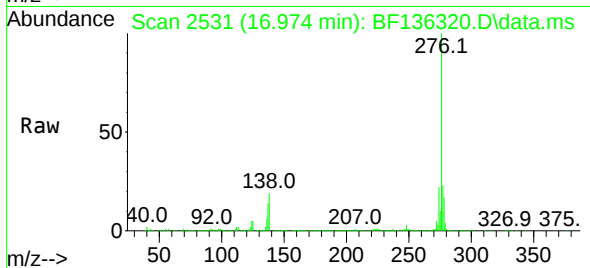
265 20.7 15.7 23.5





#87
Indeno(1,2,3-cd)pyrene
Concen: 32.001 ng
RT: 16.974 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

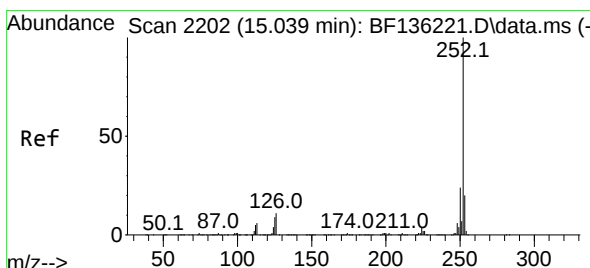
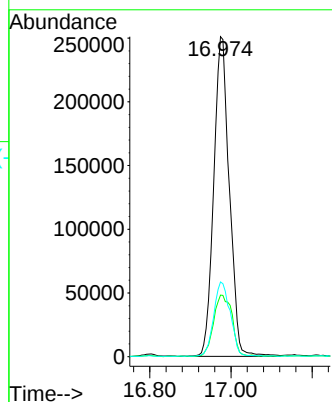
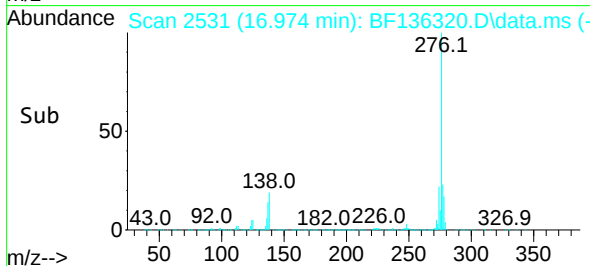
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



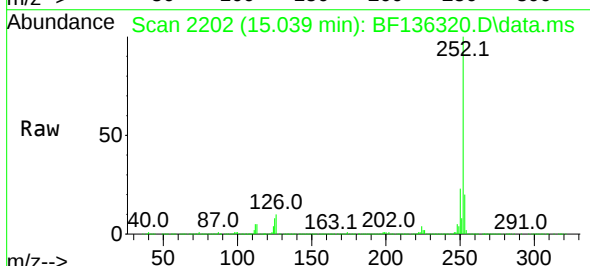
Tgt Ion:276 Resp: 66915
Ion Ratio Lower Upper
276 100
138 22.7 17.7 26.5
277 24.6 19.6 29.4

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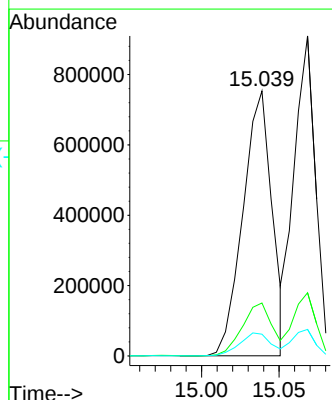
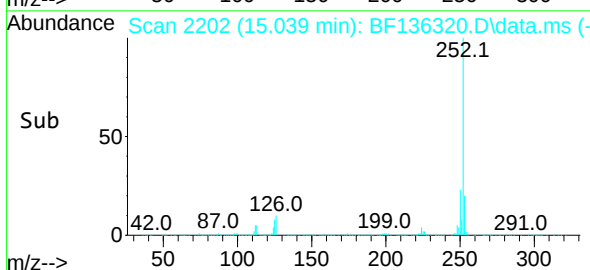
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023

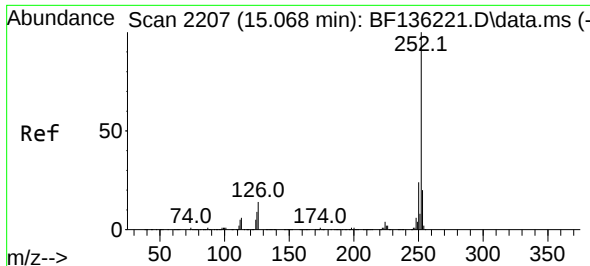


#88
Benzo(b)fluoranthene
Concen: 48.616 ng
RT: 15.039 min Scan# 2202
Delta R.T. -0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37



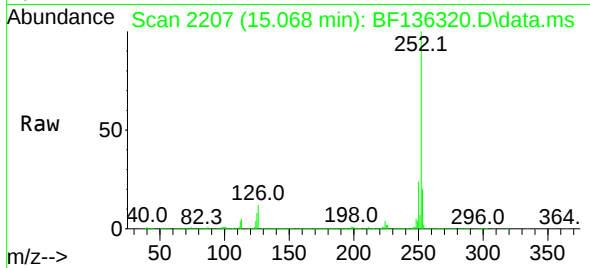
Tgt Ion:252 Resp: 983235
Ion Ratio Lower Upper
252 100
253 20.0 16.2 24.2
125 8.2 6.9 10.3





#89
Benzo(k)fluoranthene
Concen: 45.630 ng
RT: 15.068 min Scan# 2207
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

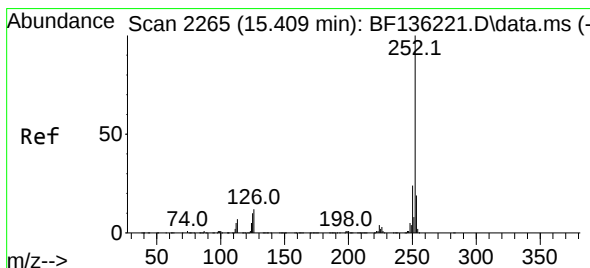
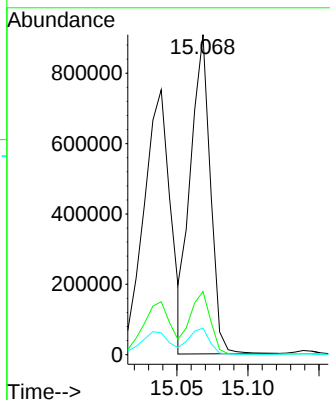
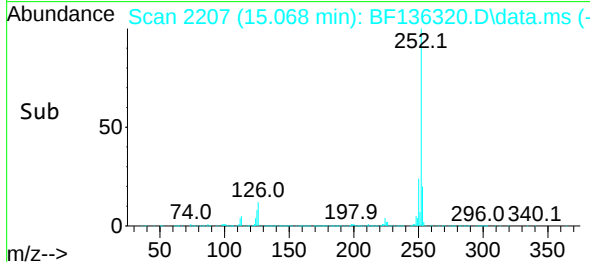
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:252 Resp: 876479
Ion Ratio Lower Upper
252 100
253 19.7 15.6 23.4
125 8.3 7.0 10.4

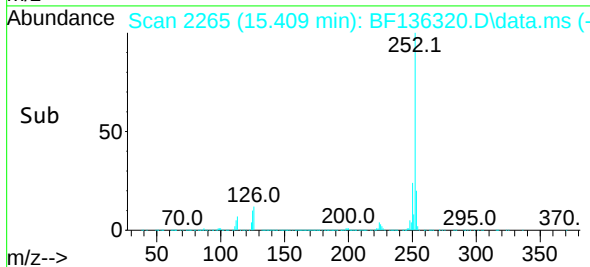
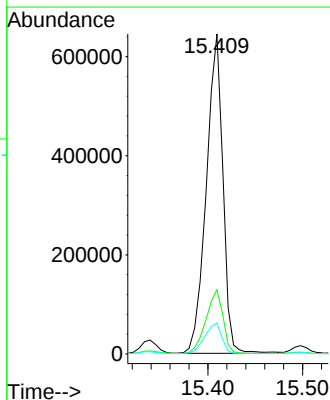
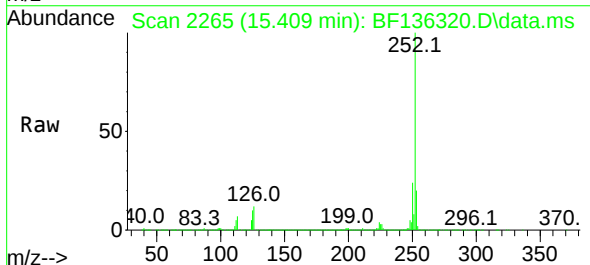
Manual Integrations
APPROVED

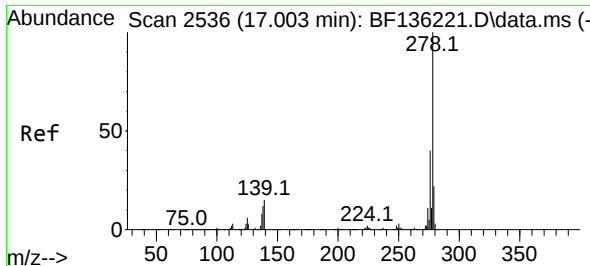
Reviewed By :Yogesh Patel 12/01/2023
Supervised By :mohammad ahmed 12/01/2023



#90
Benzo(a)pyrene
Concen: 47.327 ng
RT: 15.409 min Scan# 2265
Delta R.T. 0.000 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

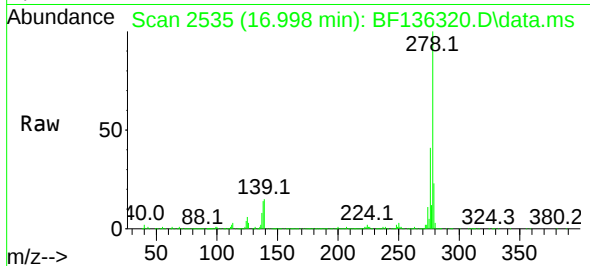
Tgt Ion:252 Resp: 782459
Ion Ratio Lower Upper
252 100
253 20.1 15.5 23.3
125 9.7 7.9 11.9





#91
Dibenzo(a,h)anthracene
Concen: 32.513 ng
RT: 16.998 min Scan# 210
Delta R.T. -0.005 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

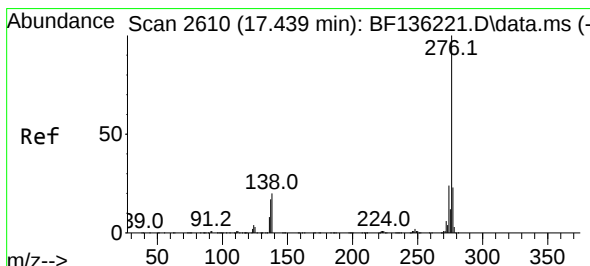
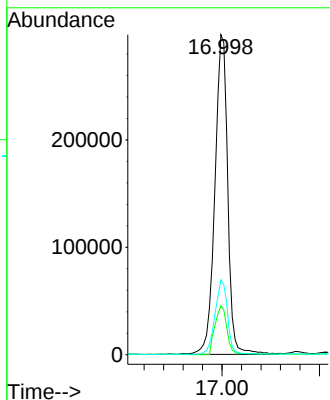
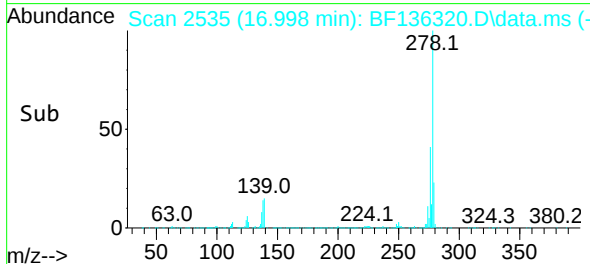
Instrument :
BNA_F
ClientSampleId :
TR-06-11222023MS



Tgt Ion:278 Resp: 546244
Ion Ratio Lower Upper
278 100
139 15.2 11.7 17.5
279 23.4 17.8 26.8

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 28.853 ng
RT: 17.433 min Scan# 2609
Delta R.T. -0.006 min
Lab File: BF136320.D
Acq: 30 Nov 2023 18:37

Tgt Ion:276 Resp: 487012
Ion Ratio Lower Upper
276 100
277 22.6 18.6 27.8
138 20.3 15.8 23.8

