

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101623\
 Data File : BF135775.D
 Acq On : 16 Oct 2023 14:14
 Operator : CG\JU
 Sample : 04791-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

Quant Time: Oct 17 01:31:29 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101323.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 17 01:22:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	95144	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	352042	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	186216	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	344770	20.000	ng	0.00
76) Chrysene-d12	13.939	240	180730	20.000	ng	#-0.01
86) Perylene-d12	15.415	264	194939	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	655648	110.792	ng	0.00
7) Phenol-d6	6.392	99	789147	106.875	ng	0.00
23) Nitrobenzene-d5	7.310	82	488159	76.265	ng	0.00
42) 2,4,6-Tribromophenol	10.580	330	197003	110.249	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	867011	72.796	ng	0.00
79) Terphenyl-d14	12.868	244	862435	88.372	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.481	88	134990	47.291	ng	98
3) Pyridine	3.234	79	307927	43.967	ng	96
4) n-Nitrosodimethylamine	3.204	42	208451	55.346	ng	97
6) Aniline	6.404	93	262893	28.292	ng	# 33
8) 2-Chlorophenol	6.528	128	340183	53.307	ng	98
9) Benzaldehyde	6.298	77	150554	35.824	ng	96
10) Phenol	6.410	94	406402	52.528	ng	# 80
11) bis(2-Chloroethyl)ether	6.481	93	320610	51.429	ng	100
12) 1,3-Dichlorobenzene	6.675	146	338113	52.261	ng	98
13) 1,4-Dichlorobenzene	6.757	146	348337	53.149	ng	99
14) 1,2-Dichlorobenzene	6.904	146	321140	54.420	ng	99
15) Benzyl Alcohol	6.892	79	269783	54.950	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.016	45	570664	50.615	ng	85
17) 2-Methylphenol	7.010	107	263854	47.761	ng	95
18) Hexachloroethane	7.239	117	127590	53.693	ng	96
19) n-Nitroso-di-n-propyla...	7.157	70	218607	47.882	ng	98
20) 3+4-Methylphenols	7.163	107	332328	48.254	ng	91
22) Acetophenone	7.151	105	455317	56.395	ng	# 99
24) Nitrobenzene	7.328	77	351578	54.728	ng	99
25) Isophorone	7.563	82	640870	53.071	ng	99
26) 2-Nitrophenol	7.645	139	180311	57.515	ng	96
27) 2,4-Dimethylphenol	7.686	122	245600	47.588	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	396720	55.165	ng	99
29) 2,4-Dichlorophenol	7.892	162	272835	56.411	ng	99
30) 1,2,4-Trichlorobenzene	7.963	180	279828	56.568	ng	100
31) Naphthalene	8.039	128	928276	54.060	ng	98
32) Benzoic acid	7.839	122	182023	52.104	ng	93
33) 4-Chloroaniline	8.104	127	93523	12.468	ng	97
34) Hexachlorobutadiene	8.151	225	170428	58.206	ng	99
35) Caprolactam	8.492	113	96600m	58.425	ng	
36) 4-Chloro-3-methylphenol	8.604	107	295607	55.114	ng	98
37) 2-Methylnaphthalene	8.733	142	590678	52.211	ng	99
38) 1-Methylnaphthalene	8.833	142	567122	54.350	ng	100
40) 1,2,4,5-Tetrachloroben...	8.904	216	291131	54.350	ng	99
41) Hexachlorocyclopentadiene	8.880	237	76407	74.016	ng	96
43) 2,4,6-Trichlorophenol	9.022	196	181458	52.569	ng	98

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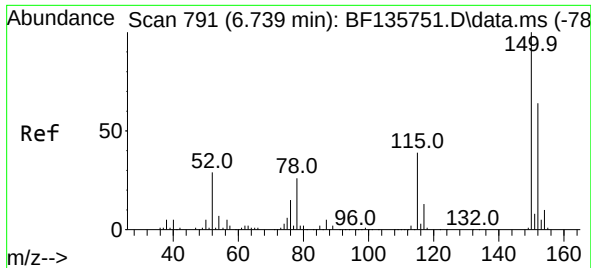
Quant Time: Oct 17 01:31:29 2023
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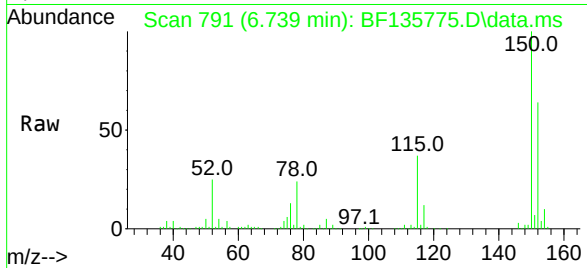
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	204198	50.861	ng	96
46) 1,1'-Biphenyl	9.204	154	753374	52.815	ng	98
47) 2-Chloronaphthalene	9.227	162	559479	54.422	ng	98
48) 2-Nitroaniline	9.339	65	219810	54.169	ng	96
49) Acenaphthylene	9.639	152	923537	54.285	ng	98
50) Dimethylphthalate	9.510	163	669821	53.284	ng	100
51) 2,6-Dinitrotoluene	9.580	165	145337	53.763	ng	98
52) Acenaphthene	9.816	154	554156	54.344	ng	99
53) 3-Nitroaniline	9.751	138	125704	37.933	ng	94
54) 2,4-Dinitrophenol	9.874	184	114654	101.605	ng	92
55) Dibenzofuran	9.986	168	807177	52.461	ng	99
56) 4-Nitrophenol	9.945	139	158089	102.463	ng	96
57) 2,4-Dinitrotoluene	9.998	165	184824	53.741	ng	96
58) Fluorene	10.333	166	644646	53.518	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.116	232	162373	53.516	ng	99
60) Diethylphthalate	10.210	149	686645	53.505	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	305854	52.537	ng	96
62) 4-Nitroaniline	10.374	138	148166	48.595	ng	97
63) Azobenzene	10.486	77	661847	53.082	ng	98
65) 4,6-Dinitro-2-methylph...	10.410	198	87634	50.507	ng	96
66) n-Nitrosodiphenylamine	10.451	169	573922	54.615	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	192227	55.543	ng	98
68) Hexachlorobenzene	10.886	284	209055	59.330	ng	97
69) Atrazine	10.980	200	190269	66.567	ng	97
70) Pentachlorophenol	11.092	266	151544	109.047	ng	95
71) Phenanthrene	11.298	178	917158	55.531	ng	99
72) Anthracene	11.357	178	932554	54.489	ng	100
73) Carbazole	11.516	167	844810	52.927	ng	99
74) Di-n-butylphthalate	11.839	149	1054217	53.794	ng	99
75) Fluoranthene	12.498	202	964419	52.612	ng	98
77) Benzidine	12.627	184	130496	33.090	ng	98
78) Pyrene	12.727	202	945914	65.863	ng	99
80) Butylbenzylphthalate	13.351	149	396191	62.777	ng	96
81) Benzo(a)anthracene	13.933	228	706850	59.544	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	145665	36.999	ng	98
83) Chrysene	13.968	228	639880	55.651	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	542513	63.425	ng	99
85) Di-n-octyl phthalate	14.527	149	803688	59.253	ng	100
87) Indeno(1,2,3-cd)pyrene	16.927	276	644783	60.704	ng	98
88) Benzo(b)fluoranthene	14.986	252	624614	57.251	ng	100
89) Benzo(k)fluoranthene	15.015	252	519828	49.077	ng	99
90) Benzo(a)pyrene	15.356	252	541679	52.800	ng	99
91) Dibenzo(a,h)anthracene	16.927	278	533717	61.294	ng	100
92) Benzo(g,h,i)perylene	17.374	276	522189	58.382	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 791
Delta R.T. -0.007 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

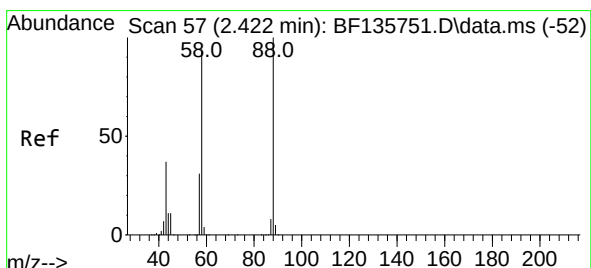
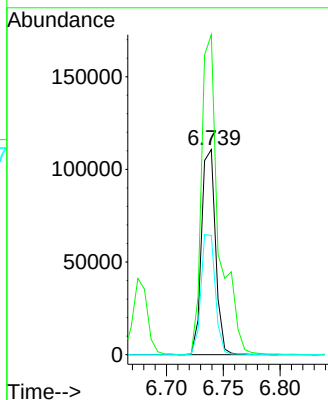
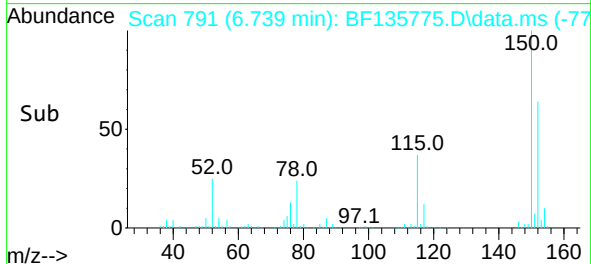
Instrument :
BNA_F
ClientSampleId :
TP-3MS



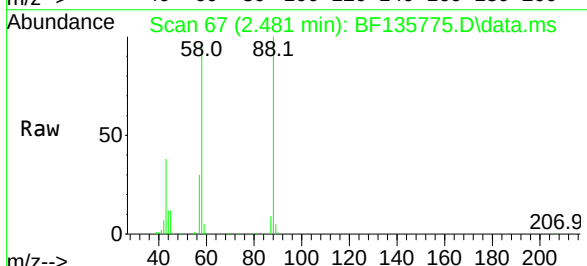
Tgt Ion:152 Resp: 95144
Ion Ratio Lower Upper
152 100
150 156.0 124.5 186.7
115 58.2 49.0 73.4

Manual Integrations
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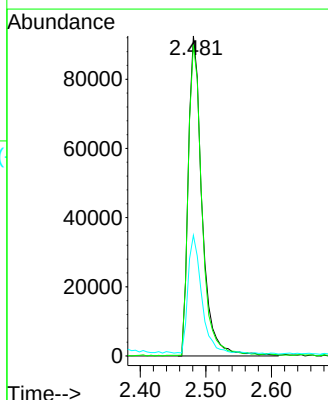
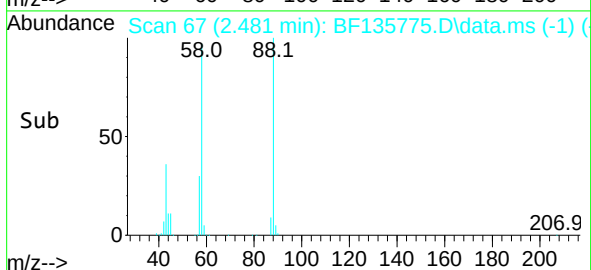
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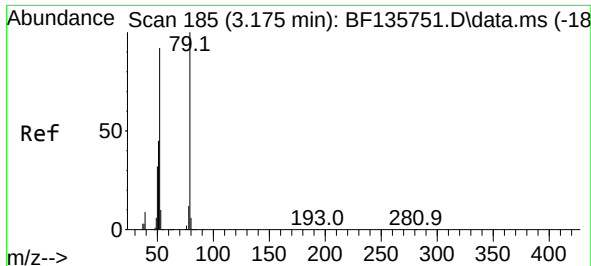


#2
1,4-Dioxane
Concen: 47.291 ng
RT: 2.481 min Scan# 67
Delta R.T. 0.041 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



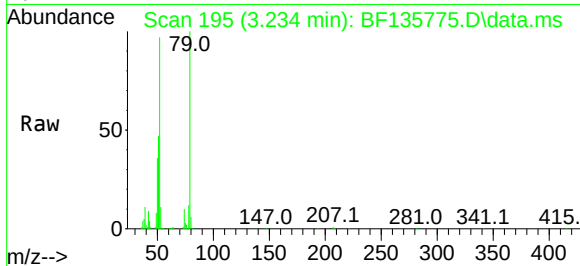
Tgt Ion: 88 Resp: 134990
Ion Ratio Lower Upper
88 100
58 97.5 76.1 114.1
43 35.9 29.8 44.8





#3
Pyridine
Concen: 43.967 ng
RT: 3.234 min Scan# 190
Delta R.T. 0.047 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

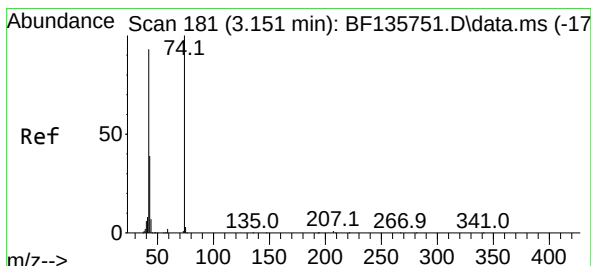
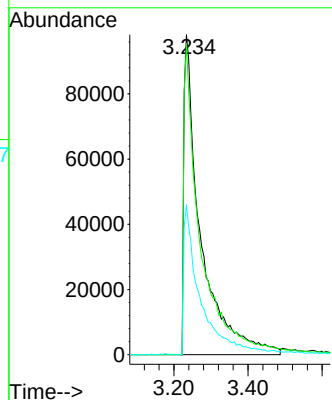
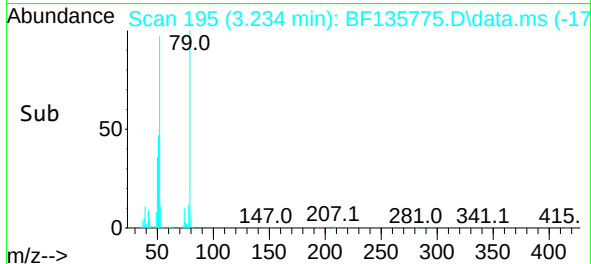
Instrument :
BNA_F
ClientSampleId :
TP-3MS



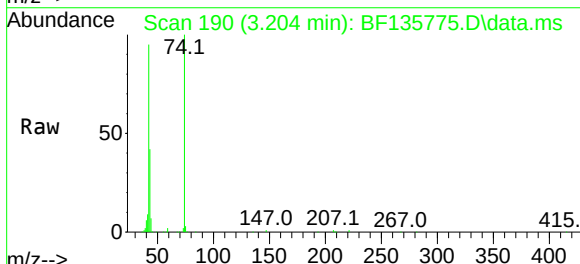
Tgt Ion: 79 Resp: 30792
Ion Ratio Lower Upper
79 100
52 97.3 73.4 110.2
51 46.9 36.5 54.7

Manual Integrations
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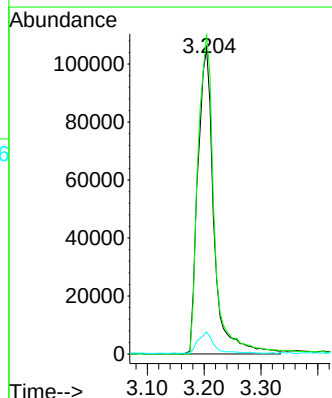
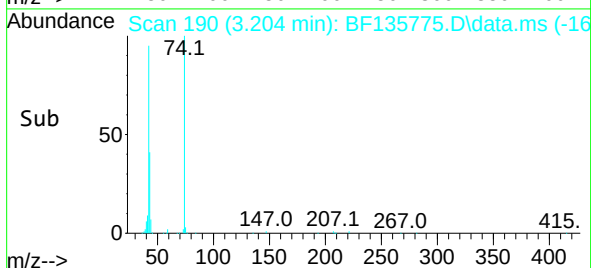
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

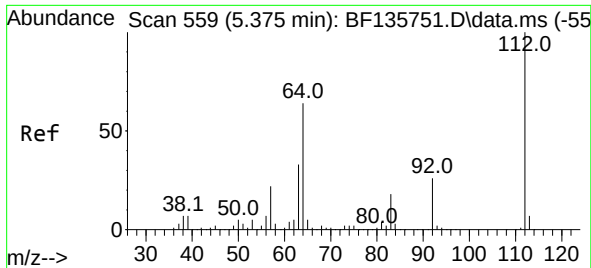


#4
n-Nitrosodimethylamine
Concen: 55.346 ng
RT: 3.204 min Scan# 190
Delta R.T. 0.035 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion: 42 Resp: 208451
Ion Ratio Lower Upper
42 100
74 104.8 86.5 129.7
44 7.2 5.9 8.9





#5
2-Fluorophenol
Concen: 110.792 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

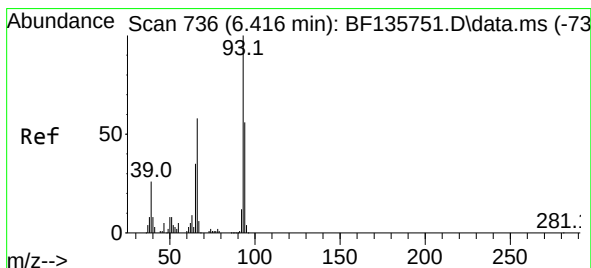
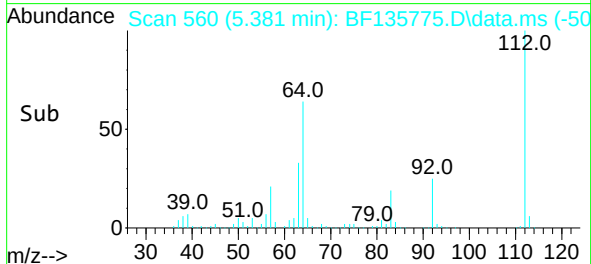
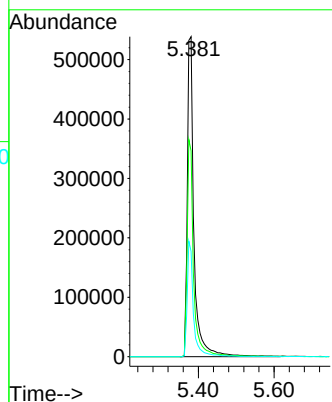
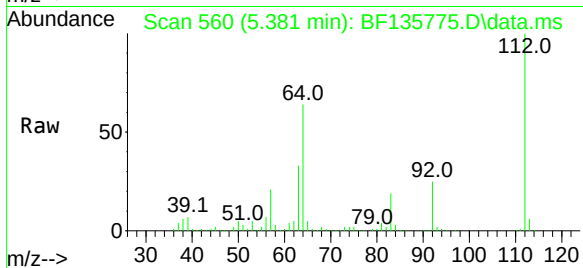
TP-3MS

Tgt Ion:112 Resp: 65564
Ion Ratio Lower Upper
112 100
64 64.3 51.2 76.8
63 32.9 26.1 39.1

Manual Integrations

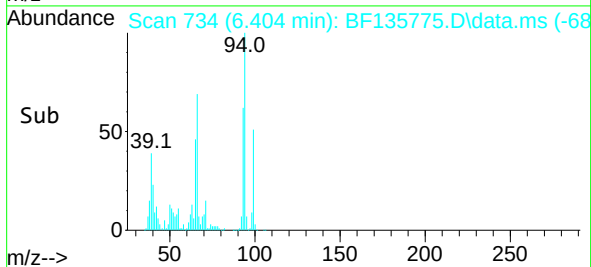
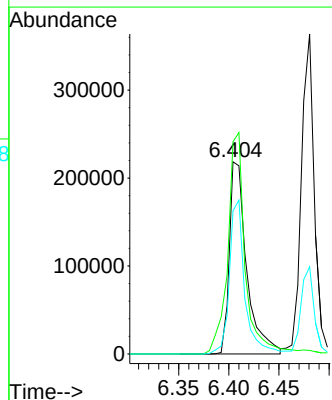
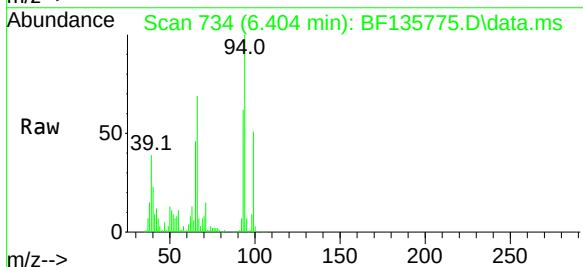
APPROVED

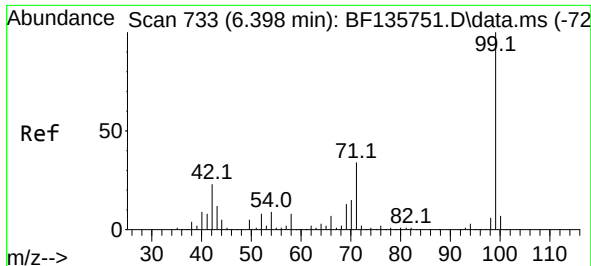
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#6
Aniline
Concen: 28.292 ng
RT: 6.404 min Scan# 734
Delta R.T. -0.012 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion: 93 Resp: 262893
Ion Ratio Lower Upper
93 100
66 110.4 47.6 71.4#
65 74.5 28.5 42.7#





#7

Phenol-d6

Concen: 106.875 ng

RT: 6.392 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 99 Resp: 78914

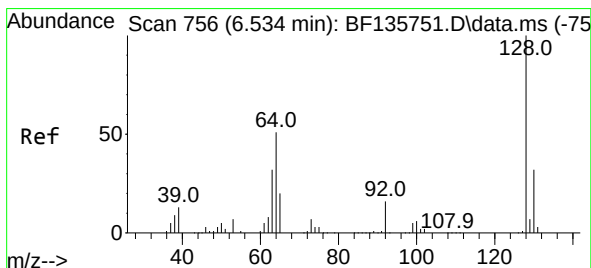
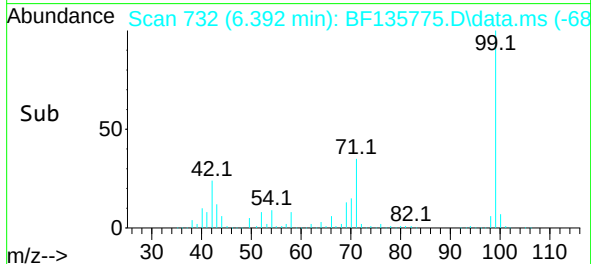
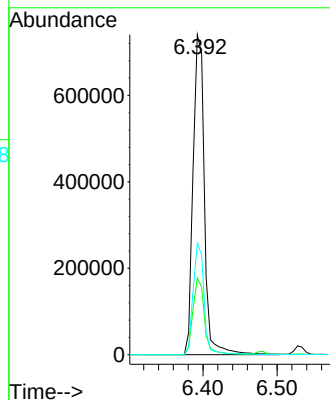
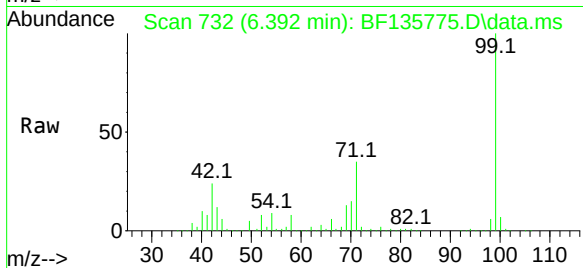
Ion	Ratio	Lower	Upper
99	100		
42	23.9	18.4	27.6
71	34.8	27.2	40.8

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#8

2-Chlorophenol

Concen: 53.307 ng

RT: 6.528 min Scan# 755

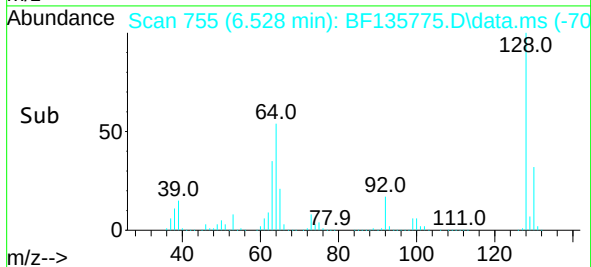
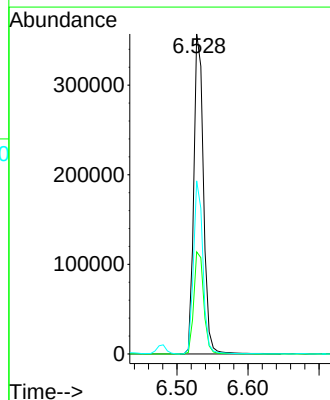
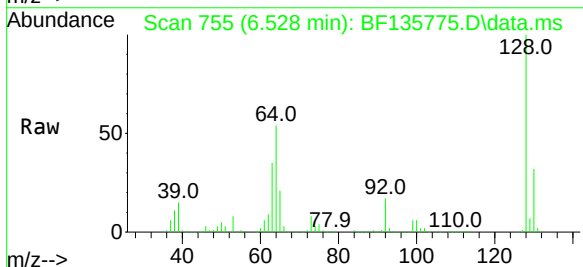
Delta R.T. -0.006 min

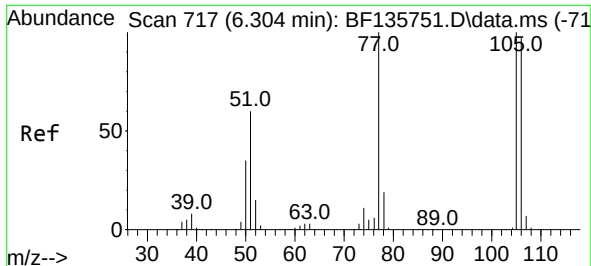
Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion:128 Resp: 340183

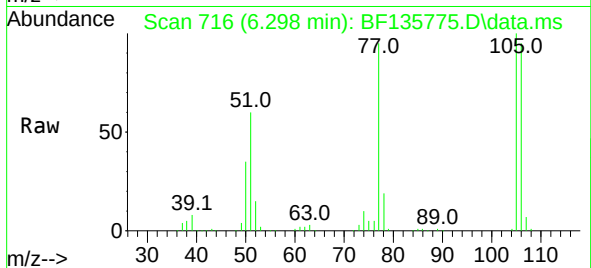
Ion	Ratio	Lower	Upper
128	100		
130	31.9	12.4	52.4
64	54.1	32.3	72.3





#9
Benzaldehyde
Concen: 35.824 ng
RT: 6.298 min Scan# 717
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

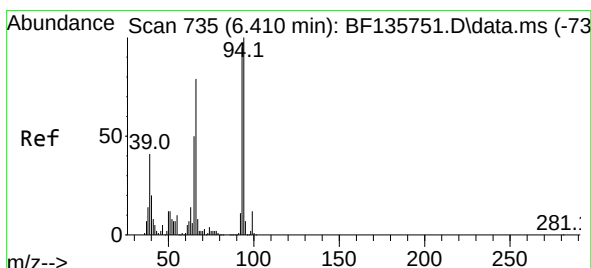
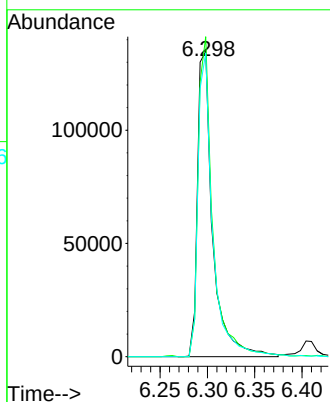
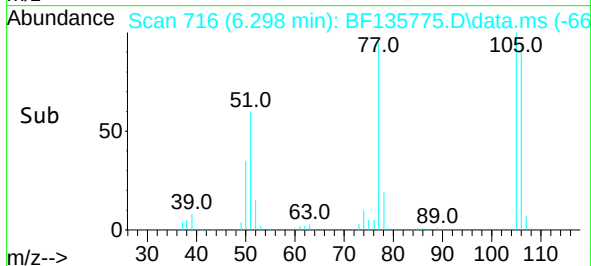
Instrument :
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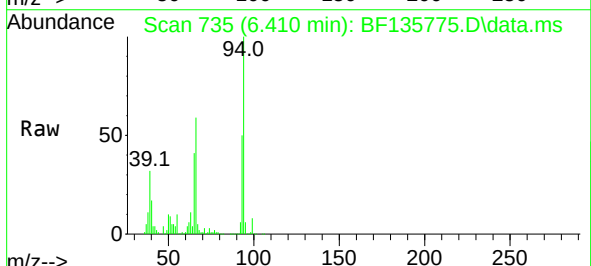
Tgt Ion: 77 Resp: 150554
Ion Ratio Lower Upper
77 100
105 104.8 79.9 119.9
106 99.5 77.1 117.1

Manual Integrations
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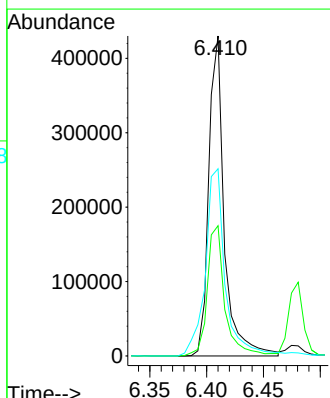
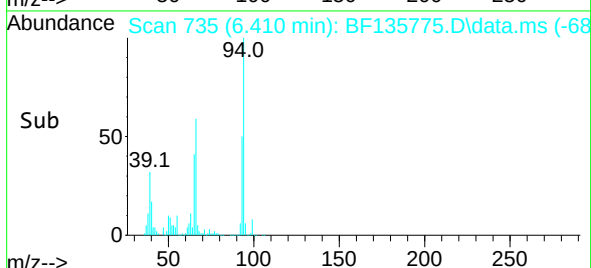
Reviewed By :Yogesh Patel 10/17/2023
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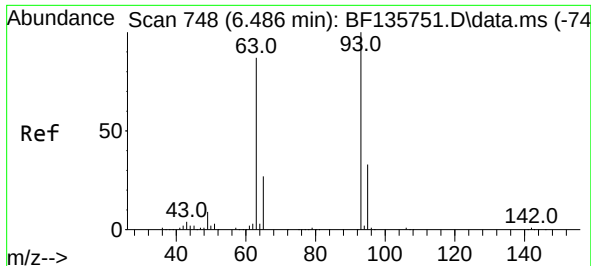


#10
Phenol
Concen: 52.528 ng
RT: 6.410 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion: 94 Resp: 406402
Ion Ratio Lower Upper
94 100
65 40.7 30.3 70.3
66 58.5 59.1 99.1#





#11

bis(2-Chloroethyl)ether

Concen: 51.429 ng

RT: 6.481 min Scan# 74

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

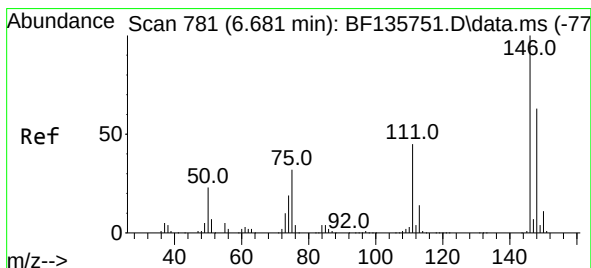
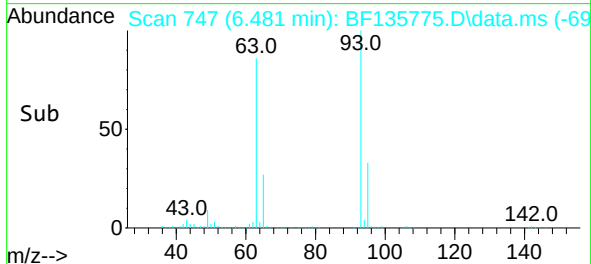
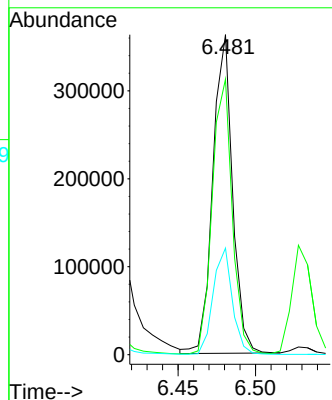
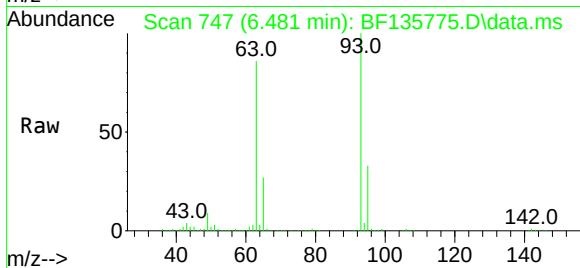
TP-3MS

Tgt Ion: 93 Resp: 320610
 Ion Ratio Lower Upper
 93 100
 63 86.1 66.3 106.3
 95 33.3 12.8 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#12

1,3-Dichlorobenzene

Concen: 52.261 ng

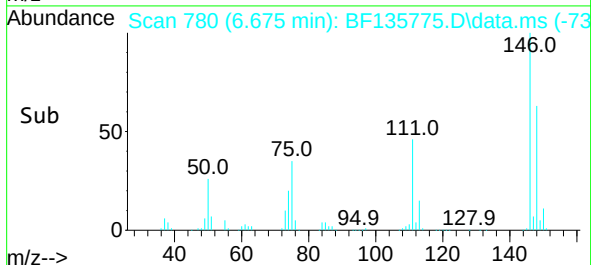
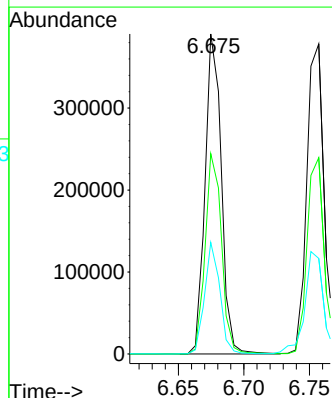
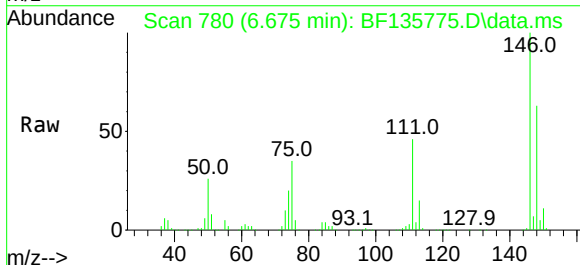
RT: 6.675 min Scan# 780

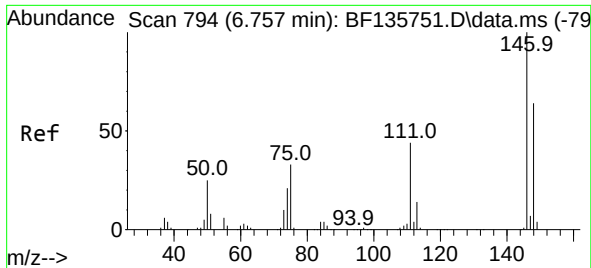
Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion:146 Resp: 338113
 Ion Ratio Lower Upper
 146 100
 148 62.6 50.2 75.4
 75 34.9 25.8 38.6





#13

1,4-Dichlorobenzene

Concen: 53.149 ng

RT: 6.757 min Scan# 794

Delta R.T. -0.000 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:146 Resp: 34833

Ion Ratio Lower Upper

146 100

148 63.3 51.0 76.6

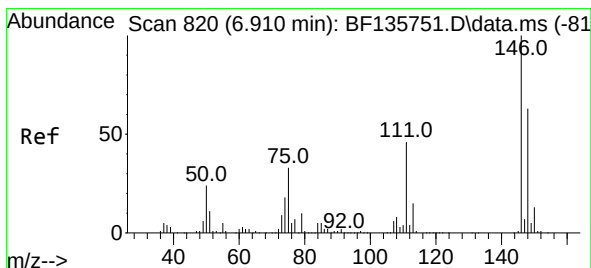
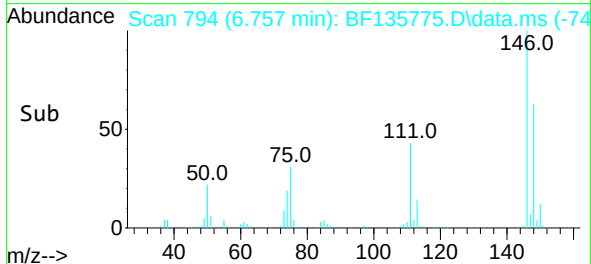
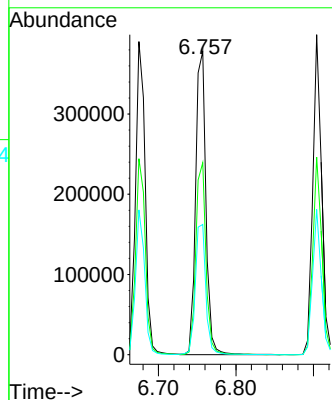
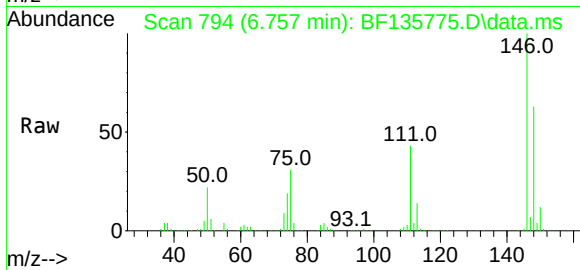
111 42.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#14

1,2-Dichlorobenzene

Concen: 54.420 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

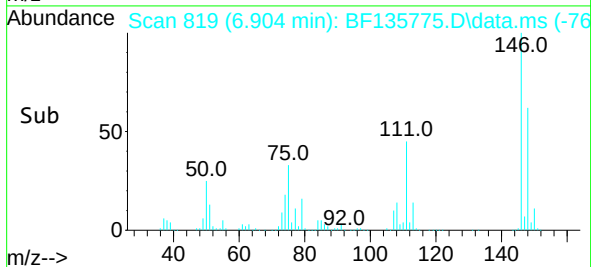
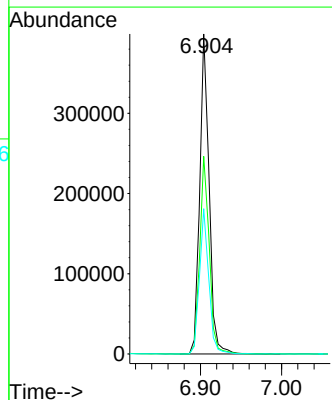
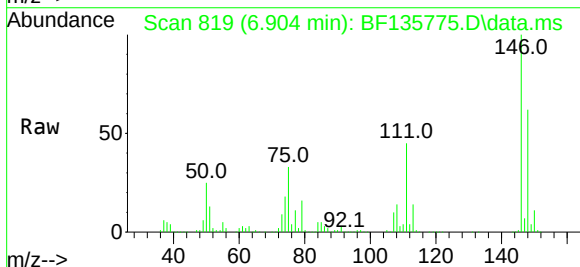
Tgt Ion:146 Resp: 321140

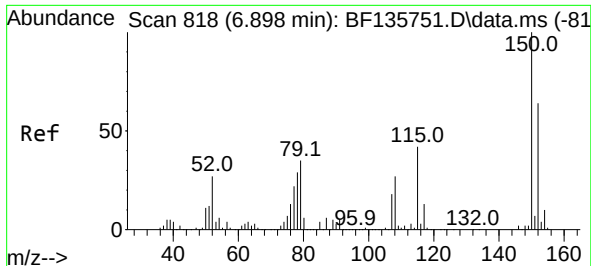
Ion Ratio Lower Upper

146 100

148 61.7 50.2 75.2

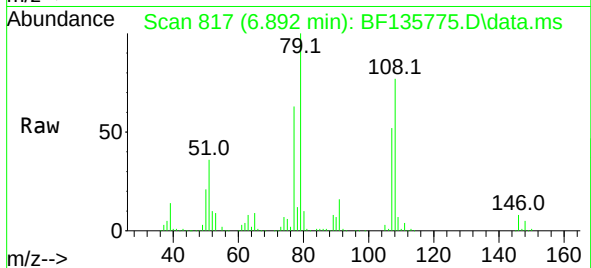
111 45.4 37.1 55.7





#15
Benzyl Alcohol
Concen: 54.950 ng
RT: 6.892 min Scan# 817
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

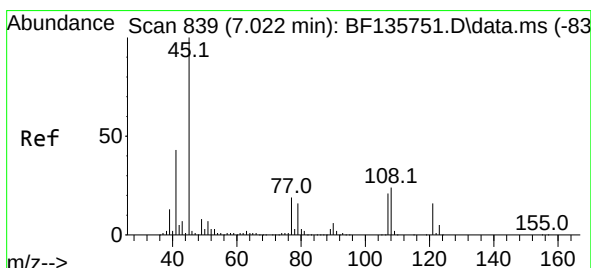
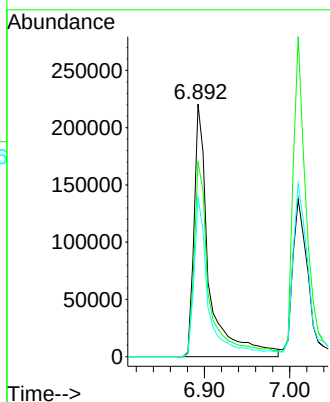
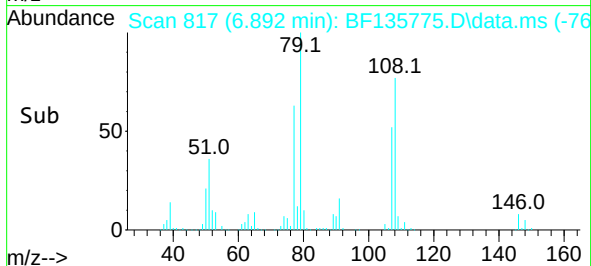
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 79 Resp: 26978
Ion Ratio Lower Upper
79 100
108 77.0 62.0 93.0
77 63.0 50.5 75.7

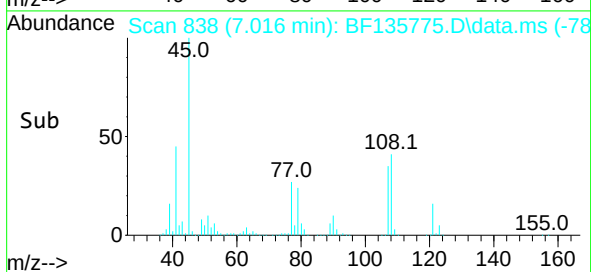
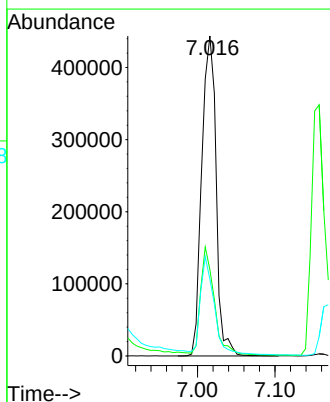
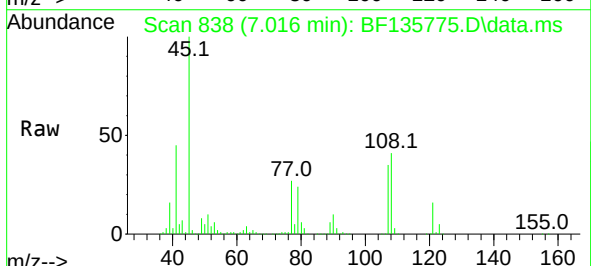
Manual Integrations
APPROVED

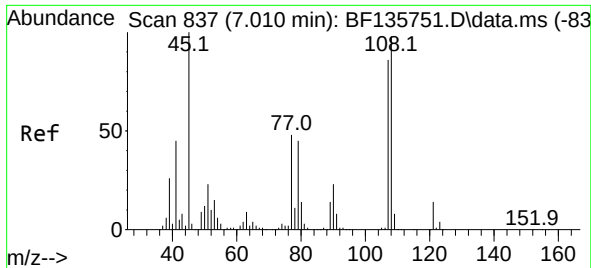
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.615 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

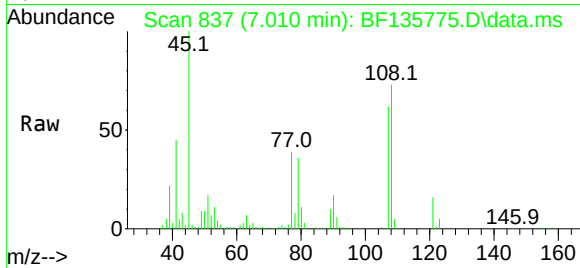
Tgt Ion: 45 Resp: 570664
Ion Ratio Lower Upper
45 100
77 27.0 0.0 39.8
79 24.0 0.0 37.6





#17
2-Methylphenol
Concen: 47.761 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

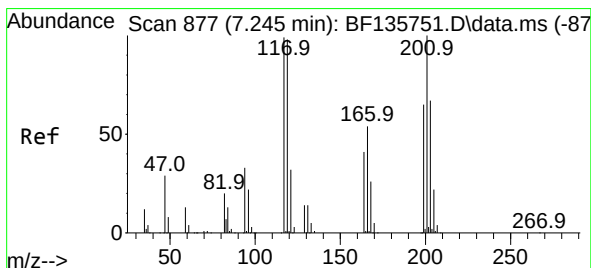
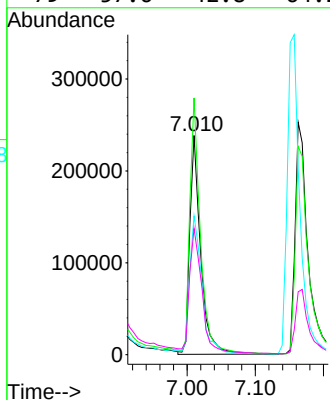
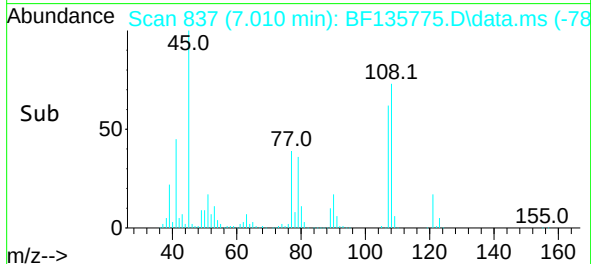
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:107 Resp: 263854
Ion Ratio Lower Upper
107 100
108 117.2 91.8 137.6
77 63.3 45.4 68.0
79 57.6 42.8 64.2

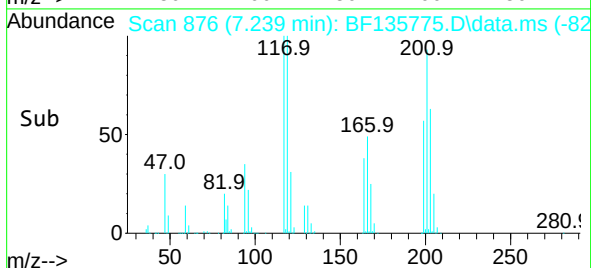
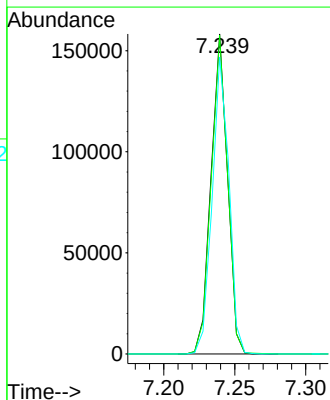
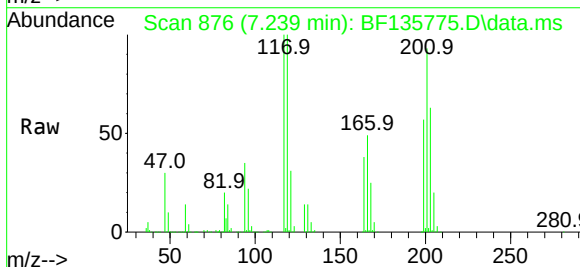
Manual Integrations
APPROVED

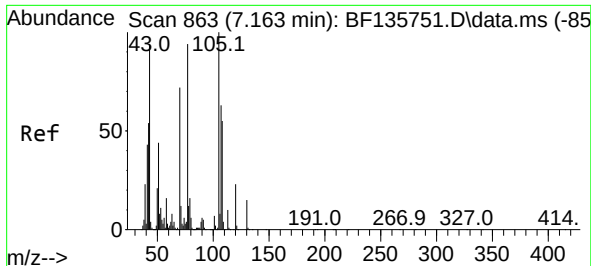
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#18
Hexachloroethane
Concen: 53.693 ng
RT: 7.239 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

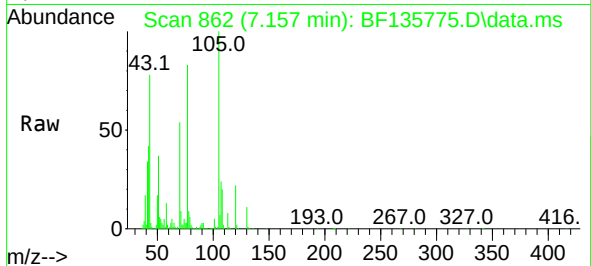
Tgt Ion:117 Resp: 127590
Ion Ratio Lower Upper
117 100
119 99.6 79.5 119.3
201 92.8 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 47.882 ng
RT: 7.157 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

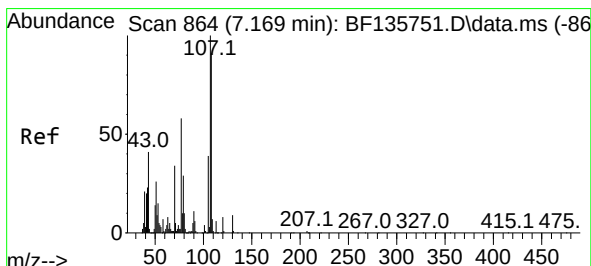
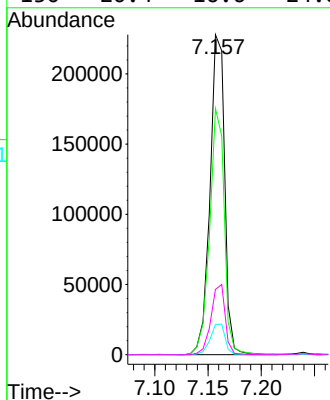
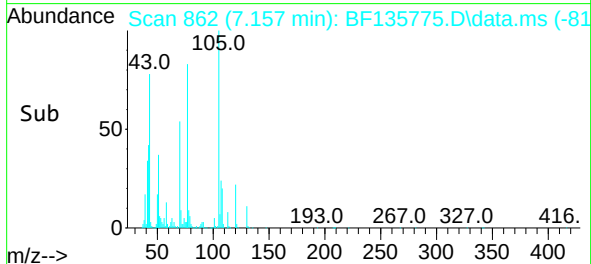
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion: 70 Resp: 21860
Ion Ratio Lower Upper
70 100
42 76.9 59.8 89.6
101 9.5 7.4 11.2
130 20.4 16.6 24.8

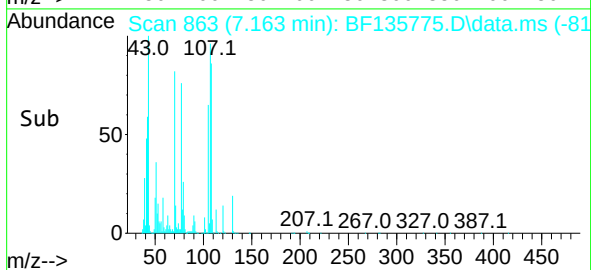
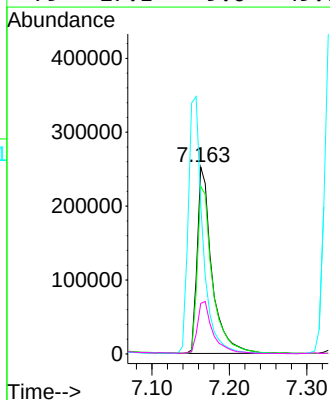
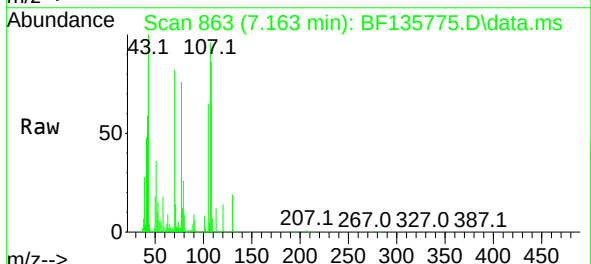
Manual Integrations
APPROVED

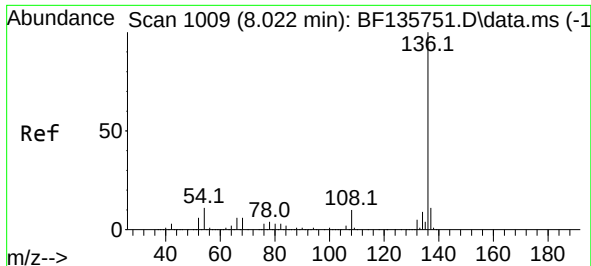
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#20
3+4-Methylphenols
Concen: 48.254 ng
RT: 7.163 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion:107 Resp: 332328
Ion Ratio Lower Upper
107 100
108 89.7 71.1 111.1
77 79.7 42.0 82.0
79 27.1 9.6 49.6





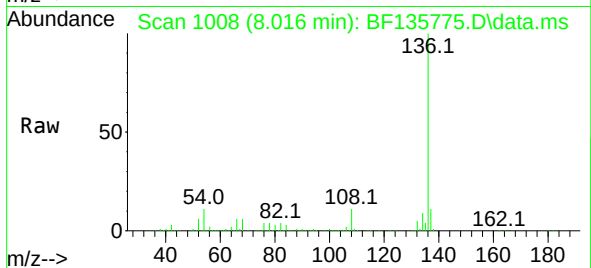
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1009
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

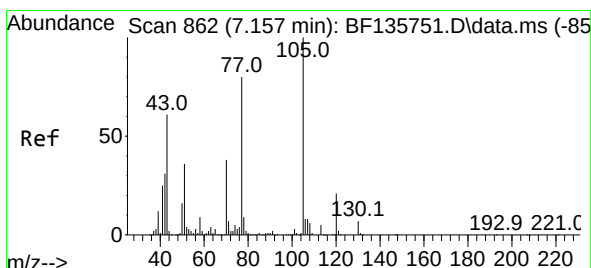
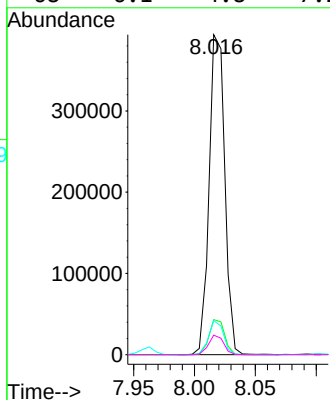
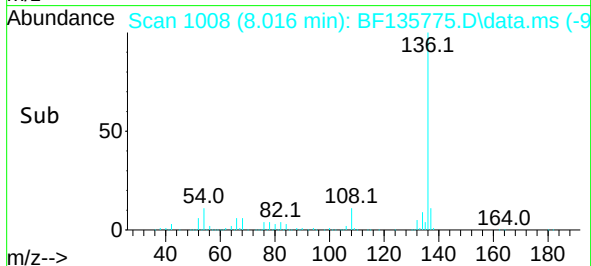


Tgt Ion:136 Resp: 35204
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 10.6 8.5 12.7
68 6.1 4.8 7.2

Manual Integrations

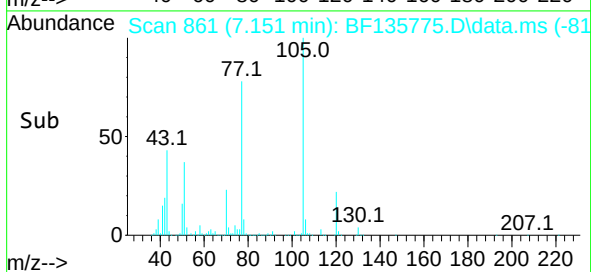
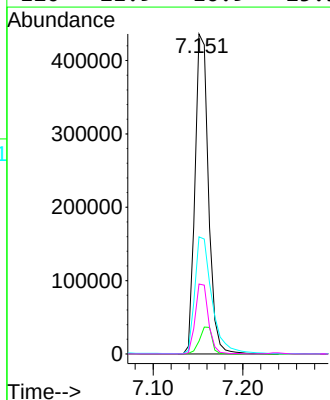
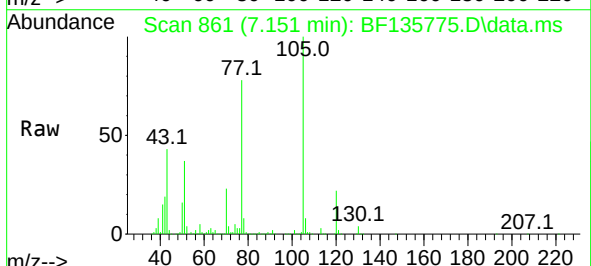
APPROVED

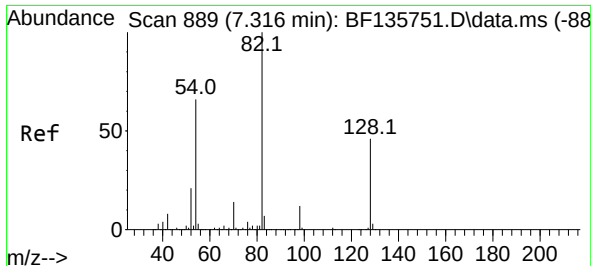
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#22
Acetophenone
Concen: 56.395 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion:105 Resp: 455317
Ion Ratio Lower Upper
105 100
71 4.0 5.4 8.0#
51 36.6 29.4 44.0
120 21.9 16.9 25.3





#23

Nitrobenzene-d5

Concen: 76.265 ng

RT: 7.310 min Scan# 889

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion: 82 Resp: 488159

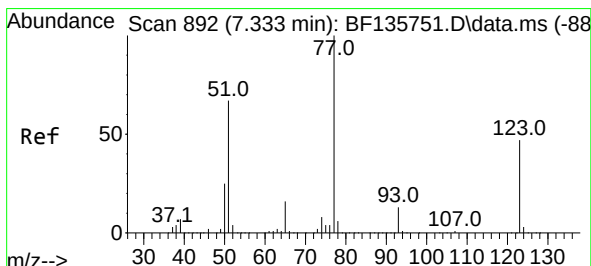
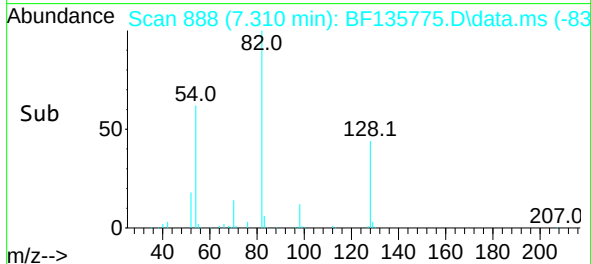
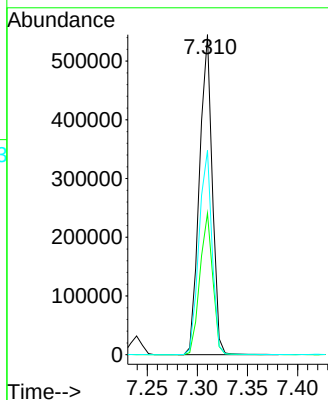
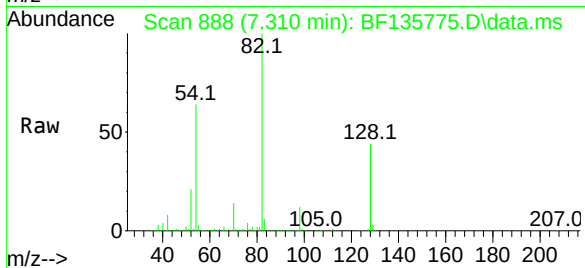
Ion	Ratio	Lower	Upper
82	100		
128	44.2	37.0	55.6
54	63.8	52.8	79.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#24

Nitrobenzene

Concen: 54.728 ng

RT: 7.328 min Scan# 891

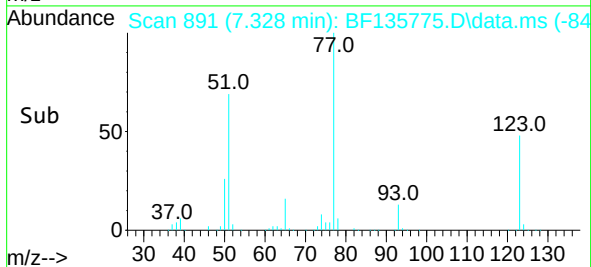
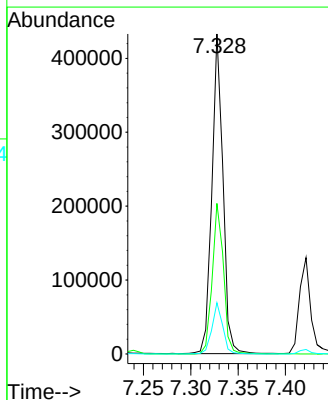
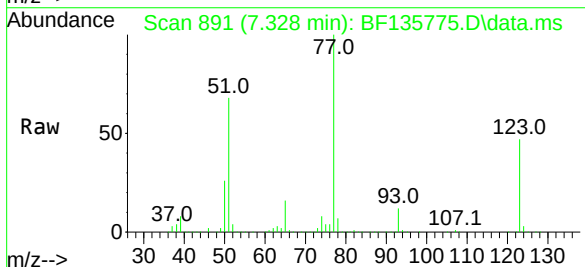
Delta R.T. -0.006 min

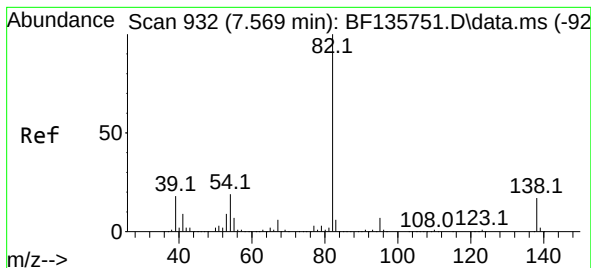
Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion: 77 Resp: 351578

Ion	Ratio	Lower	Upper
77	100		
123	47.0	37.3	55.9
65	16.0	12.6	18.8





#25

Isophorone

Concen: 53.071 ng

RT: 7.563 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

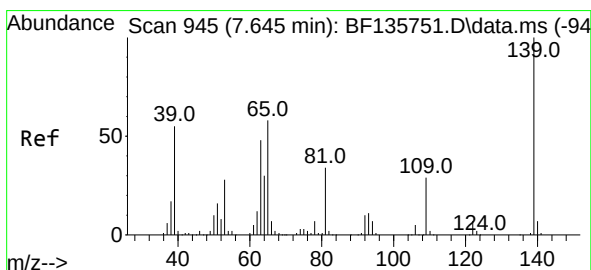
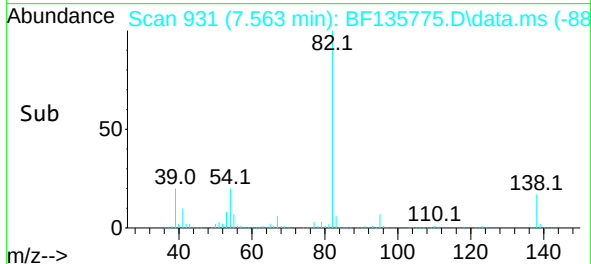
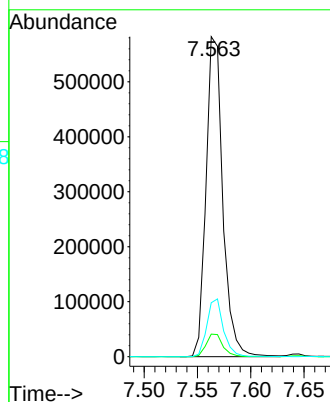
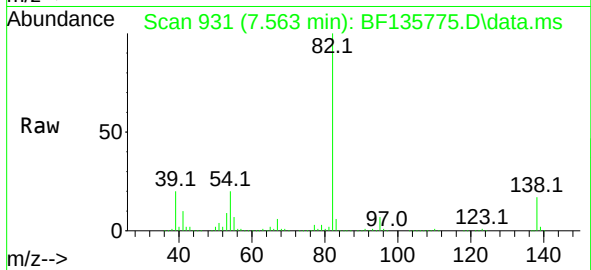
TP-3MS

Tgt Ion: 82 Resp: 640870
 Ion Ratio Lower Upper
 82 100
 95 7.0 5.5 8.3
 138 16.9 13.9 20.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023



#26

2-Nitrophenol

Concen: 57.515 ng

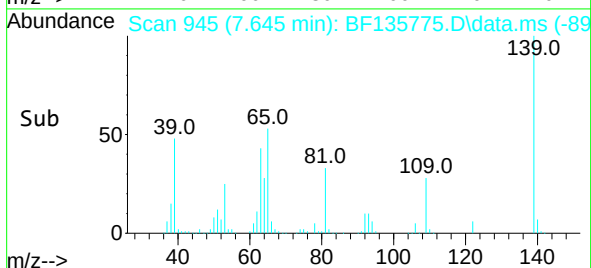
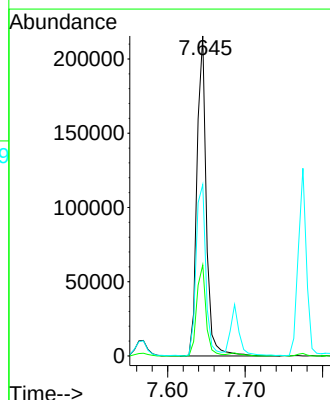
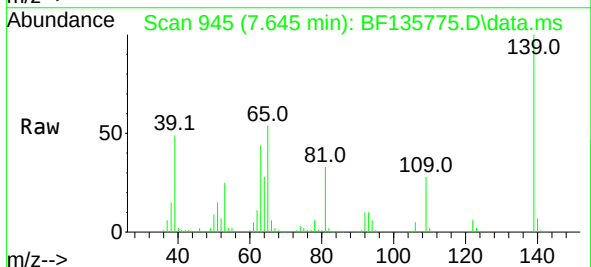
RT: 7.645 min Scan# 945

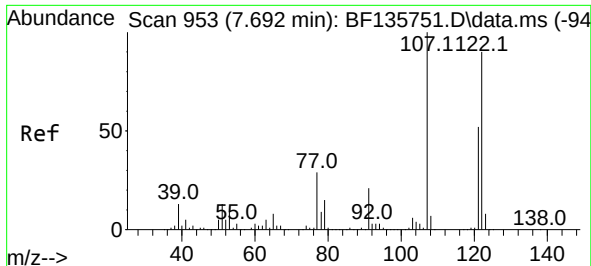
Delta R.T. -0.000 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion:139 Resp: 180311
 Ion Ratio Lower Upper
 139 100
 109 28.5 23.0 34.4
 65 53.6 46.0 69.0





#27

2,4-Dimethylphenol

Concen: 47.588 ng

RT: 7.686 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

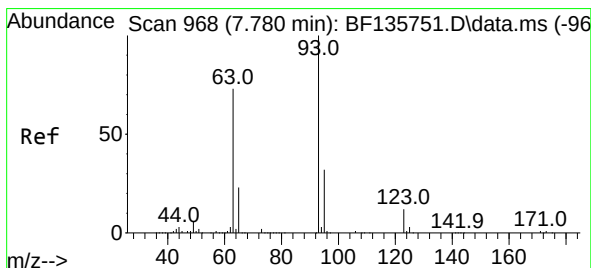
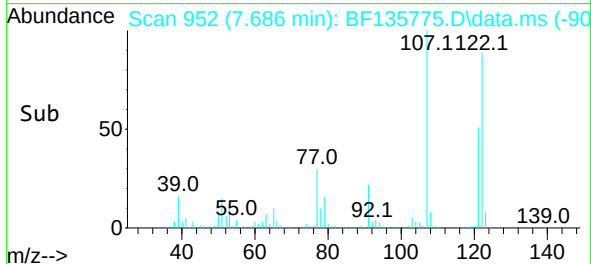
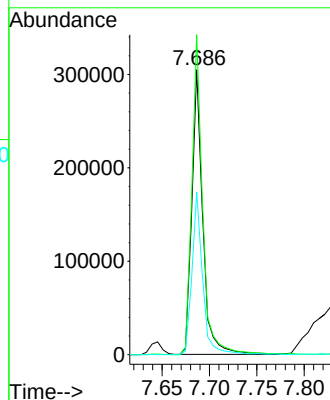
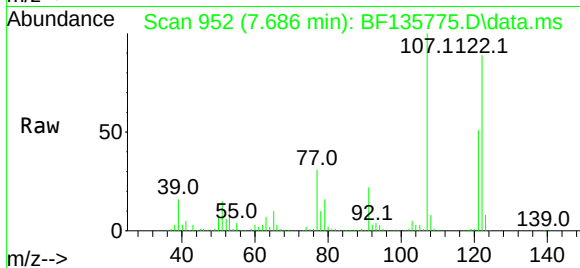
Tgt Ion:122 Resp: 245600
 Ion Ratio Lower Upper
 122 100
 107 112.3 88.2 132.4
 121 57.0 45.5 68.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#28

bis(2-Chloroethoxy)methane

Concen: 55.165 ng

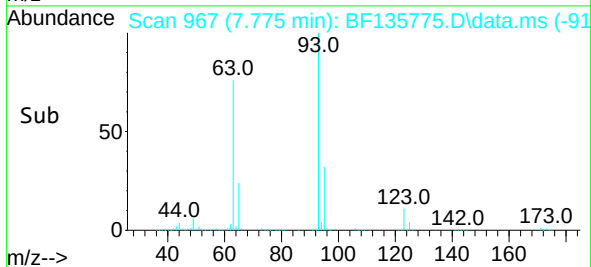
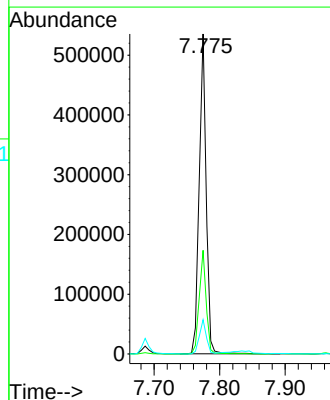
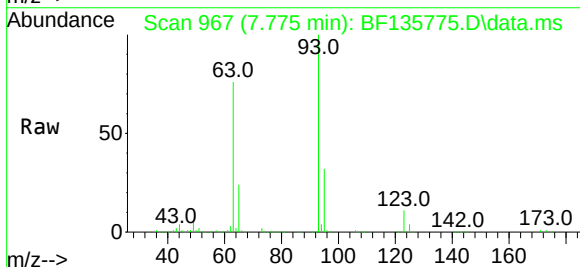
RT: 7.775 min Scan# 967

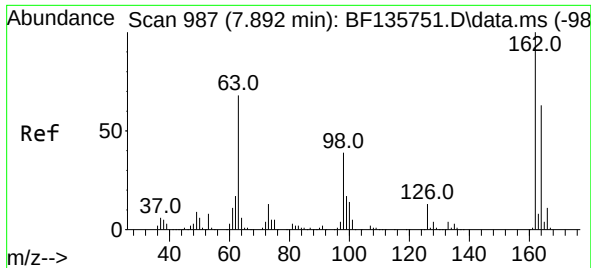
Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion: 93 Resp: 396720
 Ion Ratio Lower Upper
 93 100
 95 32.4 25.7 38.5
 123 10.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 56.411 ng

RT: 7.892 min Scan# 987

Delta R.T. -0.000 min

Lab File: BF135775.D

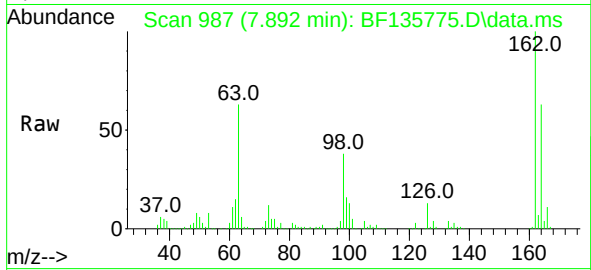
Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS



Tgt Ion:162 Resp: 27283

Ion Ratio Lower Upper

162 100

164 63.0 43.4 83.4

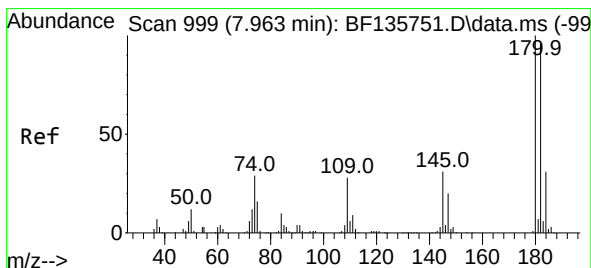
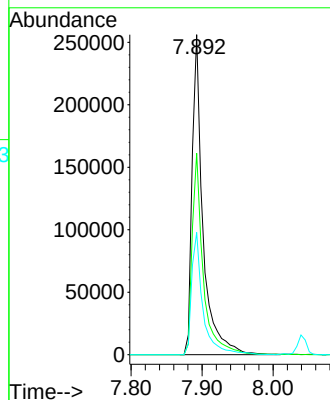
98 38.2 19.0 59.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#30

1,2,4-Trichlorobenzene

Concen: 56.568 ng

RT: 7.963 min Scan# 999

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

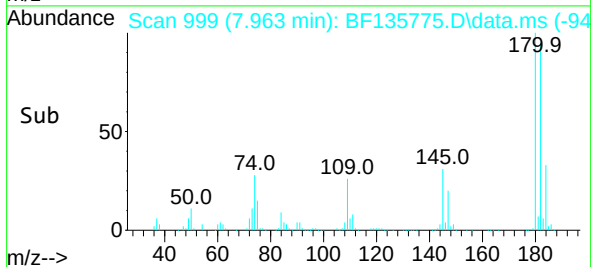
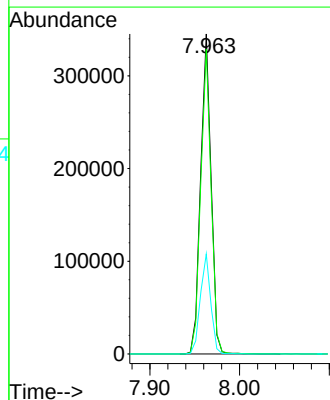
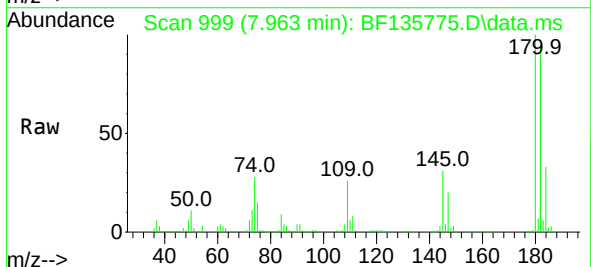
Tgt Ion:180 Resp: 279828

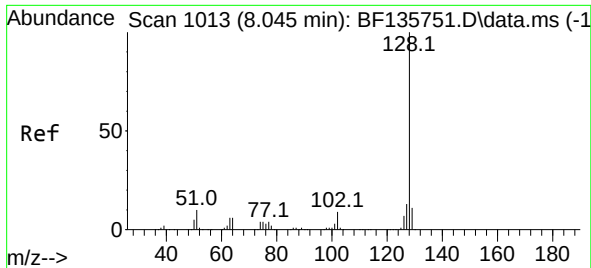
Ion Ratio Lower Upper

180 100

182 95.2 76.4 114.6

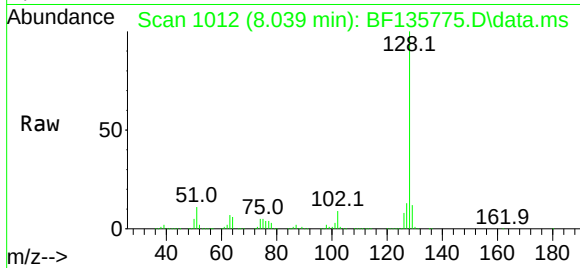
145 31.3 25.0 37.6





#31
Naphthalene
Concen: 54.060 ng
RT: 8.039 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

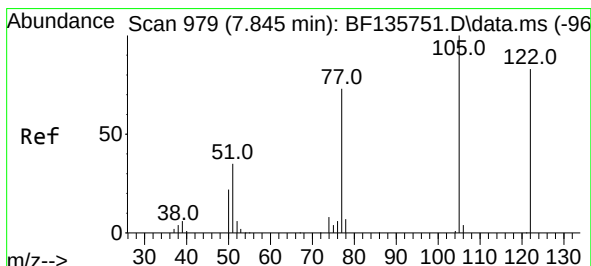
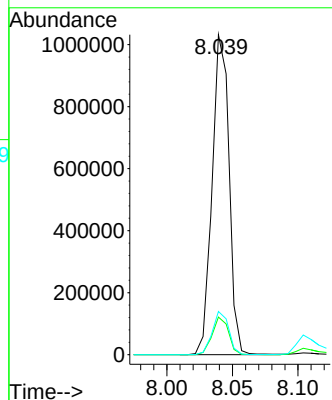
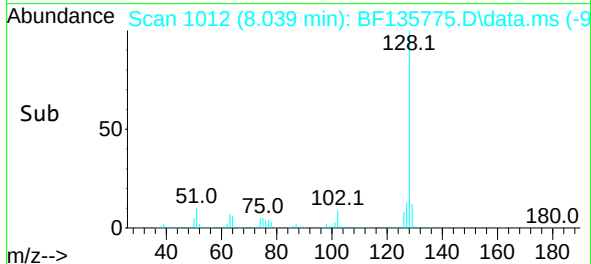
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:128 Resp: 928270
Ion Ratio Lower Upper
128 100
129 11.7 8.7 13.1
127 13.5 10.2 15.4

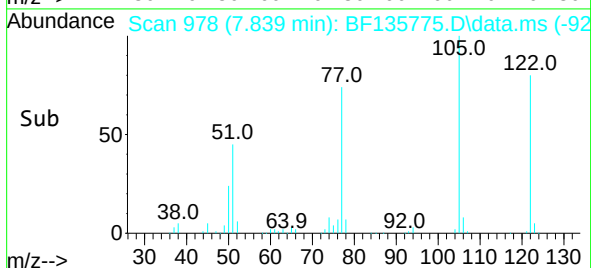
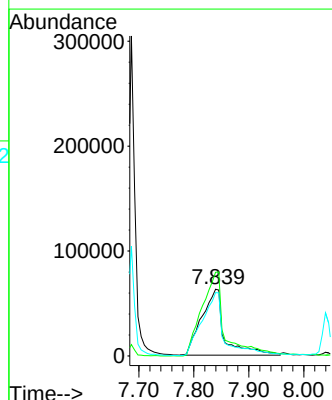
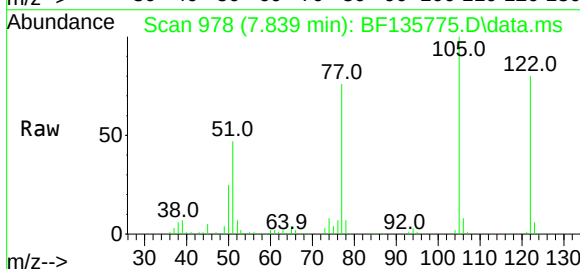
Manual Integrations
APPROVED

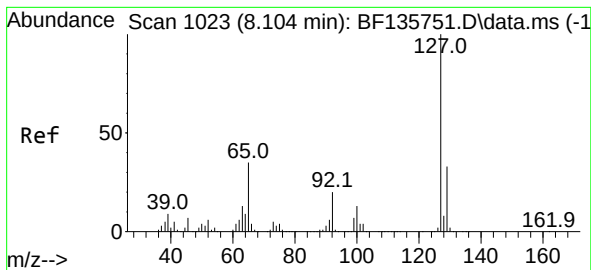
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#32
Benzoic acid
Concen: 52.104 ng
RT: 7.839 min Scan# 978
Delta R.T. -0.012 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion:122 Resp: 182023
Ion Ratio Lower Upper
122 100
105 125.3 98.7 138.7
77 94.8 67.8 107.8





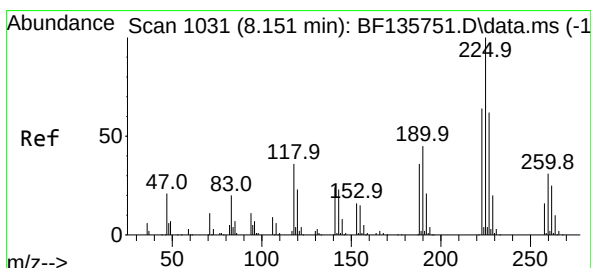
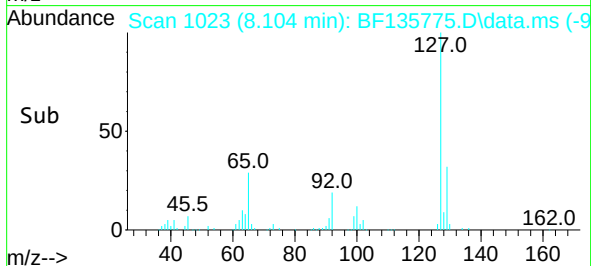
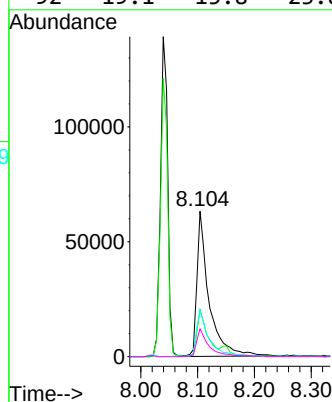
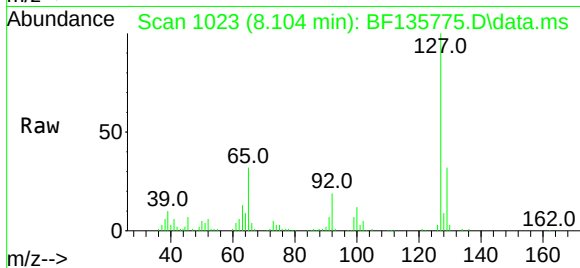
#33
4-Chloroaniline
Concen: 12.468 ng
RT: 8.104 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:	127	Resp:	9352
Ion Ratio	Lower	Upper	
127	100		
129	32.3	26.5	39.7
65	31.6	27.9	41.9
92	19.1	15.8	23.8

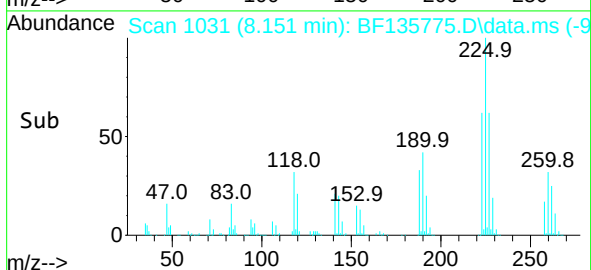
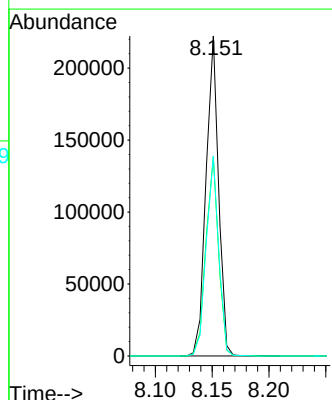
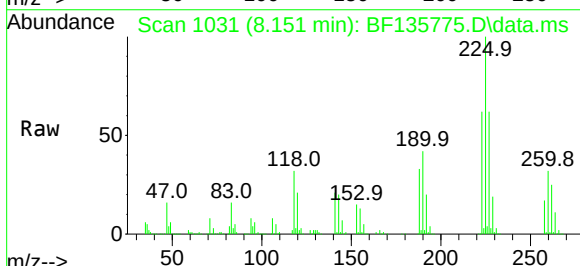
Manual Integrations
APPROVED

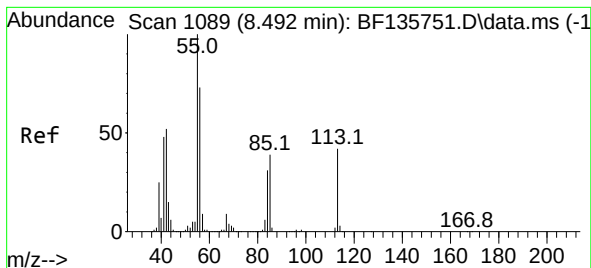
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#34
Hexachlorobutadiene
Concen: 58.206 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion:	225	Resp:	170428
Ion Ratio	Lower	Upper	
225	100		
223	62.2	51.1	76.7
227	62.4	49.7	74.5





#35

Caprolactam

Concen: 58.425 ng m

RT: 8.492 min Scan# 1089

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:113 Resp: 96600

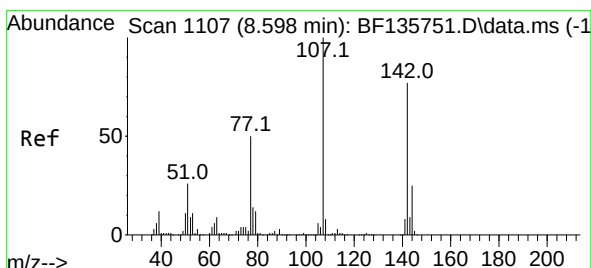
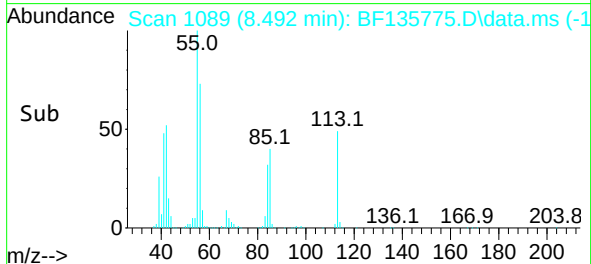
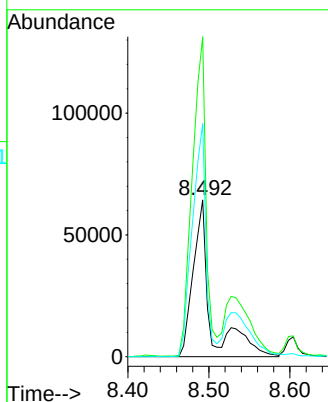
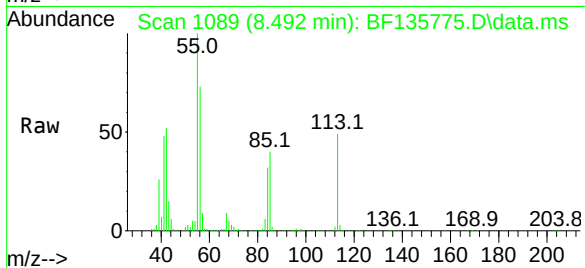
Ion	Ratio	Lower	Upper
113	100		
55	204.1	217.4	257.4
56	148.6	153.1	193.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#36

4-Chloro-3-methylphenol

Concen: 55.114 ng

RT: 8.604 min Scan# 1108

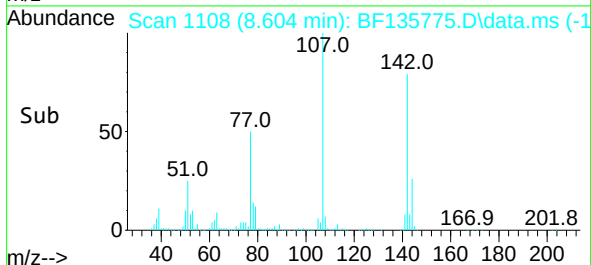
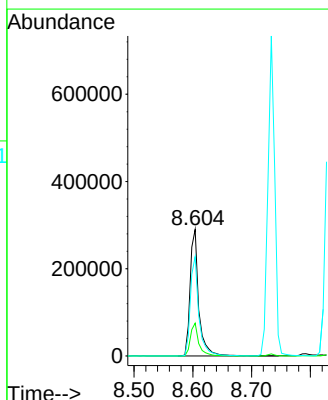
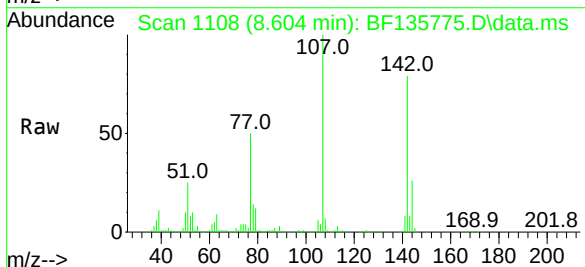
Delta R.T. 0.006 min

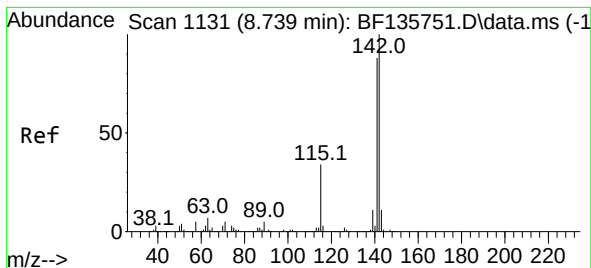
Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion:107 Resp: 295607

Ion	Ratio	Lower	Upper
107	100		
144	25.9	19.8	29.8
142	78.6	61.3	91.9





#37

2-Methylnaphthalene

Concen: 52.211 ng

RT: 8.733 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:142 Resp: 590678

Ion Ratio Lower Upper

142 100

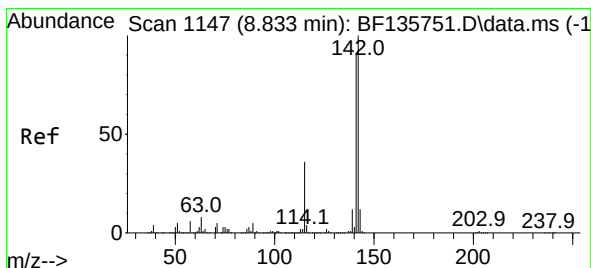
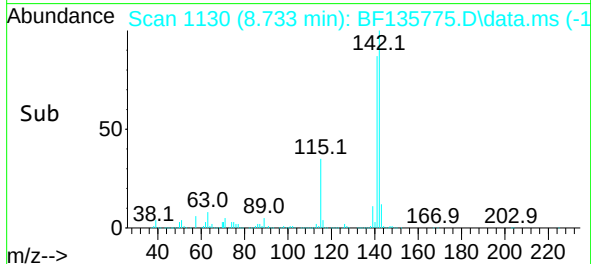
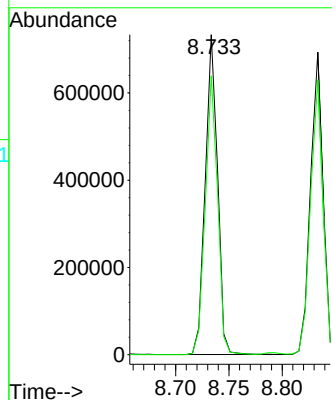
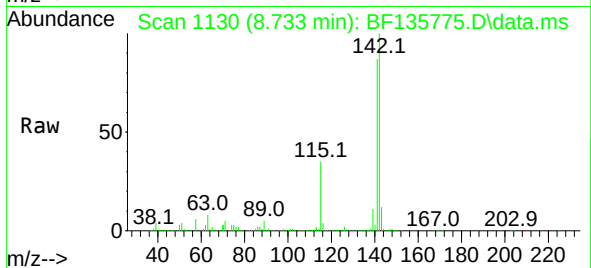
141 87.1 70.6 105.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#38

1-Methylnaphthalene

Concen: 54.350 ng

RT: 8.833 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF135775.D

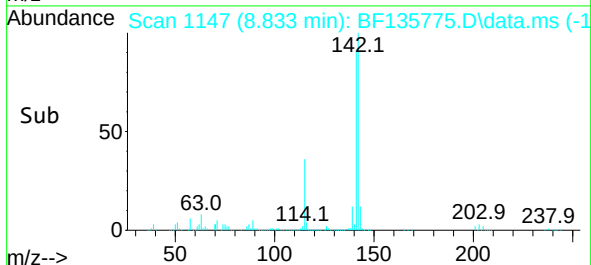
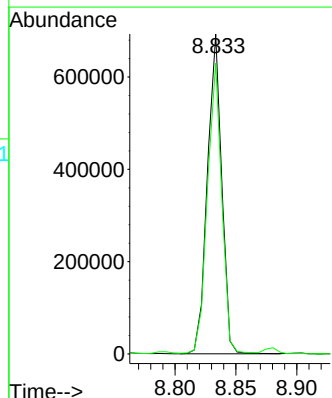
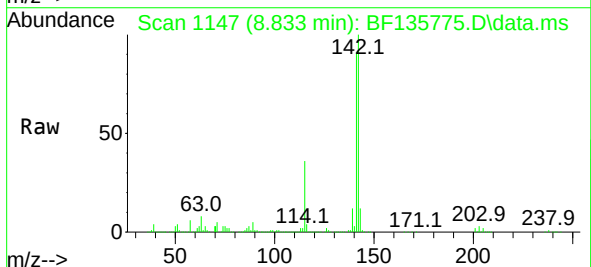
Acq: 16 Oct 2023 14:14

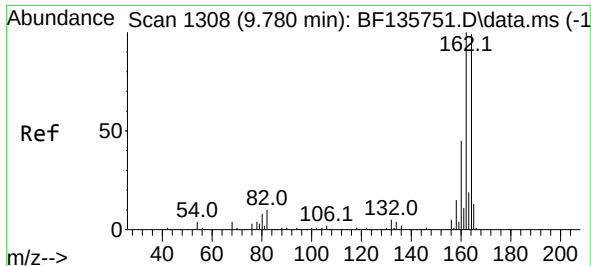
Tgt Ion:142 Resp: 567122

Ion Ratio Lower Upper

142 100

141 90.9 72.7 109.1





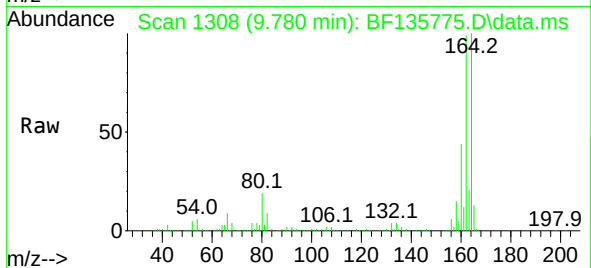
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

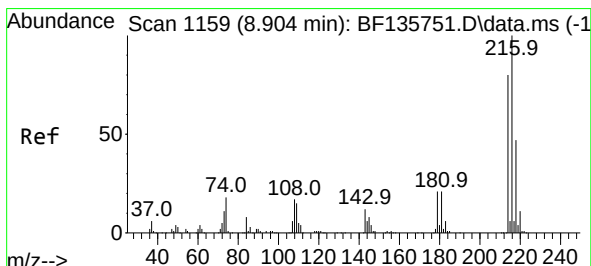
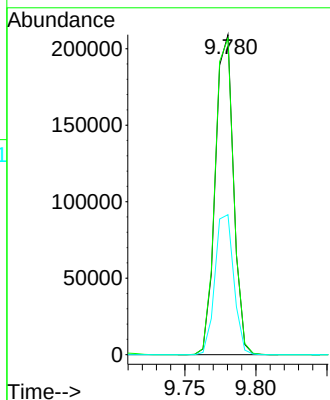
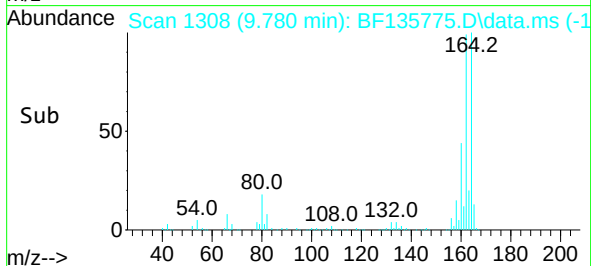


Tgt Ion:164 Resp: 186210
Ion Ratio Lower Upper
164 100
162 98.8 80.8 121.2
160 43.8 36.6 54.8

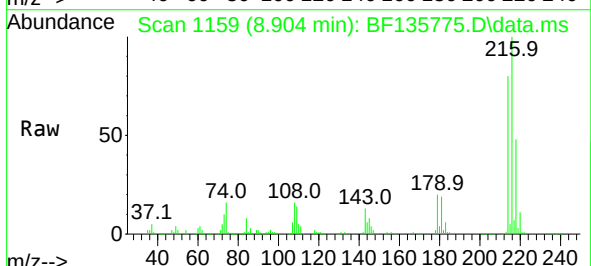
Manual Integrations

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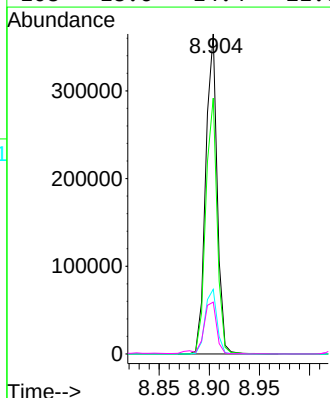
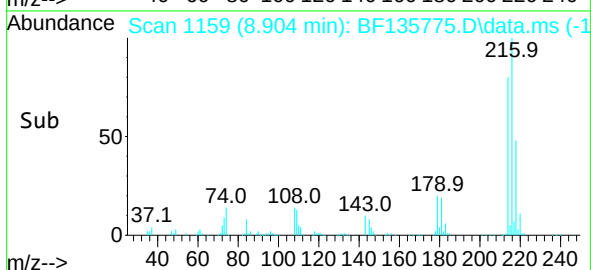
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

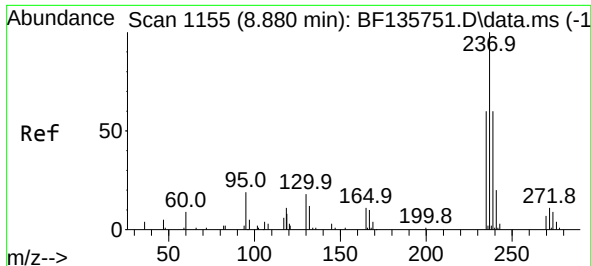


#40
1,2,4,5-Tetrachlorobenzene
Concen: 54.350 ng
RT: 8.904 min Scan# 1159
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



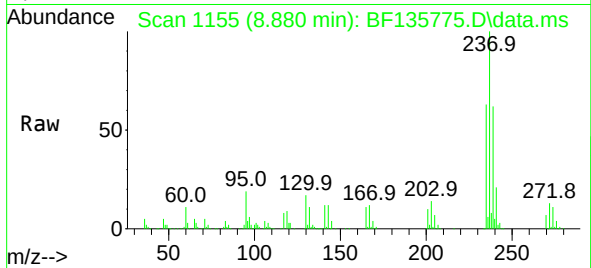
Tgt Ion:216 Resp: 291131
Ion Ratio Lower Upper
216 100
214 79.4 64.0 96.0
179 20.9 16.9 25.3
108 18.6 14.4 21.6





#41
Hexachlorocyclopentadiene
Concen: 74.016 ng
RT: 8.880 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

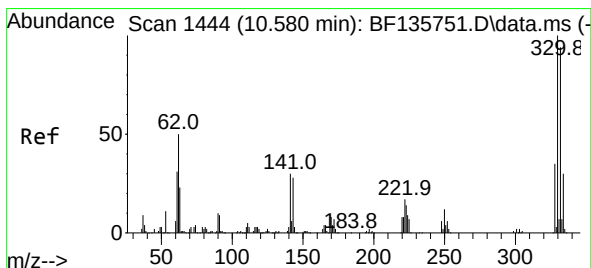
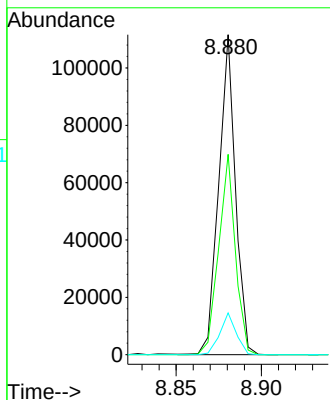
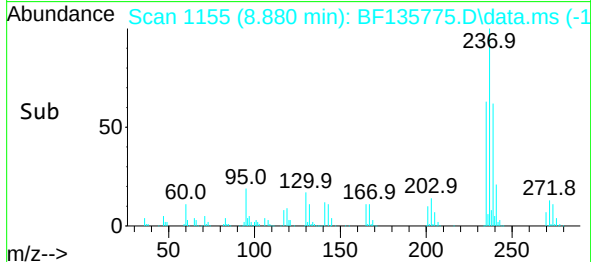
Instrument :
BNA_F
ClientSampleId :
TP-3MS



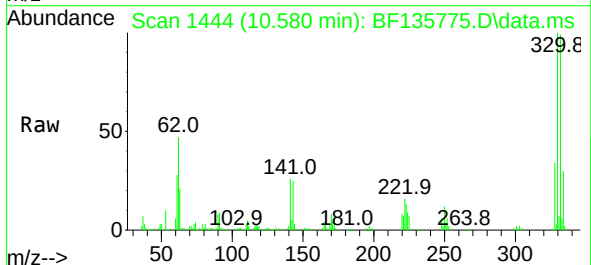
Tgt Ion:237 Resp: 7640
Ion Ratio Lower Upper
237 100
235 62.6 40.0 80.0
272 13.0 0.0 30.9

Manual Integrations
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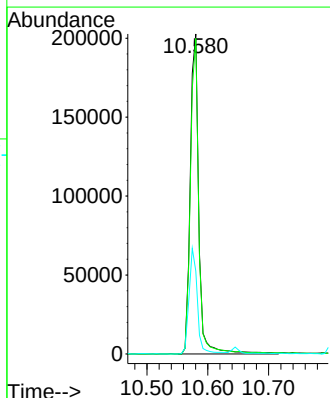
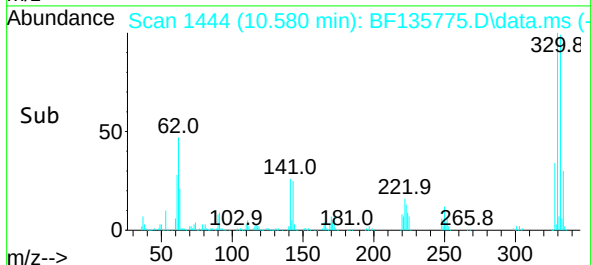
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

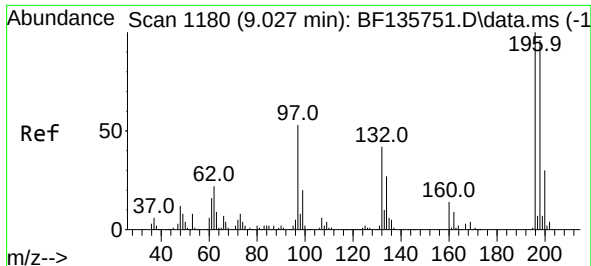


#42
2,4,6-Tribromophenol
Concen: 110.249 ng
RT: 10.580 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



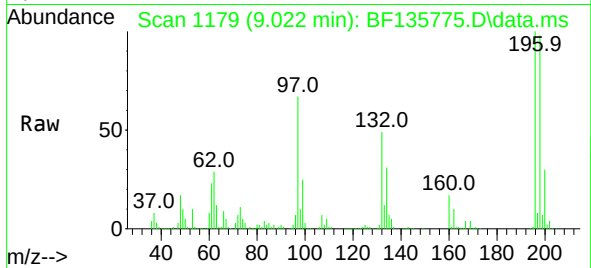
Tgt Ion:330 Resp: 197003
Ion Ratio Lower Upper
330 100
332 95.3 75.0 112.4
141 31.9 25.8 38.6





#43
2,4,6-Trichlorophenol
Concen: 52.569 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

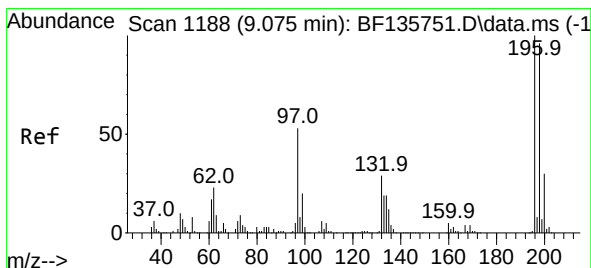
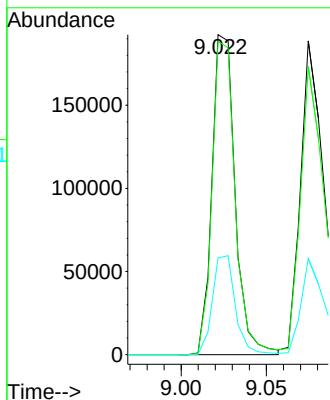
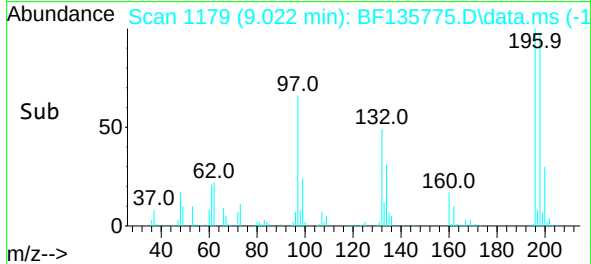
Instrument :
BNA_F
ClientSampleId :
TP-3MS



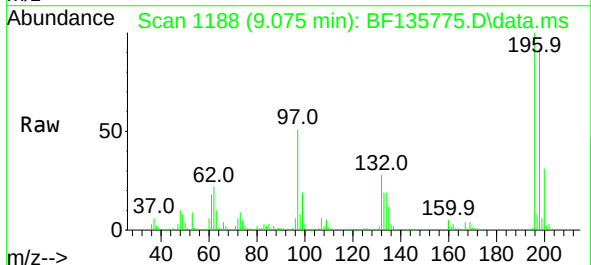
Tgt Ion:196 Resp: 181458
Ion Ratio Lower Upper
196 100
198 97.9 76.7 115.1
200 30.2 24.2 36.4

Manual Integrations
APPROVED

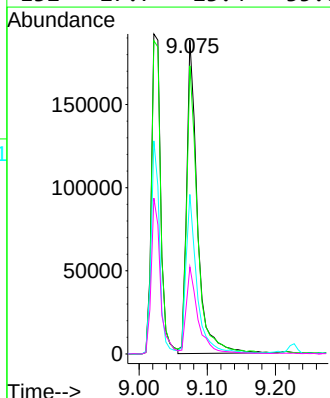
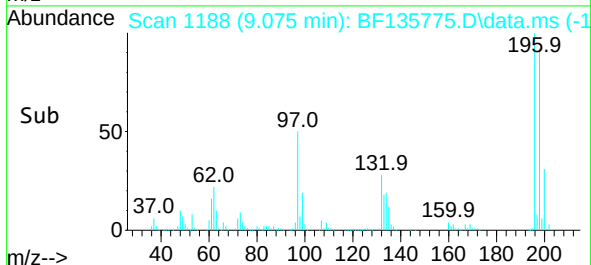
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

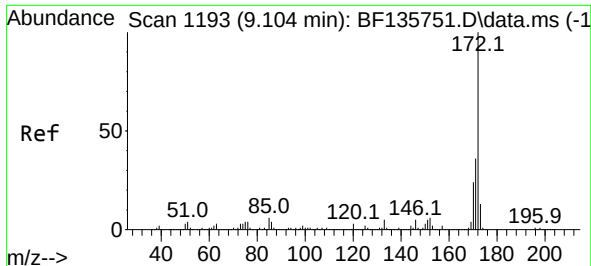


#44
2,4,5-Trichlorophenol
Concen: 50.861 ng
RT: 9.075 min Scan# 1188
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



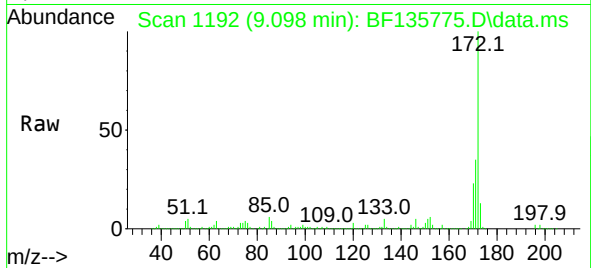
Tgt Ion:196 Resp: 204198
Ion Ratio Lower Upper
196 100
198 91.8 77.0 115.6
97 50.8 42.2 63.2
132 27.7 23.4 35.0





#45
2-Fluorobiphenyl
Concen: 72.796 ng
RT: 9.098 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

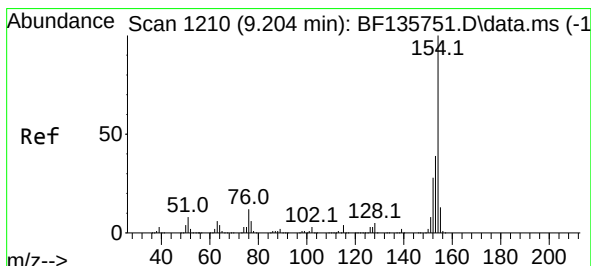
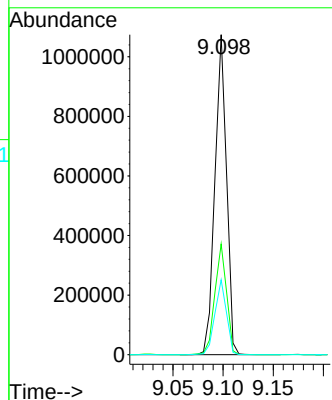
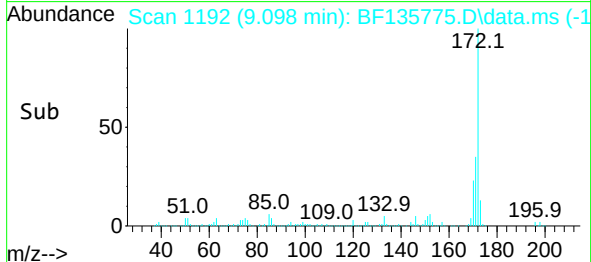
Instrument :
BNA_F
ClientSampleId :
TP-3MS



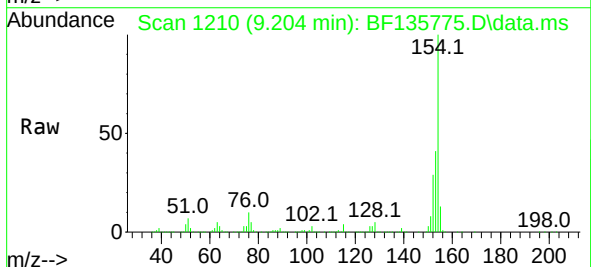
Tgt Ion:172 Resp: 867011
Ion Ratio Lower Upper
172 100
171 34.6 28.4 42.6
170 23.4 18.8 28.2

Manual Integrations
APPROVED

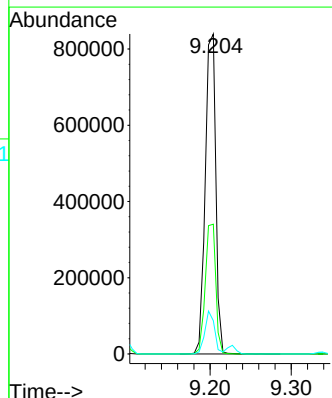
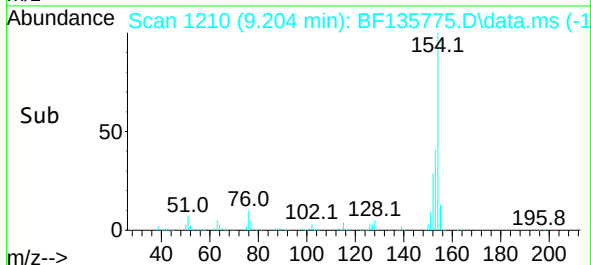
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

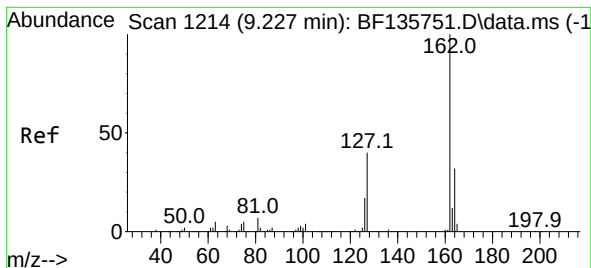


#46
1,1'-Biphenyl
Concen: 52.815 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion:154 Resp: 753374
Ion Ratio Lower Upper
154 100
153 40.6 19.4 59.4
76 10.4 0.0 31.7





#47

2-Chloronaphthalene

Concen: 54.422 ng

RT: 9.227 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

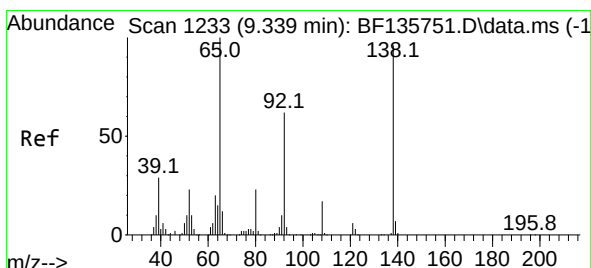
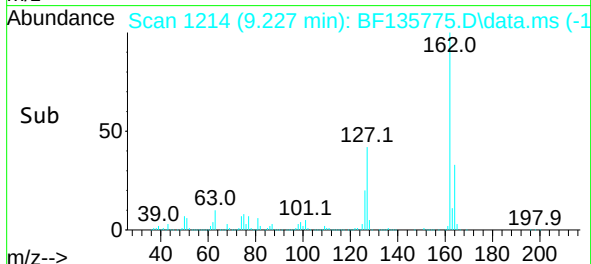
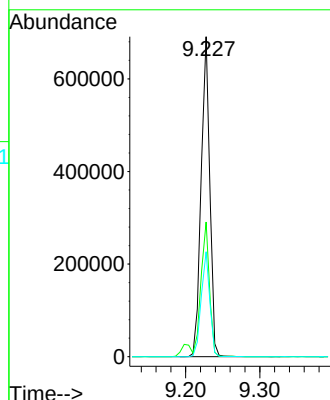
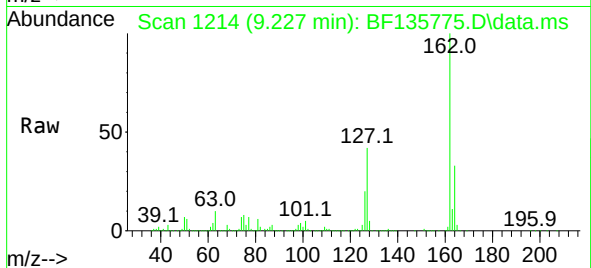
Tgt Ion:162 Resp: 559479
 Ion Ratio Lower Upper
 162 100
 127 42.1 34.7 52.1
 164 32.8 25.6 38.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#48

2-Nitroaniline

Concen: 54.169 ng

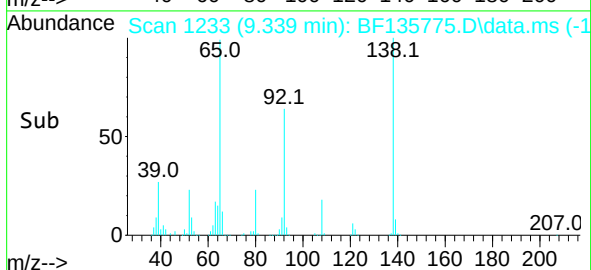
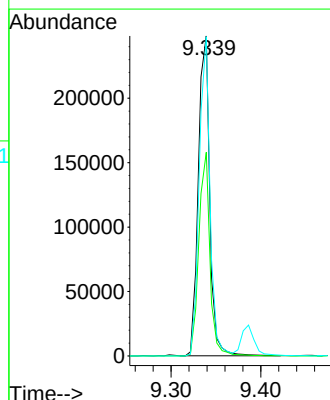
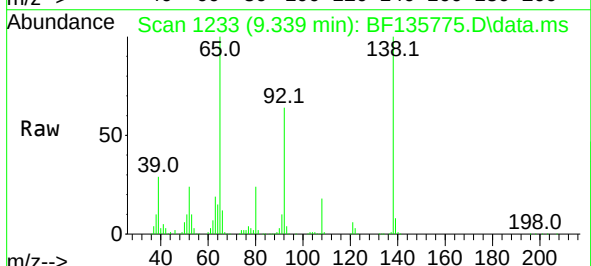
RT: 9.339 min Scan# 1233

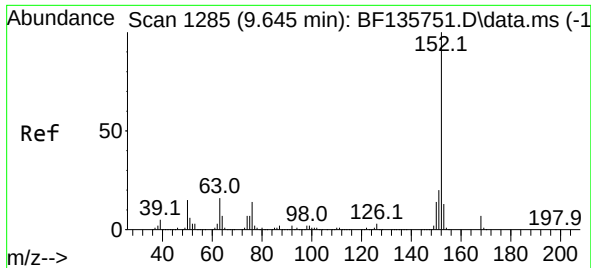
Delta R.T. -0.000 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

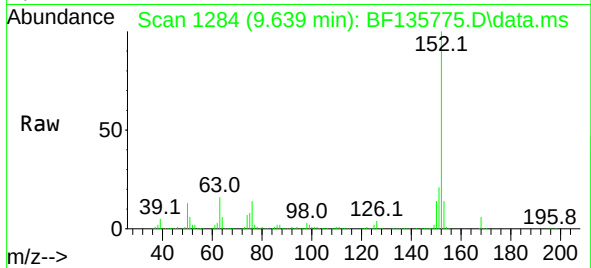
Tgt Ion: 65 Resp: 219810
 Ion Ratio Lower Upper
 65 100
 92 63.6 49.4 74.0
 138 99.8 76.6 114.8





#49
Acenaphthylene
Concen: 54.285 ng
RT: 9.639 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

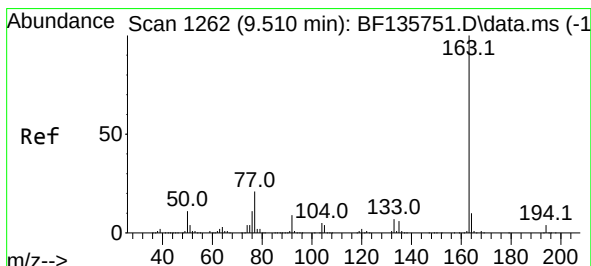
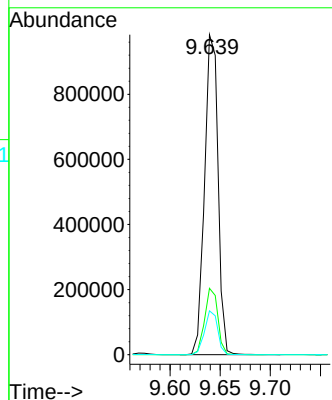
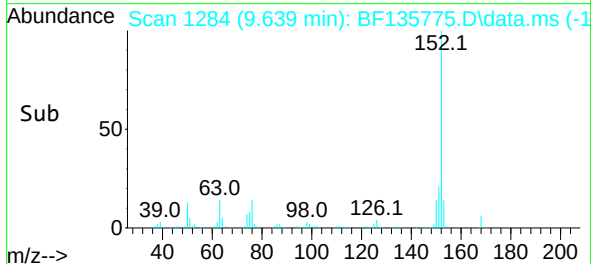
Instrument :
BNA_F
ClientSampleId :
TP-3MS



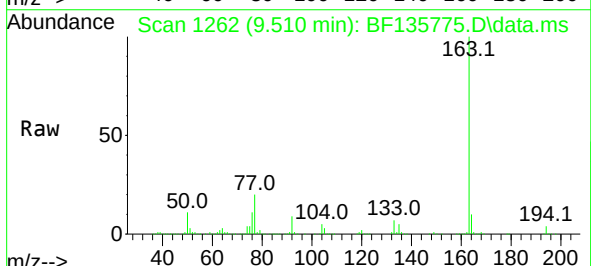
Tgt Ion:152 Resp: 92353
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.7 10.2 15.4

Manual Integrations
APPROVED

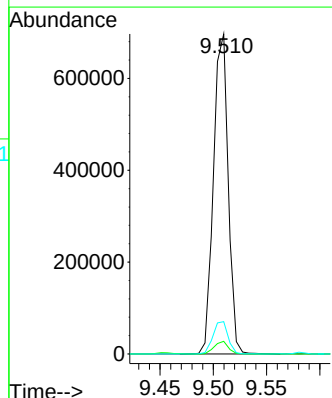
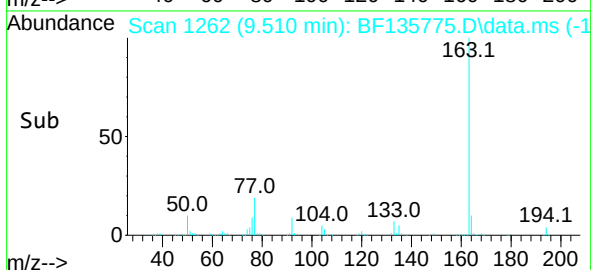
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

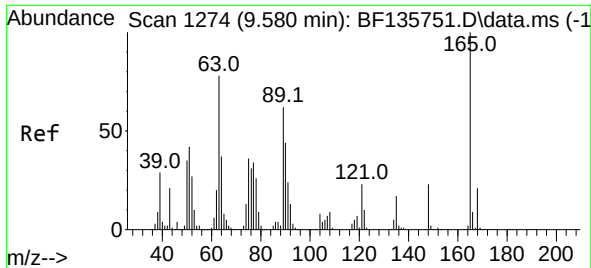


#50
Dimethylphthalate
Concen: 53.284 ng
RT: 9.510 min Scan# 1262
Delta R.T. -0.000 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



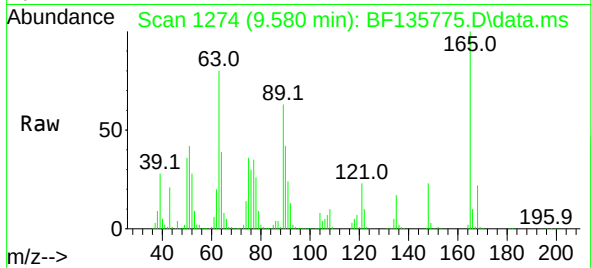
Tgt Ion:163 Resp: 669821
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 53.763 ng
RT: 9.580 min Scan# 1274
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

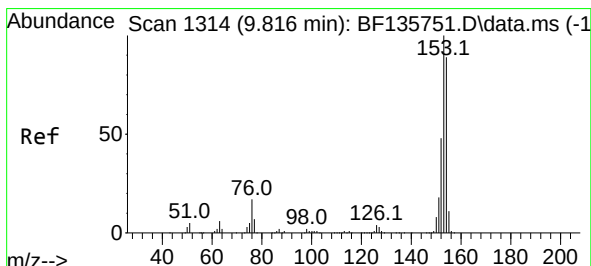
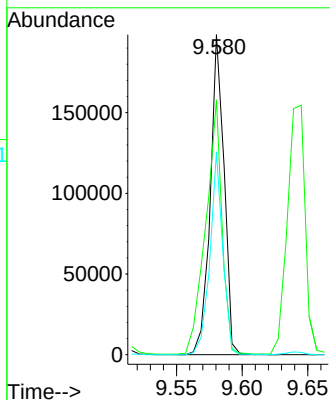
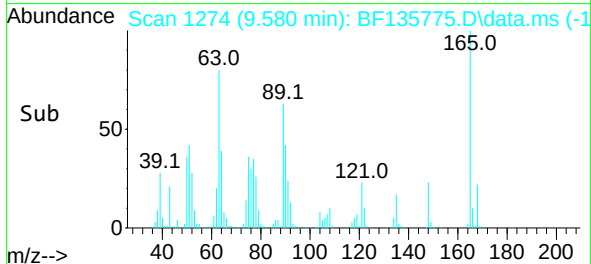
Instrument :
BNA_F
ClientSampleId :
TP-3MS



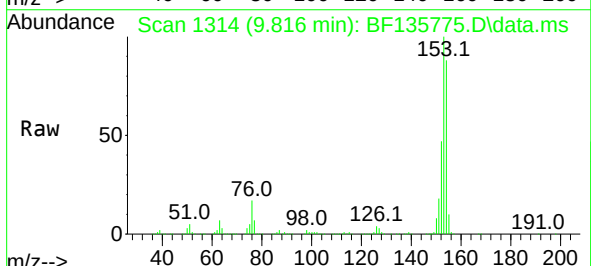
Tgt Ion:165 Resp: 145337
Ion Ratio Lower Upper
165 100
63 79.7 62.2 93.4
89 63.4 49.6 74.4

Manual Integrations
APPROVED

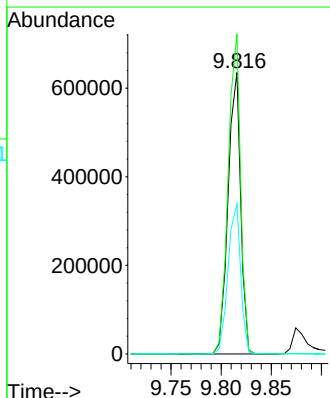
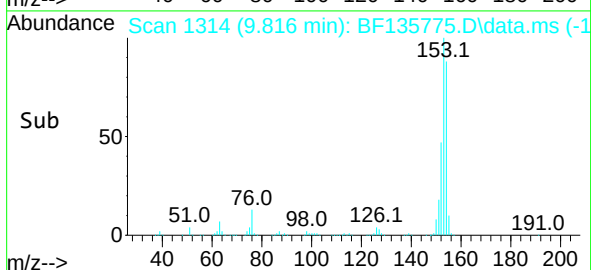
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

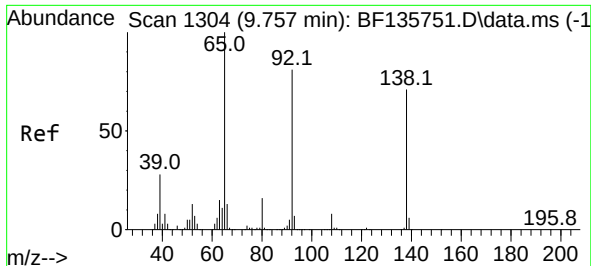


#52
Acenaphthene
Concen: 54.344 ng
RT: 9.816 min Scan# 1314
Delta R.T. -0.000 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



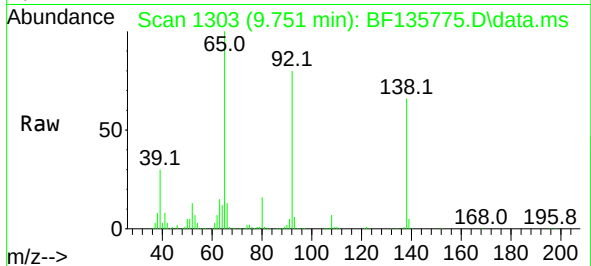
Tgt Ion:154 Resp: 554156
Ion Ratio Lower Upper
154 100
153 113.7 90.1 135.1
152 53.3 43.1 64.7





#53
3-Nitroaniline
Concen: 37.933 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

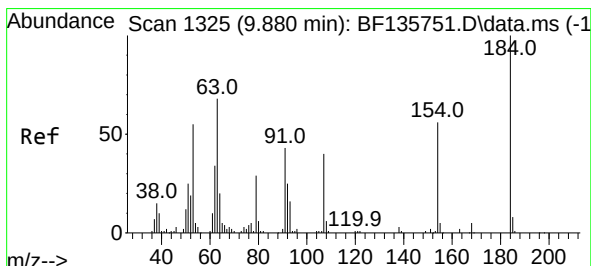
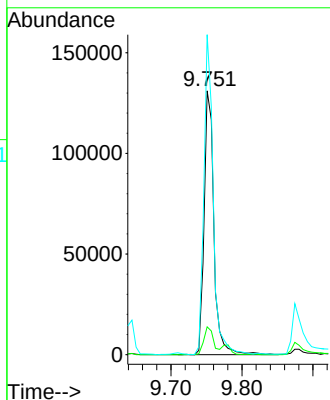
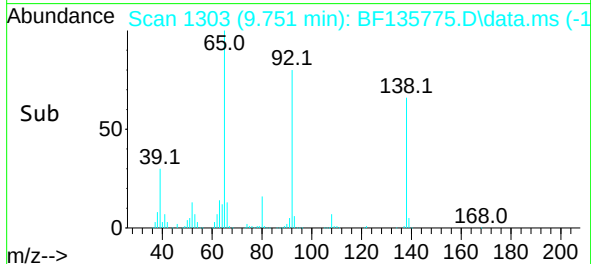
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:138 Resp: 125704
Ion Ratio Lower Upper
138 100
108 10.6 8.6 13.0
92 121.3 91.3 136.9

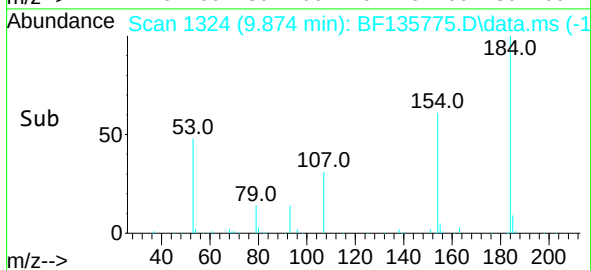
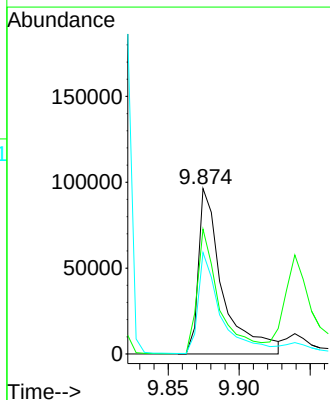
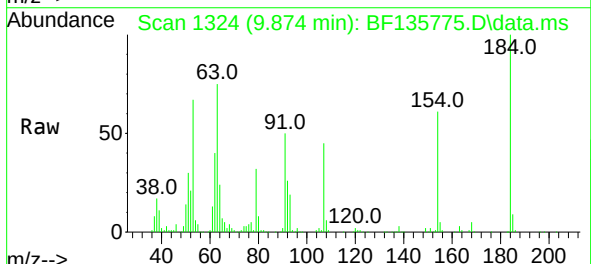
Manual Integrations
APPROVED

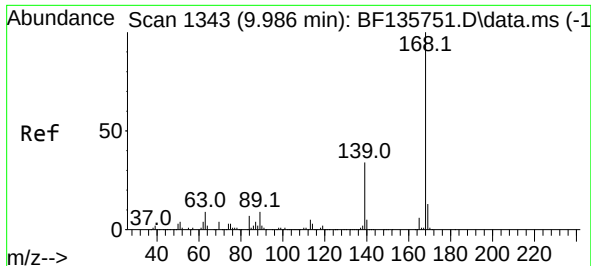
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#54
2,4-Dinitrophenol
Concen: 101.605 ng
RT: 9.874 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

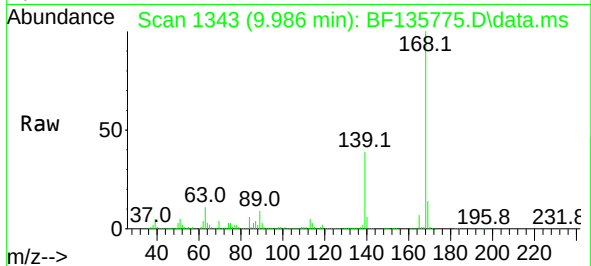
Tgt Ion:184 Resp: 114654
Ion Ratio Lower Upper
184 100
63 75.5 54.6 81.8
154 61.3 45.0 67.4





#55
Dibenzenofuran
Concen: 52.461 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

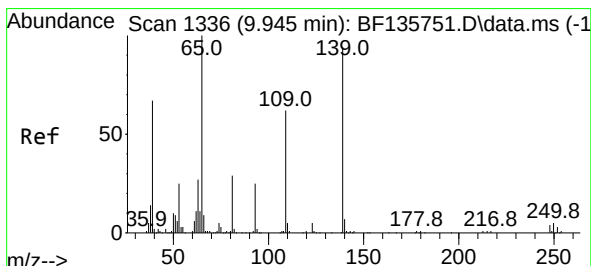
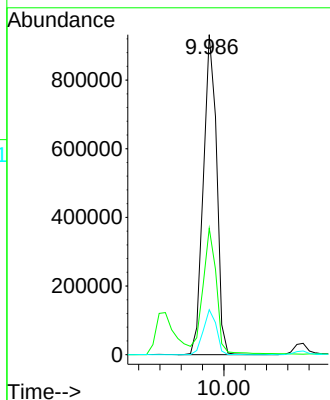
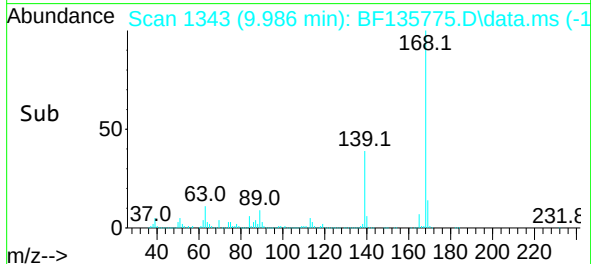
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:168 Resp: 80717
Ion Ratio Lower Upper
168 100
139 39.5 31.0 46.4
169 14.1 10.7 16.1

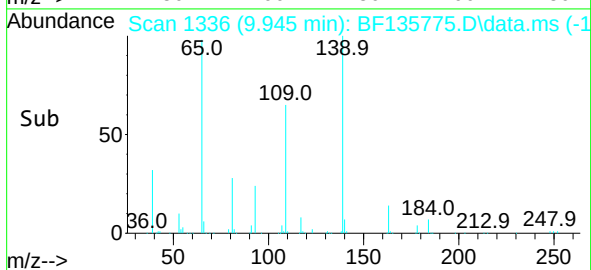
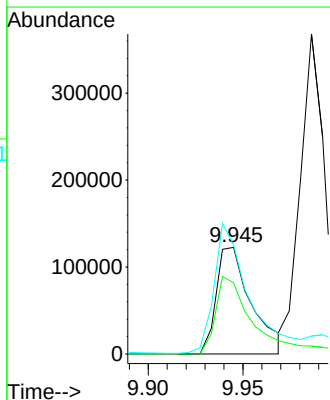
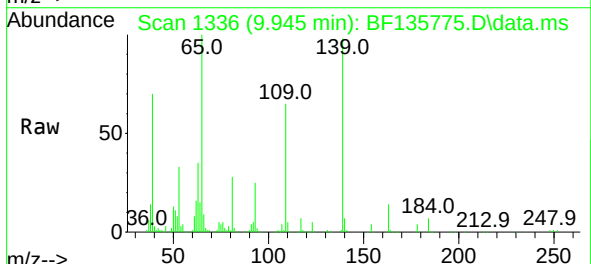
Manual Integrations
APPROVED

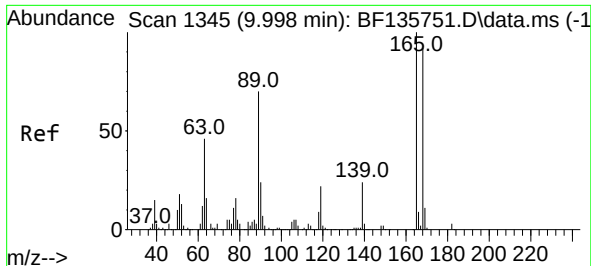
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#56
4-Nitrophenol
Concen: 102.463 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.000 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion:139 Resp: 158089
Ion Ratio Lower Upper
139 100
109 66.8 45.6 85.6
65 102.4 87.5 127.5





#57

2,4-Dinitrotoluene

Concen: 53.741 ng

RT: 9.998 min Scan# 1345

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

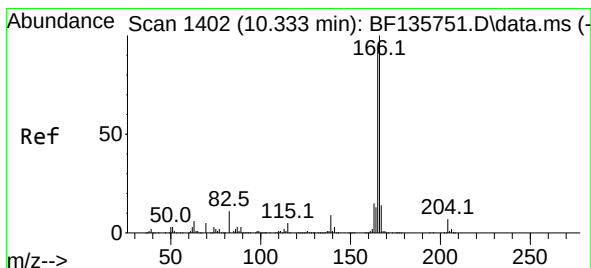
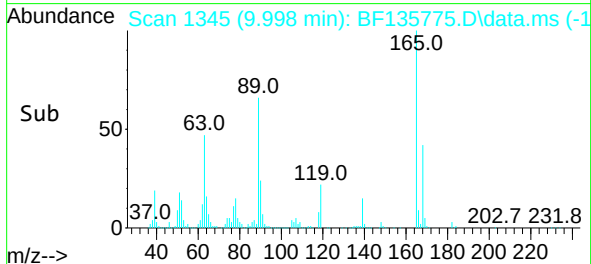
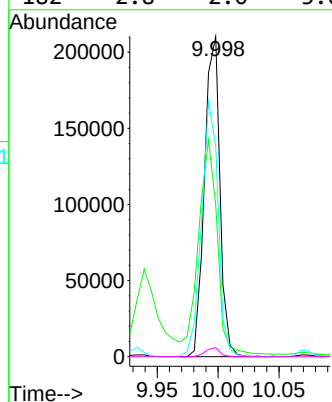
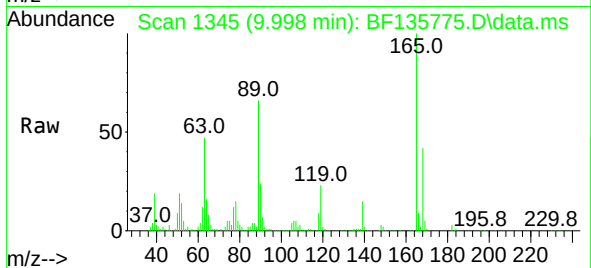
Tgt Ion:165	Resp: 184824
Ion Ratio	Lower Upper
165 100	
63 47.4	39.0 58.4
89 65.8	55.9 83.9
182 2.8	2.0 3.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#58

Fluorene

Concen: 53.518 ng

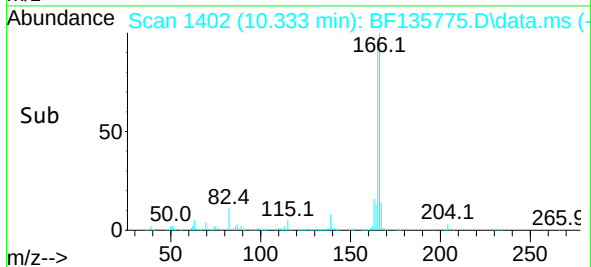
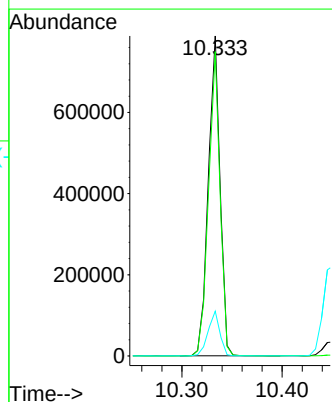
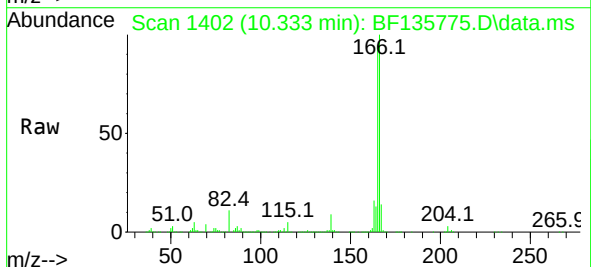
RT: 10.333 min Scan# 1402

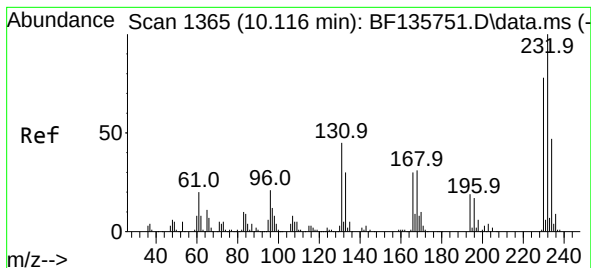
Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

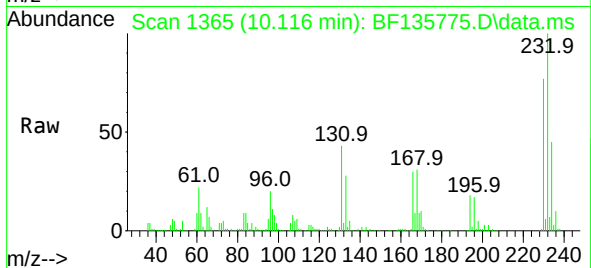
Tgt Ion:166	Resp: 644646
Ion Ratio	Lower Upper
166 100	
165 95.1	73.4 110.0
167 14.0	11.0 16.6





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.516 ng
RT: 10.116 min Scan# 1365
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

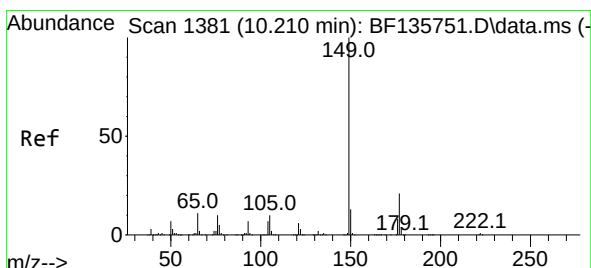
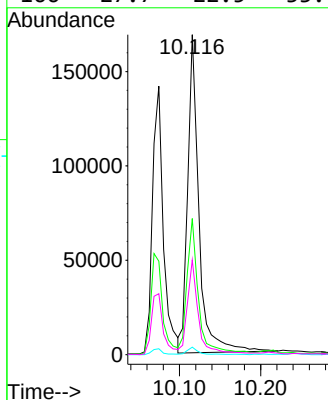
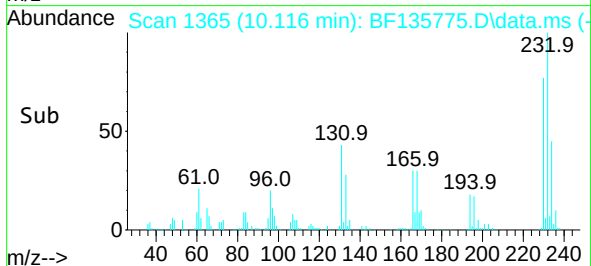
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:232 Resp: 16237
Ion Ratio Lower Upper
232 100
131 43.6 35.8 53.6
130 2.5 1.9 2.9
166 27.7 22.5 33.7

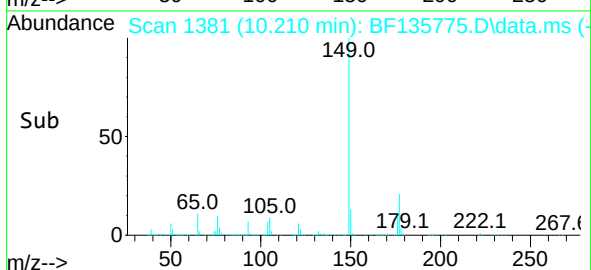
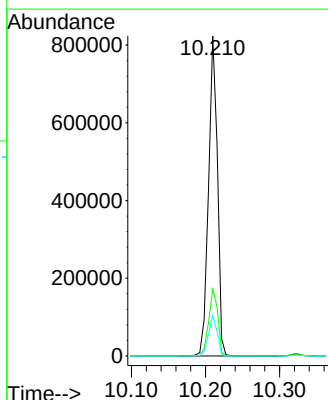
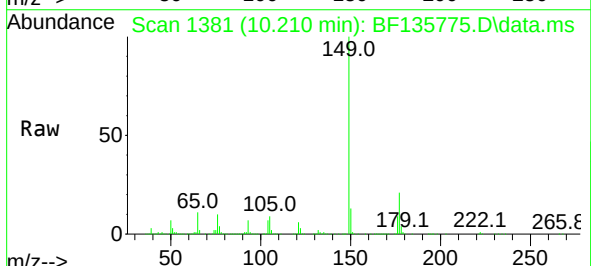
Manual Integrations
APPROVED

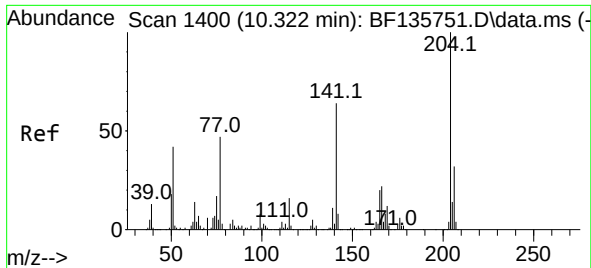
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#60
Diethylphthalate
Concen: 53.505 ng
RT: 10.210 min Scan# 1381
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

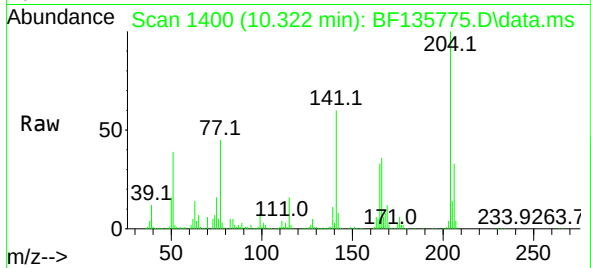
Tgt Ion:149 Resp: 686645
Ion Ratio Lower Upper
149 100
177 20.9 16.9 25.3
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 52.537 ng
RT: 10.322 min Scan# 1400
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

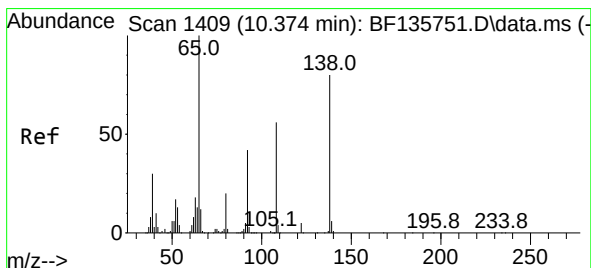
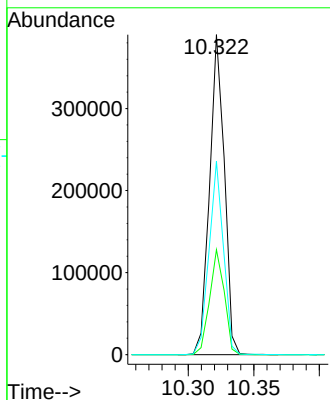
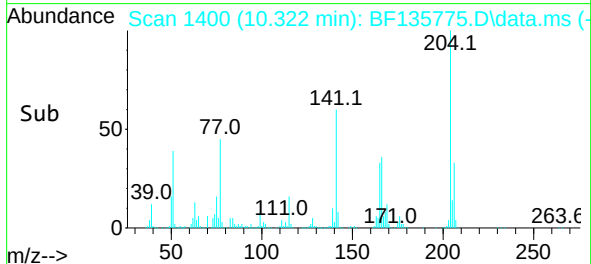
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:204 Resp: 305854
Ion Ratio Lower Upper
204 100
206 32.8 25.8 38.6
141 60.4 51.4 77.0

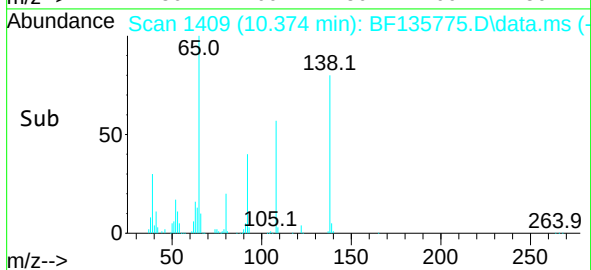
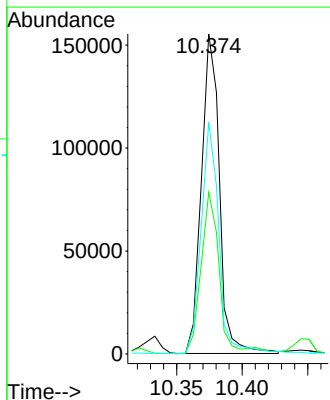
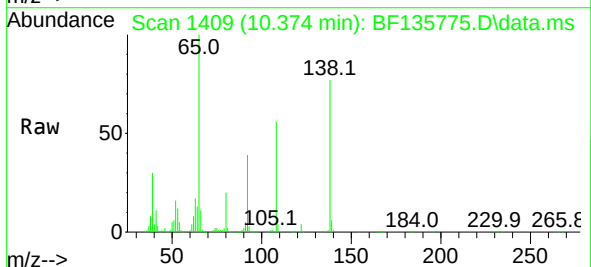
Manual Integrations
APPROVED

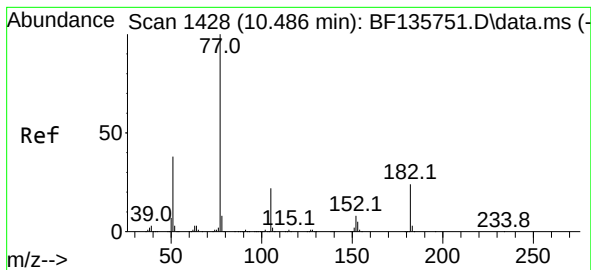
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#62
4-Nitroaniline
Concen: 48.595 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

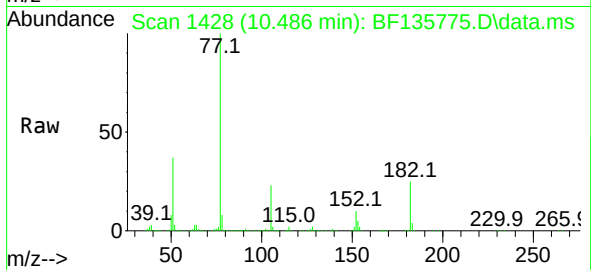
Tgt Ion:138 Resp: 148166
Ion Ratio Lower Upper
138 100
92 50.6 31.9 71.9
108 72.4 49.7 89.7





#63
Azobenzene
Concen: 53.082 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

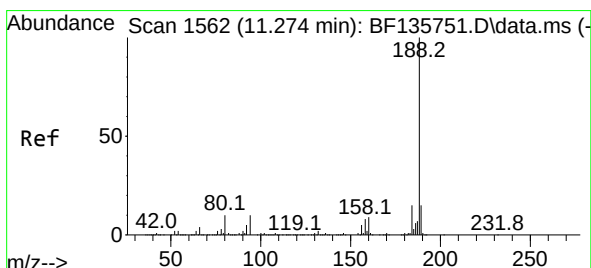
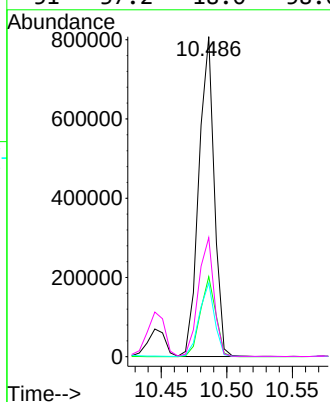
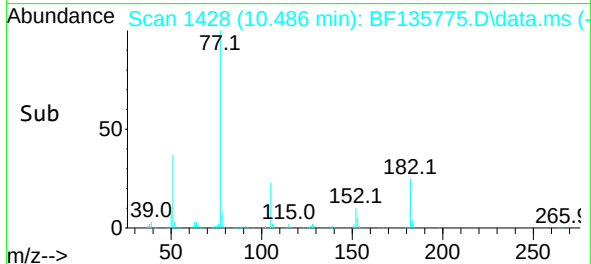
Instrument :
BNA_F
Client SampleId :
TP-3MS



Tgt Ion: 77 Resp: 66184
Ion Ratio Lower Upper
77 100
182 25.0 3.5 43.5
105 23.1 2.2 42.2
51 37.2 18.0 58.0

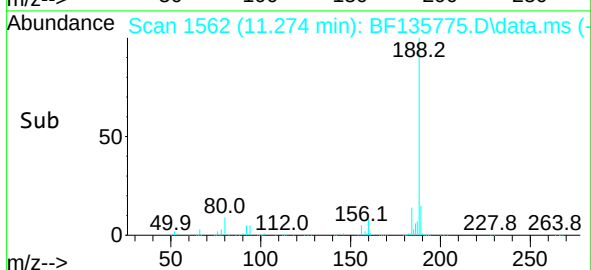
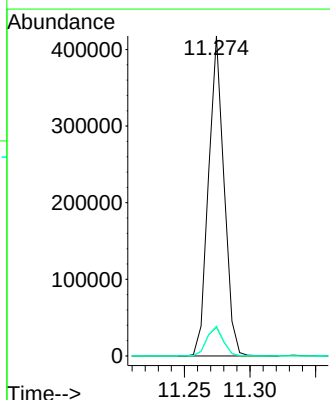
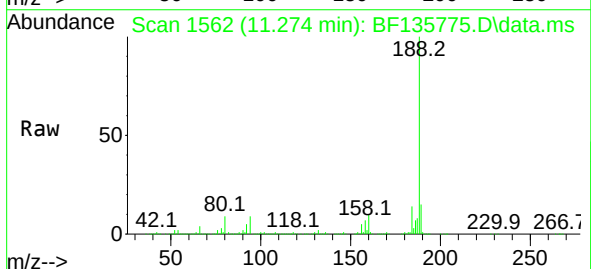
Manual Integrations
APPROVED

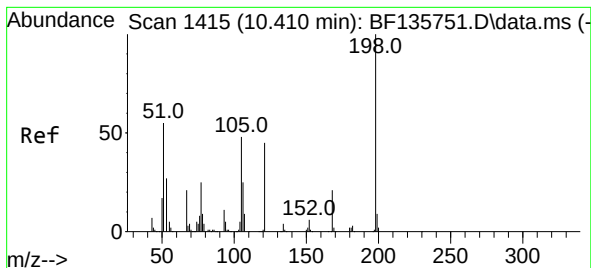
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

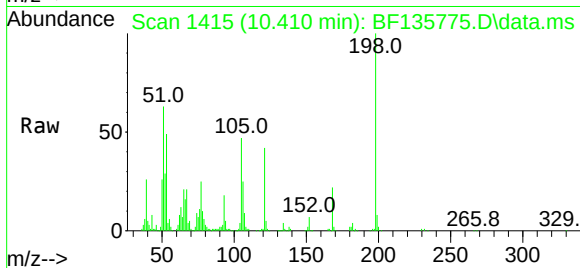
Tgt Ion:188 Resp: 344770
Ion Ratio Lower Upper
188 100
94 8.9 8.0 12.0
80 9.3 8.3 12.5





#65
4,6-Dinitro-2-methylphenol
Concen: 50.507 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

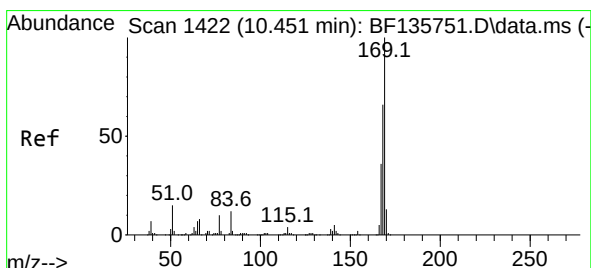
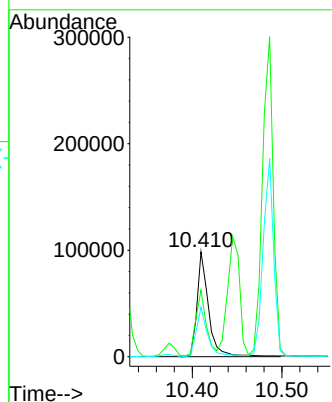
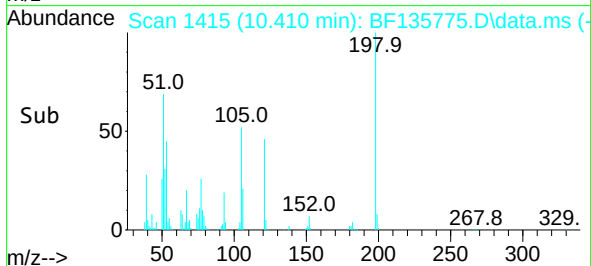
Instrument :
BNA_F
ClientSampleId :
TP-3MS



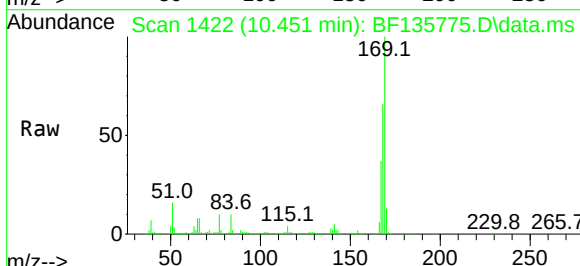
Tgt Ion:198 Resp: 87634
Ion Ratio Lower Upper
198 100
51 63.4 47.6 87.6
105 47.1 29.2 69.2

Manual Integrations
APPROVED

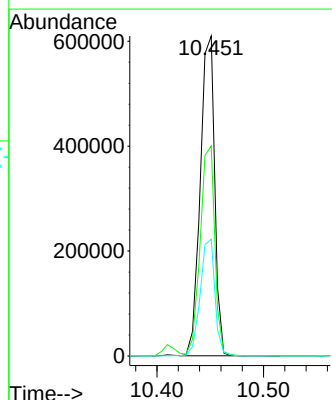
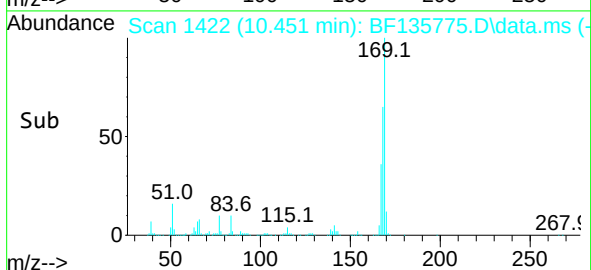
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

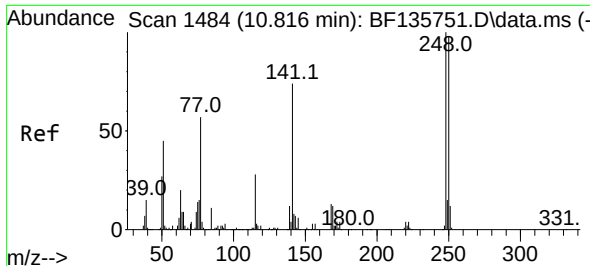


#66
n-Nitrosodiphenylamine
Concen: 54.615 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



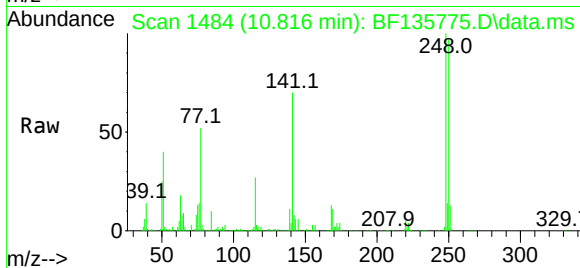
Tgt Ion:169 Resp: 573922
Ion Ratio Lower Upper
169 100
168 65.6 53.4 80.2
167 36.5 29.2 43.8





#67
4-Bromophenyl-phenylether
Concen: 55.543 ng
RT: 10.816 min Scan# 1484
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

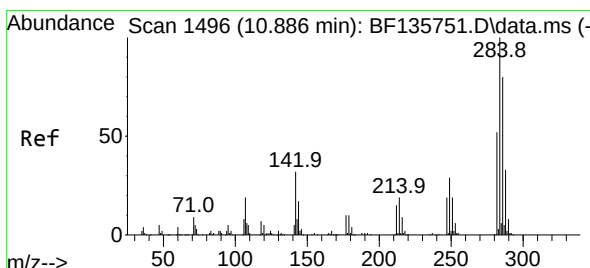
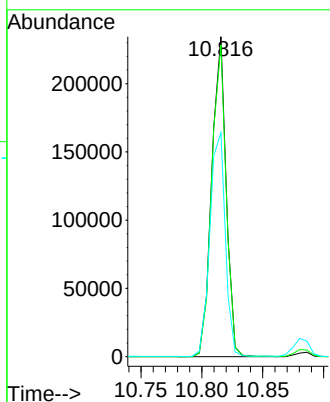
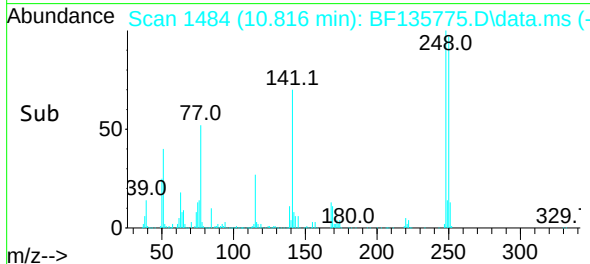
Instrument :
BNA_F
ClientSampleId :
TP-3MS



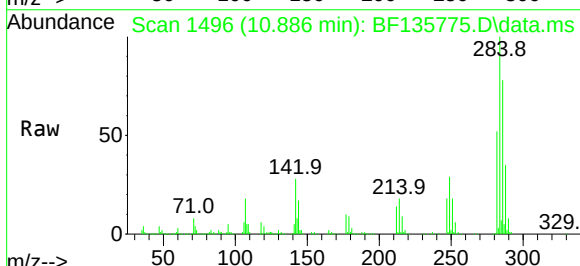
Tgt Ion:248 Resp: 192227
Ion Ratio Lower Upper
248 100
250 97.4 78.0 117.0
141 70.0 59.0 88.6

Manual Integrations
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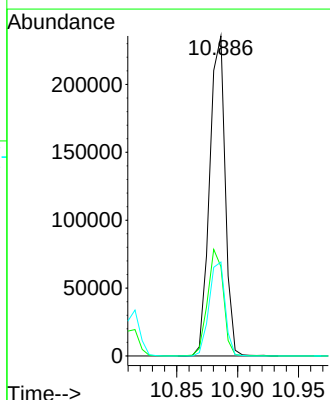
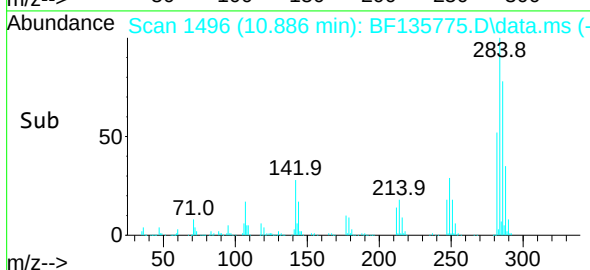
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

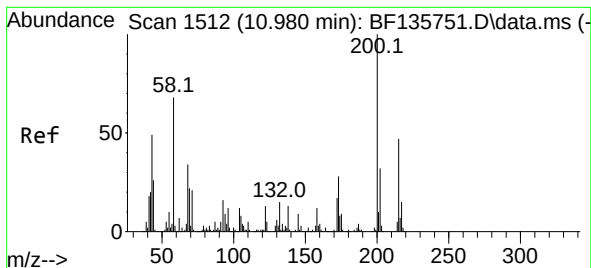


#68
Hexachlorobenzene
Concen: 59.330 ng
RT: 10.886 min Scan# 1496
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion:284 Resp: 209055
Ion Ratio Lower Upper
284 100
142 28.0 25.3 37.9
249 29.3 23.5 35.3





#69

Atrazine

Concen: 66.567 ng

RT: 10.980 min Scan# 1512

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:200 Resp: 190269

Ion Ratio Lower Upper

200 100

173 29.4 7.6 47.6

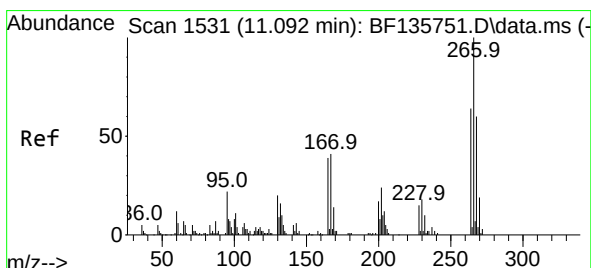
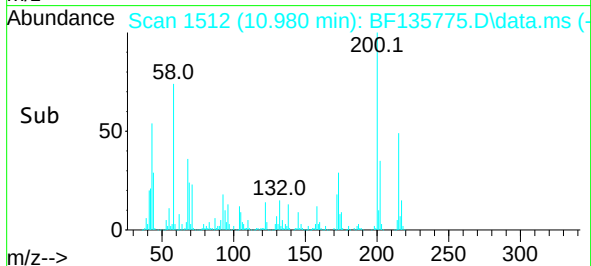
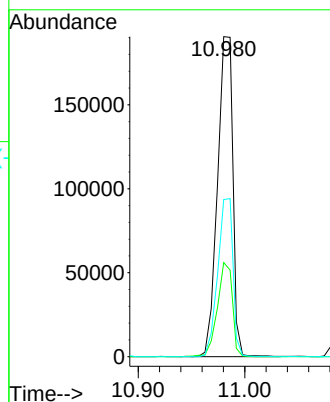
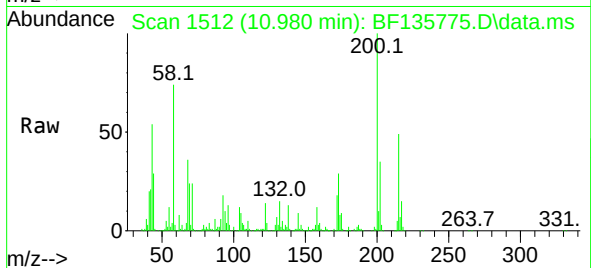
215 49.1 27.1 67.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#70

Pentachlorophenol

Concen: 109.047 ng

RT: 11.092 min Scan# 1531

Delta R.T. -0.000 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

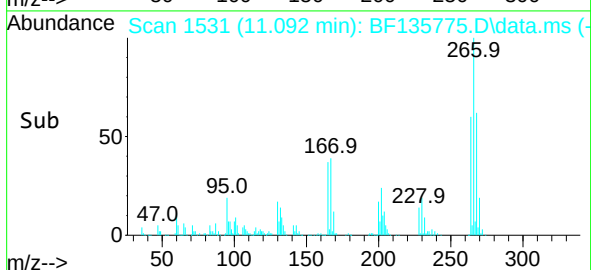
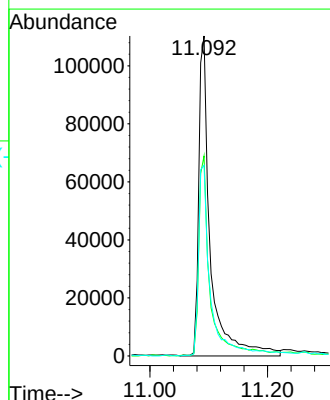
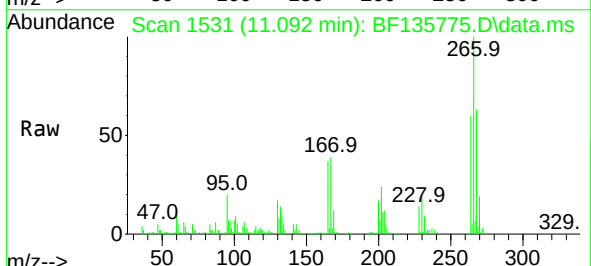
Tgt Ion:266 Resp: 151544

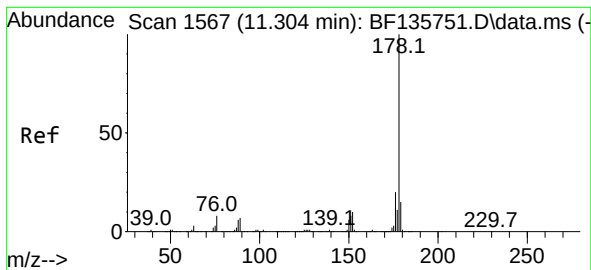
Ion Ratio Lower Upper

266 100

268 62.5 47.7 71.5

264 59.5 51.4 77.2





#71

Phenanthrene

Concen: 55.531 ng

RT: 11.298 min Scan# 1566

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:178 Resp: 917158

Ion Ratio Lower Upper

178 100

176 19.6 16.0 24.0

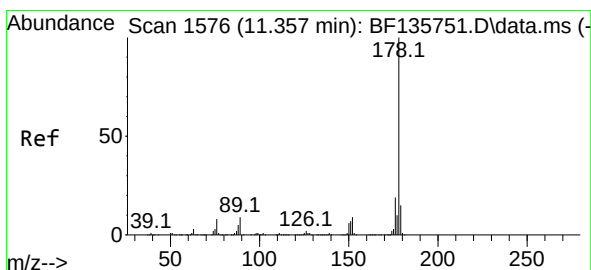
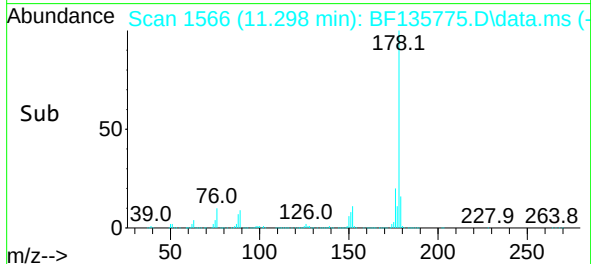
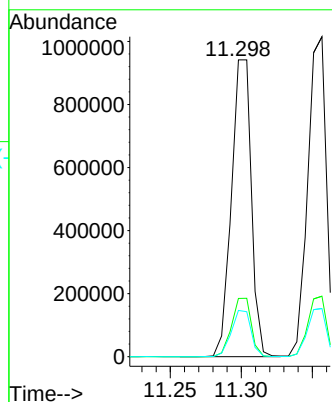
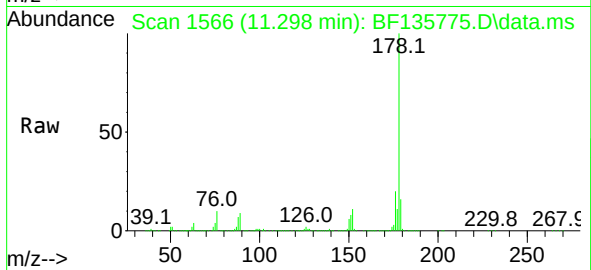
179 15.6 12.2 18.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#72

Anthracene

Concen: 54.489 ng

RT: 11.357 min Scan# 1576

Delta R.T. -0.000 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

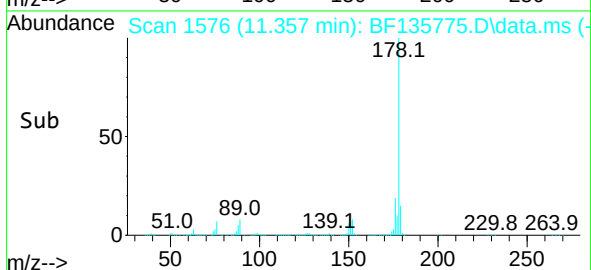
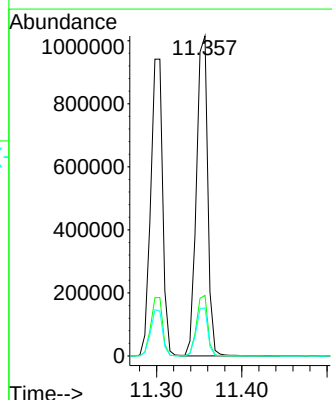
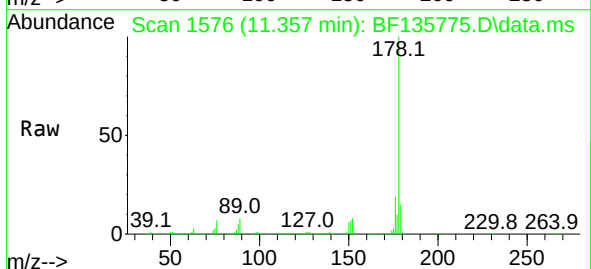
Tgt Ion:178 Resp: 932554

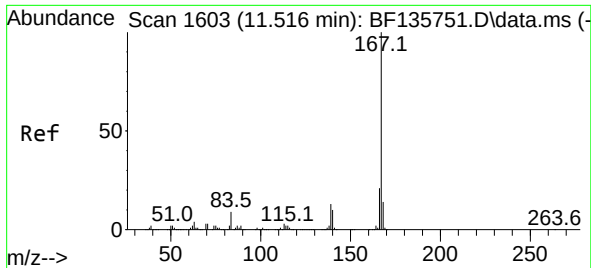
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

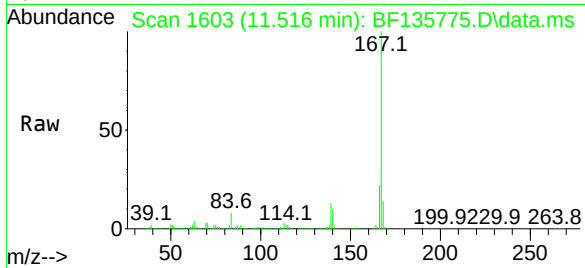
179 15.1 12.3 18.5





#73
 Carbazole
 Concen: 52.927 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. -0.006 min
 Lab File: BF135775.D
 Acq: 16 Oct 2023 14:14

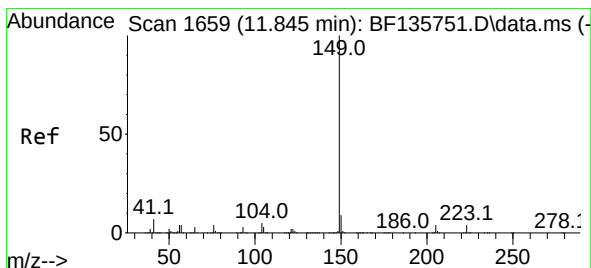
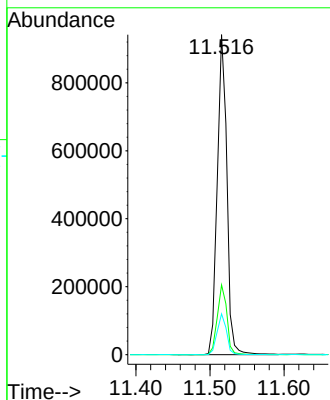
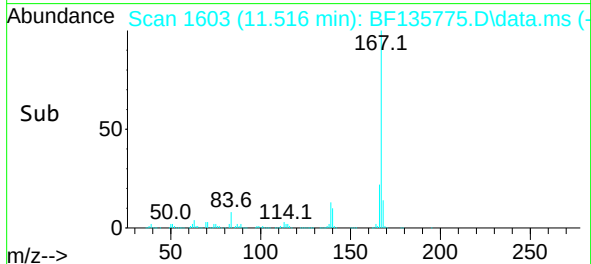
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MS



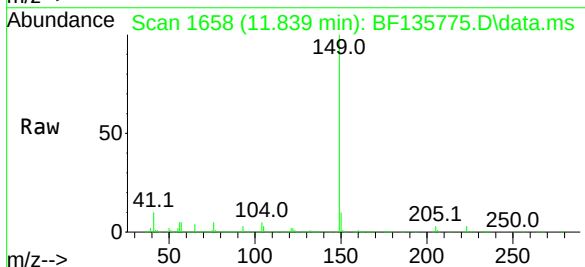
Tgt Ion:167 Resp: 844810
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.1 25.7
 139 12.8 10.2 15.4

Manual Integrations
 APPROVED

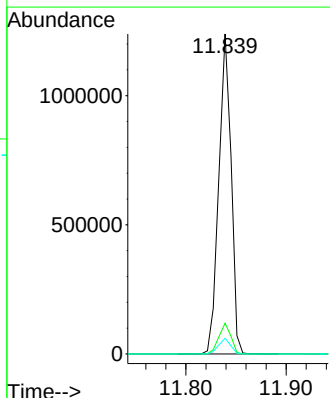
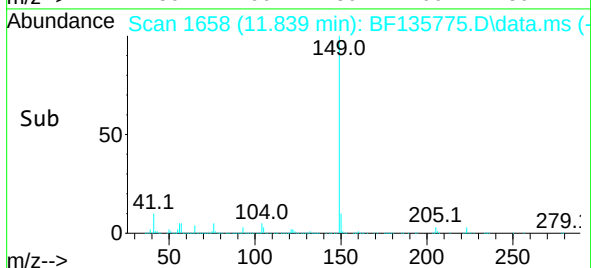
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

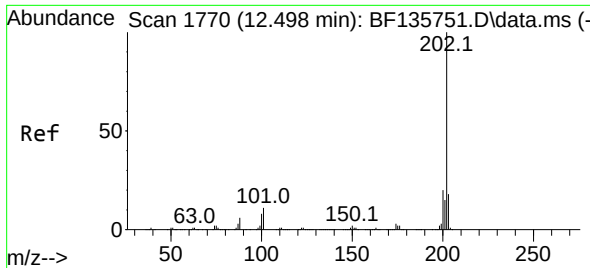


#74
 Di-n-butylphthalate
 Concen: 53.794 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. -0.006 min
 Lab File: BF135775.D
 Acq: 16 Oct 2023 14:14



Tgt Ion:149 Resp: 1054217
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 4.9 3.7 5.5





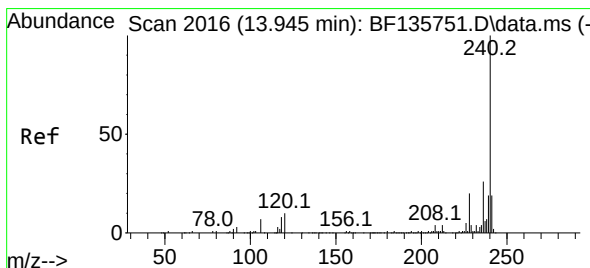
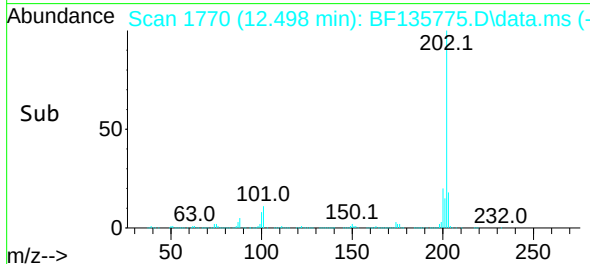
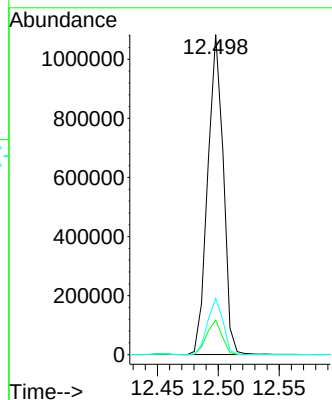
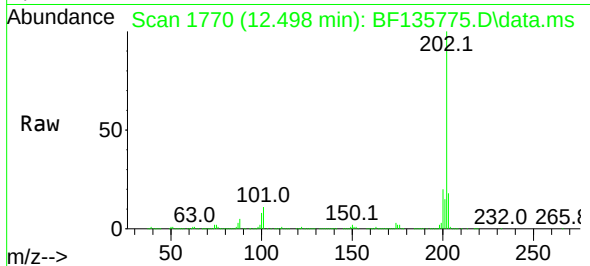
#75
Fluoranthene
Concen: 52.612 ng
RT: 12.498 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Instrument :
BNA_F
ClientSampleId :
TP-3MS

Tgt Ion:202 Resp: 964419
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.5
203 17.6 0.0 38.3

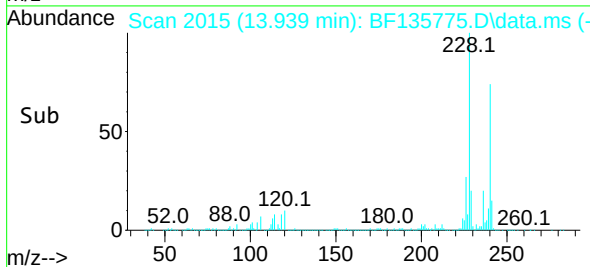
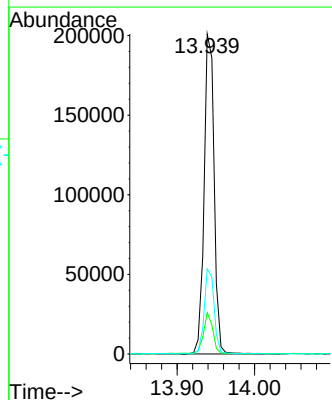
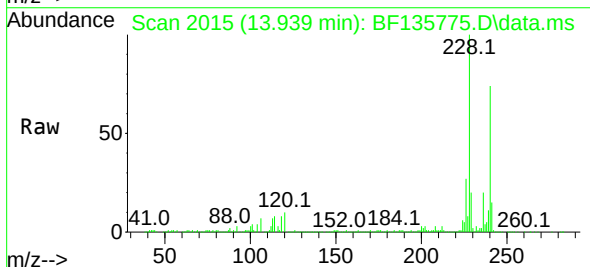
Manual Integrations
APPROVED

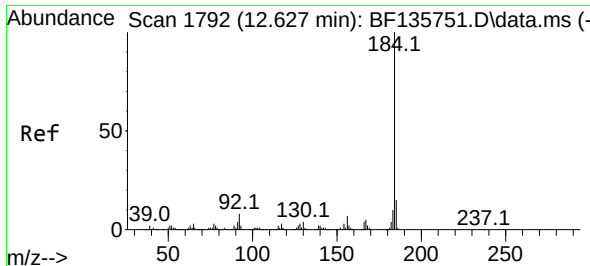
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2015
Delta R.T. -0.012 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

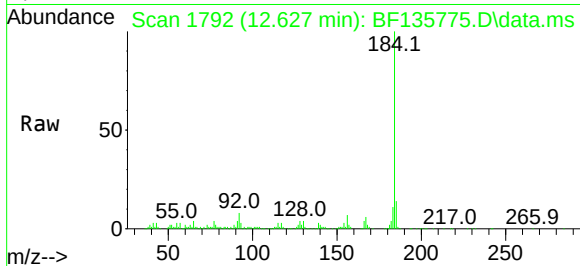
Tgt Ion:240 Resp: 180730
Ion Ratio Lower Upper
240 100
120 12.9 8.2 12.2#
236 26.6 21.2 31.8





#77
Benzidine
Concen: 33.090 ng
RT: 12.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

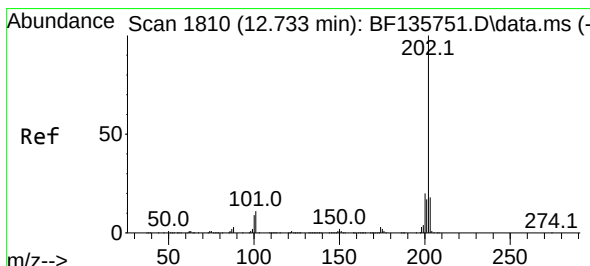
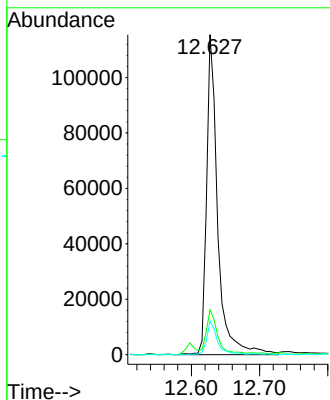
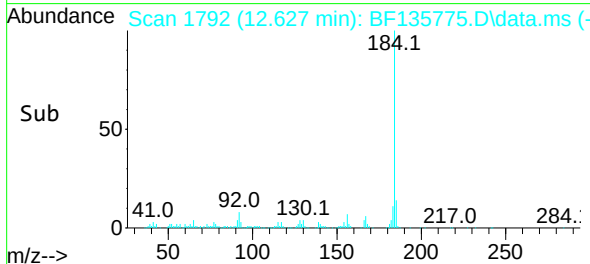
Instrument :
BNA_F
ClientSampleId :
TP-3MS



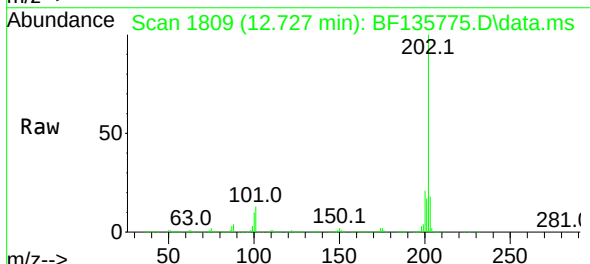
Tgt Ion:184 Resp: 130490
Ion Ratio Lower Upper
184 100
185 14.1 12.0 18.0
183 10.5 8.2 12.2

Manual Integrations
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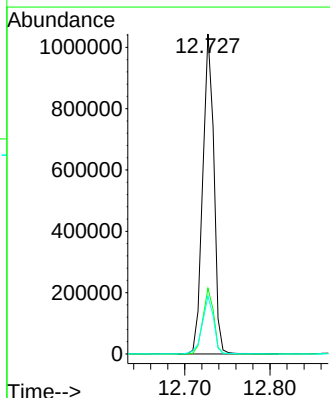
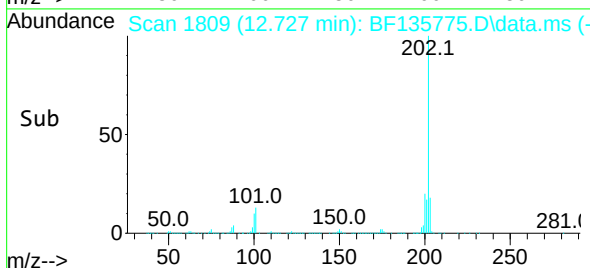
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

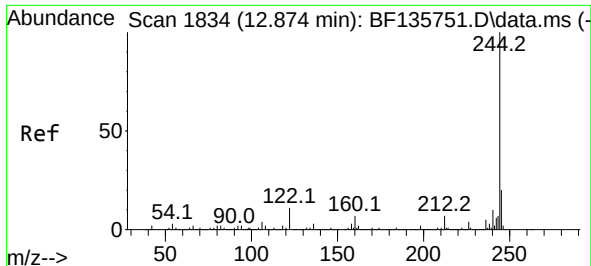


#78
Pyrene
Concen: 65.863 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion:202 Resp: 945914
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 18.0 14.2 21.2





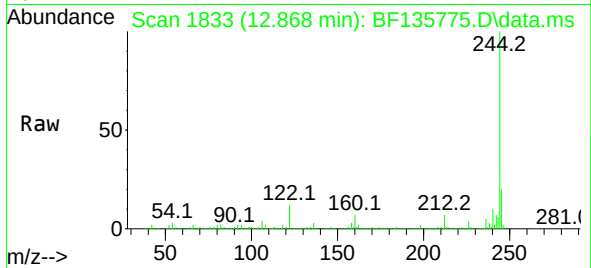
#79
 Terphenyl-d14
 Concen: 88.372 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. -0.012 min
 Lab File: BF135775.D
 Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

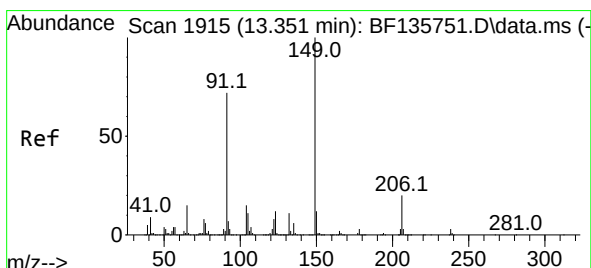
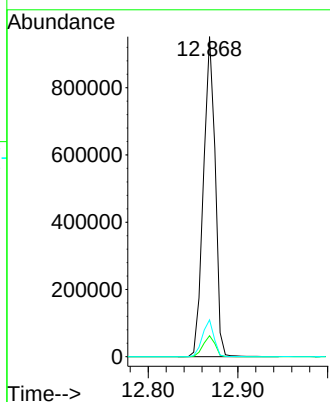
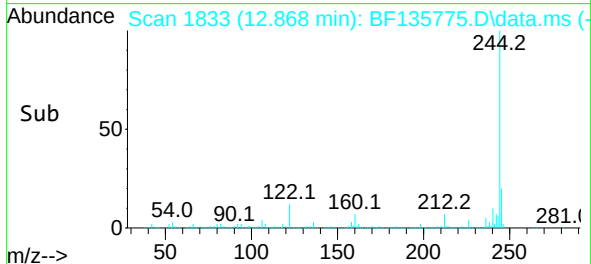


Tgt Ion:244 Resp: 862435
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.6 8.4
 122 11.5 9.0 13.6

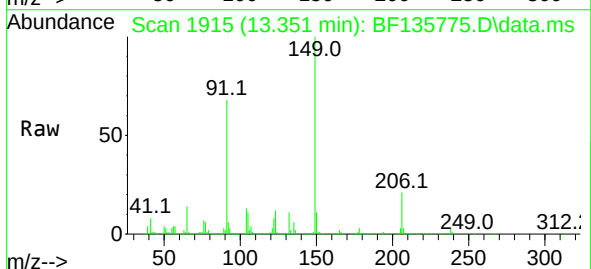
Manual Integrations

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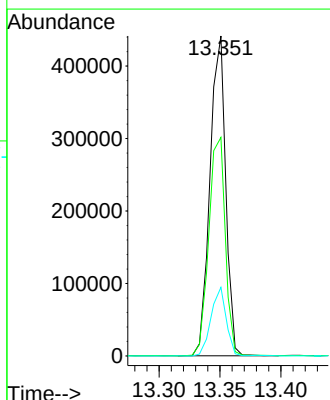
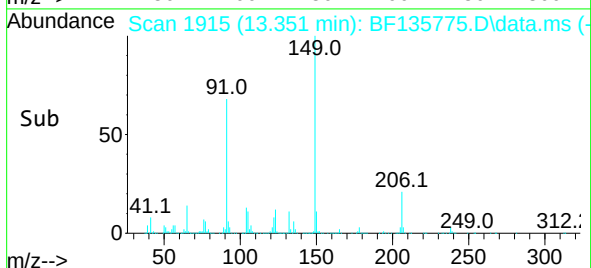
Reviewed By :Yogesh Patel 10/17/2023
 Supervised By :mohammad ahmed 10/17/2023

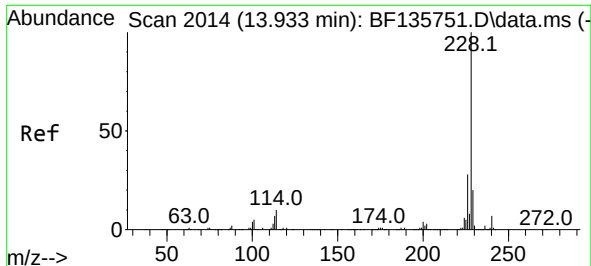


#80
 Butylbenzylphthalate
 Concen: 62.777 ng
 RT: 13.351 min Scan# 1915
 Delta R.T. -0.006 min
 Lab File: BF135775.D
 Acq: 16 Oct 2023 14:14



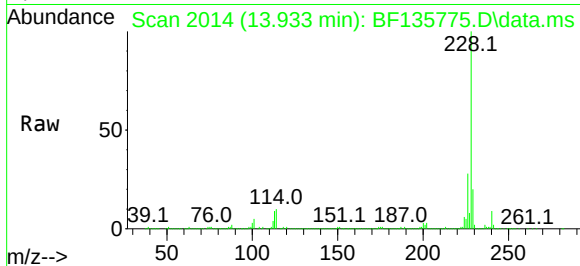
Tgt Ion:149 Resp: 396191
 Ion Ratio Lower Upper
 149 100
 91 68.3 57.4 86.0
 206 21.5 16.2 24.4





#81
Benzo(a)anthracene
Concen: 59.544 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

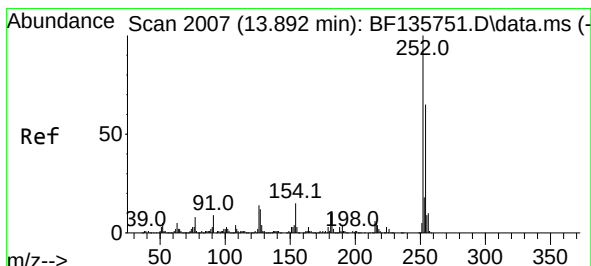
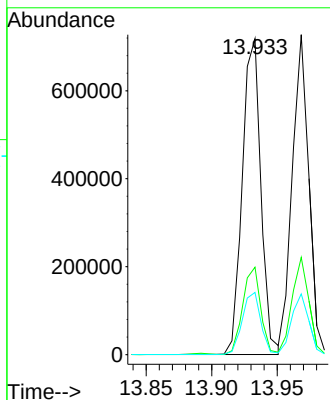
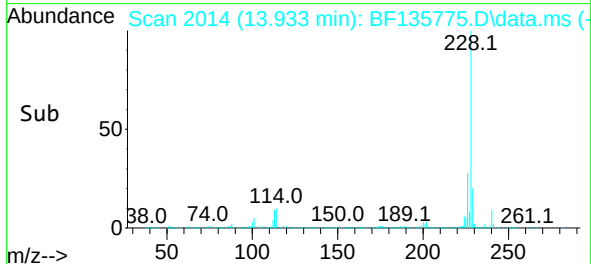
Instrument :
BNA_F
ClientSampleId :
TP-3MS



Tgt Ion:228 Resp: 706850
Ion Ratio Lower Upper
228 100
226 27.7 22.2 33.2
229 19.7 16.1 24.1

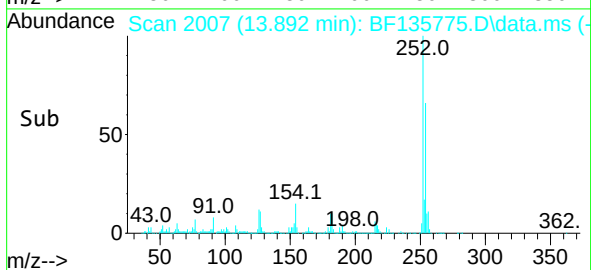
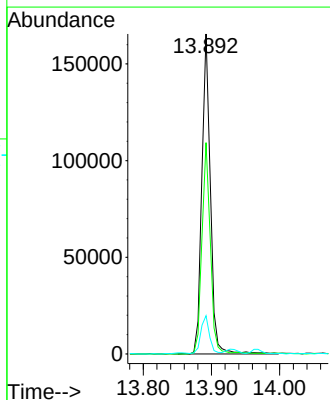
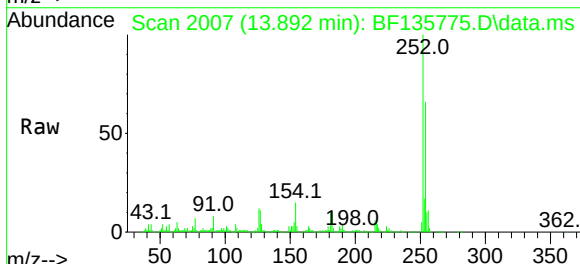
Manual Integrations
APPROVED

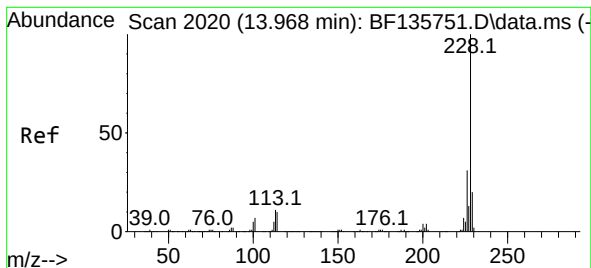
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#82
3,3'-Dichlorobenzidine
Concen: 36.999 ng
RT: 13.892 min Scan# 2007
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

Tgt Ion:252 Resp: 145665
Ion Ratio Lower Upper
252 100
254 66.0 51.8 77.6
126 11.9 11.0 16.4





#83

Chrysene

Concen: 55.651 ng

RT: 13.968 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

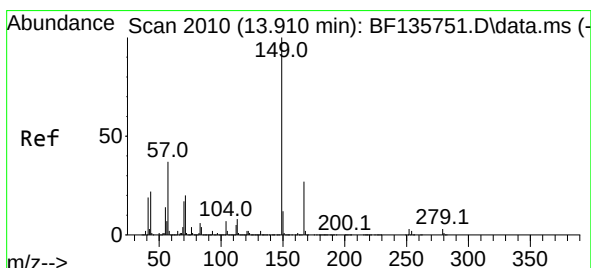
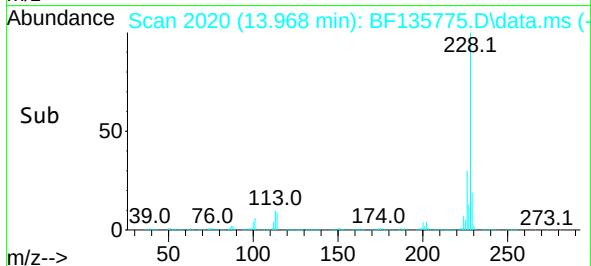
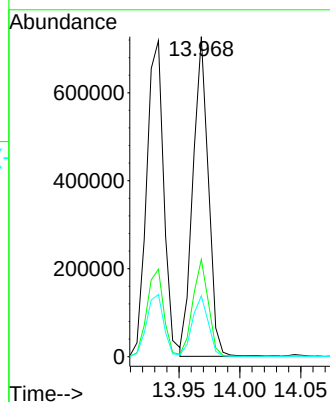
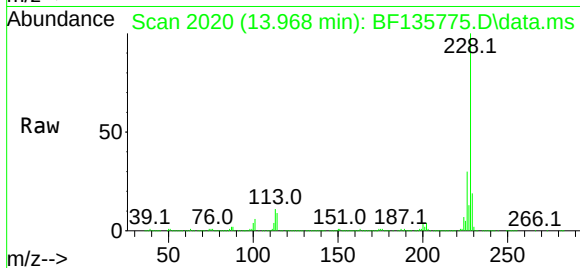
Tgt Ion:228 Resp: 639880

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.4	36.6
229	19.0	15.7	23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 63.425 ng

RT: 13.910 min Scan# 2010

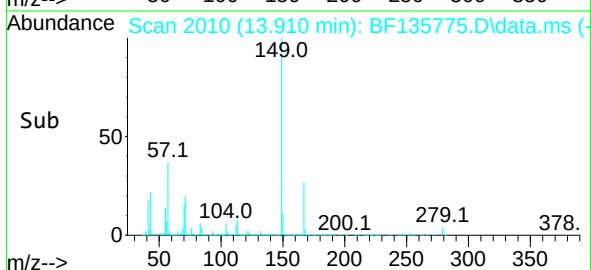
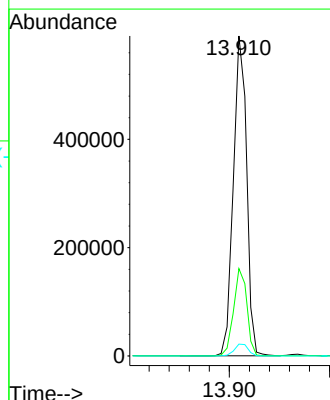
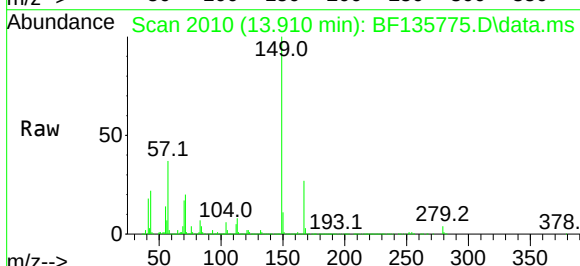
Delta R.T. -0.006 min

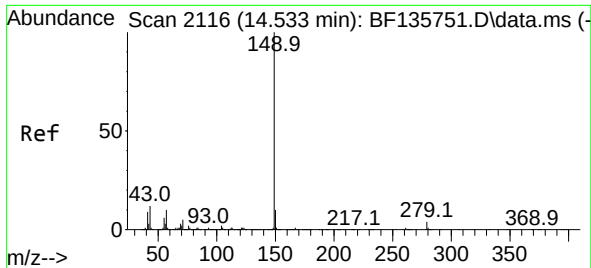
Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Tgt Ion:149 Resp: 542513

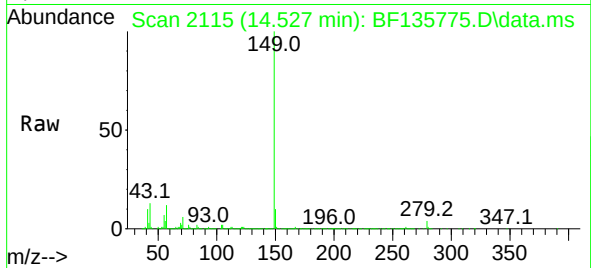
Ion	Ratio	Lower	Upper
149	100		
167	27.3	21.3	31.9
279	3.7	2.7	4.1





#85
Di-n-octyl phthalate
Concen: 59.253 ng
RT: 14.527 min Scan# 2115
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

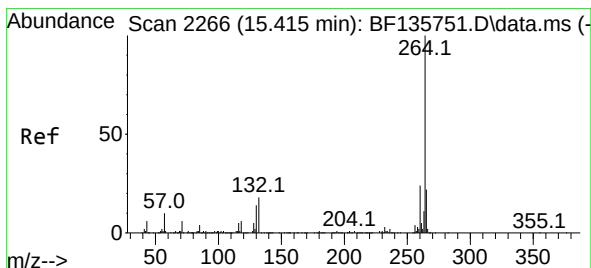
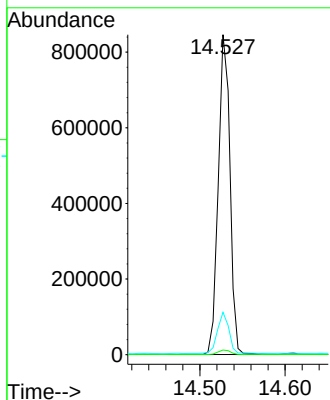
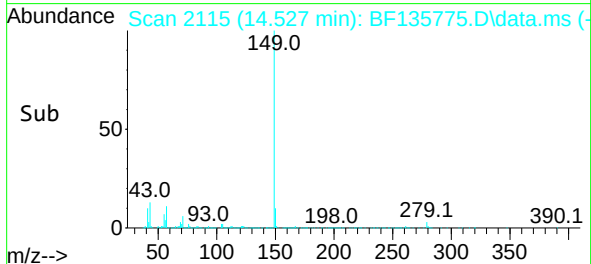
Instrument :
BNA_F
ClientSampleId :
TP-3MS



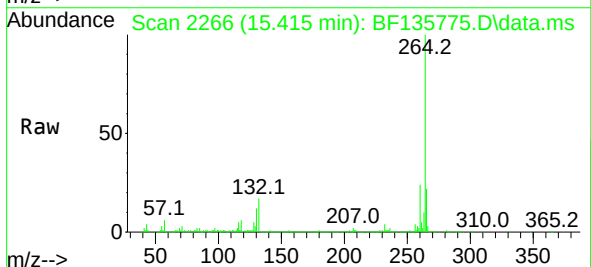
Tgt Ion:149 Resp: 803688
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 12.6 10.1 15.1

Manual Integrations
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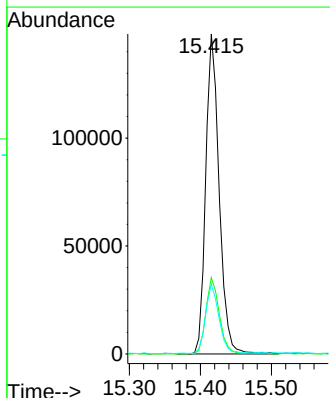
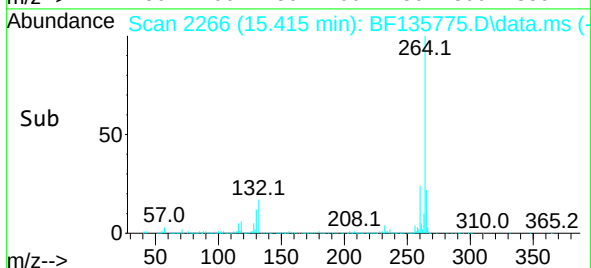
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

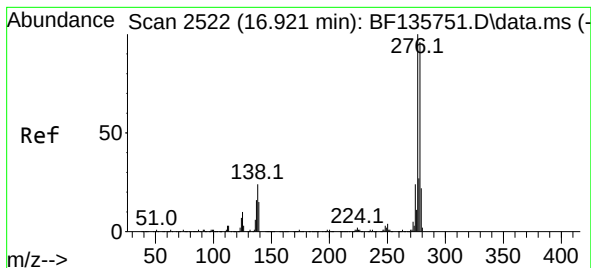


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.415 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion:264 Resp: 194939
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.8 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 60.704 ng

RT: 16.927 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

Instrument :

BNA_F

ClientSampleId :

TP-3MS

Tgt Ion:276 Resp: 64478

Ion Ratio Lower Upper

276 100

138 23.5 19.8 29.6

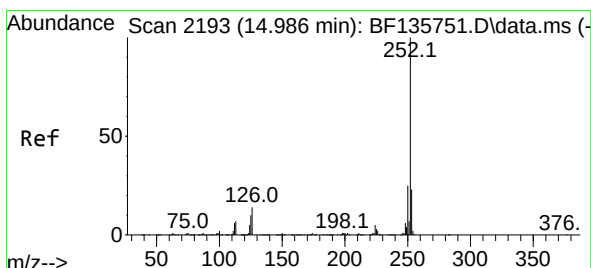
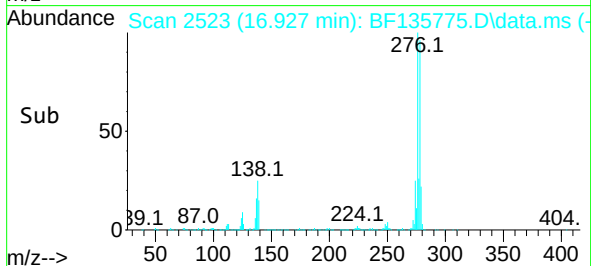
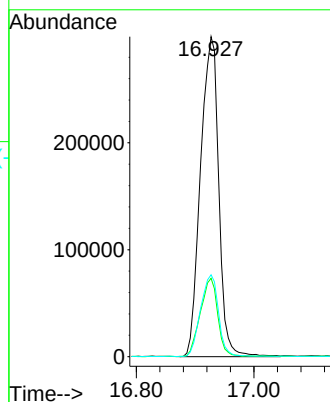
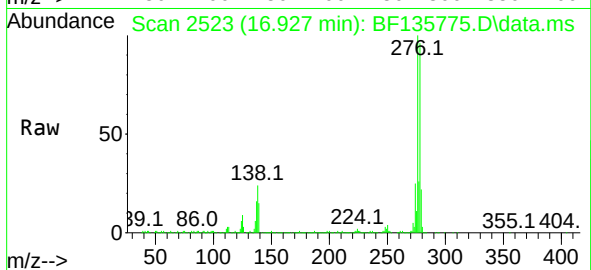
277 25.0 20.2 30.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/17/2023

Supervised By :mohammad ahmed 10/17/2023



#88

Benzo(b)fluoranthene

Concen: 57.251 ng

RT: 14.986 min Scan# 2193

Delta R.T. -0.006 min

Lab File: BF135775.D

Acq: 16 Oct 2023 14:14

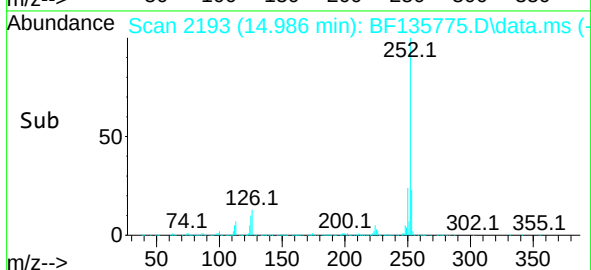
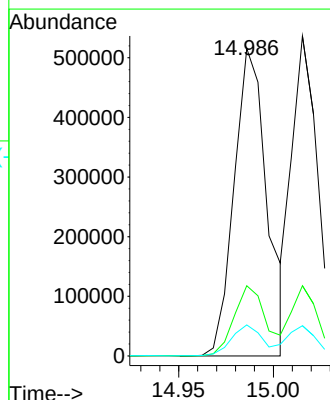
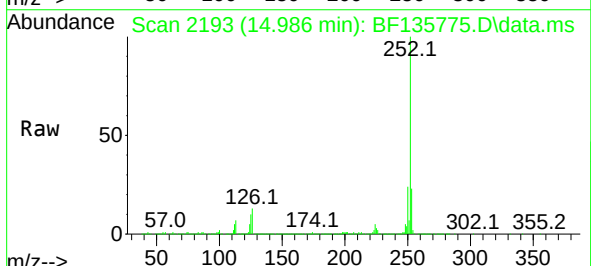
Tgt Ion:252 Resp: 624614

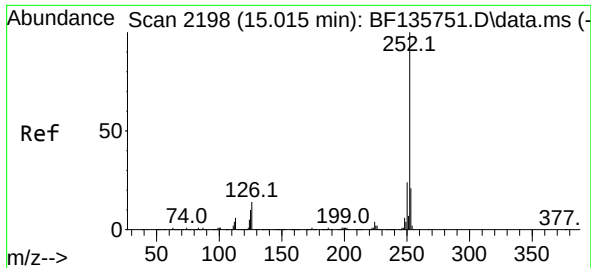
Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

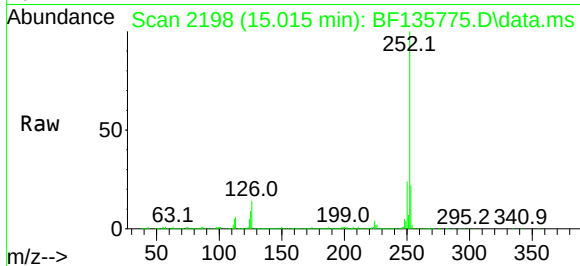
125 10.1 8.2 12.2





#89
Benzo(k)fluoranthene
Concen: 49.077 ng
RT: 15.015 min Scan# 2198
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

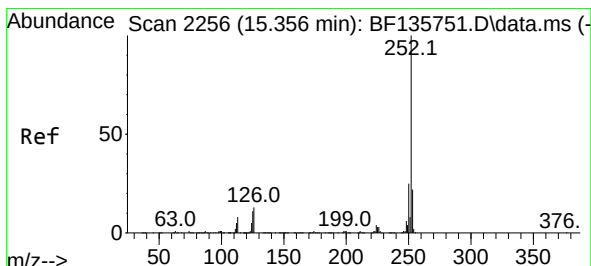
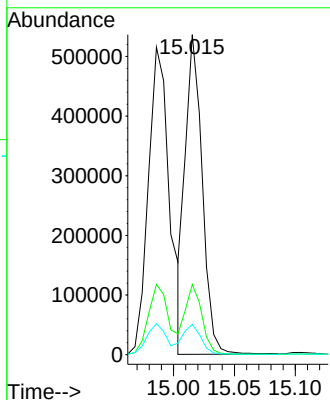
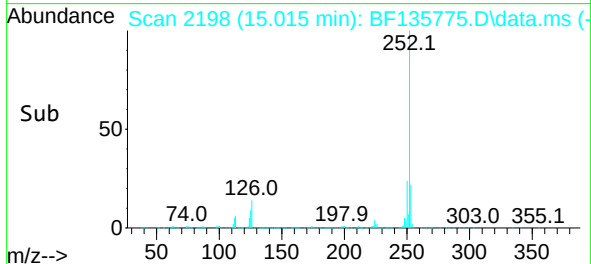
Instrument :
BNA_F
ClientSampleId :
TP-3MS



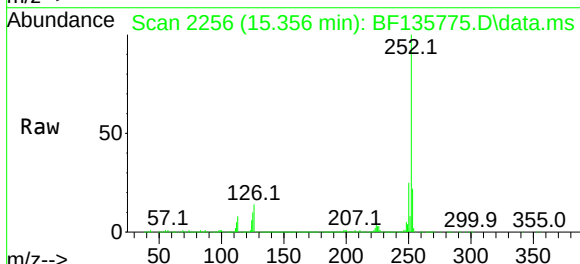
Tgt Ion:252 Resp: 519828
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 9.4 8.3 12.5

Manual Integrations
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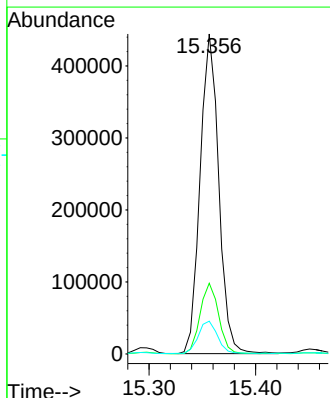
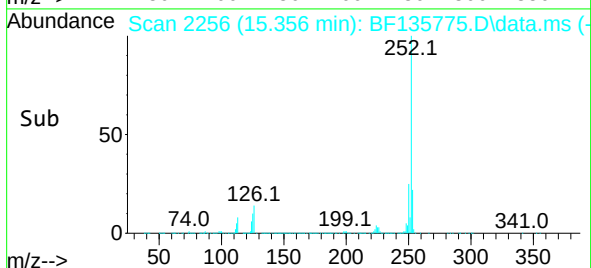
Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023

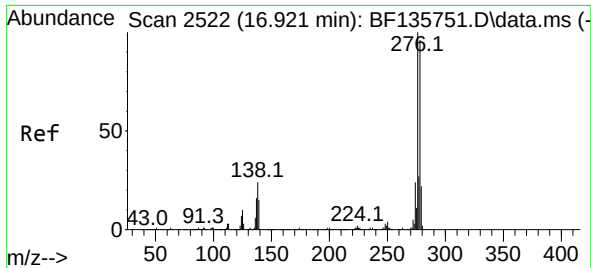


#90
Benzo(a)pyrene
Concen: 52.800 ng
RT: 15.356 min Scan# 2256
Delta R.T. -0.006 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



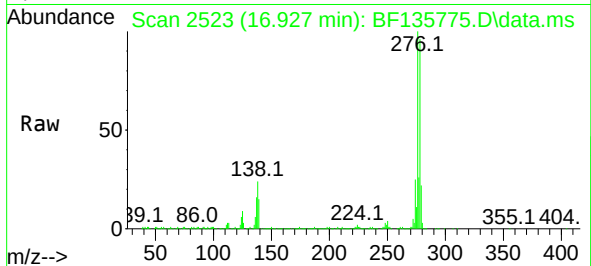
Tgt Ion:252 Resp: 541679
Ion Ratio Lower Upper
252 100
253 22.1 17.4 26.2
125 10.2 8.8 13.2





#91
Dibenzo(a,h)anthracene
Concen: 61.294 ng
RT: 16.927 min Scan# 2522
Delta R.T. -0.012 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14

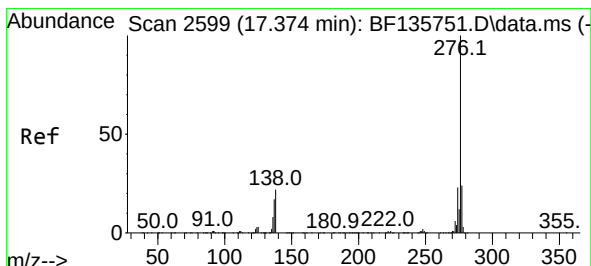
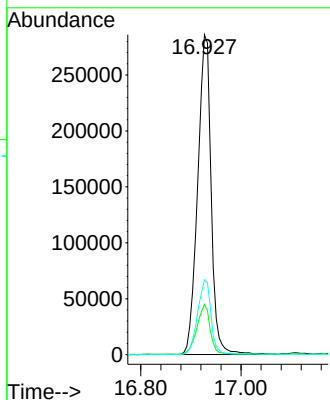
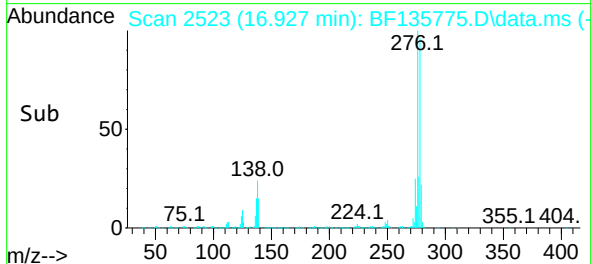
Instrument :
BNA_F
ClientSampleId :
TP-3MS



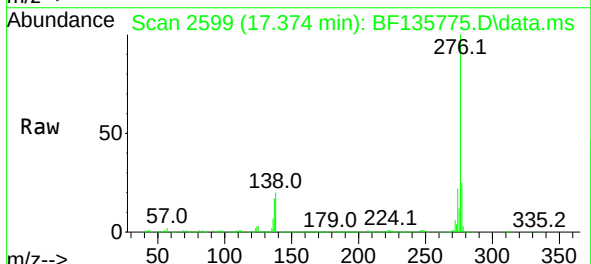
Tgt Ion:278 Resp: 53371
Ion Ratio Lower Upper
278 100
139 15.8 12.5 18.7
279 23.4 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/17/2023
Supervised By :mohammad ahmed 10/17/2023



#92
Benzo(g,h,i)perylene
Concen: 58.382 ng
RT: 17.374 min Scan# 2599
Delta R.T. -0.012 min
Lab File: BF135775.D
Acq: 16 Oct 2023 14:14



Tgt Ion:276 Resp: 522189
Ion Ratio Lower Upper
276 100
277 24.5 19.4 29.2
138 20.0 17.3 25.9

