

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092623\
 Data File : BF135454.D
 Acq On : 26 Sep 2023 15:54
 Operator : CG\JU
 Sample : 04531-04MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS

Quant Time: Sep 27 02:13:34 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 26 01:36:36 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.757	152	172348	20.000	ng	0.00
21) Naphthalene-d8	8.033	136	659338	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	317781	20.000	ng	0.00
64) Phenanthrene-d10	11.286	188	529340	20.000	ng	# 0.00
76) Chrysene-d12	13.945	240	280669	20.000	ng	0.00
86) Perylene-d12	15.409	264	364689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.398	112	1325153	125.055	ng	0.02
7) Phenol-d6	6.410	99	1686715	125.181	ng	0.00
23) Nitrobenzene-d5	7.328	82	1074221	88.516	ng	0.00
42) 2,4,6-Tribromophenol	10.592	330	337466	106.862	ng	0.00
45) 2-Fluorobiphenyl	9.116	172	1692917	80.374	ng	0.00
79) Terphenyl-d14	12.880	244	1226735	67.755	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.557	88	223051	48.016	ng	92
3) Pyridine	3.310	79	591618	47.320	ng	96
4) n-Nitrosodimethylamine	3.275	42	352333	53.106	ng	94
6) Aniline	6.428	93	568852	32.195	ng	# 54
8) 2-Chlorophenol	6.545	128	605595	53.536	ng	98
9) Benzaldehyde	6.310	77	166361	21.673	ng	99
10) Phenol	6.422	94	685716	46.411	ng	81
11) bis(2-Chloroethyl)ether	6.498	93	580765	52.402	ng	98
12) 1,3-Dichlorobenzene	6.698	146	560562	48.761	ng	98
13) 1,4-Dichlorobenzene	6.775	146	568318	48.590	ng	99
14) 1,2-Dichlorobenzene	6.922	146	535225	49.276	ng	99
15) Benzyl Alcohol	6.910	79	496009	51.299	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.034	45	1047026	50.120	ng	82
17) 2-Methylphenol	7.022	107	480549	48.140	ng	94
18) Hexachloroethane	7.257	117	217984	50.440	ng	89
19) n-Nitroso-di-n-propyla...	7.175	70	379590	45.482	ng	95
20) 3+4-Methylphenols	7.175	107	543507	45.279	ng	91
22) Acetophenone	7.169	105	745028	49.424	ng	# 95
24) Nitrobenzene	7.345	77	622171	51.869	ng	99
25) Isophorone	7.581	82	1180669	52.981	ng	97
26) 2-Nitrophenol	7.657	139	322182	55.963	ng	97
27) 2,4-Dimethylphenol	7.698	122	476848	49.277	ng	98
28) bis(2-Chloroethoxy)met...	7.792	93	724942	54.351	ng	99
29) 2,4-Dichlorophenol	7.904	162	467603	52.149	ng	98
30) 1,2,4-Trichlorobenzene	7.981	180	476719	50.865	ng	99
31) Naphthalene	8.057	128	1589379	49.613	ng	99
32) Benzoic acid	7.851	122	349741	47.997	ng	98
33) 4-Chloroaniline	8.116	127	488367	34.746	ng	98
34) Hexachlorobutadiene	8.169	225	265172	46.922	ng	99
35) Caprolactam	8.498	113	163670m	54.387	ng	
36) 4-Chloro-3-methylphenol	8.610	107	518097	51.987	ng	95
37) 2-Methylnaphthalene	8.751	142	1010093	46.907	ng	96
38) 1-Methylnaphthalene	8.851	142	972253	48.225	ng	100
40) 1,2,4,5-Tetrachloroben...	8.916	216	464028	50.403	ng	99
41) Hexachlorocyclopentadiene	8.898	237	170963	45.638	ng	98
43) 2,4,6-Trichlorophenol	9.033	196	318183	52.786	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.086	196	336178	48.429	ng	97
46) 1,1'-Biphenyl	9.216	154	1229560	50.348	ng	98
47) 2-Chloronaphthalene	9.245	162	863063	48.709	ng	99
48) 2-Nitroaniline	9.345	65	379961	55.197	ng	96
49) Acenaphthylene	9.657	152	1482824	50.355	ng	100
50) Dimethylphthalate	9.527	163	1091007	50.779	ng	99
51) 2,6-Dinitrotoluene	9.592	165	248428	52.782	ng	91
52) Acenaphthene	9.827	154	882339	50.721	ng	98
53) 3-Nitroaniline	9.763	138	235087	42.551	ng	100
54) 2,4-Dinitrophenol	9.880	184	207008	77.671	ng	93
55) Dibenzofuran	10.004	168	1215761	45.798	ng	99
56) 4-Nitrophenol	9.945	139	329235	93.763	ng	98
57) 2,4-Dinitrotoluene	10.004	165	265625	45.079	ng	87
58) Fluorene	10.345	166	970352	47.549	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.127	232	264404	49.515	ng	98
60) Diethylphthalate	10.227	149	1046060	48.513	ng	100
61) 4-Chlorophenyl-phenyle...	10.339	204	435015	44.375	ng	96
62) 4-Nitroaniline	10.380	138	252278	47.503	ng	95
63) Azobenzene	10.498	77	1070973	50.750	ng	97
65) 4,6-Dinitro-2-methylph...	10.416	198	141626	50.374	ng	89
66) n-Nitrosodiphenylamine	10.463	169	895258	55.864	ng	99
67) 4-Bromophenyl-phenylether	10.827	248	280087	53.201	ng	95
68) Hexachlorobenzene	10.892	284	290286	54.123	ng	# 88
69) Atrazine	10.998	200	258706	59.996	ng	98
70) Pentachlorophenol	11.098	266	270505	84.296	ng	98
71) Phenanthrene	11.316	178	1360560	54.345	ng	99
72) Anthracene	11.363	178	1334368	51.853	ng	99
73) Carbazole	11.527	167	1208923	51.606	ng	99
74) Di-n-butylphthalate	11.857	149	1428490	51.749	ng	100
75) Fluoranthene	12.504	202	1274299	48.849	ng	98
77) Benzidine	12.633	184	456715	79.428	ng	99
78) Pyrene	12.733	202	1263513	47.284	ng	99
80) Butylbenzylphthalate	13.357	149	468909	49.840	ng	93
81) Benzo(a)anthracene	13.933	228	1029021	56.778	ng	99
82) 3,3'-Dichlorobenzidine	13.898	252	332788	58.787	ng	# 97
83) Chrysene	13.968	228	994374	55.185	ng	99
84) Bis(2-ethylhexyl)phtha...	13.921	149	583876	60.477	ng	99
85) Di-n-octyl phthalate	14.539	149	1138939	74.232	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	934577	39.085	ng	96
88) Benzo(b)fluoranthene	14.986	252	1151090	58.307	ng	# 97
89) Benzo(k)fluoranthene	15.015	252	1003827	51.474	ng	# 97
90) Benzo(a)pyrene	15.351	252	1025421	54.467	ng	98
91) Dibenzo(a,h)anthracene	16.909	278	746377	38.149	ng	98
92) Benzo(g,h,i)perylene	17.345	276	710332	34.764	ng	97

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

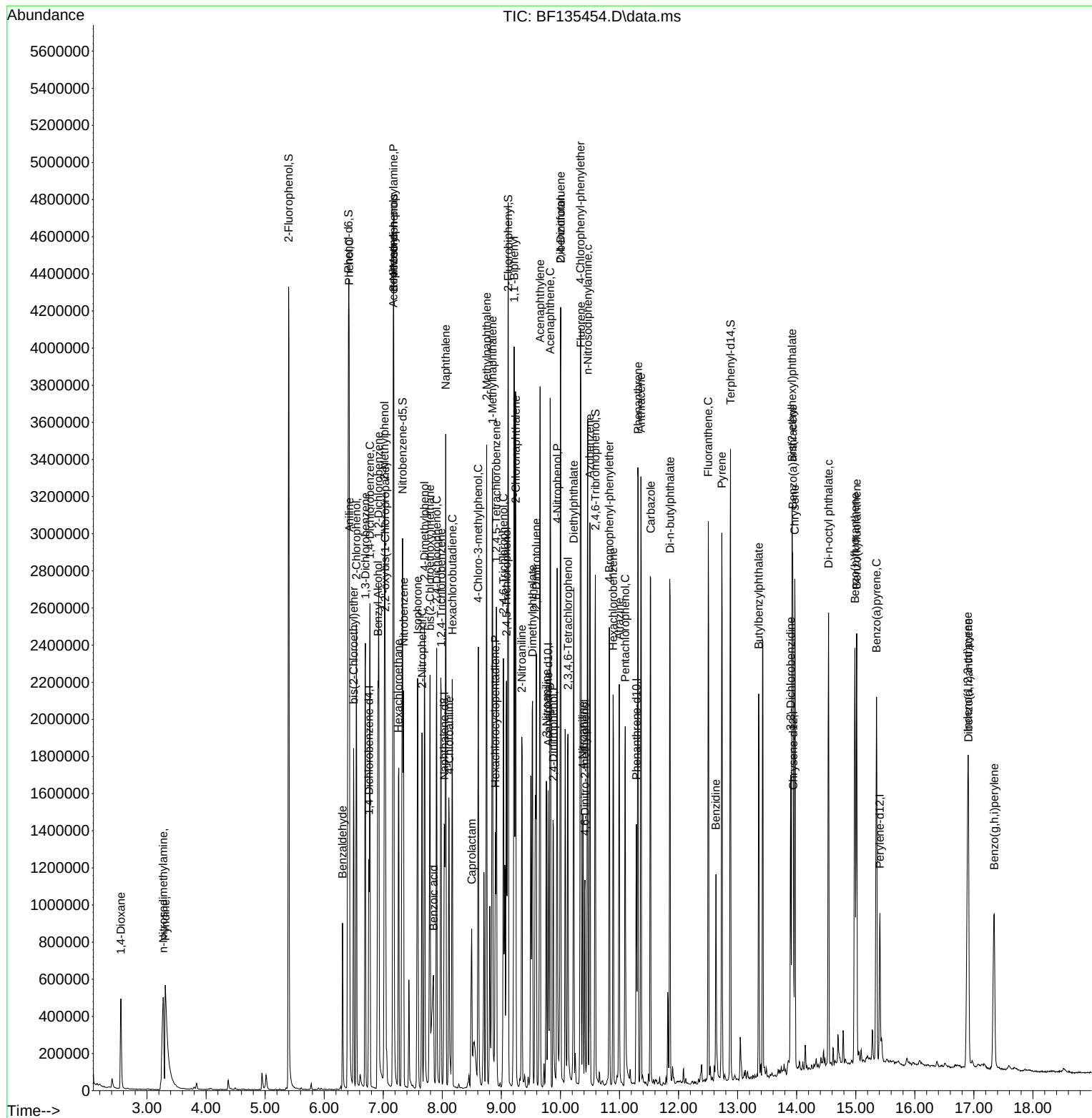
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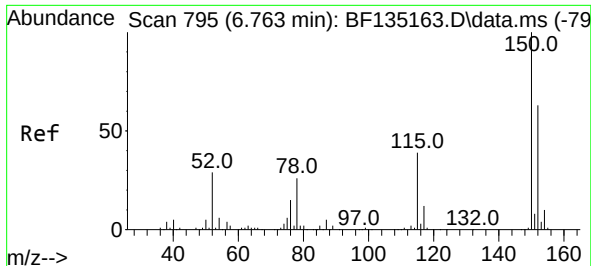
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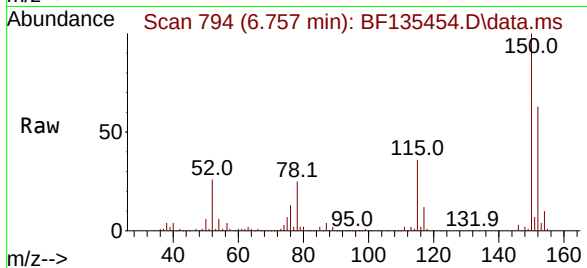
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.757 min Scan# 79
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

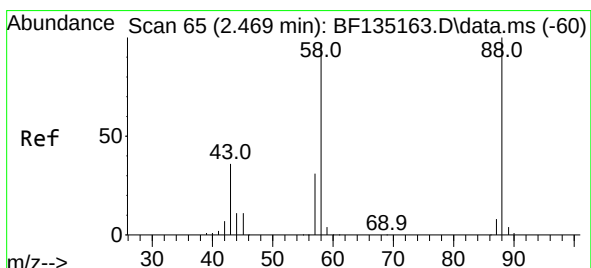
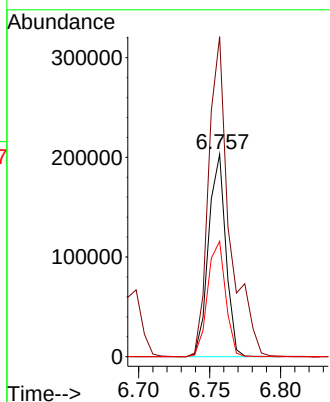
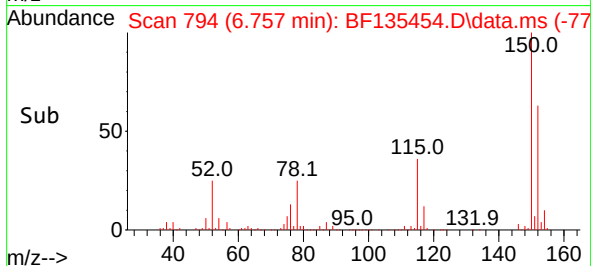
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:152 Resp: 172348
Ion Ratio Lower Upper
152 100
150 158.1 127.8 191.6
115 57.0 49.8 74.8

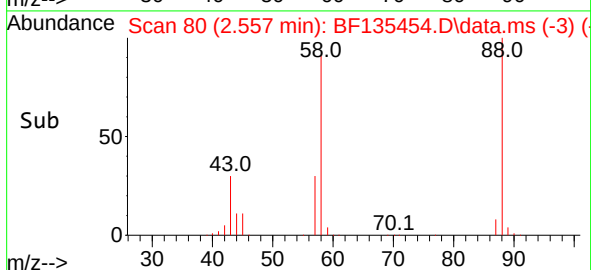
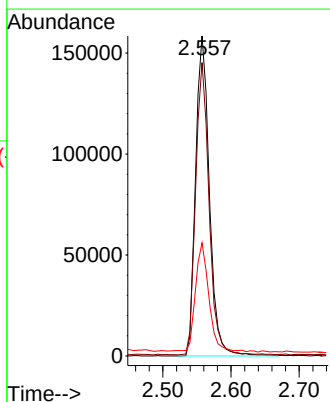
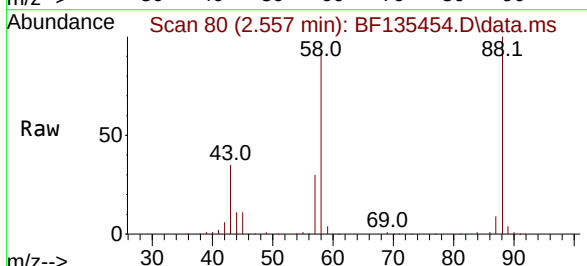
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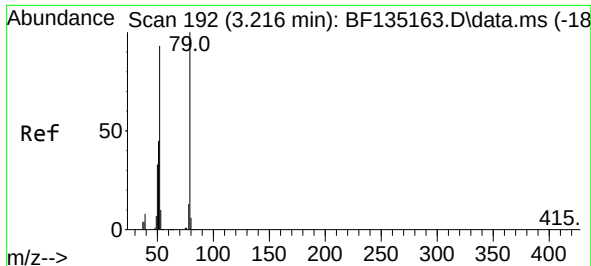
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#2
1,4-Dioxane
Concen: 48.016 ng
RT: 2.557 min Scan# 80
Delta R.T. 0.106 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion: 88 Resp: 223051
Ion Ratio Lower Upper
88 100
58 88.9 78.3 117.5
43 34.0 29.4 44.0





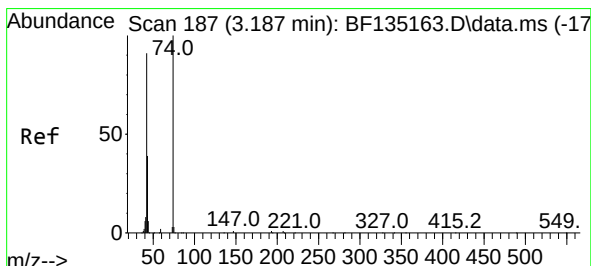
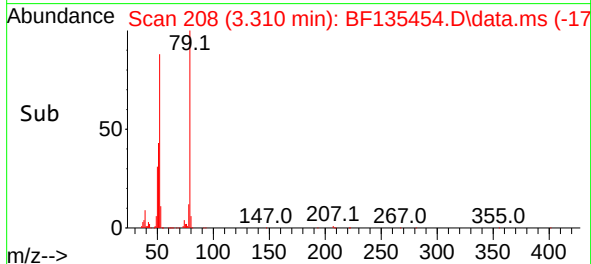
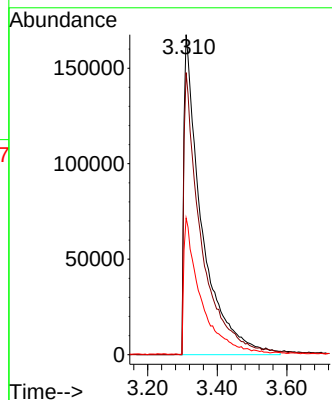
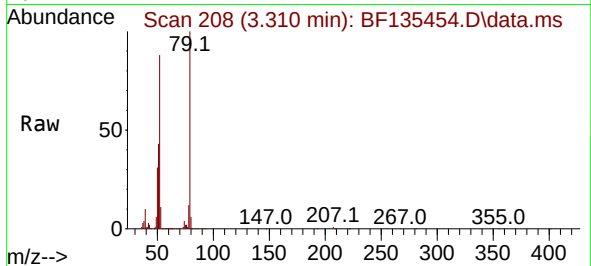
#3
Pyridine
Concen: 47.320 ng
RT: 3.310 min Scan# 20
Delta R.T. 0.112 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tgt Ion: 79 Resp: 591618
Ion Ratio Lower Upper
79 100
52 88.2 74.1 111.1
51 42.7 35.8 53.8

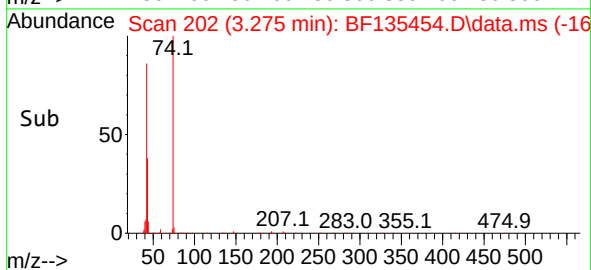
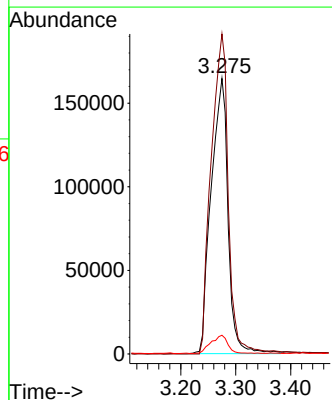
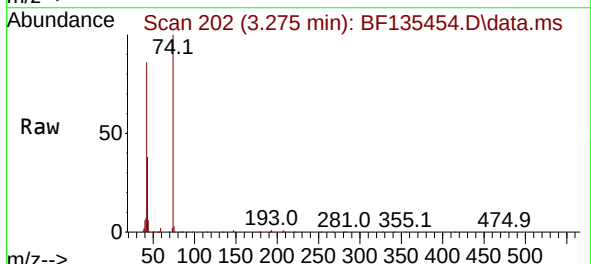
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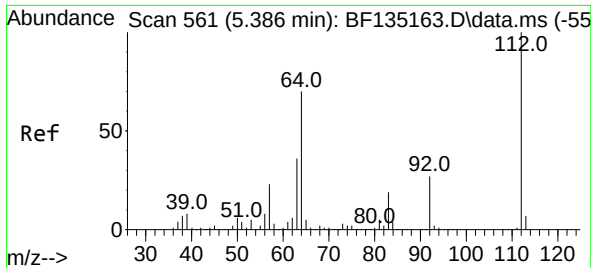
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#4
n-Nitrosodimethylamine
Concen: 53.106 ng
RT: 3.275 min Scan# 202
Delta R.T. 0.106 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion: 42 Resp: 352333
Ion Ratio Lower Upper
42 100
74 116.1 87.7 131.5
44 6.8 5.6 8.4





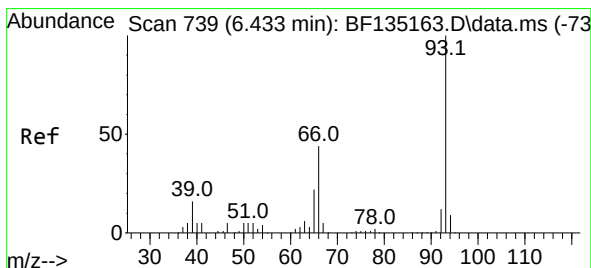
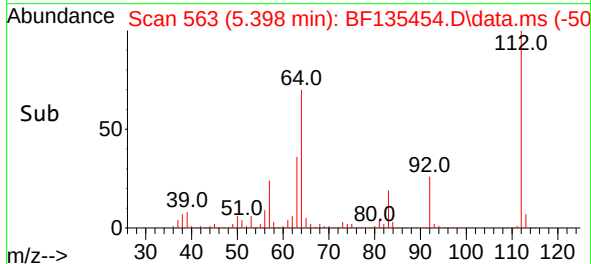
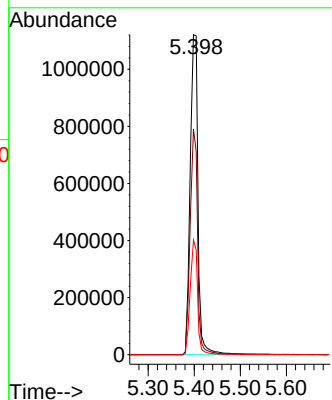
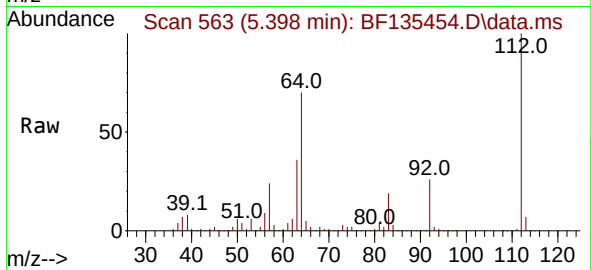
#5
2-Fluorophenol
Concen: 125.055 ng
RT: 5.398 min Scan# 50
Delta R.T. 0.017 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :
BNA_F
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Tgt Ion:112 Resp: 132515
Ion Ratio Lower Upper
112 100
64 70.4 55.9 83.9
63 35.9 29.0 43.6

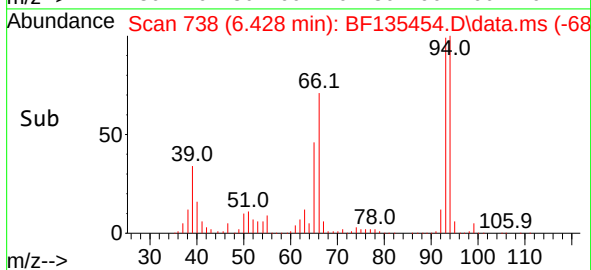
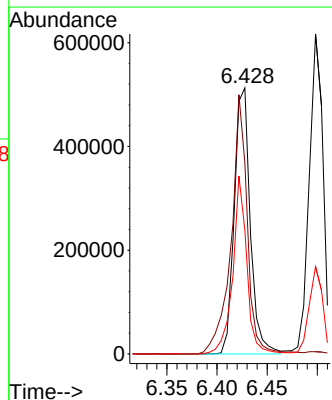
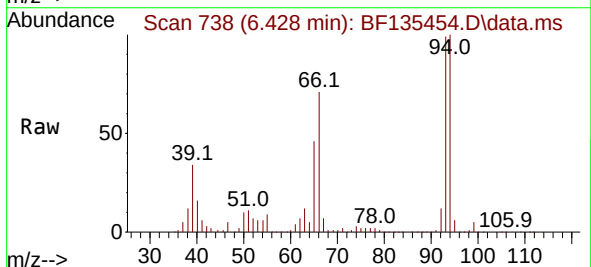
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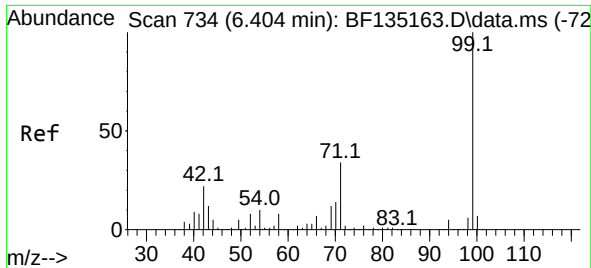
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#6
Aniline
Concen: 32.195 ng
RT: 6.428 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion: 93 Resp: 568852
Ion Ratio Lower Upper
93 100
66 72.0 35.4 53.0#
65 46.7 17.8 26.8#





#7

Phenol-d6

Concen: 125.181 ng

RT: 6.410 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion: 99 Resp: 168671

Ion Ratio Lower Upper

99 100

42 23.2 17.9 26.9

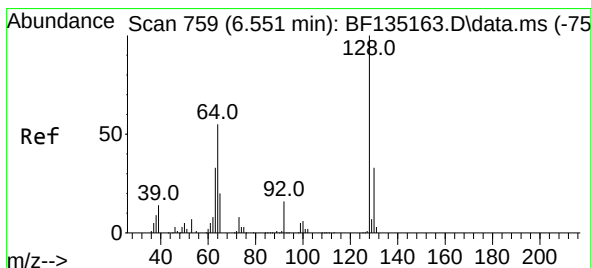
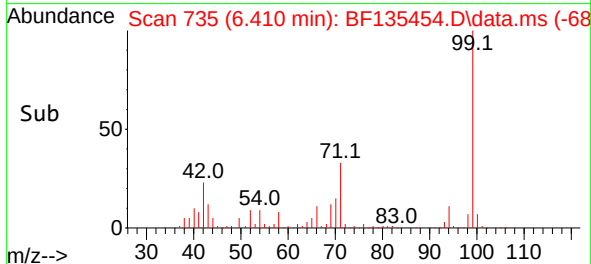
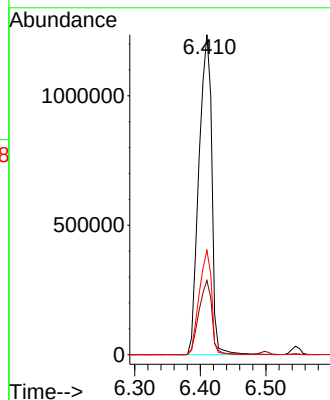
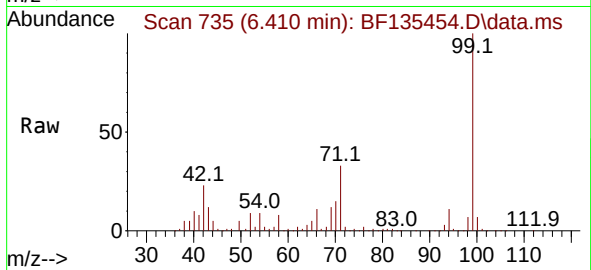
71 32.6 27.0 40.6

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Supervised By :mohammad ahmed 09/29/2023



#8

2-Chlorophenol

Concen: 53.536 ng

RT: 6.545 min Scan# 758

Delta R.T. -0.000 min

Lab File: BF135454.D

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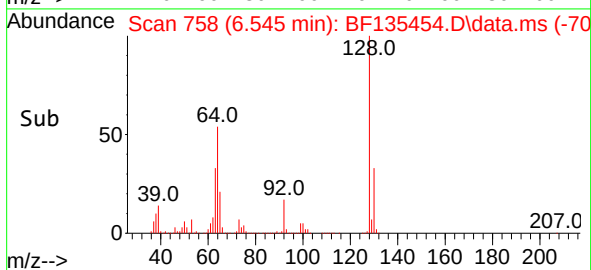
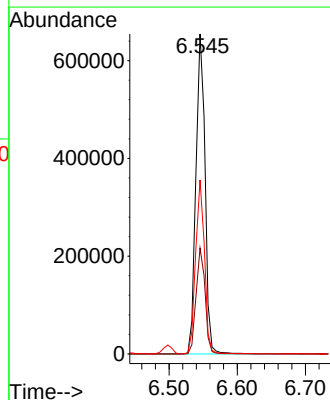
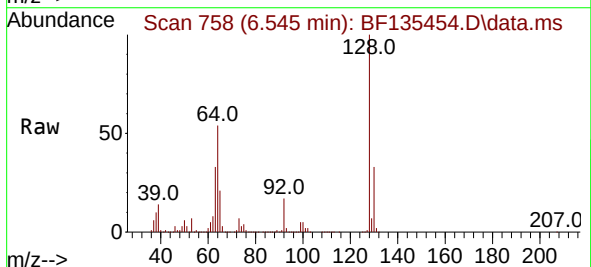
Tgt Ion:128 Resp: 605595

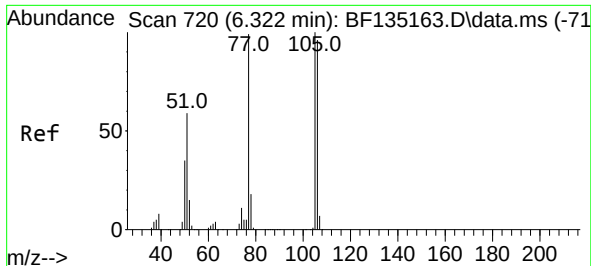
Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

64 54.3 35.9 75.9





#9

Benzaldehyde

Concen: 21.673 ng

RT: 6.310 min Scan# 718

Delta R.T. -0.000 min

Lab File: BF135454.D

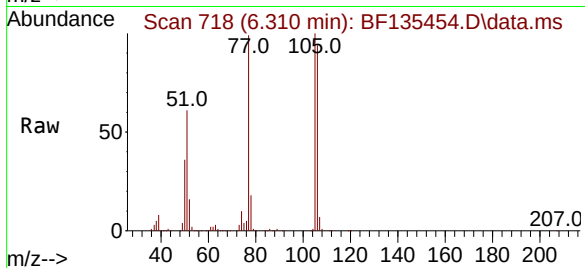
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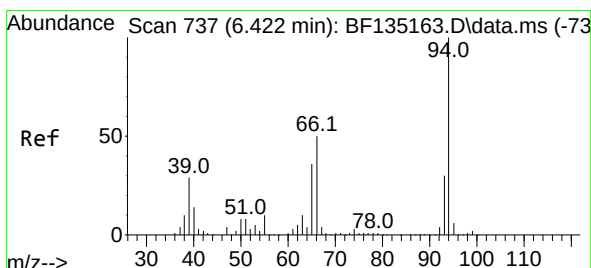
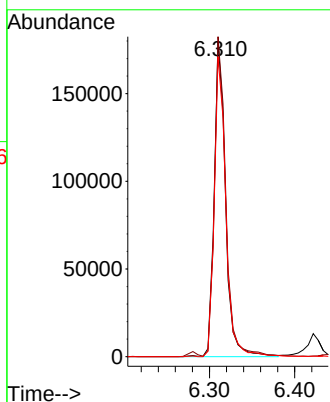
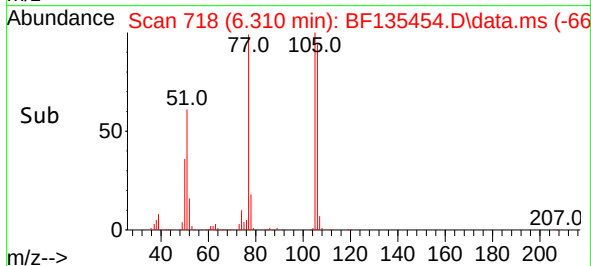
Tgt Ion: 77	Resp: 16636
Ion Ratio	Lower Upper
77	100
105	101.4 81.4 121.4
106	95.1 76.9 116.9

Manual Integrations

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#10

Phenol

Concen: 46.411 ng

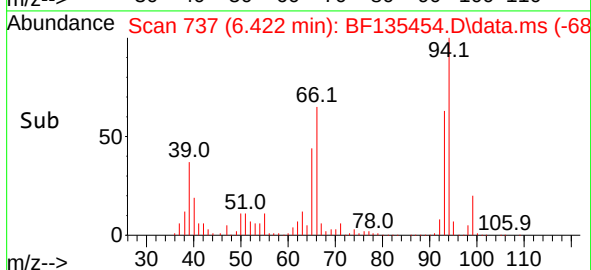
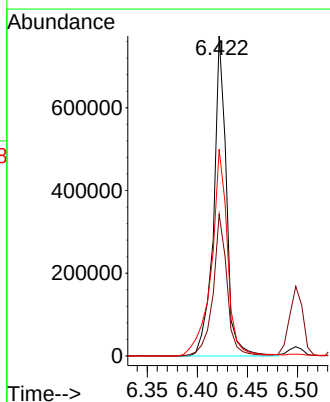
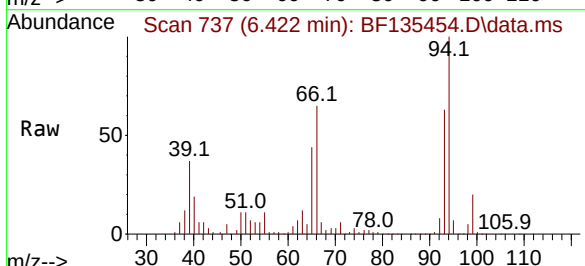
RT: 6.422 min Scan# 737

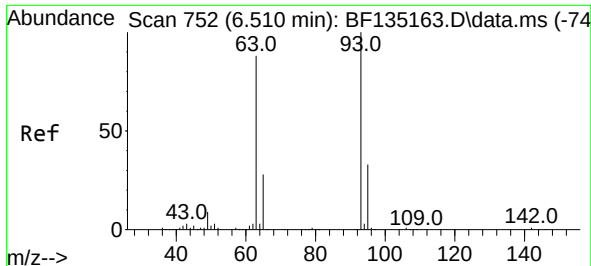
Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Tgt Ion: 94	Resp: 685716
Ion Ratio	Lower Upper
94	100
65	44.3 15.9 55.9
66	64.6 29.8 69.8





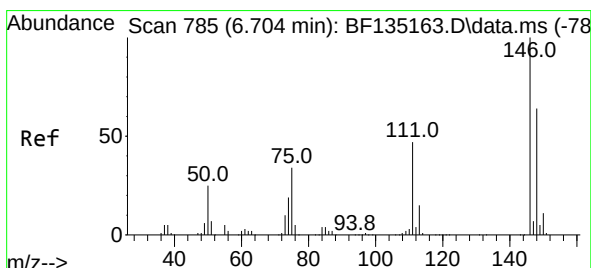
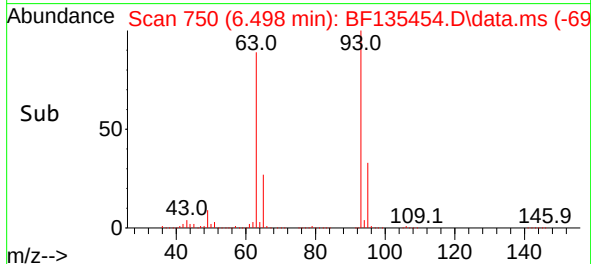
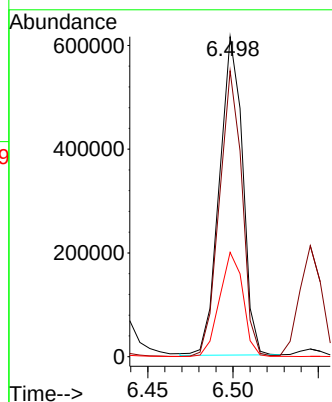
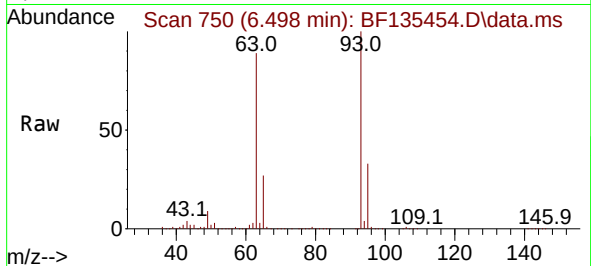
#11
bis(2-Chloroethyl)ether
Concen: 52.402 ng
RT: 6.498 min Scan# 750
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tgt Ion: 93 Resp: 58076
Ion Ratio Lower Upper
93 100
63 89.4 67.3 107.3
95 32.6 12.7 52.7

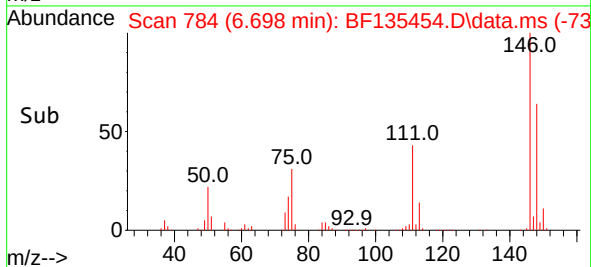
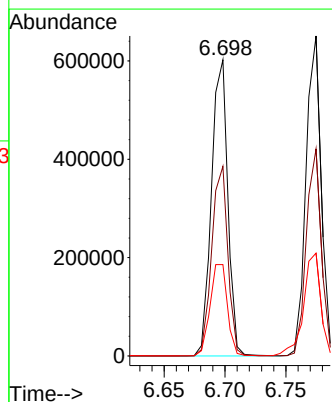
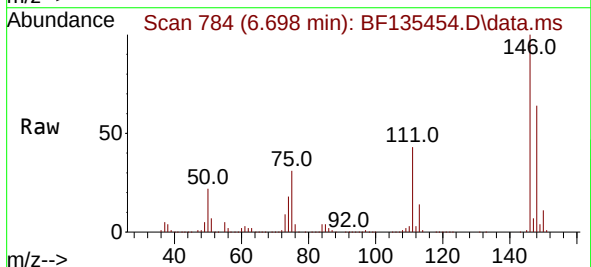
Manual Integrations
APPROVED

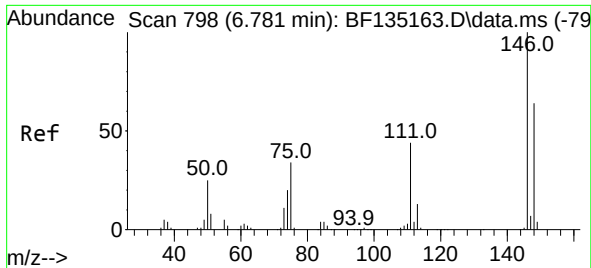
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#12
1,3-Dichlorobenzene
Concen: 48.761 ng
RT: 6.698 min Scan# 784
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:146 Resp: 560562
Ion Ratio Lower Upper
146 100
148 64.0 51.3 76.9
75 30.9 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 48.590 ng

RT: 6.775 min Scan# 798

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:146 Resp: 568318

Ion Ratio Lower Upper

146 100

148 64.7 51.3 76.9

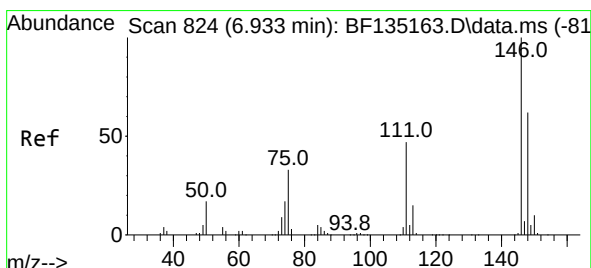
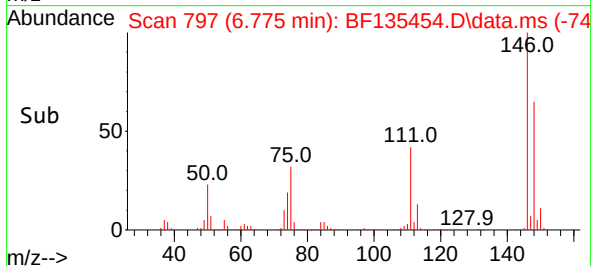
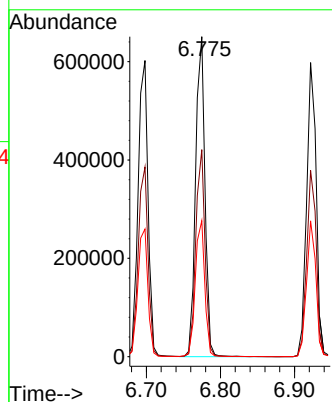
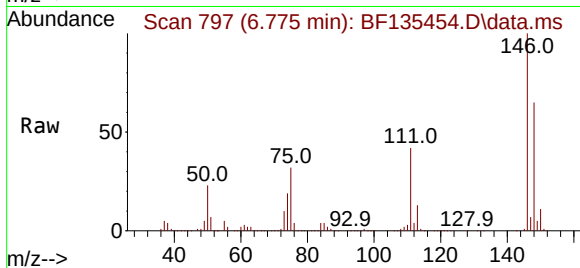
111 42.5 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#14

1,2-Dichlorobenzene

Concen: 49.276 ng

RT: 6.922 min Scan# 822

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

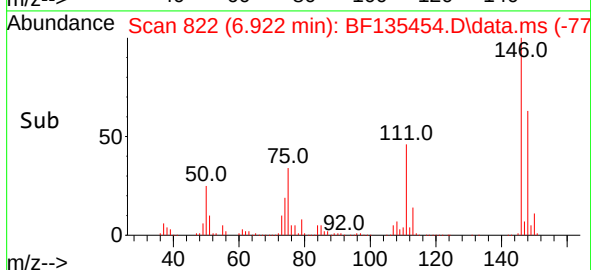
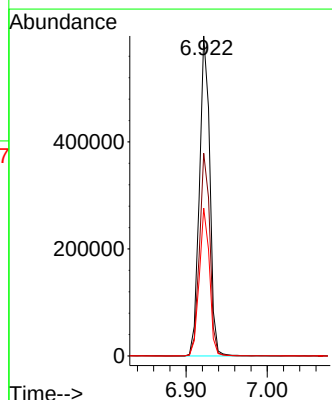
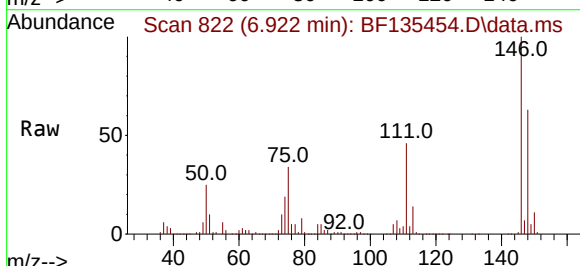
Tgt Ion:146 Resp: 535225

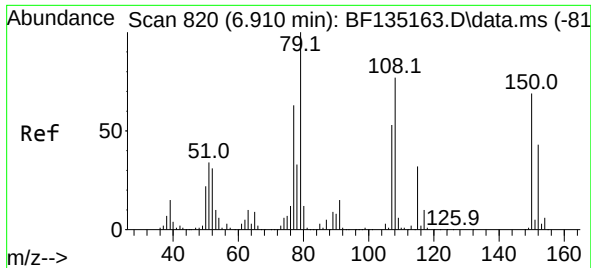
Ion Ratio Lower Upper

146 100

148 63.3 49.7 74.5

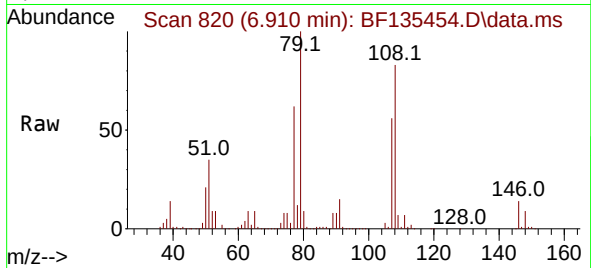
111 46.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 51.299 ng
RT: 6.910 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

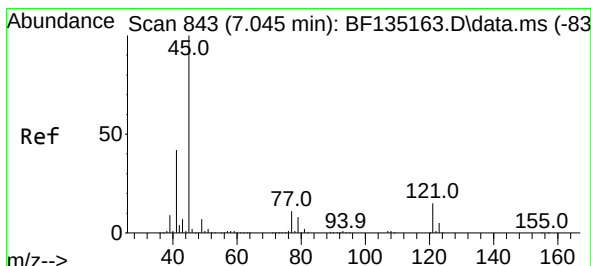
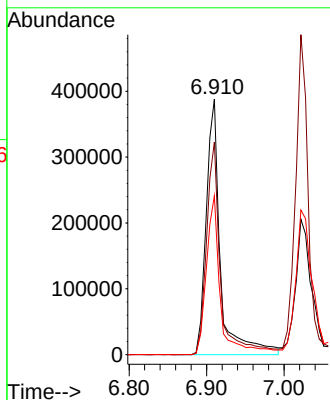
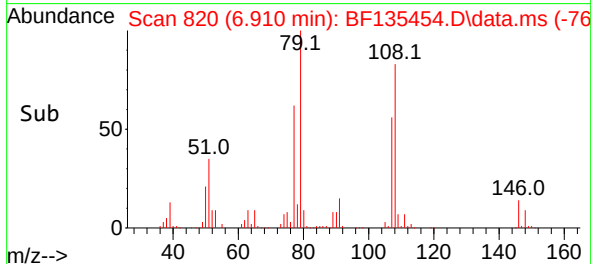
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion: 79 Resp: 496009
Ion Ratio Lower Upper
79 100
108 83.2 61.2 91.8
77 62.2 50.5 75.7

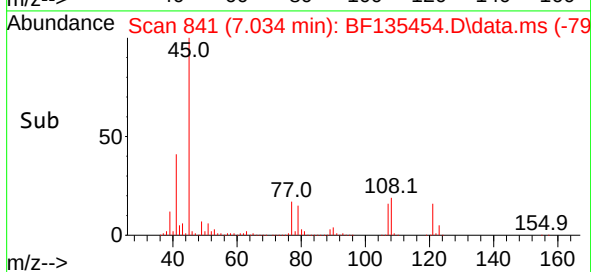
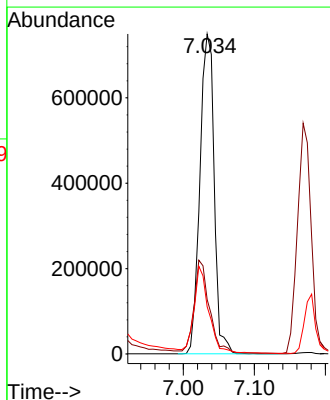
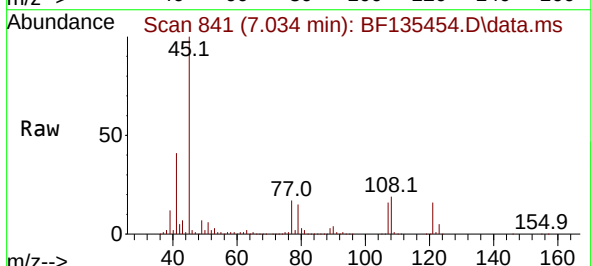
Manual Integrations
APPROVED

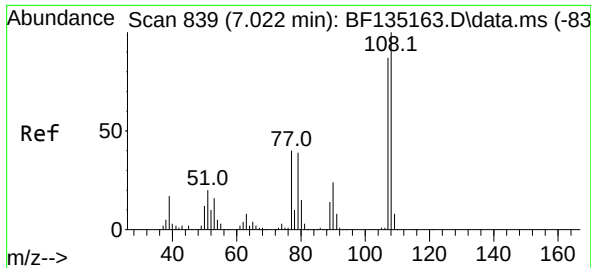
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.120 ng
RT: 7.034 min Scan# 841
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

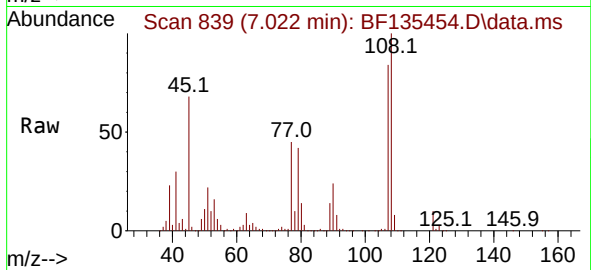
Tgt Ion: 45 Resp: 1047026
Ion Ratio Lower Upper
45 100
77 17.0 0.0 30.6
79 14.8 0.0 28.3





#17
2-Methylphenol
Concen: 48.140 ng
RT: 7.022 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

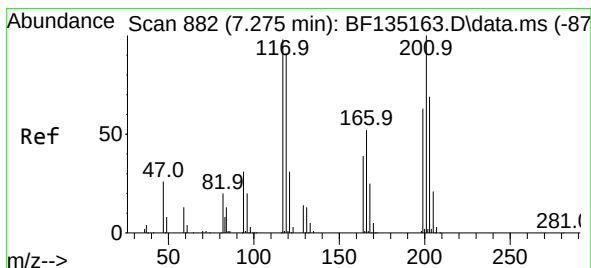
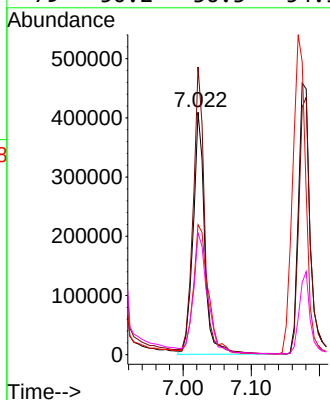
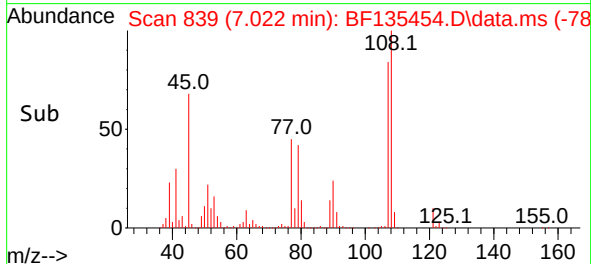
Instrument :
BNA_F
ClientSampleId :
TP-AMS



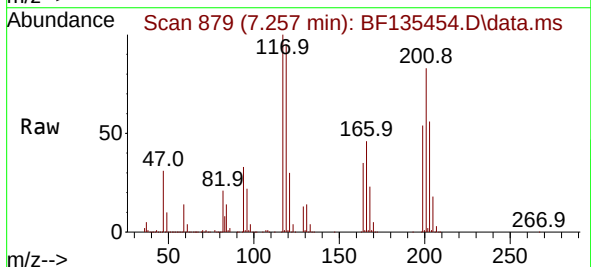
Tgt Ion:107 Resp: 480549
Ion Ratio Lower Upper
107 100
108 118.6 92.0 138.0
77 53.6 36.7 55.1
79 50.2 36.3 54.5

Manual Integrations
APPROVED

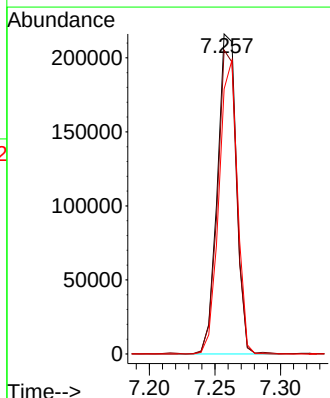
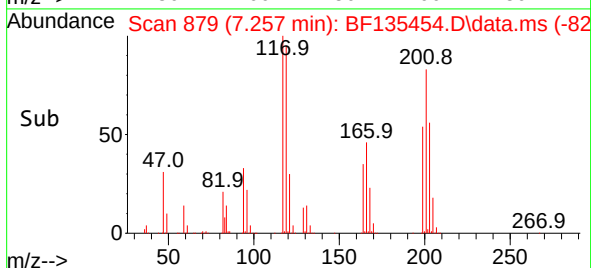
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

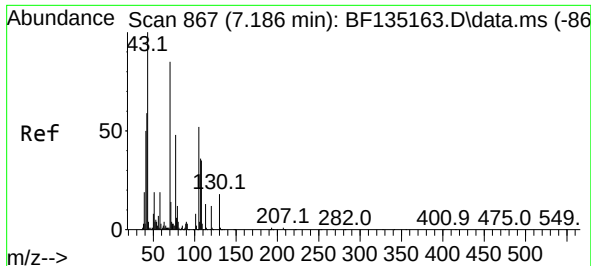


#18
Hexachloroethane
Concen: 50.440 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



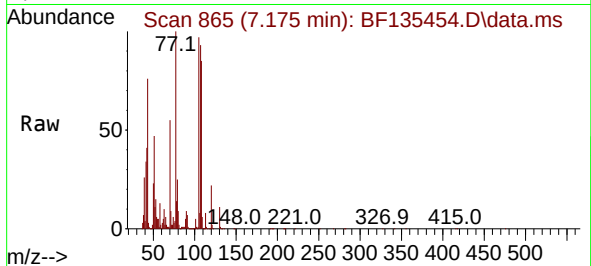
Tgt Ion:117 Resp: 217984
Ion Ratio Lower Upper
117 100
119 94.9 74.7 112.1
201 82.8 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.482 ng
RT: 7.175 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

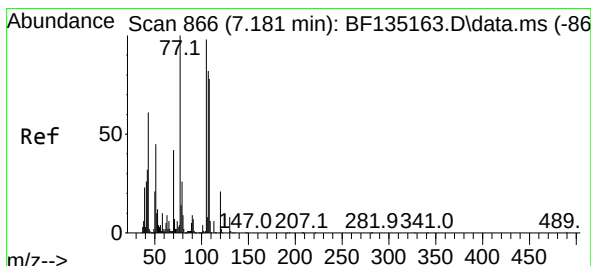
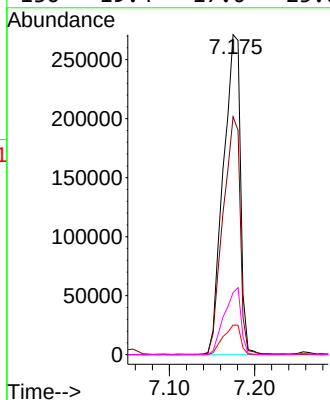
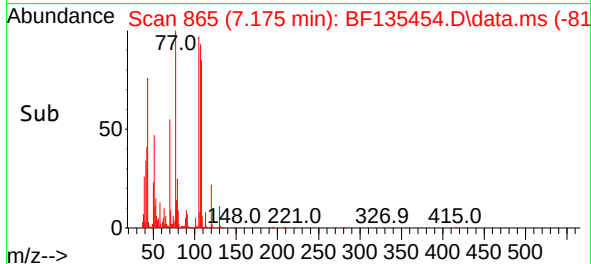
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion: 70 Resp: 379590
Ion Ratio Lower Upper
70 100
42 74.3 55.4 83.0
101 9.2 7.7 11.5
130 19.4 17.0 25.6

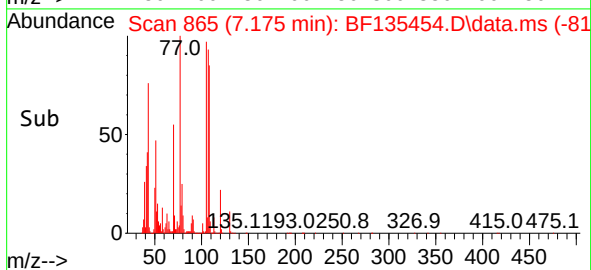
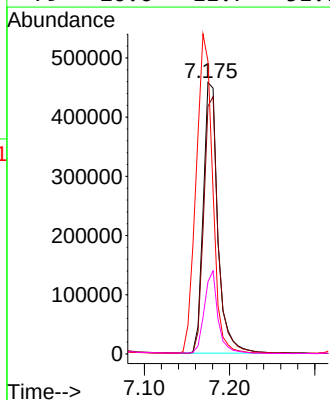
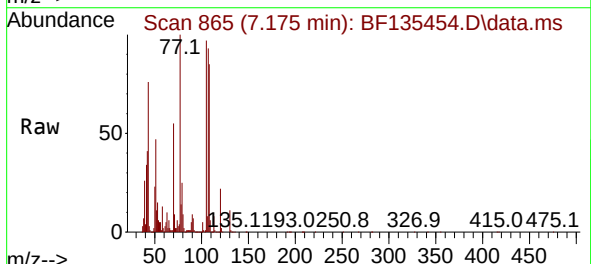
Manual Integrations
APPROVED

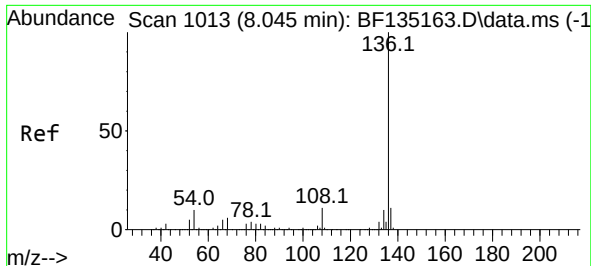
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#20
3+4-Methylphenols
Concen: 45.279 ng
RT: 7.175 min Scan# 865
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:107 Resp: 543507
Ion Ratio Lower Upper
107 100
108 91.2 74.7 114.7
77 107.9 102.0 142.0
79 26.6 11.7 51.7





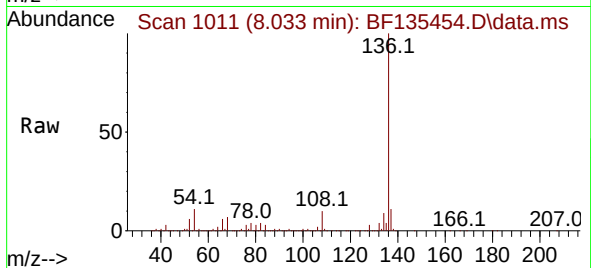
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.033 min Scan# 1013
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

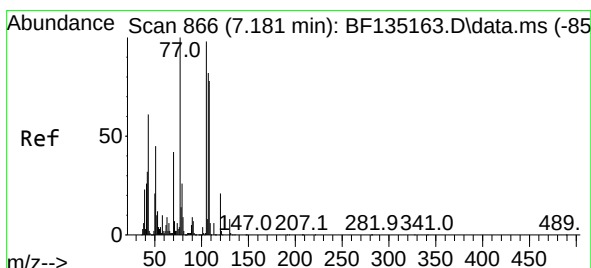
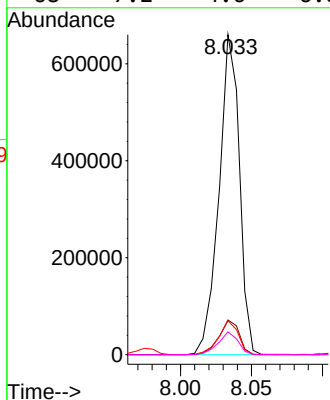
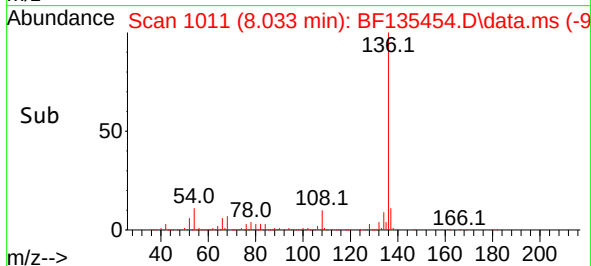


Tgt Ion:136 Resp: 659338
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.6 7.7 11.5
68 7.2 4.6 6.8#

Manual Integrations

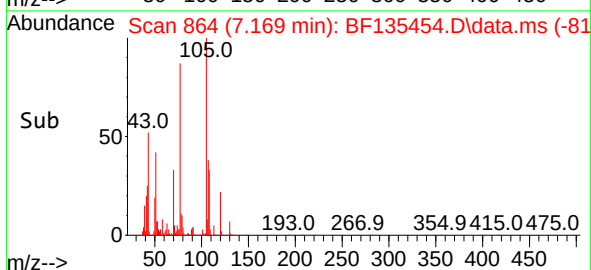
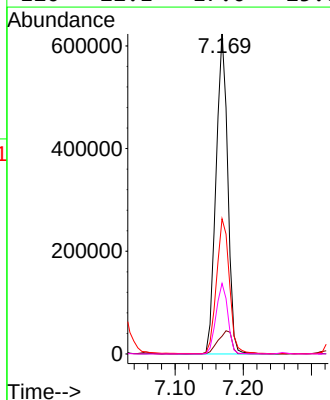
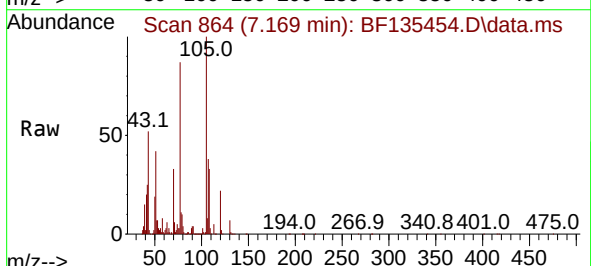
APPROVED

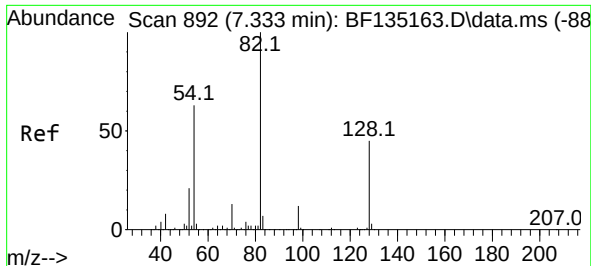
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#22
Acetophenone
Concen: 49.424 ng
RT: 7.169 min Scan# 864
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:105 Resp: 745028
Ion Ratio Lower Upper
105 100
71 5.6 5.8 8.6#
51 42.3 37.0 55.4
120 22.1 17.0 25.6





#23

Nitrobenzene-d5

Concen: 88.516 ng

RT: 7.328 min Scan# 891

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion: 82 Resp: 107422

Ion Ratio Lower Upper

82 100

128 45.7 35.8 53.6

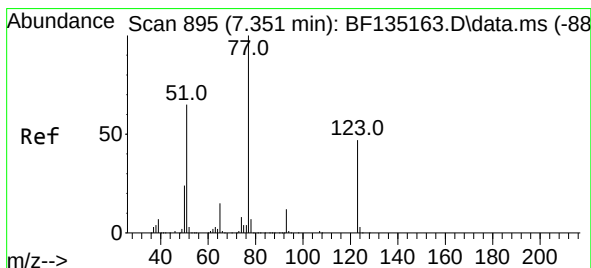
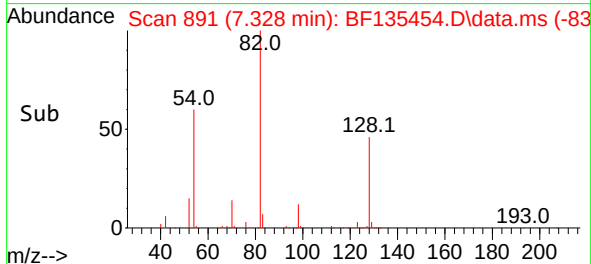
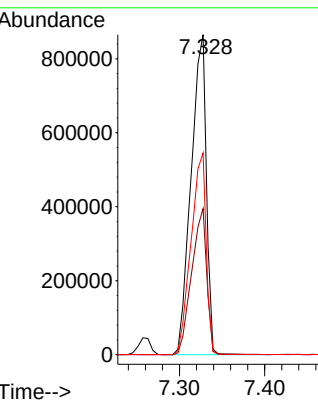
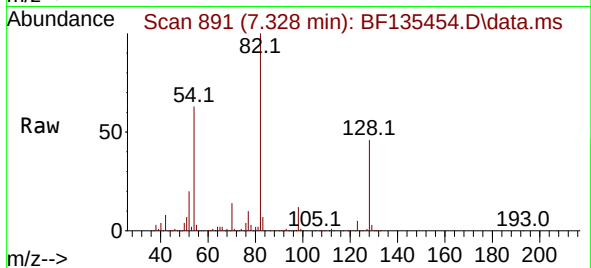
54 63.1 50.6 76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#24

Nitrobenzene

Concen: 51.869 ng

RT: 7.345 min Scan# 894

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

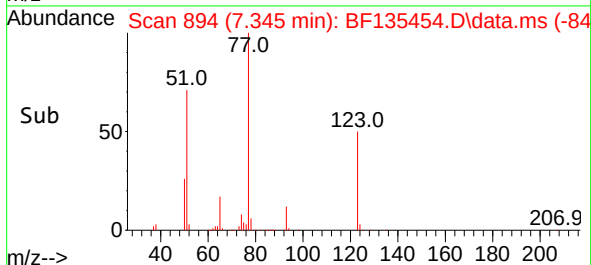
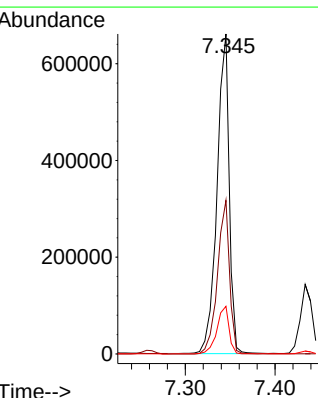
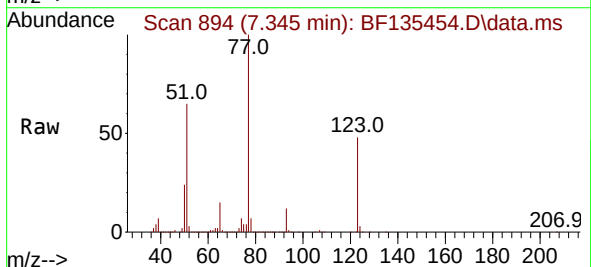
Tgt Ion: 77 Resp: 622171

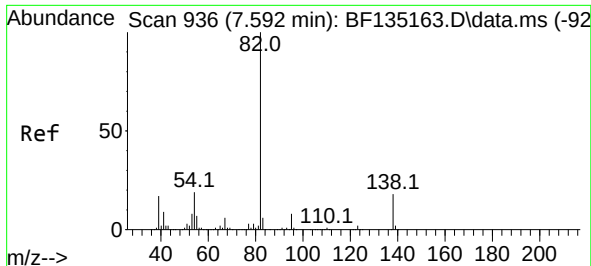
Ion Ratio Lower Upper

77 100

123 48.0 37.6 56.4

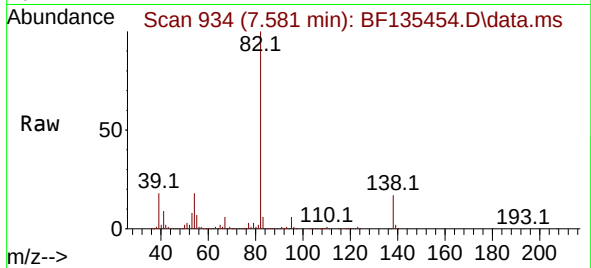
65 14.9 12.2 18.4





#25
Isophorone
Concen: 52.981 ng
RT: 7.581 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

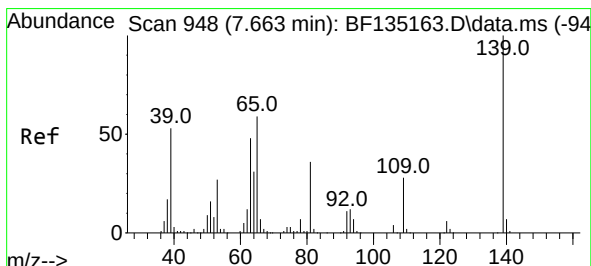
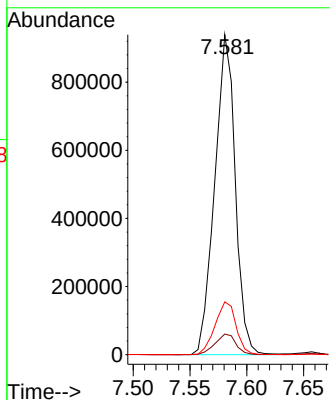
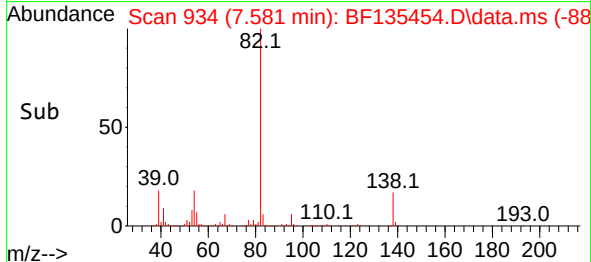
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion: 82 Resp: 118066
Ion Ratio Lower Upper
82 100
95 6.5 6.0 9.0
138 16.5 14.5 21.7

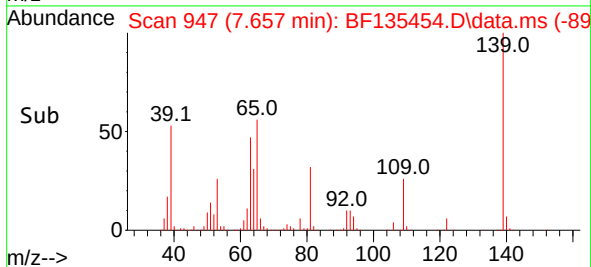
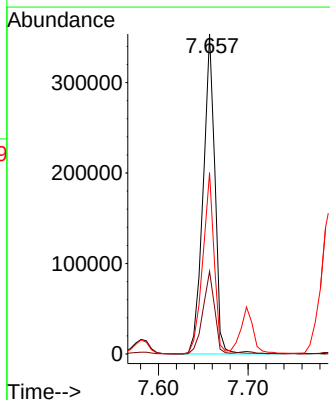
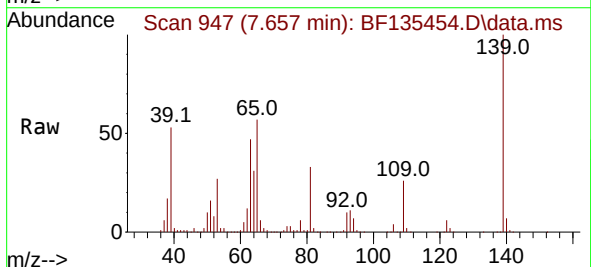
Manual Integrations
APPROVED

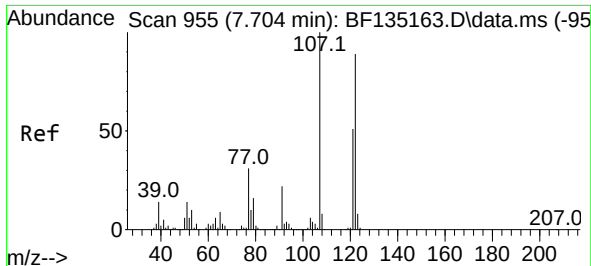
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#26
2-Nitrophenol
Concen: 55.963 ng
RT: 7.657 min Scan# 947
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:139 Resp: 322182
Ion Ratio Lower Upper
139 100
109 25.8 22.6 33.8
65 56.7 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 49.277 ng

RT: 7.698 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

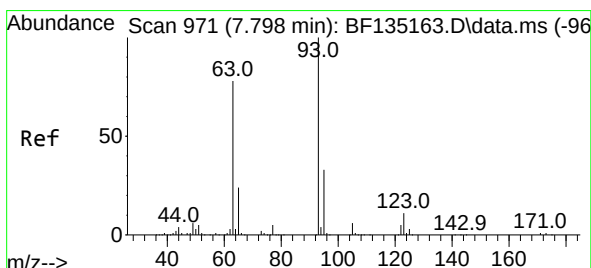
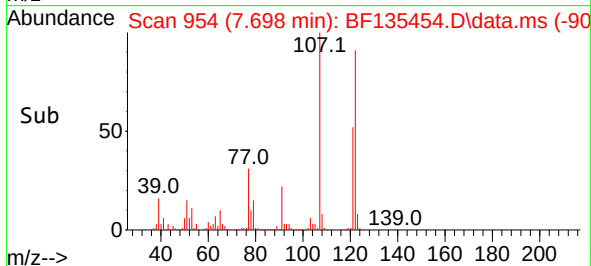
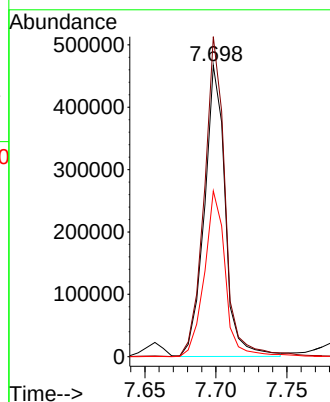
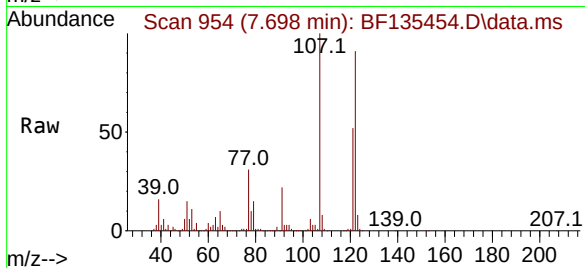
Tgt Ion:	122	Resp:	47684
Ion Ratio	Lower	Upper	
122	100		
107	109.9	90.2	135.4
121	56.9	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#28

bis(2-Chloroethoxy)methane

Concen: 54.351 ng

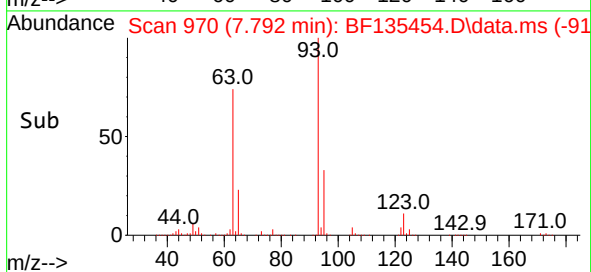
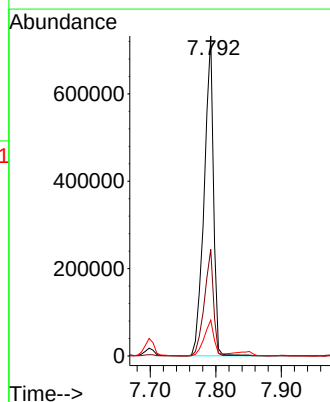
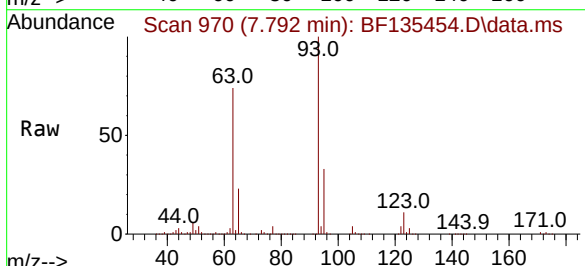
RT: 7.792 min Scan# 970

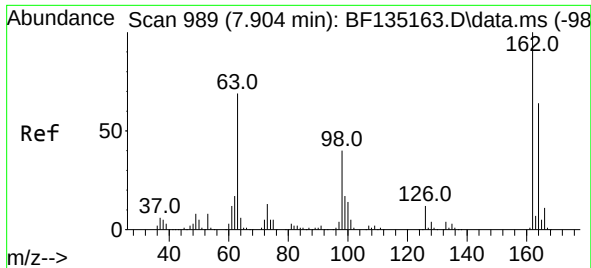
Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Tgt Ion:	93	Resp:	724942
Ion Ratio	Lower	Upper	
93	100		
95	33.3	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 52.149 ng

RT: 7.904 min Scan# 989

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:162 Resp: 46760

Ion Ratio Lower Upper

162 100

164 64.3 44.1 84.1

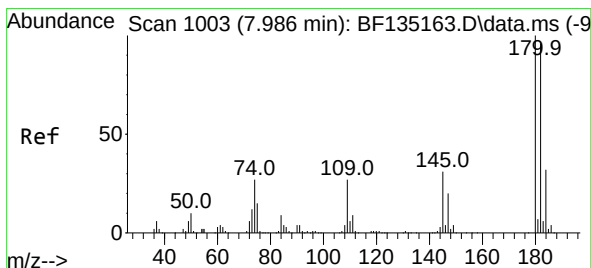
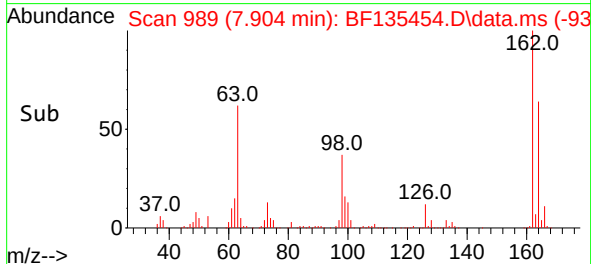
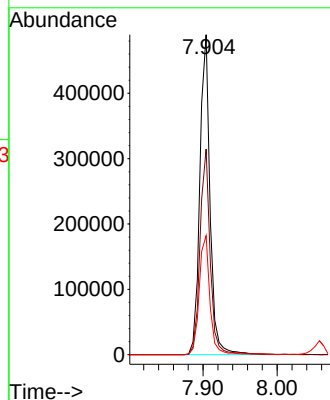
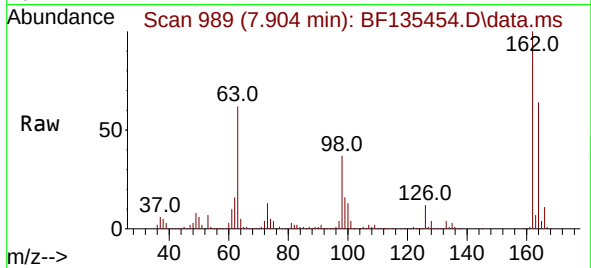
98 37.2 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.865 ng

RT: 7.981 min Scan# 1002

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

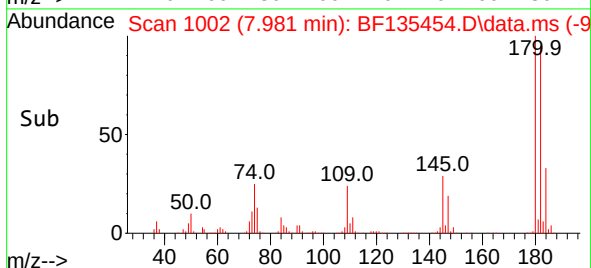
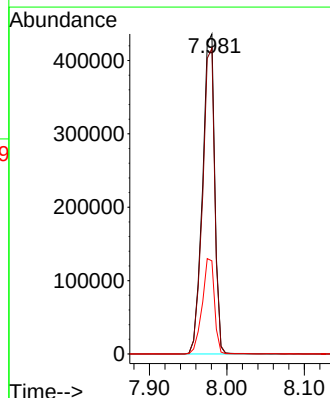
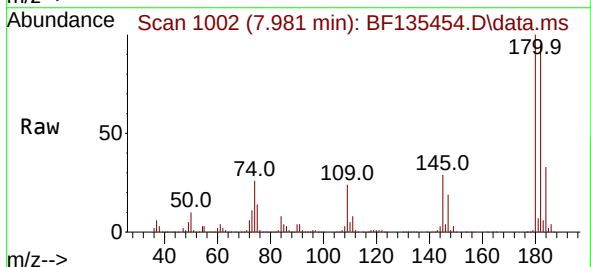
Tgt Ion:180 Resp: 476719

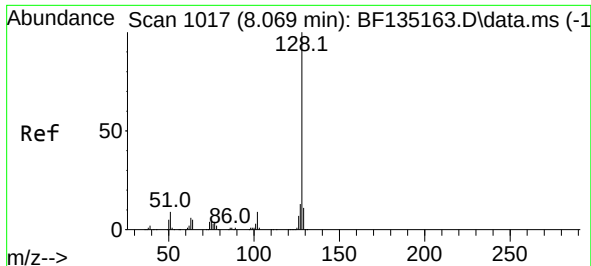
Ion Ratio Lower Upper

180 100

182 95.5 76.9 115.3

145 29.1 24.5 36.7





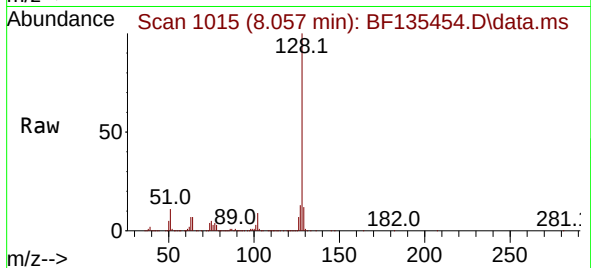
#31
Naphthalene
Concen: 49.613 ng
RT: 8.057 min Scan# 1015
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

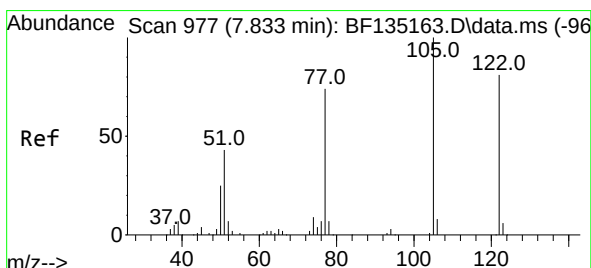
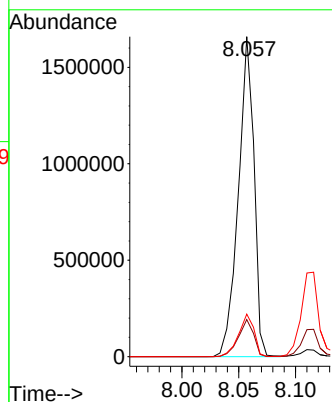
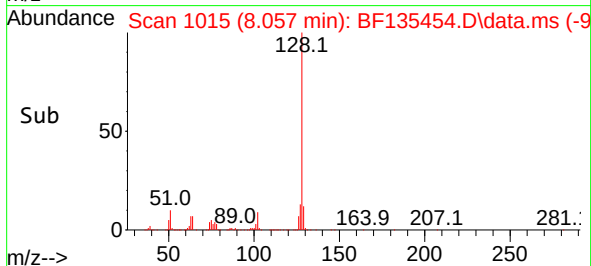


Tgt Ion:128 Resp: 1589379
Ion Ratio Lower Upper
128 100
129 11.6 8.7 13.1
127 13.3 10.7 16.1

Manual Integrations

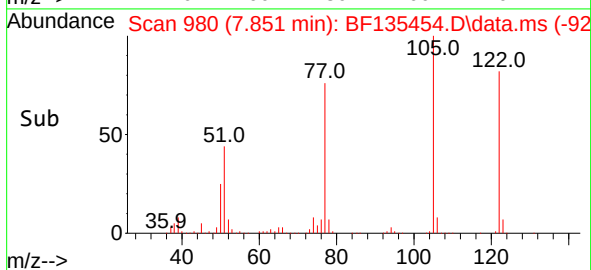
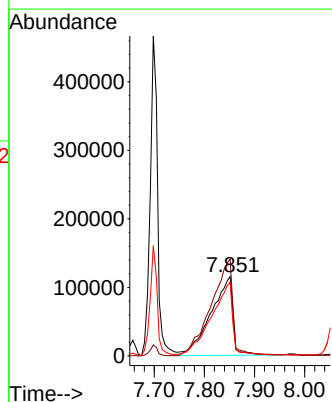
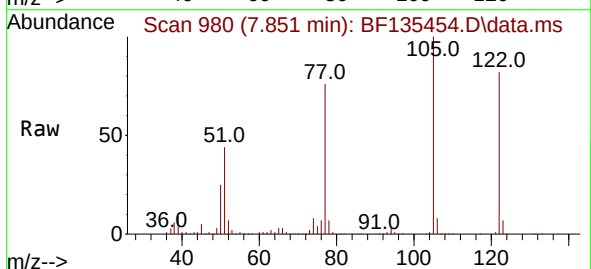
APPROVED

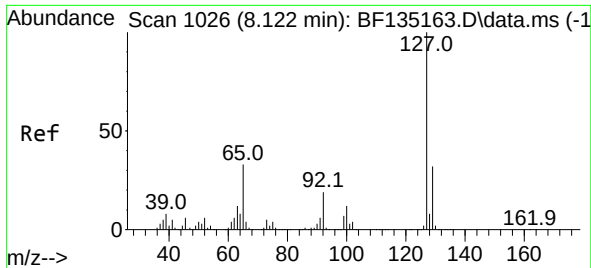
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#32
Benzoic acid
Concen: 47.997 ng
RT: 7.851 min Scan# 980
Delta R.T. 0.023 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:122 Resp: 349741
Ion Ratio Lower Upper
122 100
105 121.8 99.9 139.9
77 93.2 70.0 110.0





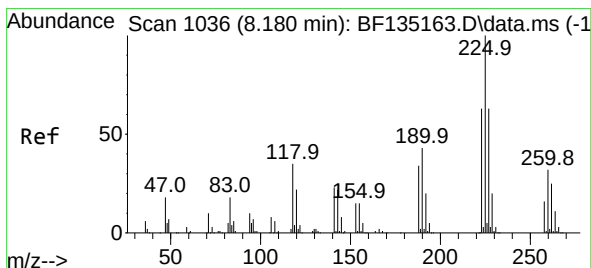
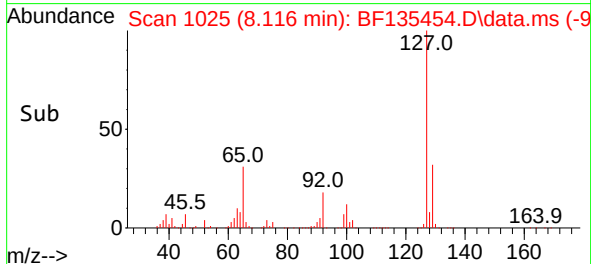
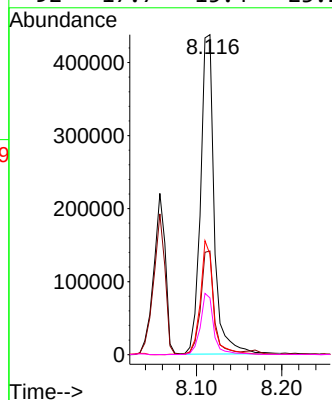
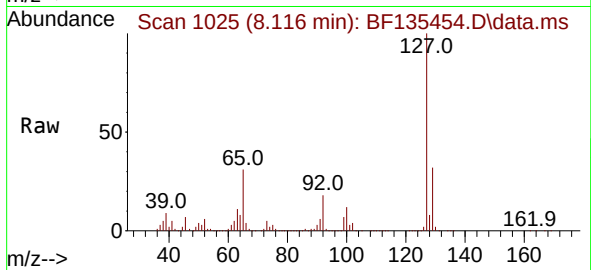
#33
4-Chloroaniline
Concen: 34.746 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tgt Ion:	127	Resp:	48836
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.8	38.8
65	31.3	26.6	39.8
92	17.7	15.4	23.2

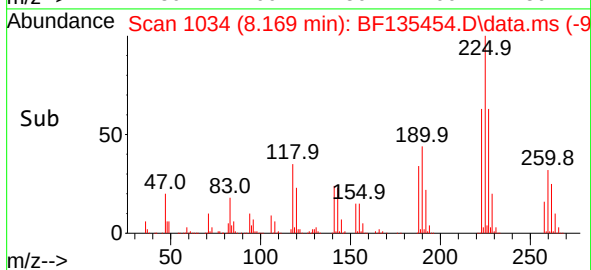
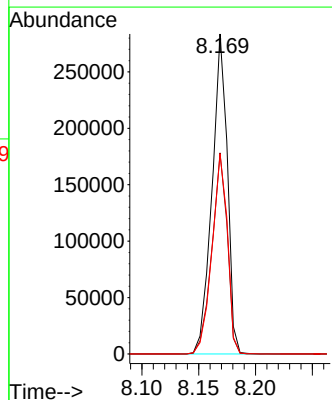
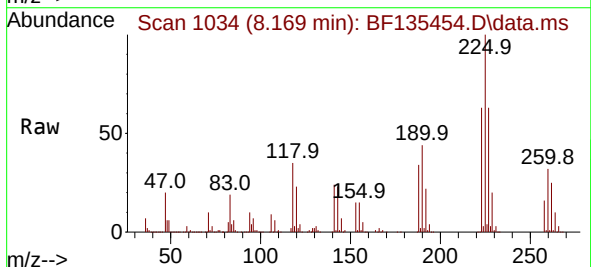
Manual Integrations
APPROVED

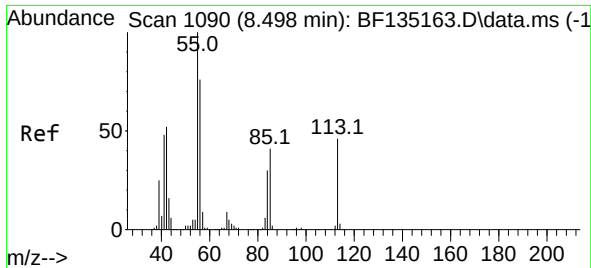
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#34
Hexachlorobutadiene
Concen: 46.922 ng
RT: 8.169 min Scan# 1034
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

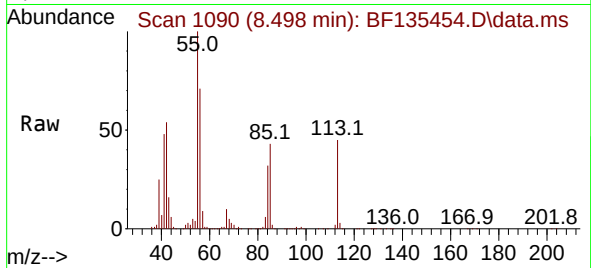
Tgt Ion:	225	Resp:	265172
Ion Ratio	Lower	Upper	
225	100		
223	62.9	50.6	75.8
227	62.5	50.8	76.2





#35
 Caprolactam
 Concen: 54.387 ng m
 RT: 8.498 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54

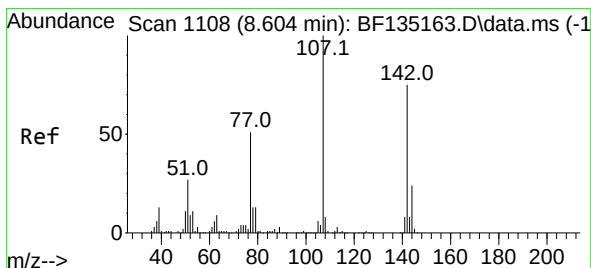
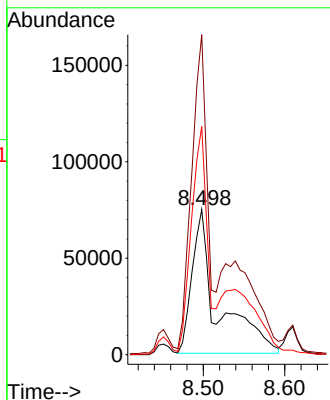
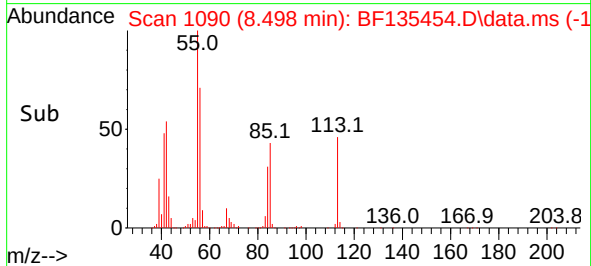
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS



Tgt Ion:113 Resp: 163670
 Ion Ratio Lower Upper
 113 100
 55 220.4 199.3 239.3
 56 157.2 146.3 186.3

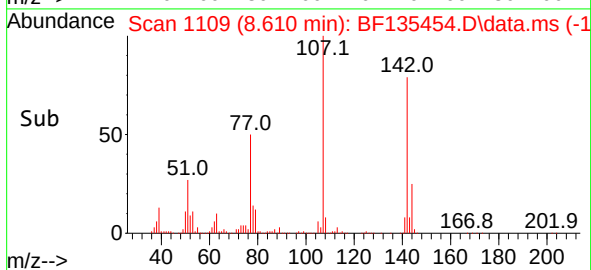
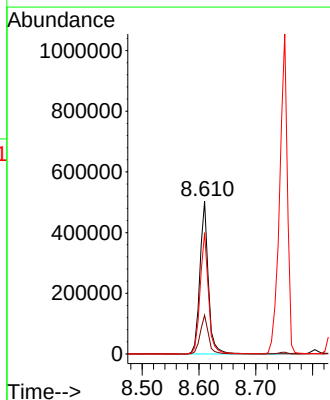
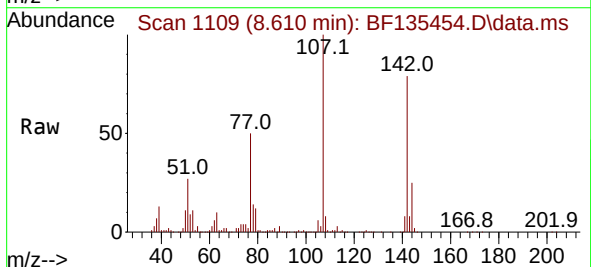
Manual Integrations
 APPROVED

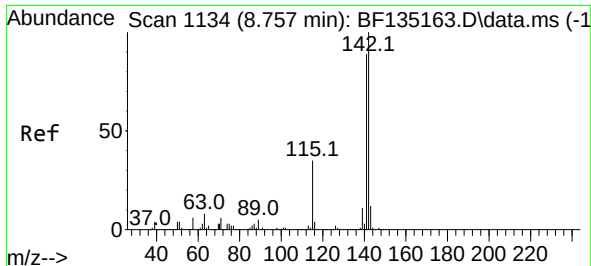
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023



#36
 4-Chloro-3-methylphenol
 Concen: 51.987 ng
 RT: 8.610 min Scan# 1109
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54

Tgt Ion:107 Resp: 518097
 Ion Ratio Lower Upper
 107 100
 144 25.3 19.0 28.4
 142 79.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.907 ng

RT: 8.751 min Scan# 1134

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:142 Resp: 101009

Ion Ratio Lower Upper

142 100

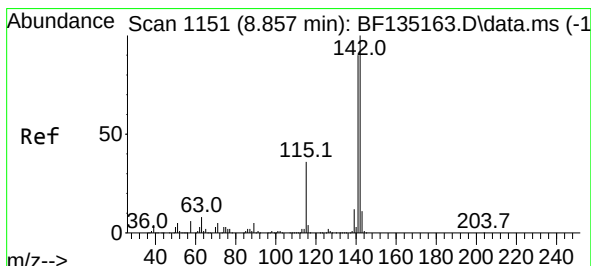
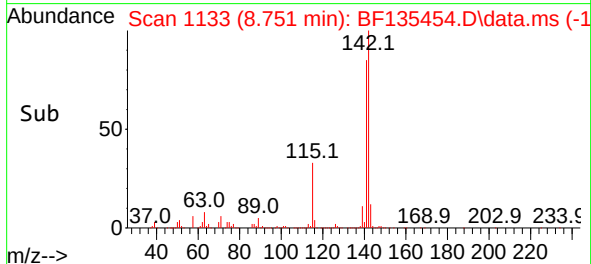
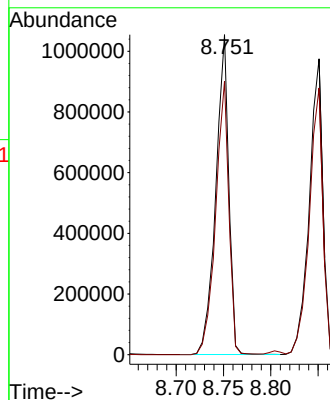
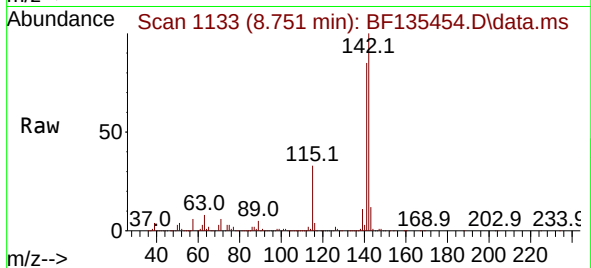
141 85.5 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#38

1-Methylnaphthalene

Concen: 48.225 ng

RT: 8.851 min Scan# 1150

Delta R.T. 0.006 min

Lab File: BF135454.D

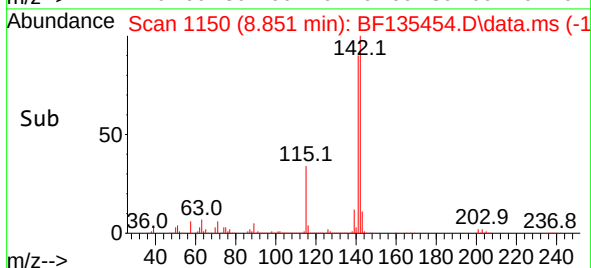
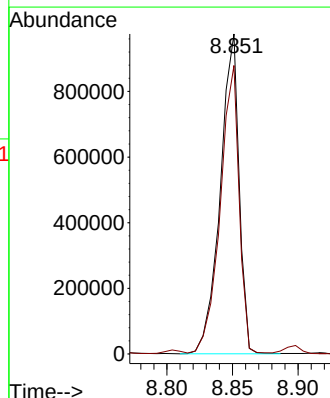
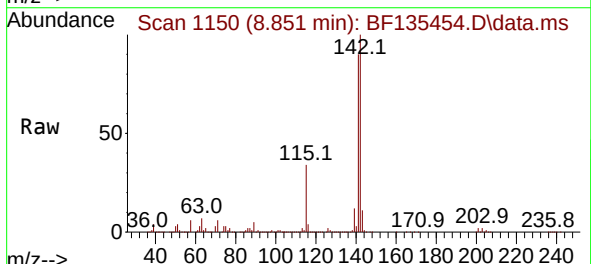
Acq: 26 Sep 2023 15:54

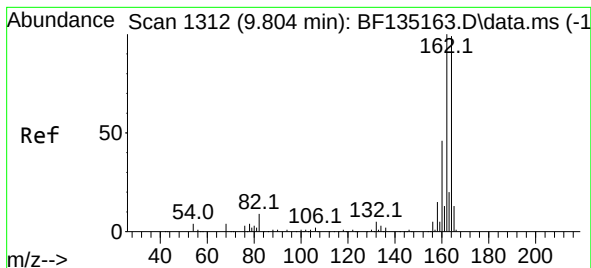
Tgt Ion:142 Resp: 972253

Ion Ratio Lower Upper

142 100

141 90.2 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1161

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

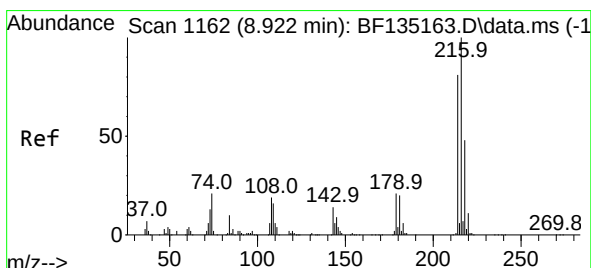
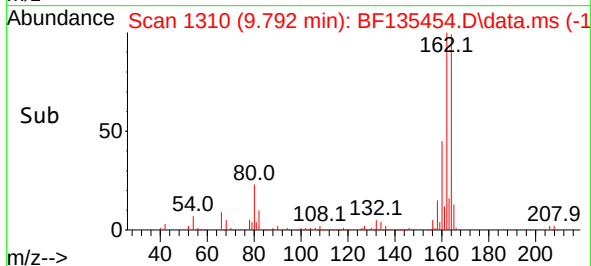
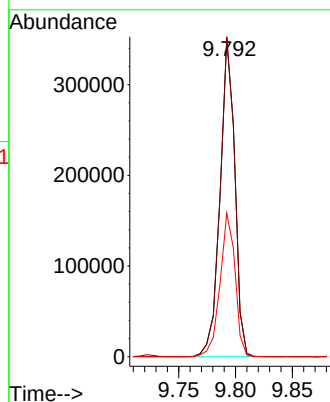
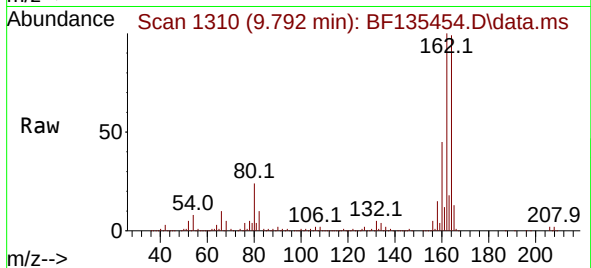
TP-AMS

Tgt Ion:164 Resp: 31778
 Ion Ratio Lower Upper
 164 100
 162 100.8 81.0 121.4
 160 45.2 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 50.403 ng

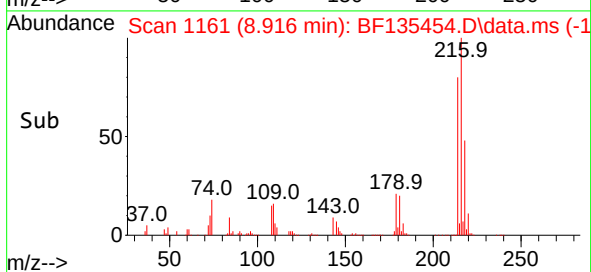
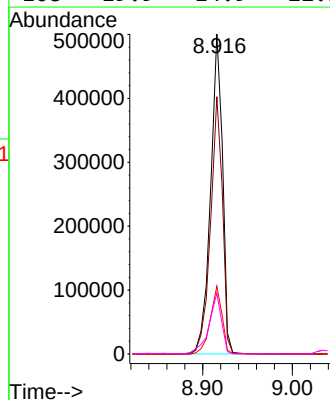
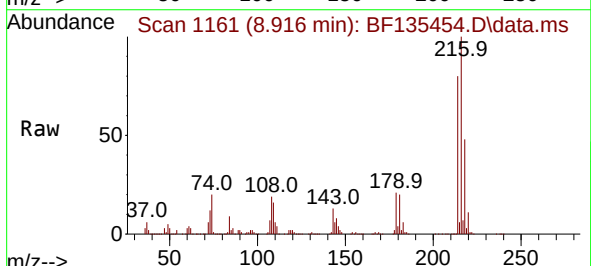
RT: 8.916 min Scan# 1161

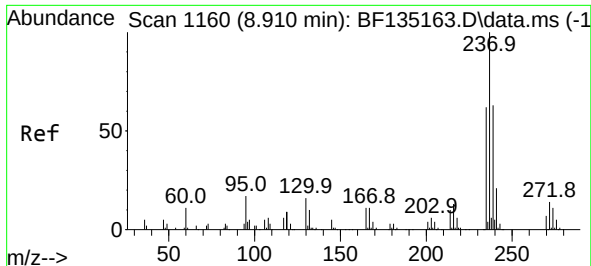
Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

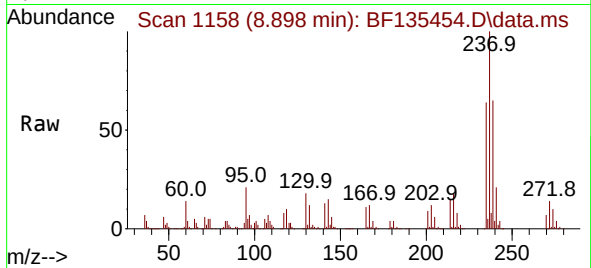
Tgt Ion:216 Resp: 464028
 Ion Ratio Lower Upper
 216 100
 214 79.9 63.7 95.5
 179 20.7 16.7 25.1
 108 19.9 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 45.638 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

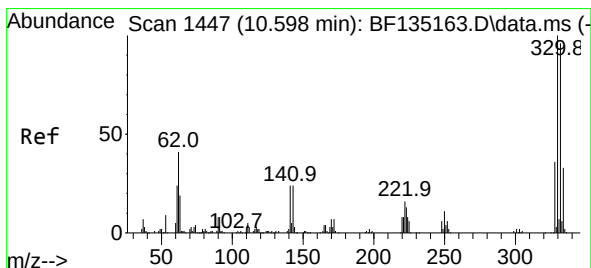
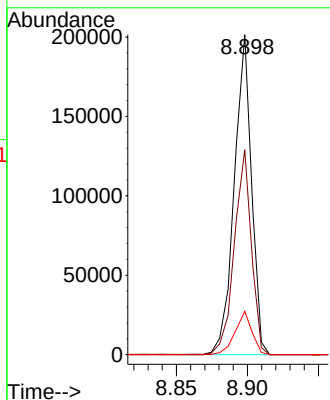
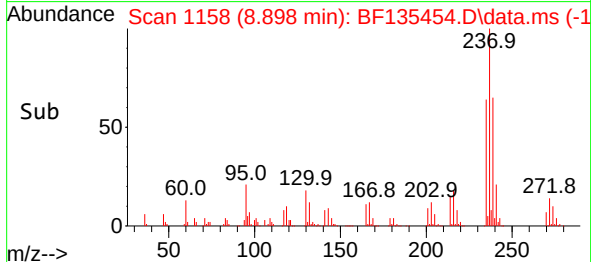
Instrument :
BNA_F
ClientSampleId :
TP-AMS



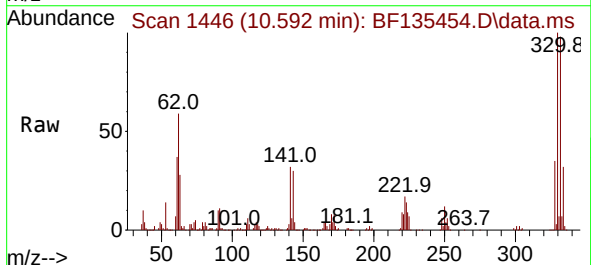
Tgt Ion:237 Resp: 17096
Ion Ratio Lower Upper
237 100
235 64.0 41.8 81.8
272 13.6 0.0 33.6

Manual Integrations
APPROVED

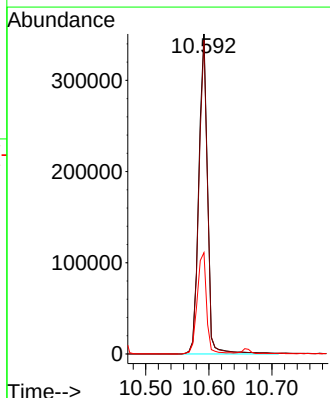
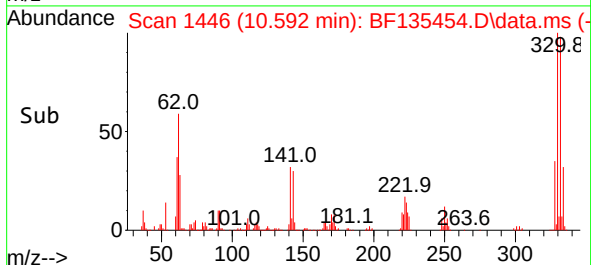
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

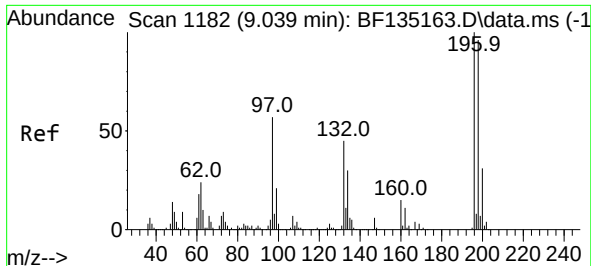


#42
2,4,6-Tribromophenol
Concen: 106.862 ng
RT: 10.592 min Scan# 1446
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



Tgt Ion:330 Resp: 337466
Ion Ratio Lower Upper
330 100
332 96.7 77.3 115.9
141 34.0 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 52.786 ng

RT: 9.033 min Scan# 1181

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:196 Resp: 31818

Ion Ratio Lower Upper

196 100

198 93.0 77.0 115.6

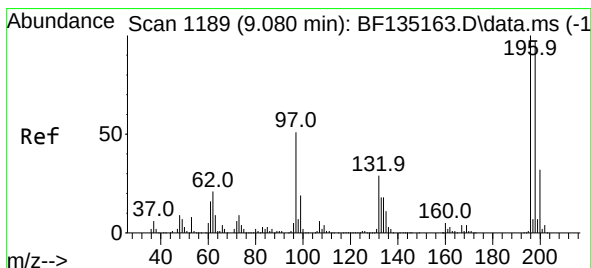
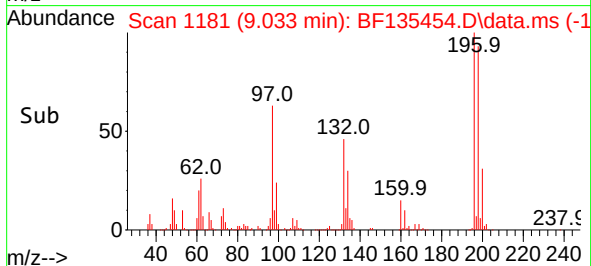
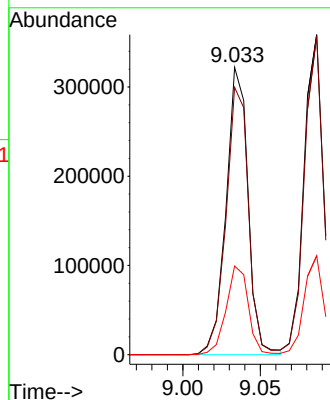
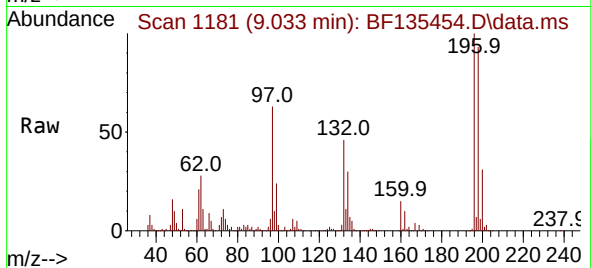
200 30.8 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#44

2,4,5-Trichlorophenol

Concen: 48.429 ng

RT: 9.086 min Scan# 1190

Delta R.T. 0.012 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Tgt Ion:196 Resp: 336178

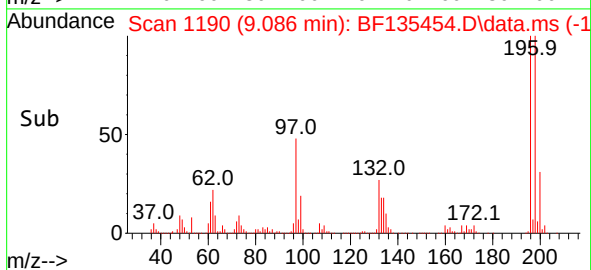
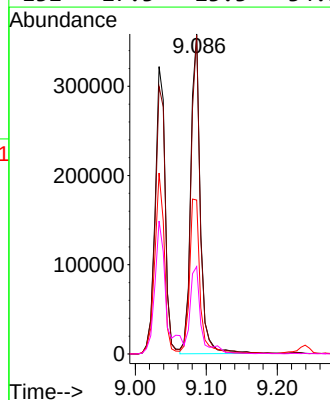
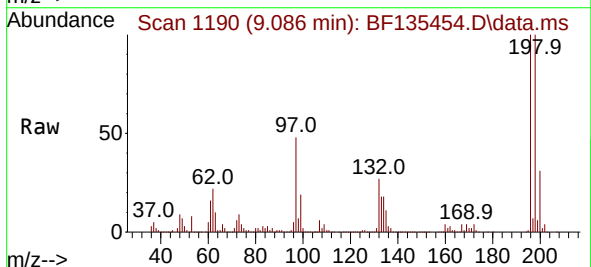
Ion Ratio Lower Upper

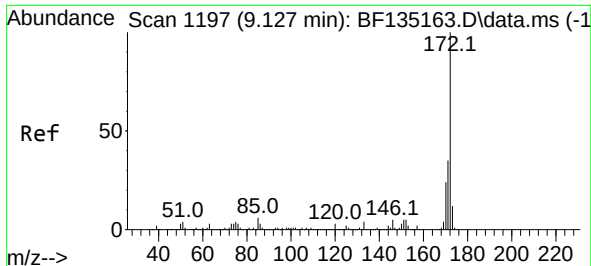
196 100

198 99.6 77.5 116.3

97 48.1 40.5 60.7

132 27.3 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 80.374 ng

RT: 9.116 min Scan# 1195

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:172 Resp: 169291

Ion Ratio Lower Upper

172 100

171 36.1 28.4 42.6

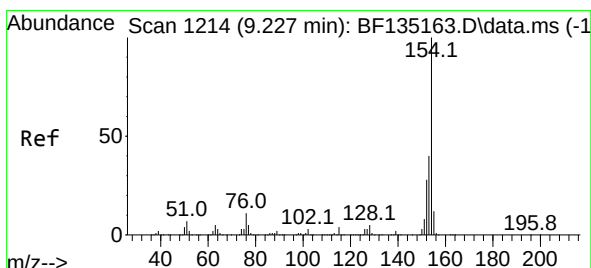
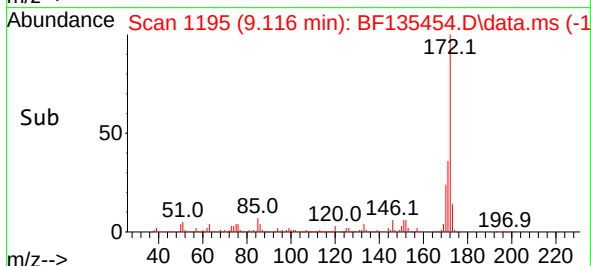
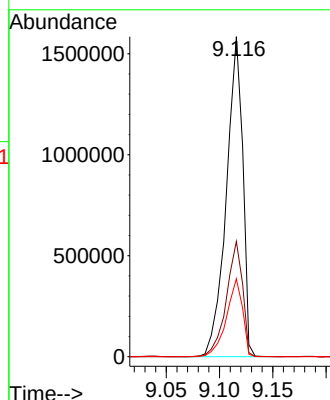
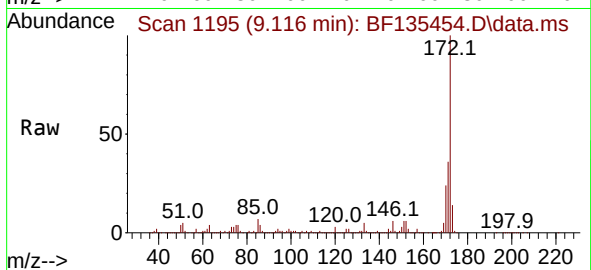
170 24.3 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#46

1,1'-Biphenyl

Concen: 50.348 ng

RT: 9.216 min Scan# 1212

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

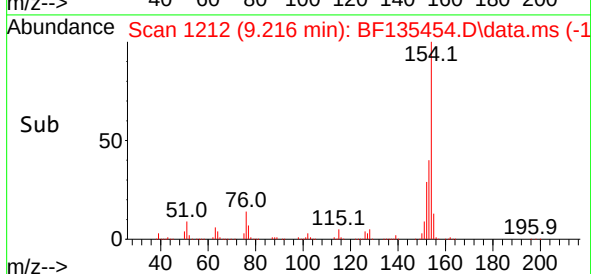
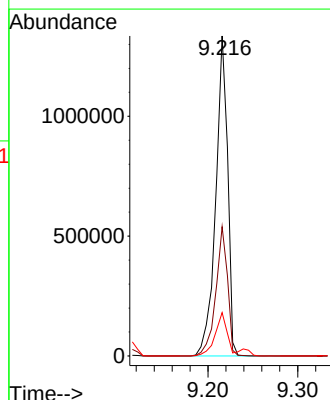
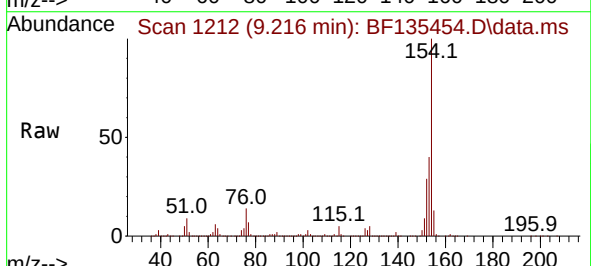
Tgt Ion:154 Resp: 1229560

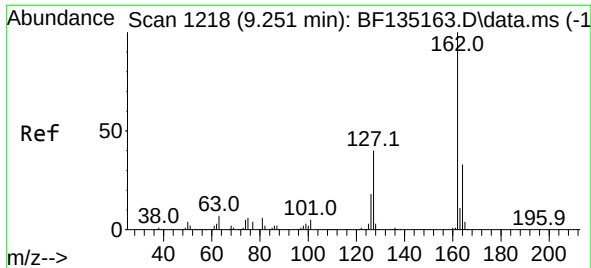
Ion Ratio Lower Upper

154 100

153 40.4 19.6 59.6

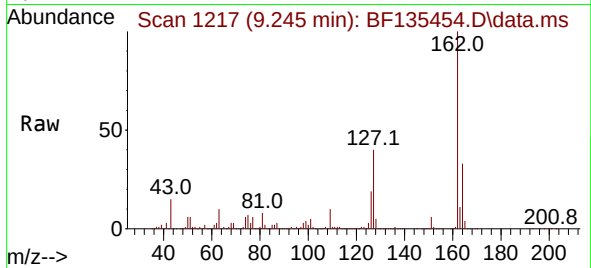
76 13.6 0.0 31.0





#47
2-Chloronaphthalene
Concen: 48.709 ng
RT: 9.245 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

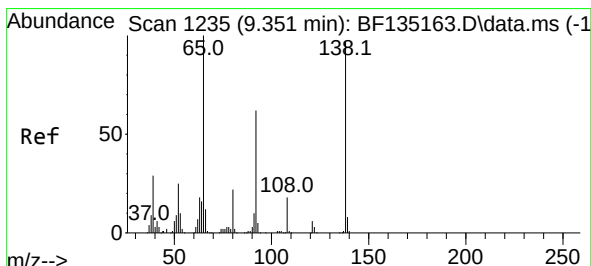
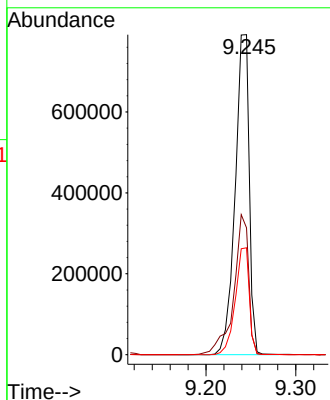
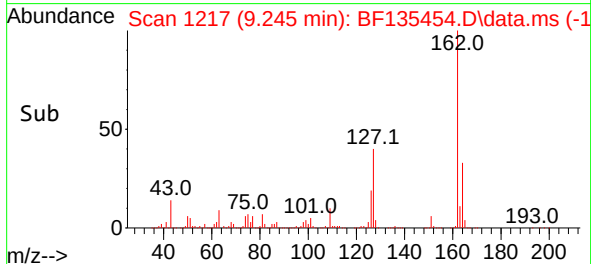
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:162 Resp: 86306
Ion Ratio Lower Upper
162 100
127 39.6 32.6 48.8
164 33.4 26.2 39.2

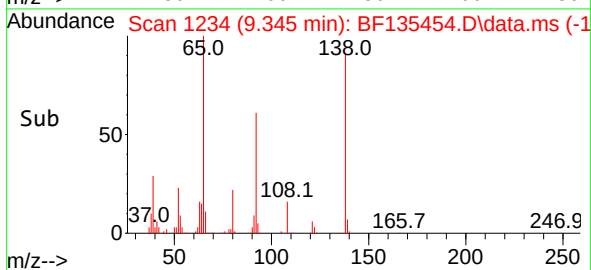
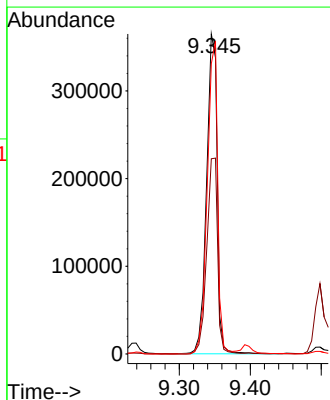
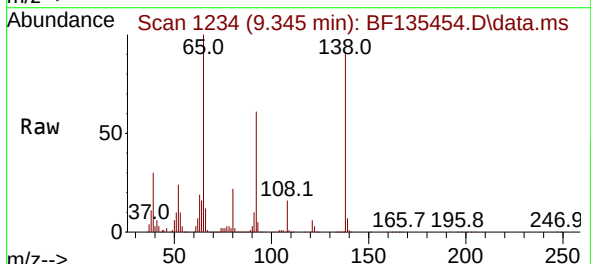
Manual Integrations
APPROVED

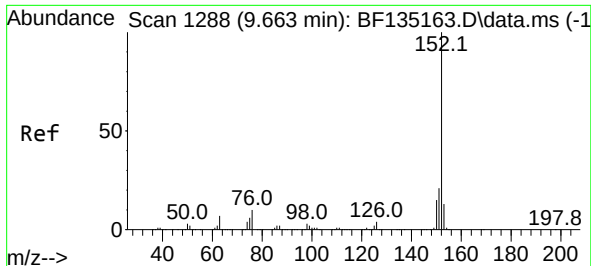
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#48
2-Nitroaniline
Concen: 55.197 ng
RT: 9.345 min Scan# 1234
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion: 65 Resp: 379961
Ion Ratio Lower Upper
65 100
92 61.0 49.4 74.0
138 90.7 77.4 116.0





#49

Acenaphthylene

Concen: 50.355 ng

RT: 9.657 min Scan# 1287

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:152 Resp: 1482824

Ion Ratio Lower Upper

152 100

151 20.7 16.4 24.6

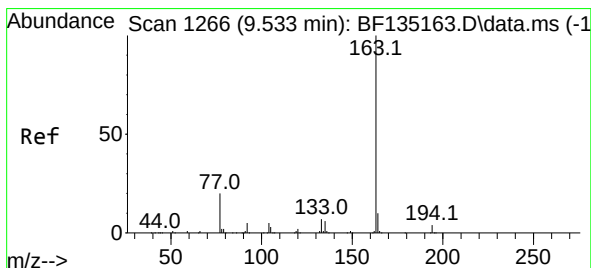
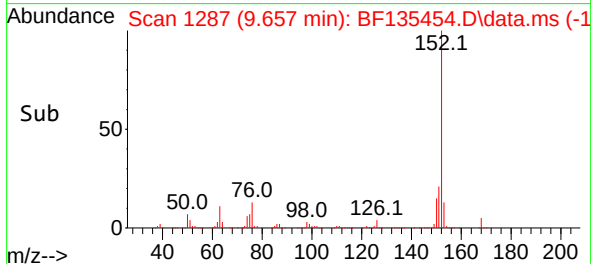
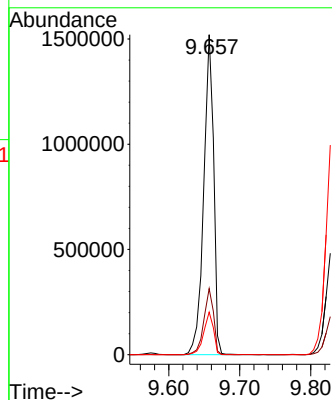
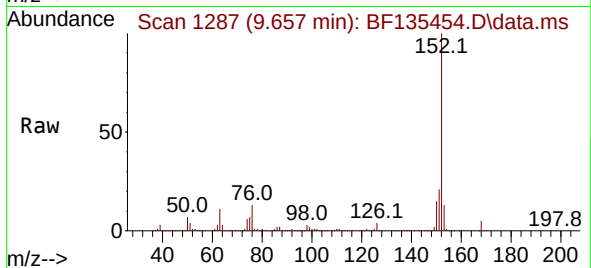
153 13.3 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#50

Dimethylphthalate

Concen: 50.779 ng

RT: 9.527 min Scan# 1265

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

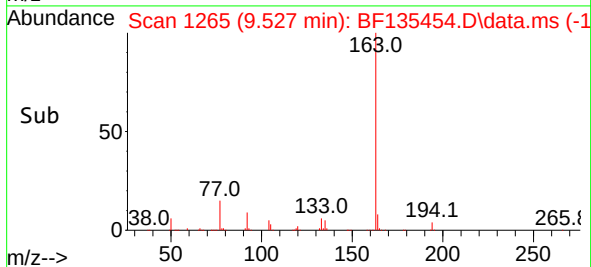
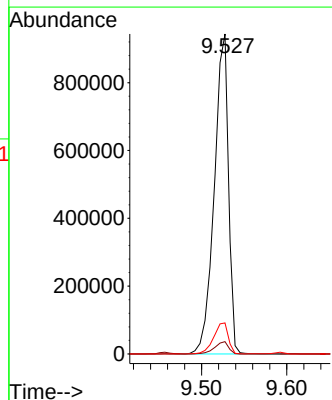
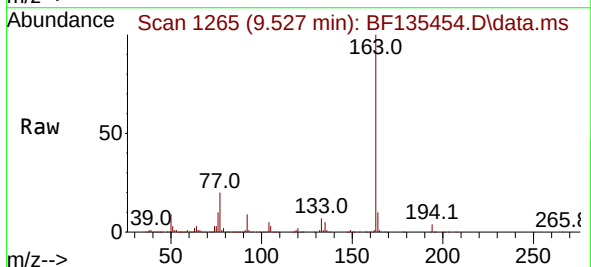
Tgt Ion:163 Resp: 1091007

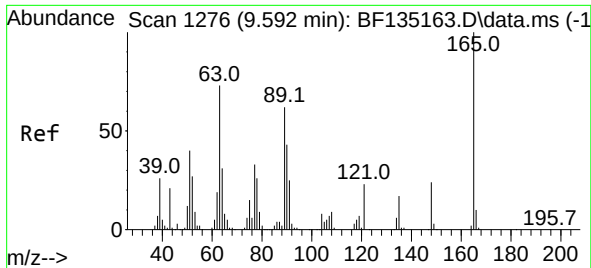
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

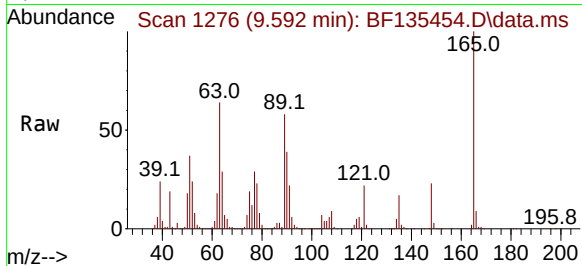
164 9.7 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 52.782 ng
RT: 9.592 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

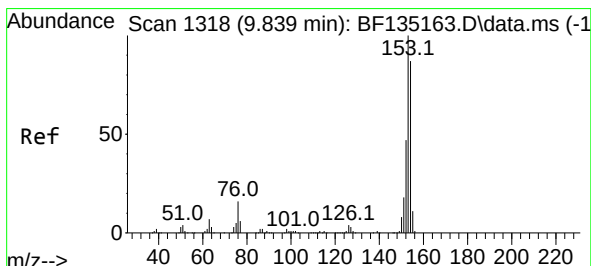
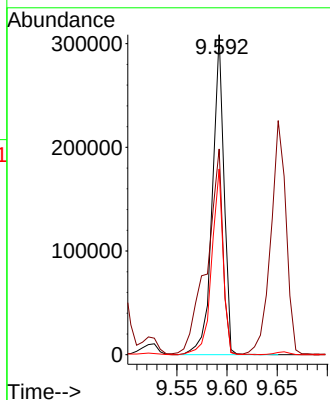
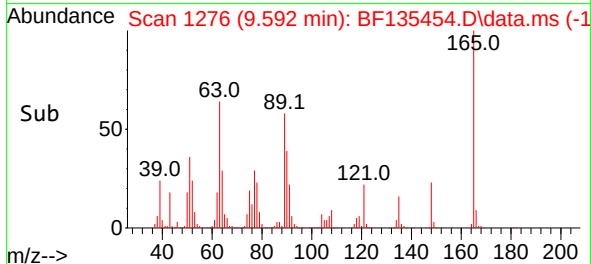
Instrument :
BNA_F
ClientSampleId :
TP-AMS



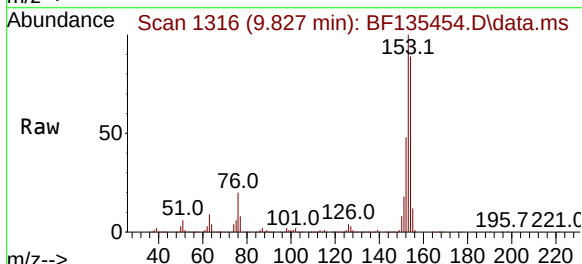
Tgt Ion:165 Resp: 248428
Ion Ratio Lower Upper
165 100
63 64.3 59.4 89.2
89 58.1 49.8 74.8

Manual Integrations
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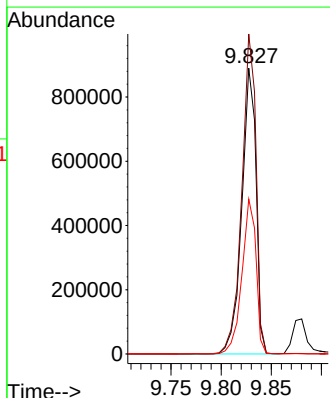
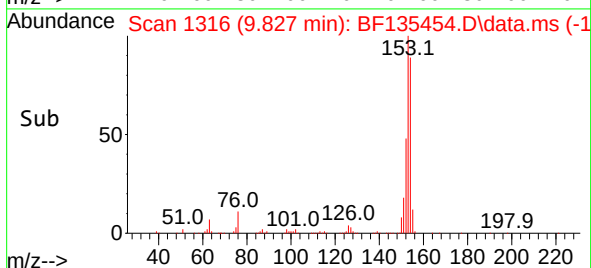
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

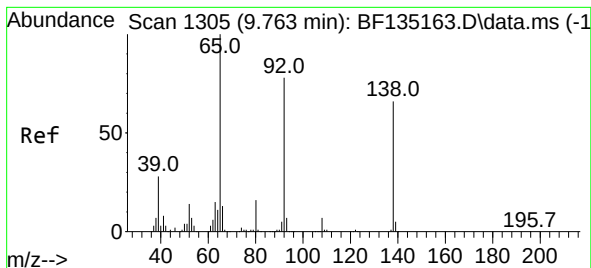


#52
Acenaphthene
Concen: 50.721 ng
RT: 9.827 min Scan# 1316
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



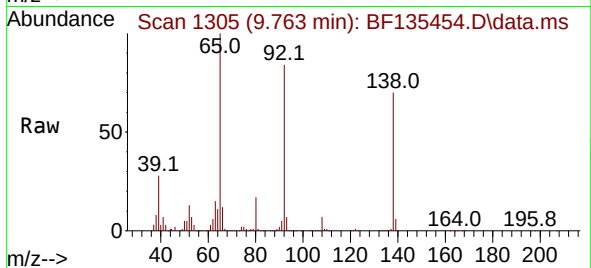
Tgt Ion:154 Resp: 882339
Ion Ratio Lower Upper
154 100
153 112.0 92.1 138.1
152 54.2 43.1 64.7





#53
3-Nitroaniline
Concen: 42.551 ng
RT: 9.763 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

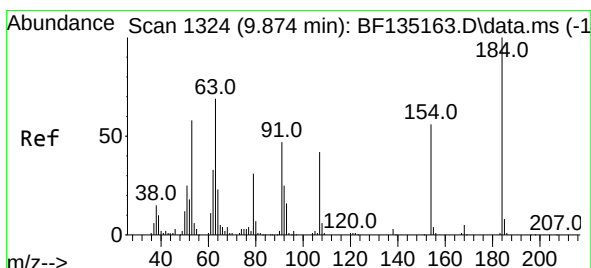
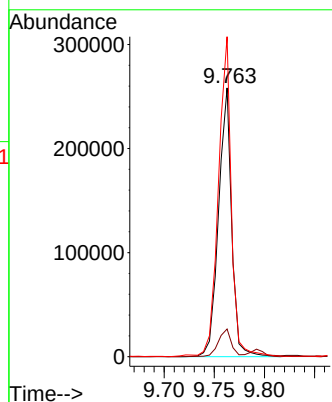
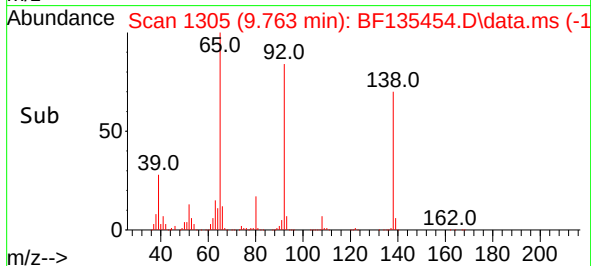
Instrument :
BNA_F
ClientSampleId :
TP-AMS



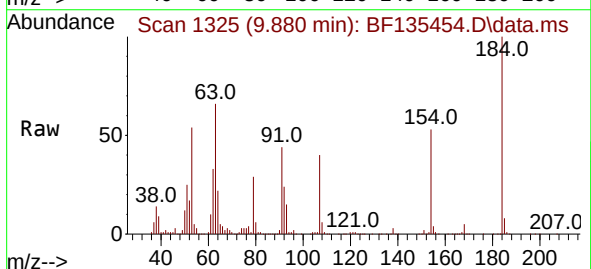
Tgt Ion:138 Resp: 23508
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 119.0 95.4 143.0

Manual Integrations
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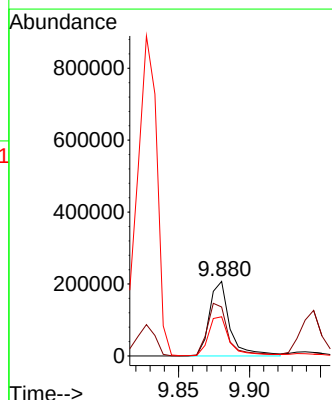
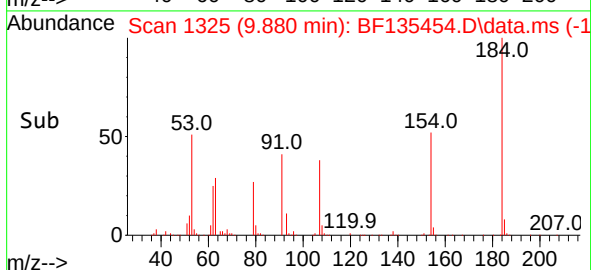
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

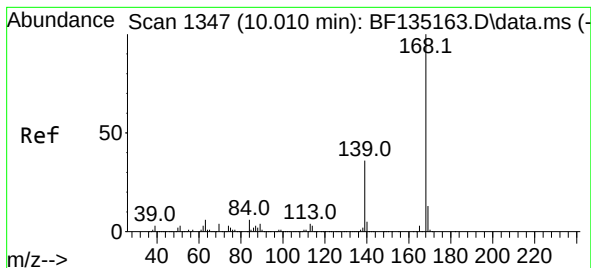


#54
2,4-Dinitrophenol
Concen: 77.671 ng
RT: 9.880 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



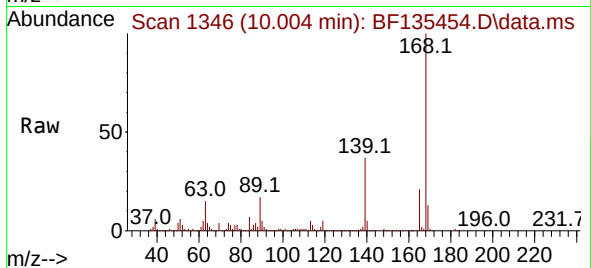
Tgt Ion:184 Resp: 207008
Ion Ratio Lower Upper
184 100
63 65.7 55.1 82.7
154 52.6 48.4 72.6





#55
Dibenzenofuran
Concen: 45.798 ng
RT: 10.004 min Scan# 1346
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

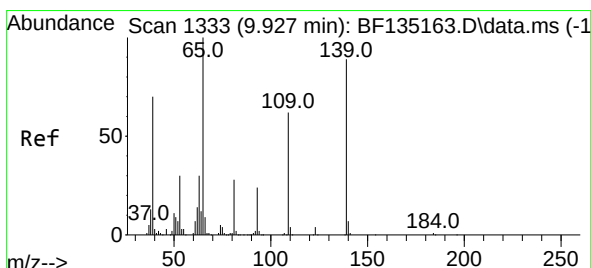
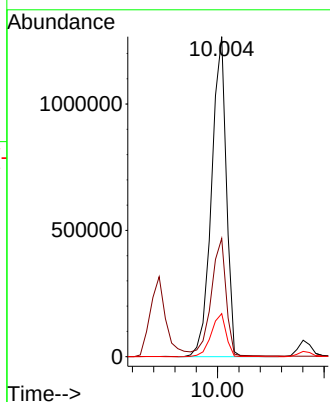
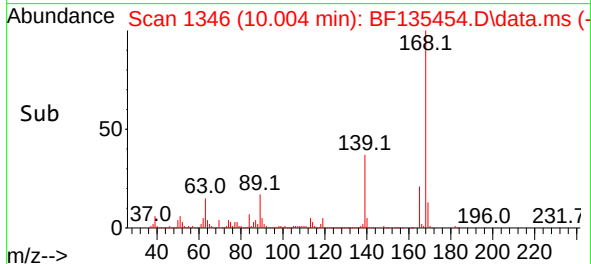
Instrument :
BNA_F
ClientSampleId :
TP-AMS



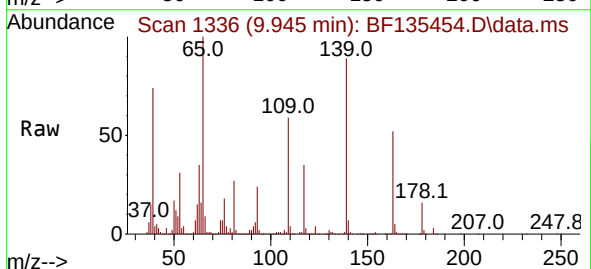
Tgt Ion:168 Resp: 121576
Ion Ratio Lower Upper
168 100
139 36.9 29.0 43.6
169 13.4 10.4 15.6

Manual Integrations
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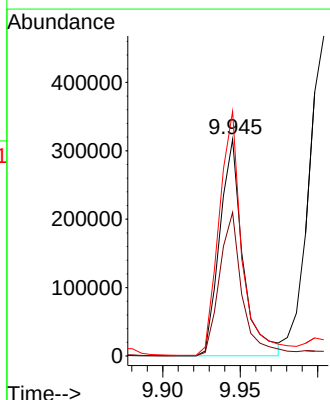
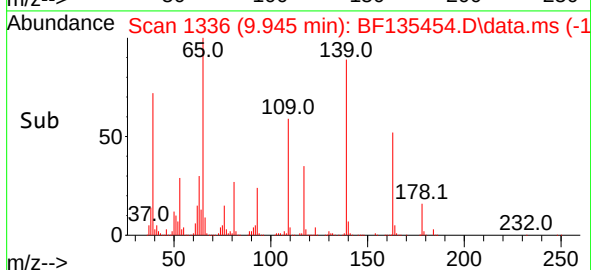
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

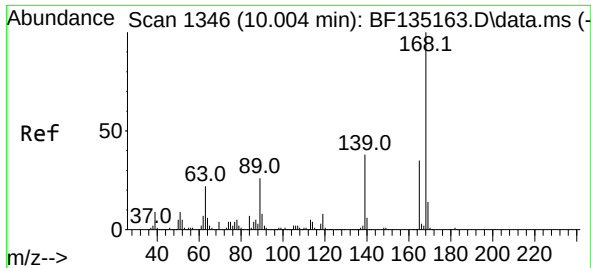


#56
4-Nitrophenol
Concen: 93.763 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.012 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



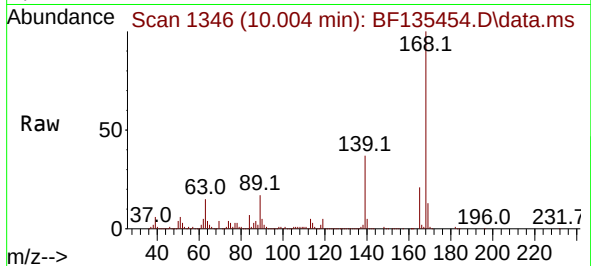
Tgt Ion:139 Resp: 329235
Ion Ratio Lower Upper
139 100
109 66.3 49.8 89.8
65 112.9 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 45.079 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

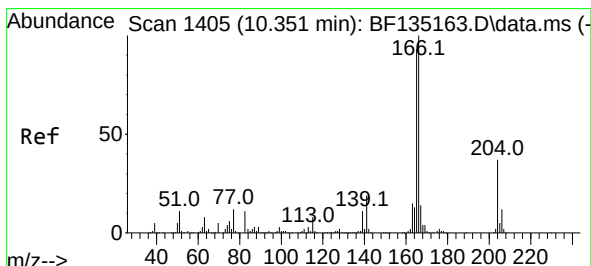
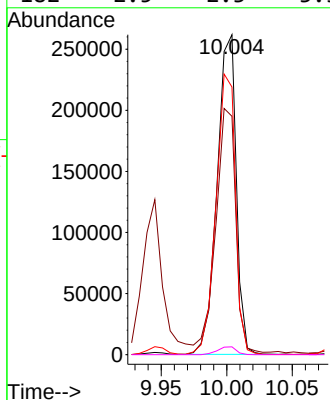
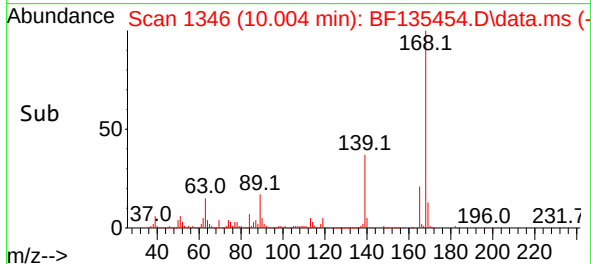
Instrument :
BNA_F
ClientSampleId :
TP-AMS



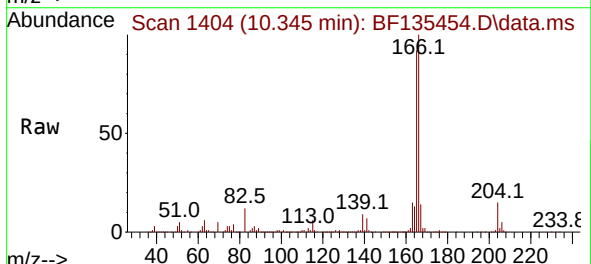
Tgt Ion:165 Resp: 26562
Ion Ratio Lower Upper
165 100
63 74.5 50.1 75.1
89 83.7 59.3 88.9
182 2.5 2.3 3.5

Manual Integrations
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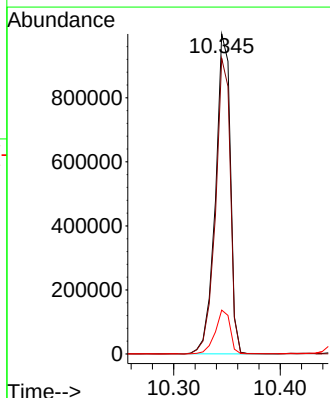
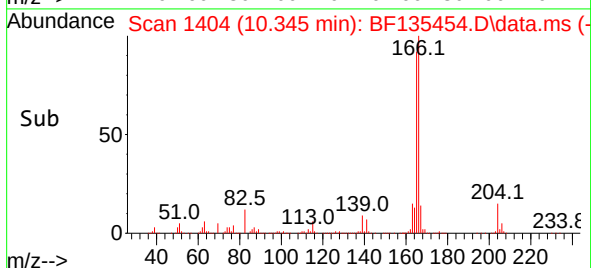
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

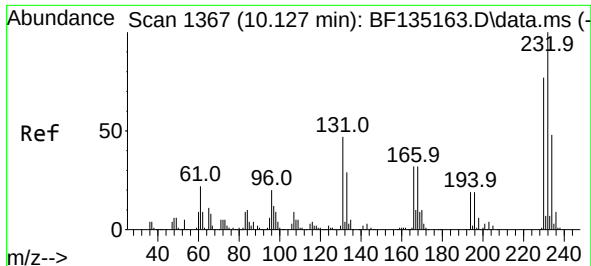


#58
Fluorene
Concen: 47.549 ng
RT: 10.345 min Scan# 1404
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



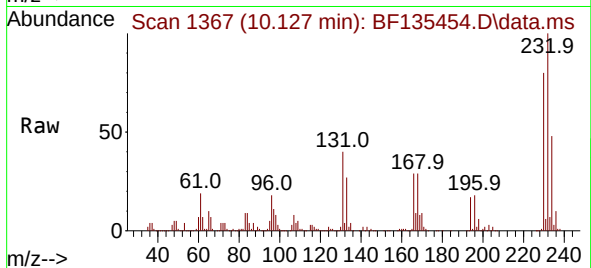
Tgt Ion:166 Resp: 970352
Ion Ratio Lower Upper
166 100
165 92.4 74.3 111.5
167 13.7 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 49.515 ng
RT: 10.127 min Scan# 1367
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

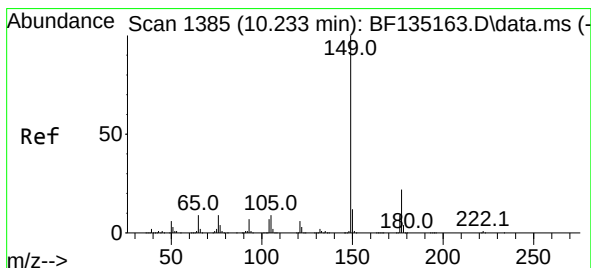
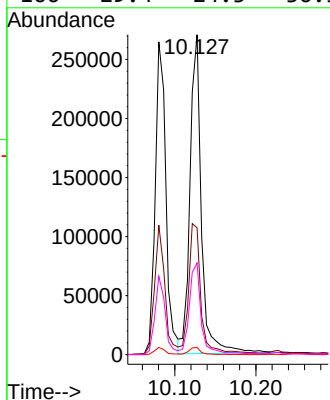
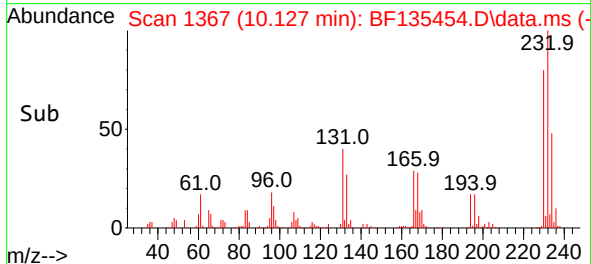
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:232 Resp: 264404
Ion Ratio Lower Upper
232 100
131 43.2 35.4 53.2
130 2.5 1.8 2.8
166 29.4 24.3 36.5

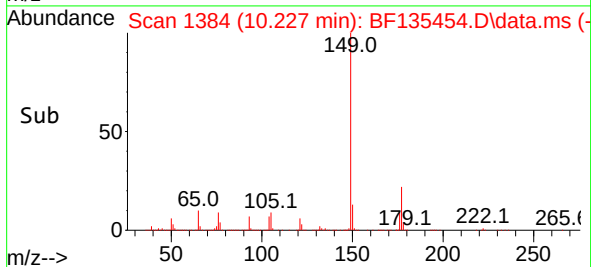
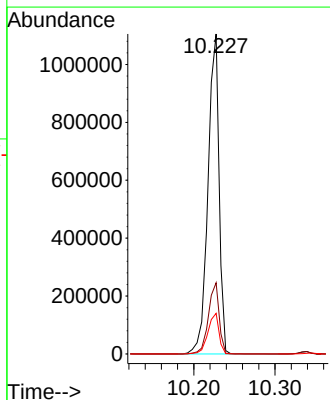
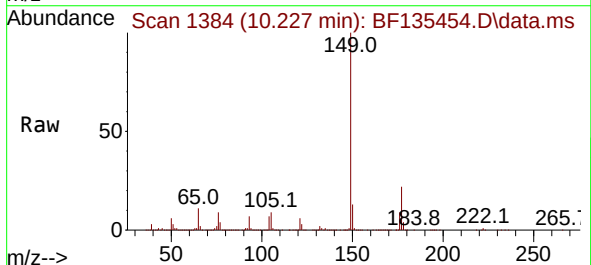
Manual Integrations
APPROVED

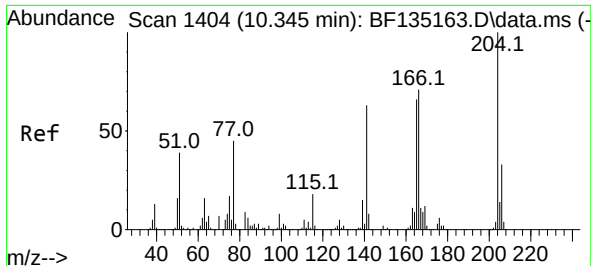
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#60
Diethylphthalate
Concen: 48.513 ng
RT: 10.227 min Scan# 1384
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

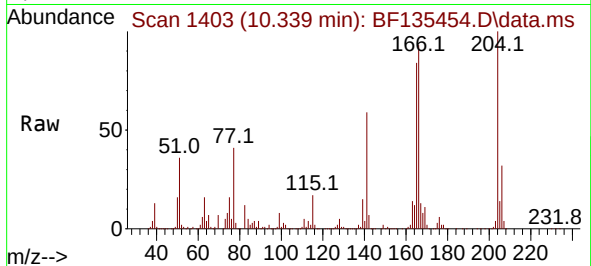
Tgt Ion:149 Resp: 1046060
Ion Ratio Lower Upper
149 100
177 22.3 17.8 26.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 44.375 ng
RT: 10.339 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

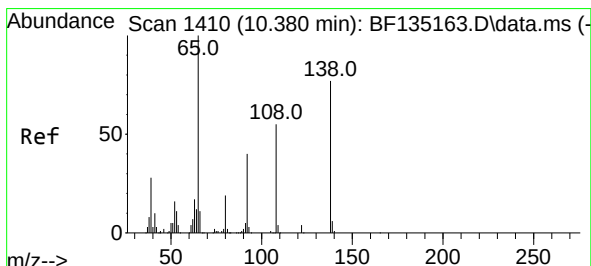
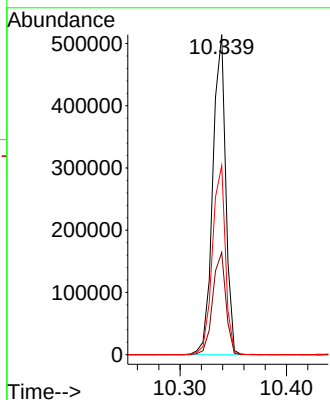
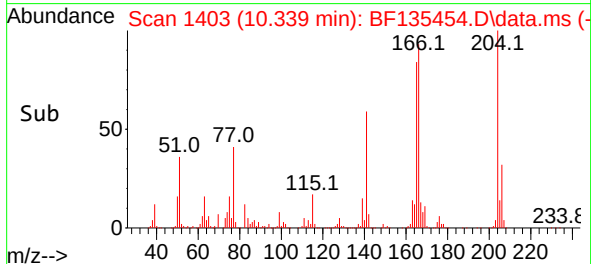
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:204 Resp: 435015
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 59.1 50.6 75.8

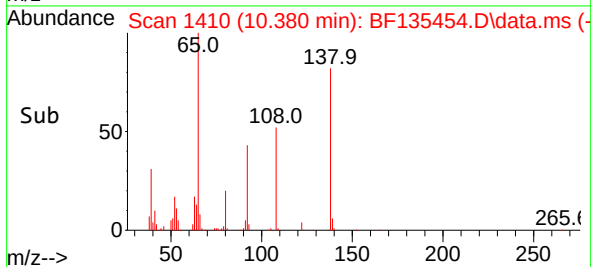
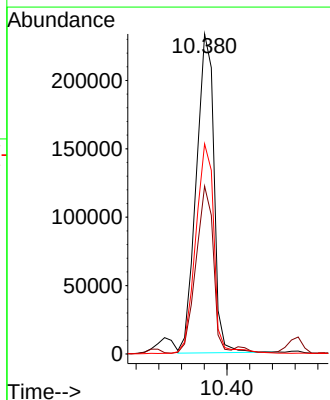
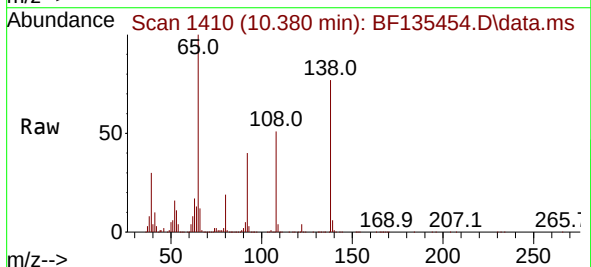
Manual Integrations
APPROVED

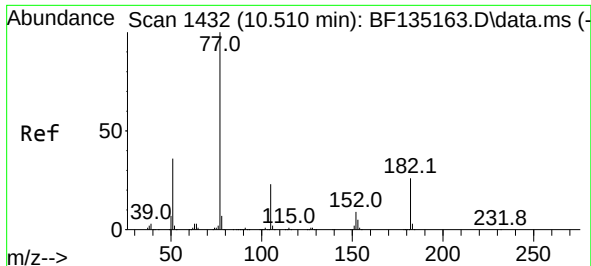
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#62
4-Nitroaniline
Concen: 47.503 ng
RT: 10.380 min Scan# 1410
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:138 Resp: 252278
Ion Ratio Lower Upper
138 100
92 52.5 31.8 71.8
108 65.7 52.0 92.0





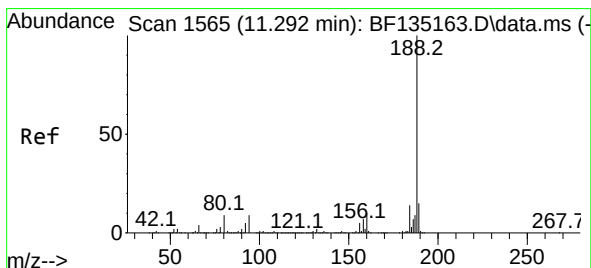
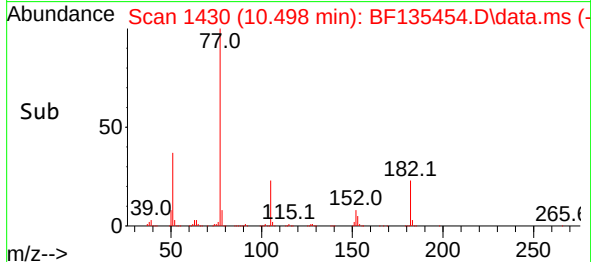
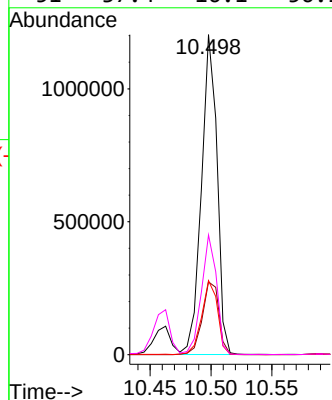
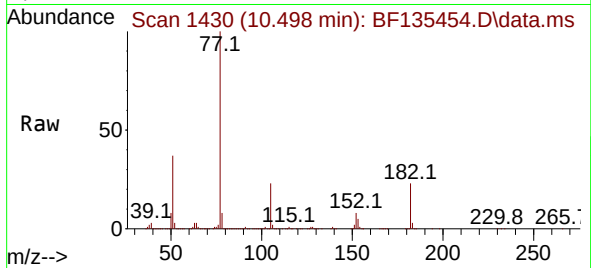
#63
Azobenzene
Concen: 50.750 ng
RT: 10.498 min Scan# 1432
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Instrument :
BNA_F
ClientSampleId :
TP-AMS

Tgt Ion: 77 Resp: 107097
Ion Ratio Lower Upper
77 100
182 22.7 6.4 46.4
105 23.2 3.1 43.1
51 37.4 16.1 56.1

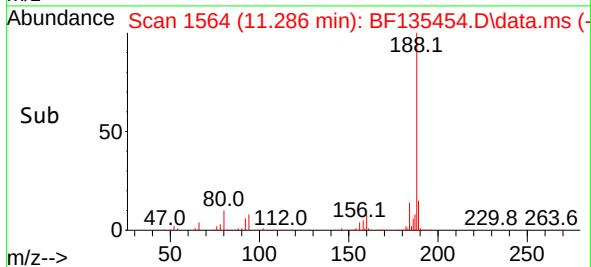
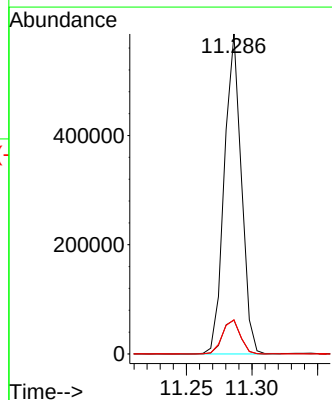
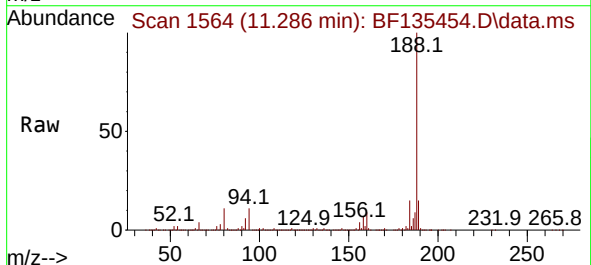
Manual Integrations
APPROVED

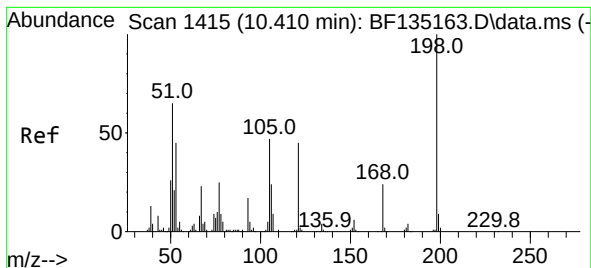
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.286 min Scan# 1564
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

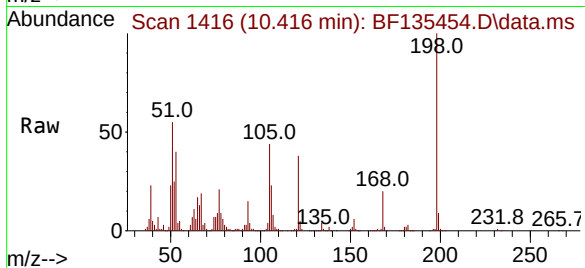
Tgt Ion:188 Resp: 529340
Ion Ratio Lower Upper
188 100
94 10.6 7.0 10.6#
80 10.7 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 50.374 ng
RT: 10.416 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

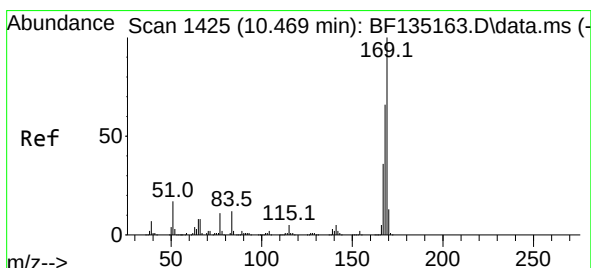
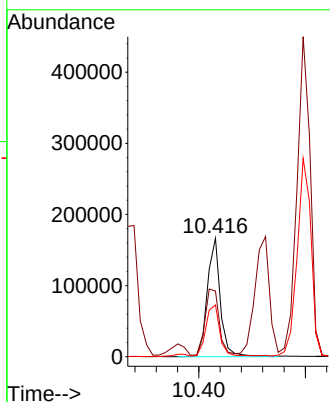
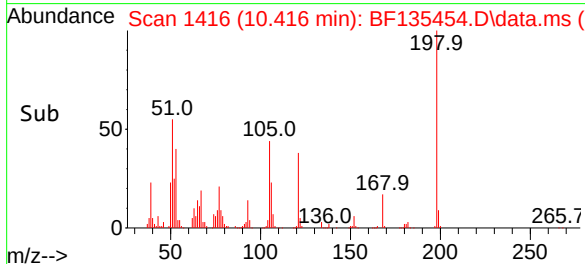
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:198 Resp: 141620
Ion Ratio Lower Upper
198 100
51 55.4 47.7 87.7
105 43.6 27.4 67.4

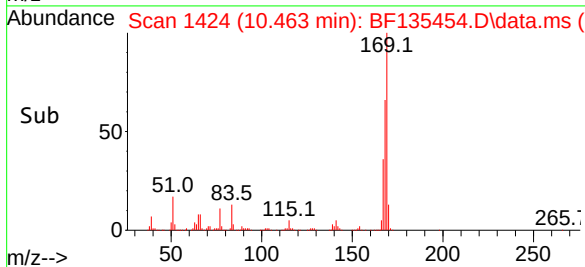
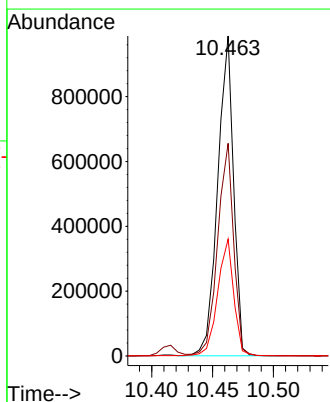
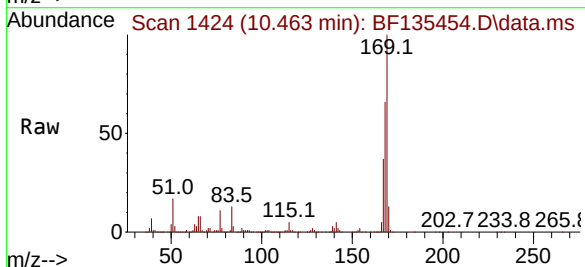
Manual Integrations
APPROVED

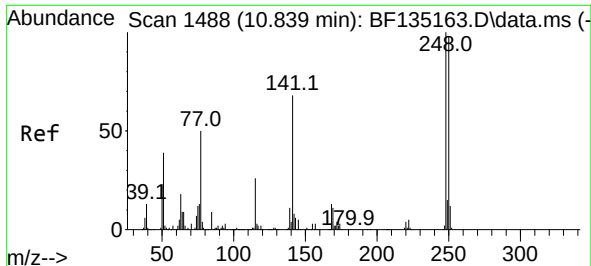
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#66
n-Nitrosodiphenylamine
Concen: 55.864 ng
RT: 10.463 min Scan# 1424
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

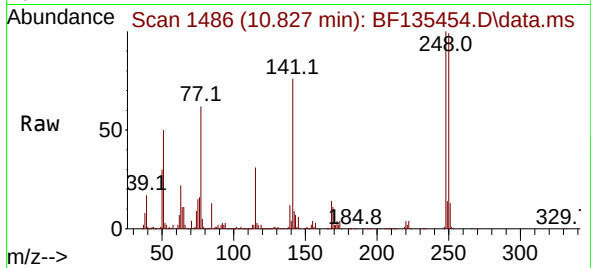
Tgt Ion:169 Resp: 895258
Ion Ratio Lower Upper
169 100
168 66.5 52.8 79.2
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.201 ng
RT: 10.827 min Scan# 1486
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

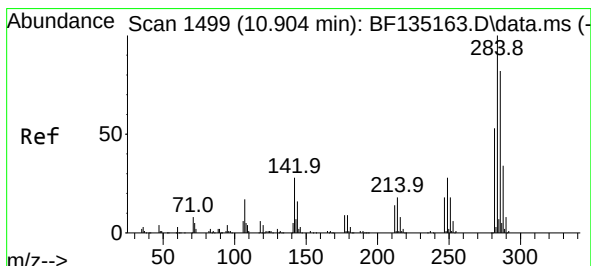
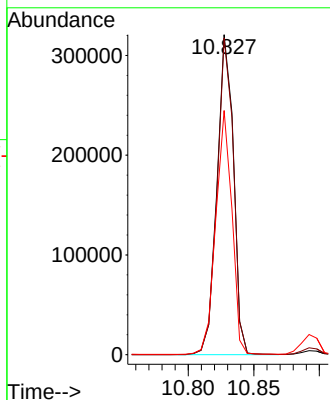
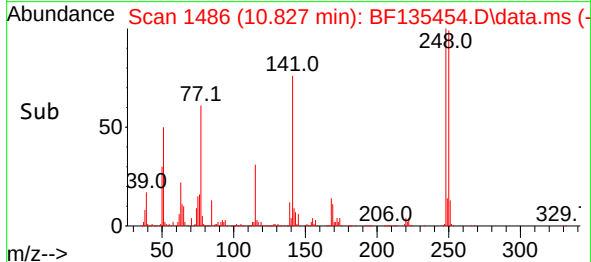
Instrument :
BNA_F
ClientSampleId :
TP-AMS



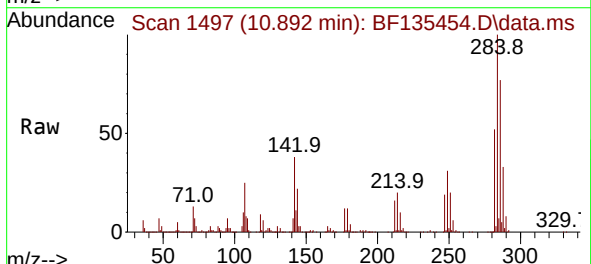
Tgt Ion:248 Resp: 28008
Ion Ratio Lower Upper
248 100
250 99.0 78.6 117.8
141 76.3 54.2 81.2

Manual Integrations
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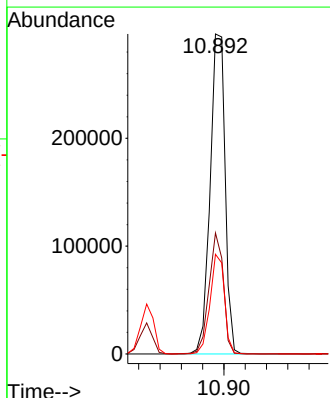
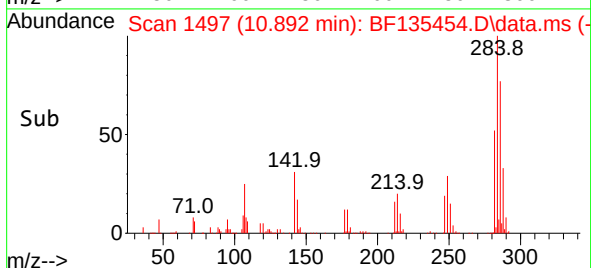
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

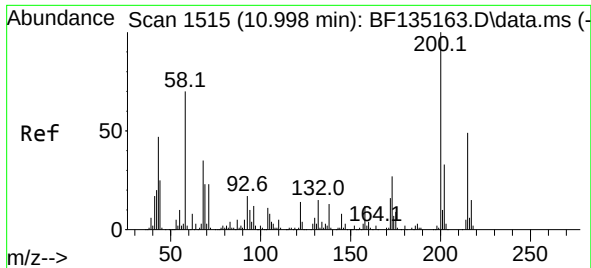


#68
Hexachlorobenzene
Concen: 54.123 ng
RT: 10.892 min Scan# 1497
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



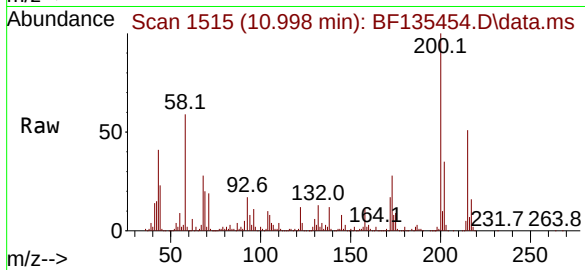
Tgt Ion:284 Resp: 290286
Ion Ratio Lower Upper
284 100
142 37.8 22.2 33.4#
249 31.1 22.5 33.7





#69
 Atrazine
 Concen: 59.996 ng
 RT: 10.998 min Scan# 1515
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54

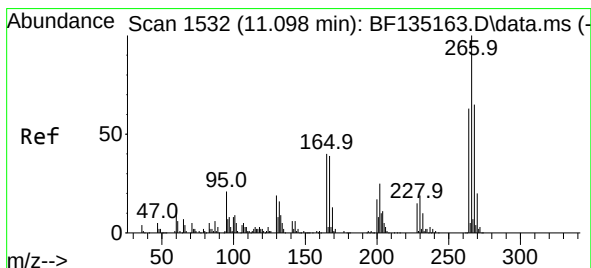
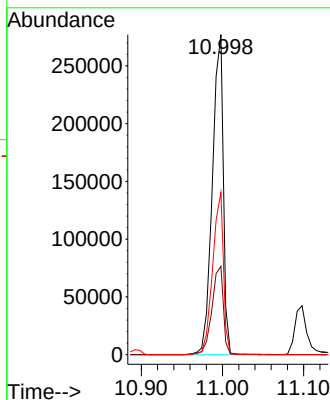
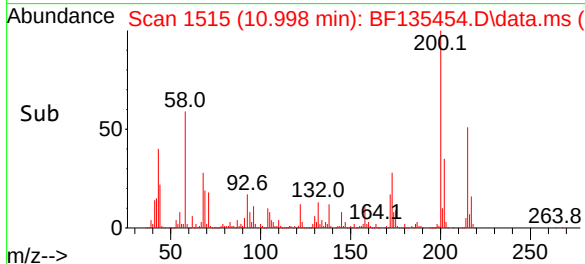
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS



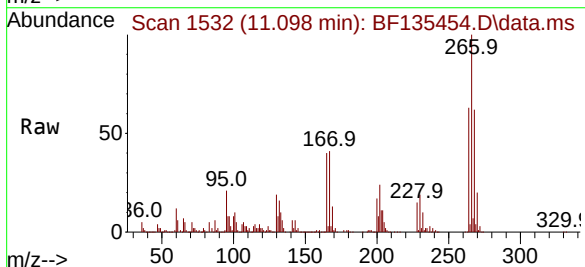
Tgt Ion:200 Resp: 258700
 Ion Ratio Lower Upper
 200 100
 173 27.6 7.4 47.4
 215 50.7 28.6 68.6

Manual Integrations
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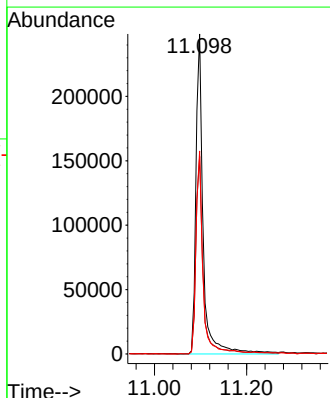
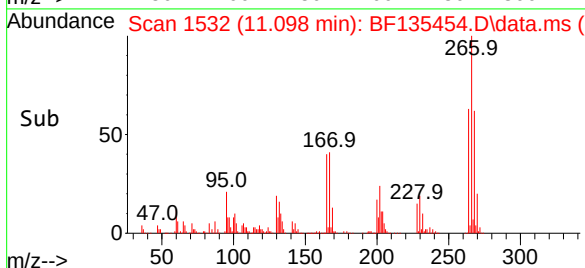
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

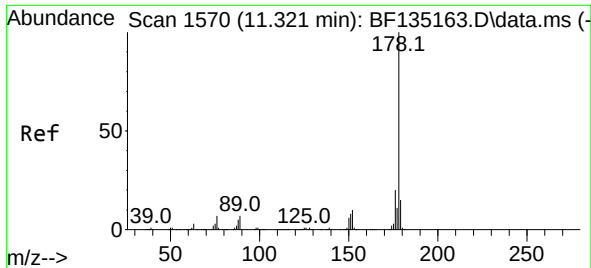


#70
 Pentachlorophenol
 Concen: 84.296 ng
 RT: 11.098 min Scan# 1532
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54



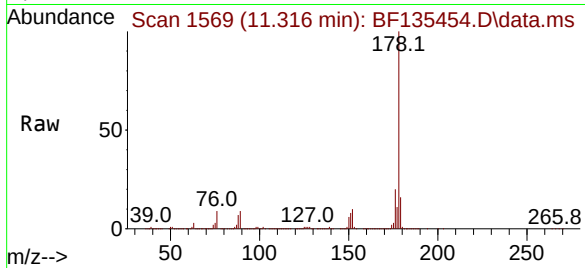
Tgt Ion:266 Resp: 270505
 Ion Ratio Lower Upper
 266 100
 268 61.7 52.1 78.1
 264 63.5 50.8 76.2





#71
Phenanthrene
Concen: 54.345 ng
RT: 11.316 min Scan# 1569
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

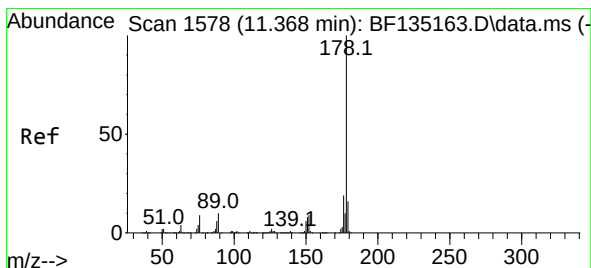
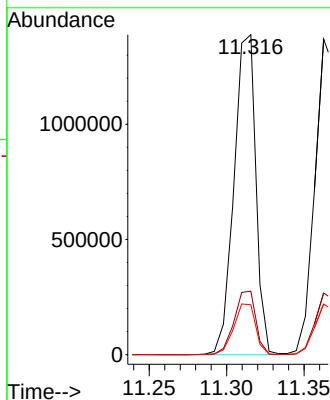
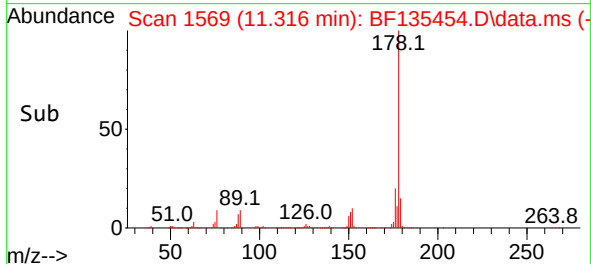
Instrument :
BNA_F
ClientSampleId :
TP-AMS



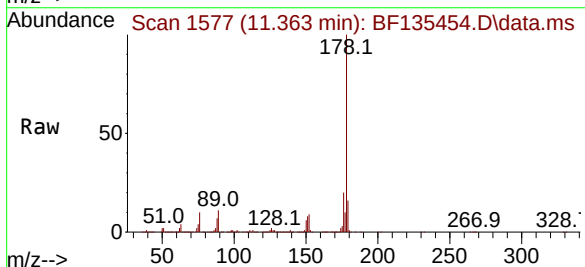
Tgt Ion:178 Resp: 1360560
Ion Ratio Lower Upper
178 100
176 19.8 15.6 23.4
179 15.6 12.0 18.0

Manual Integrations
APPROVED

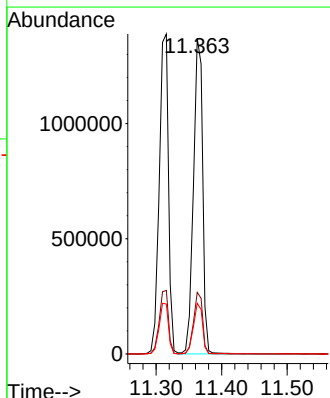
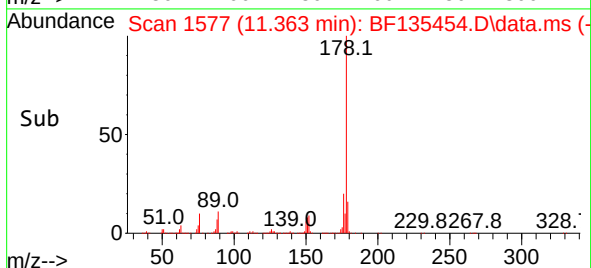
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023

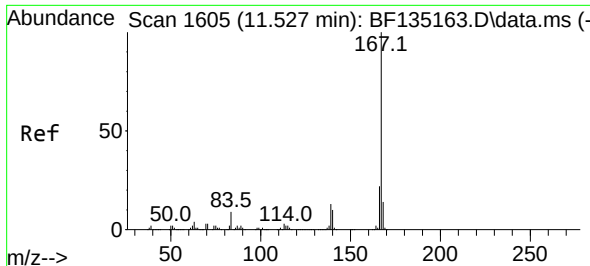


#72
Anthracene
Concen: 51.853 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54



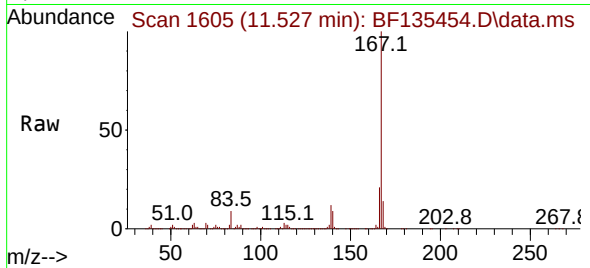
Tgt Ion:178 Resp: 1334368
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 16.1 12.6 19.0





#73
 Carbazole
 Concen: 51.606 ng
 RT: 11.527 min Scan# 1605
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54

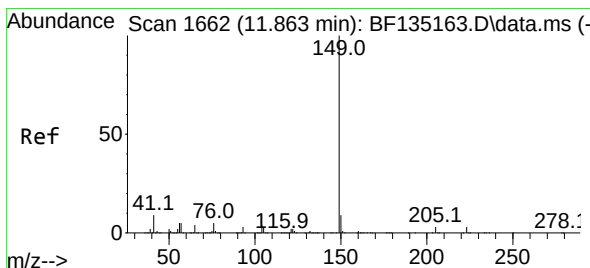
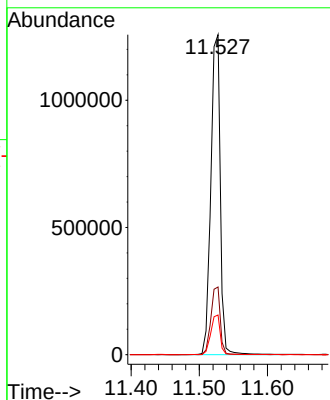
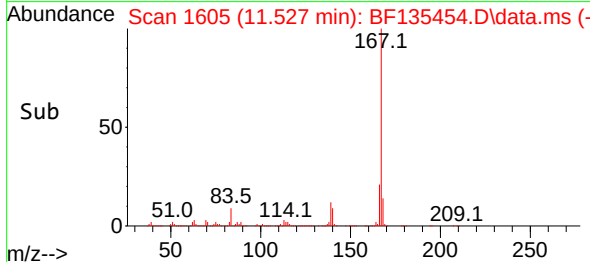
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS



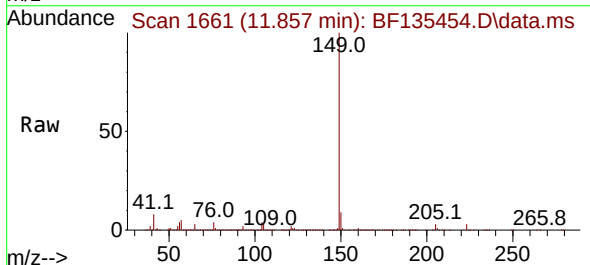
Tgt Ion:167 Resp: 1208923
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.4 26.0
 139 12.4 10.6 15.8

Manual Integrations
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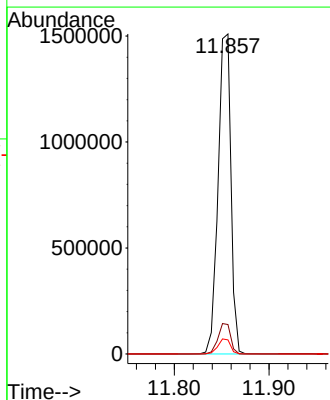
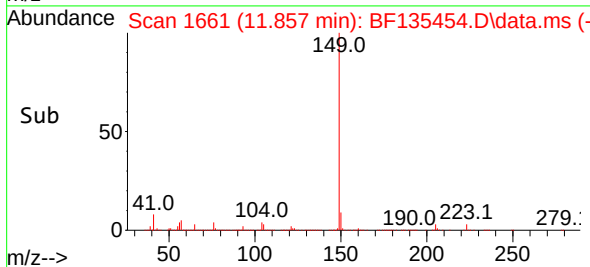
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023

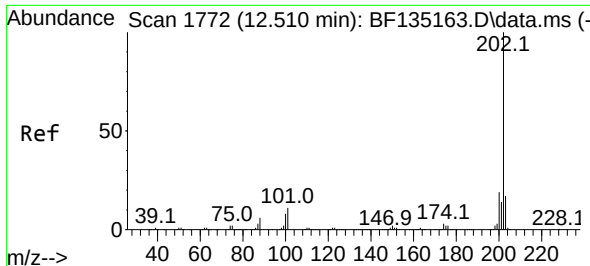


#74
 Di-n-butylphthalate
 Concen: 51.749 ng
 RT: 11.857 min Scan# 1661
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54



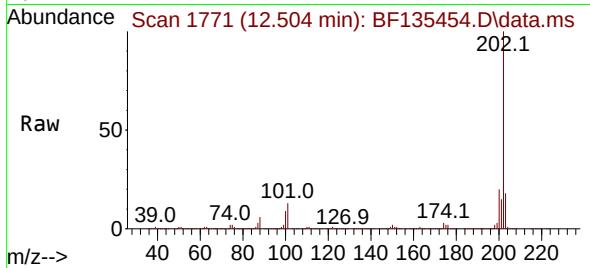
Tgt Ion:149 Resp: 1428490
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.4 3.6 5.4





#75
Fluoranthene
Concen: 48.849 ng
RT: 12.504 min Scan# 1772
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

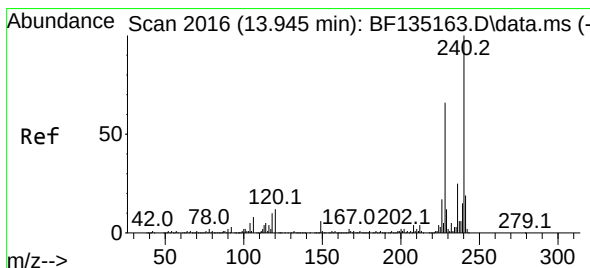
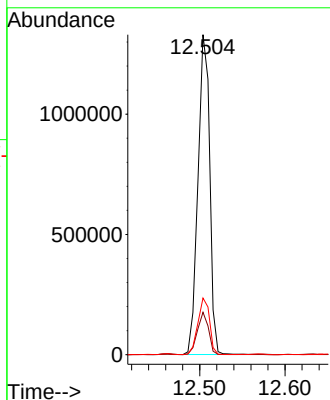
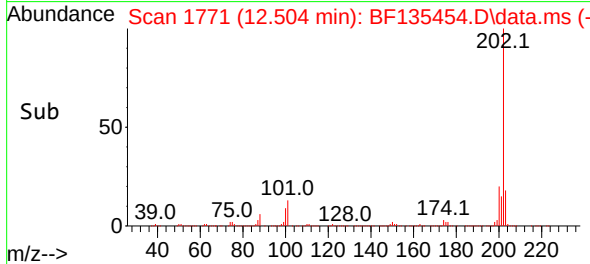
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:202 Resp: 1274299
Ion Ratio Lower Upper
202 100
101 13.3 0.0 31.3
203 17.7 0.0 37.4

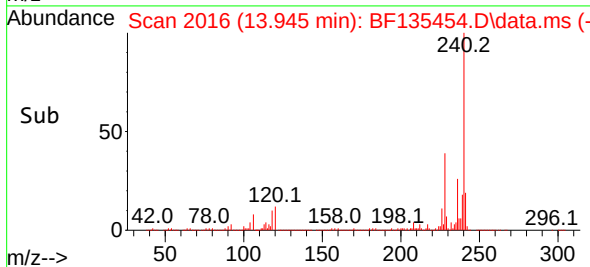
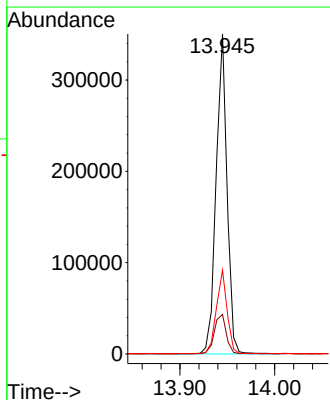
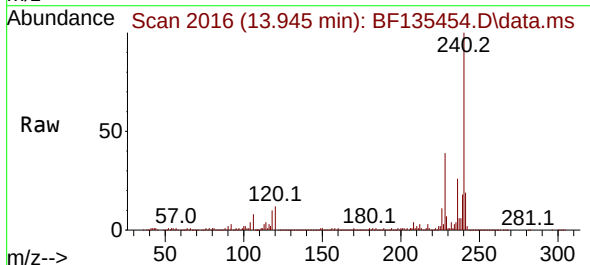
Manual Integrations
APPROVED

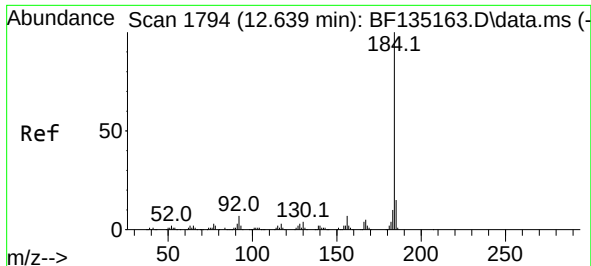
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.945 min Scan# 2016
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

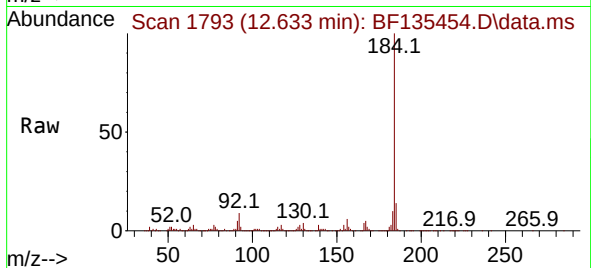
Tgt Ion:240 Resp: 280669
Ion Ratio Lower Upper
240 100
120 12.3 9.4 14.2
236 26.2 19.8 29.8





#77
Benzidine
Concen: 79.428 ng
RT: 12.633 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

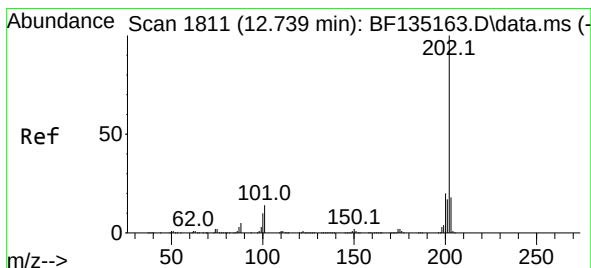
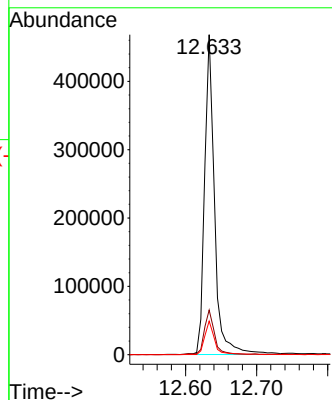
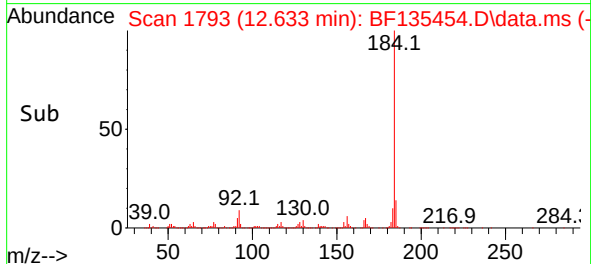
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:184 Resp: 456715
Ion Ratio Lower Upper
184 100
185 14.0 11.7 17.5
183 10.5 8.2 12.4

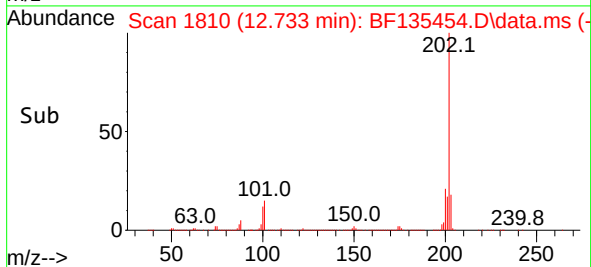
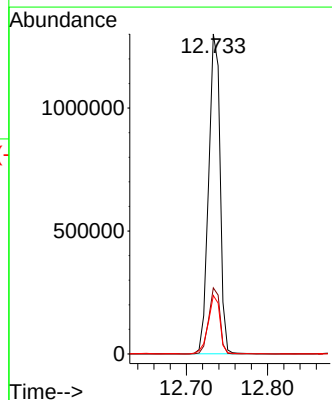
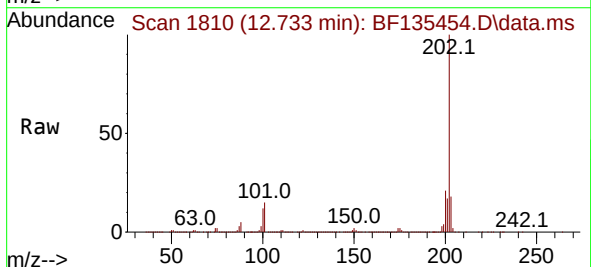
Manual Integrations
APPROVED

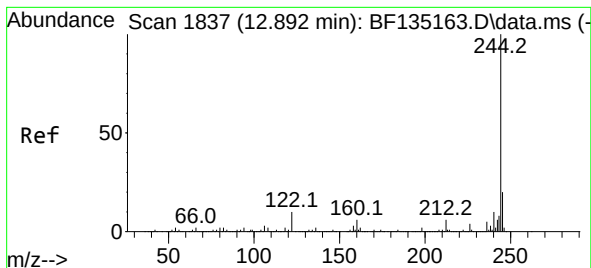
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#78
Pyrene
Concen: 47.284 ng
RT: 12.733 min Scan# 1810
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:202 Resp: 1263513
Ion Ratio Lower Upper
202 100
200 20.6 16.2 24.2
203 18.3 14.2 21.4





#79

Terphenyl-d14

Concen: 67.755 ng

RT: 12.880 min Scan# 1835

Delta R.T. -0.000 min

Lab File: BF135454.D

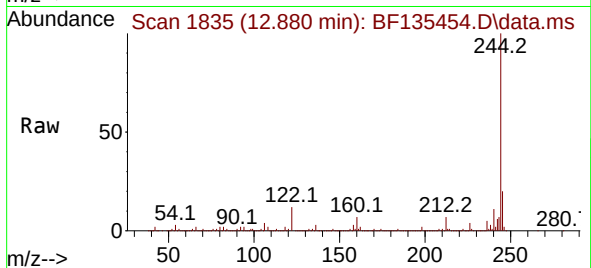
Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS



Tgt Ion:244 Resp: 122673

Ion Ratio Lower Upper

244 100

212 6.9 5.1 7.7

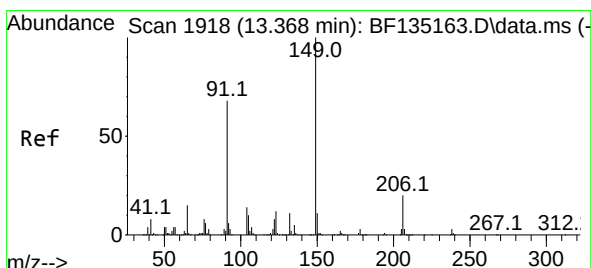
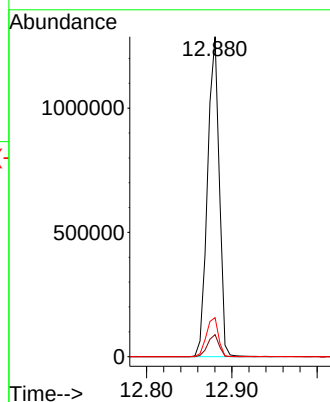
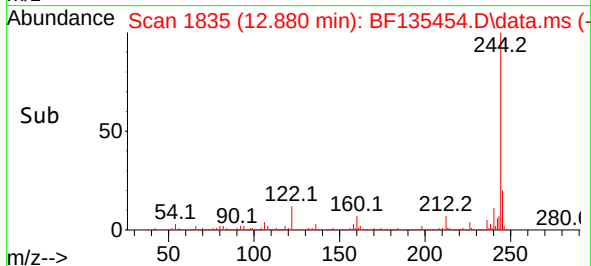
122 12.2 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#80

Butylbenzylphthalate

Concen: 49.840 ng

RT: 13.357 min Scan# 1916

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

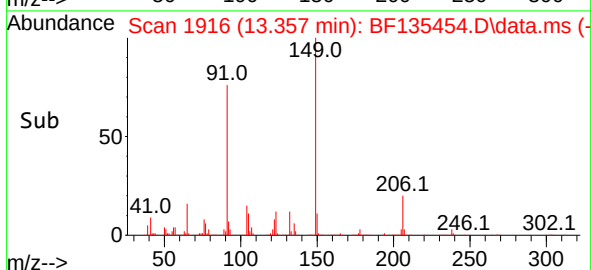
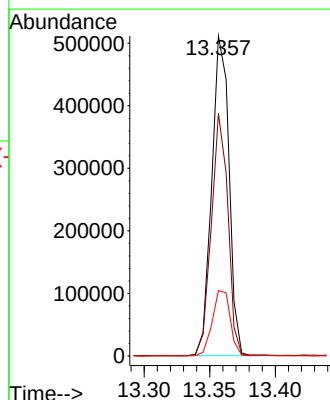
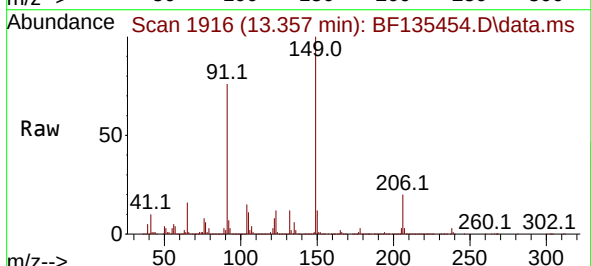
Tgt Ion:149 Resp: 468909

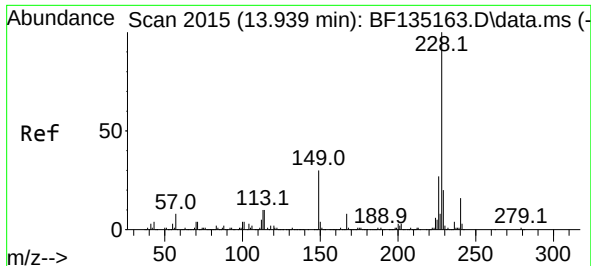
Ion Ratio Lower Upper

149 100

91 75.7 54.7 82.1

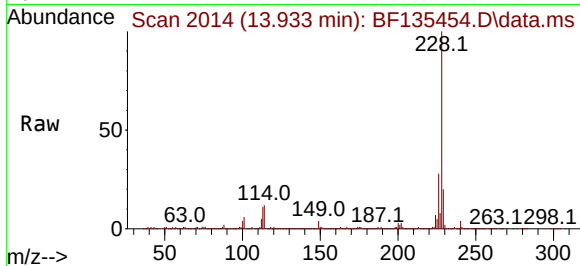
206 20.5 16.3 24.5





#81
Benzo(a)anthracene
Concen: 56.778 ng
RT: 13.933 min Scan# 2015
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

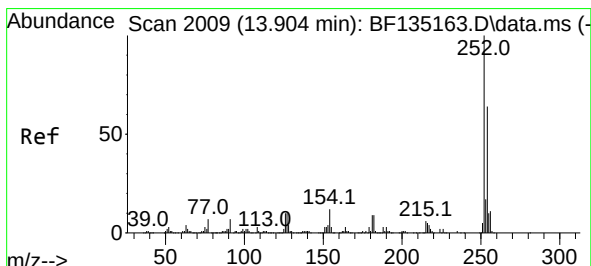
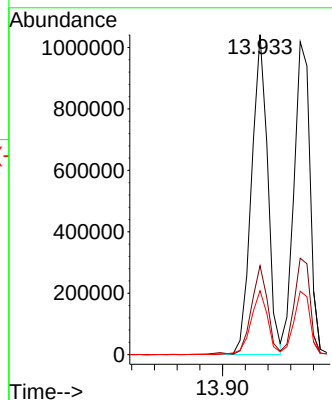
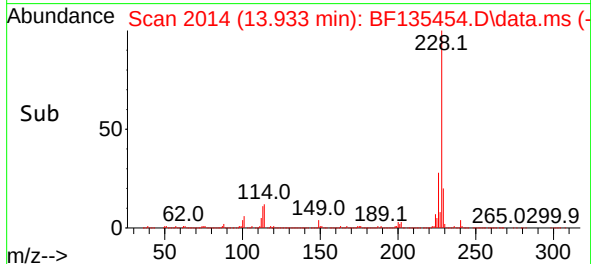
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:228 Resp: 102902
Ion Ratio Lower Upper
228 100
226 27.8 21.7 32.5
229 20.0 15.8 23.8

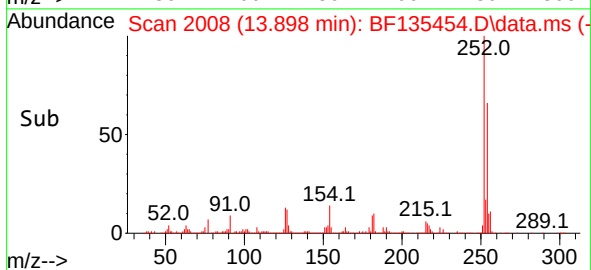
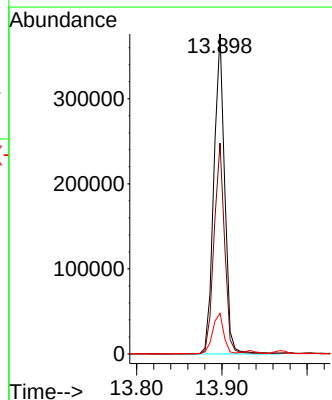
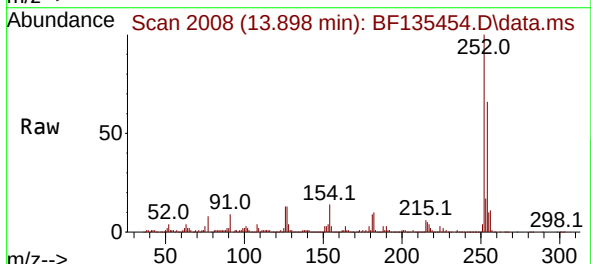
Manual Integrations
APPROVED

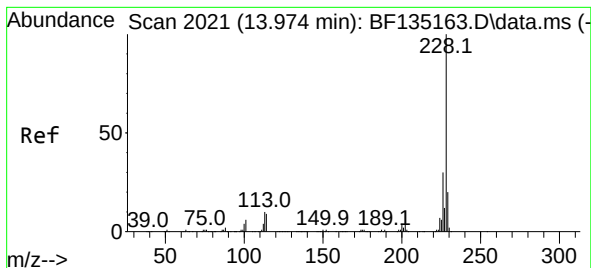
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#82
3,3'-Dichlorobenzidine
Concen: 58.787 ng
RT: 13.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion:252 Resp: 332788
Ion Ratio Lower Upper
252 100
254 65.9 51.0 76.4
126 12.7 7.8 11.8#





#83

Chrysene

Concen: 55.185 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

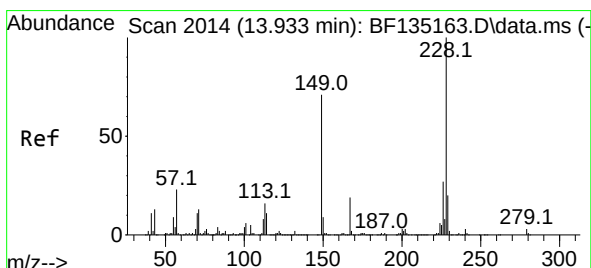
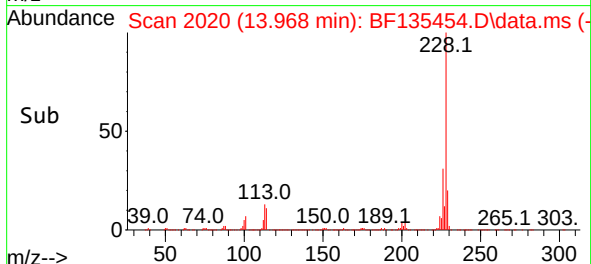
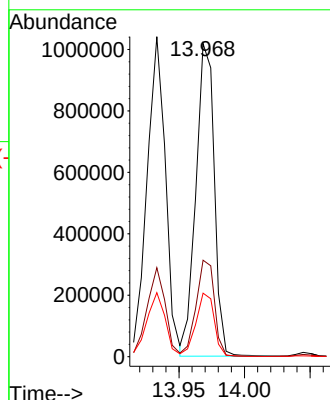
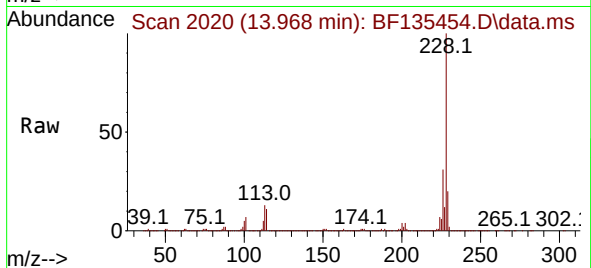
Tgt Ion:	228	Resp:	994374
Ion Ratio	Lower	Upper	
228	100		
226	30.8	24.3	36.5
229	20.3	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.477 ng

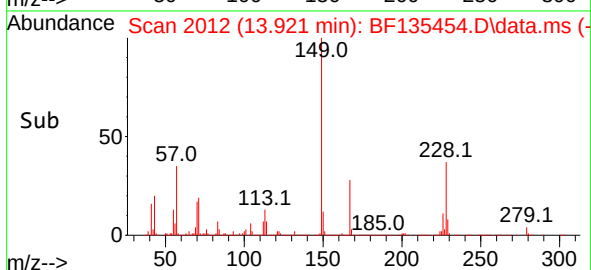
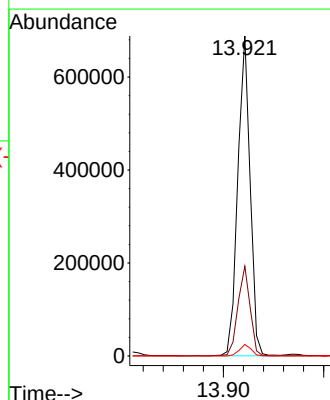
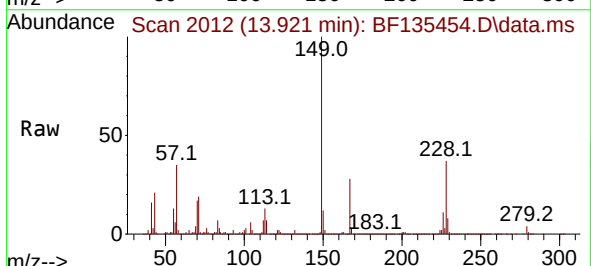
RT: 13.921 min Scan# 2012

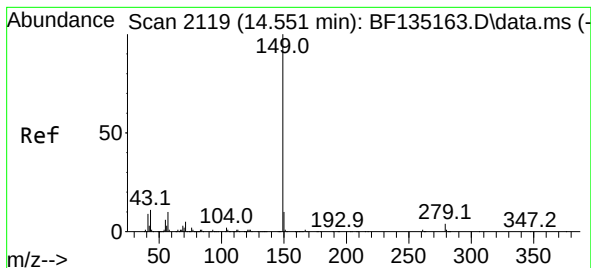
Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Tgt Ion:	149	Resp:	583876
Ion Ratio	Lower	Upper	
149	100		
167	28.1	21.9	32.9
279	3.6	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 74.232 ng

RT: 14.539 min Scan# 2117

Delta R.T. -0.000 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

Instrument :

BNA_F

ClientSampleId :

TP-AMS

Tgt Ion:149 Resp: 1138939

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

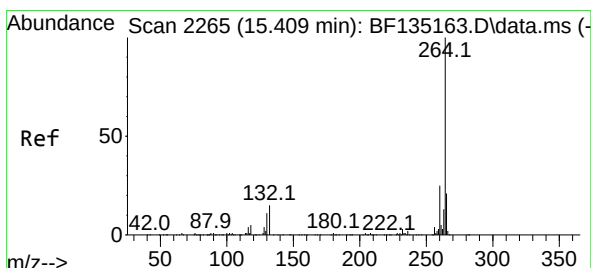
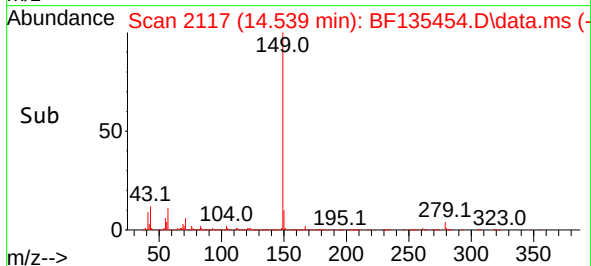
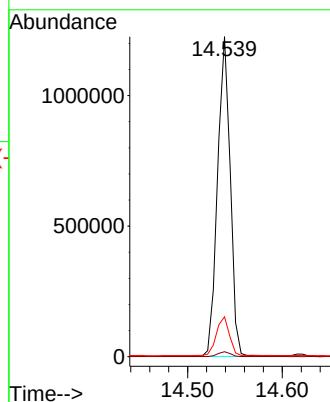
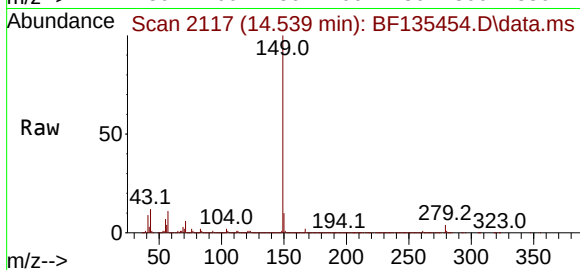
43 12.3 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 09/27/2023

Supervised By :mohammad ahmed 09/29/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 2265

Delta R.T. 0.006 min

Lab File: BF135454.D

Acq: 26 Sep 2023 15:54

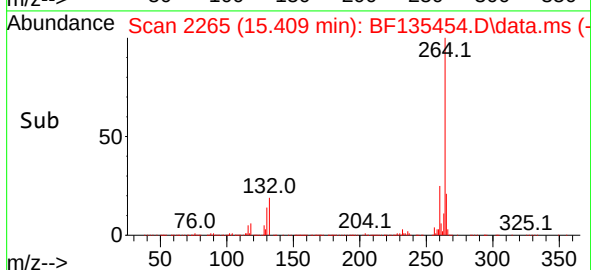
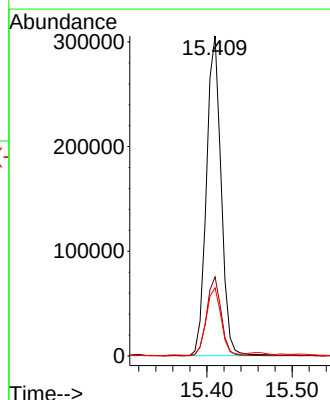
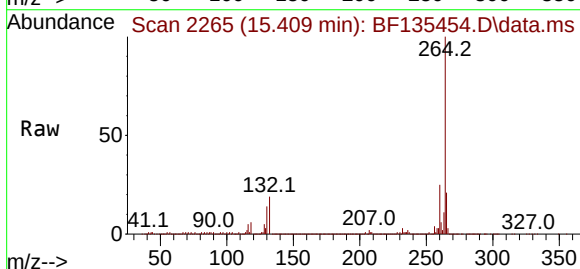
Tgt Ion:264 Resp: 364689

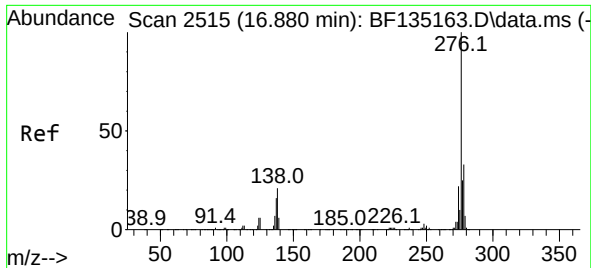
Ion Ratio Lower Upper

264 100

260 24.7 19.8 29.6

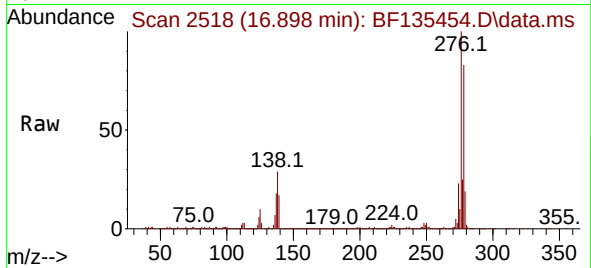
265 21.3 17.0 25.4





#87
 Indeno(1,2,3-cd)pyrene
 Concen: 39.085 ng
 RT: 16.898 min Scan# 2118
 Delta R.T. 0.012 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54

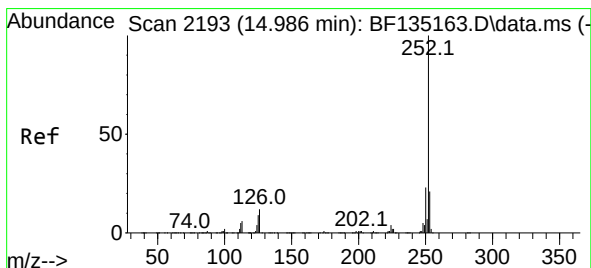
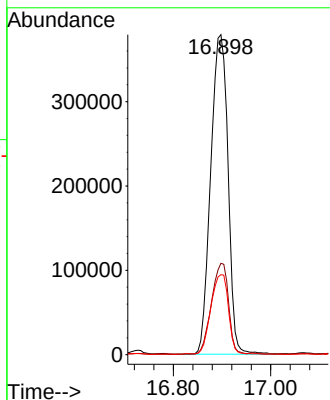
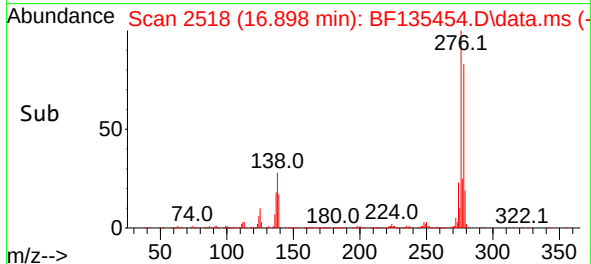
Instrument :
 BNA_F
 ClientSampleId :
 TP-AMS



Tgt Ion:276 Resp: 934572
 Ion Ratio Lower Upper
 276 100
 138 28.0 19.2 28.8
 277 25.1 19.7 29.5

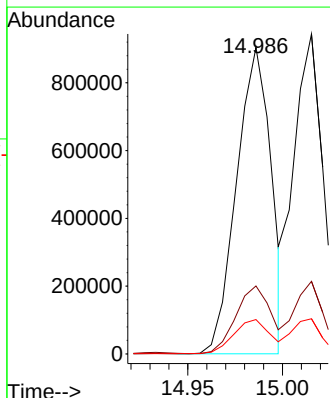
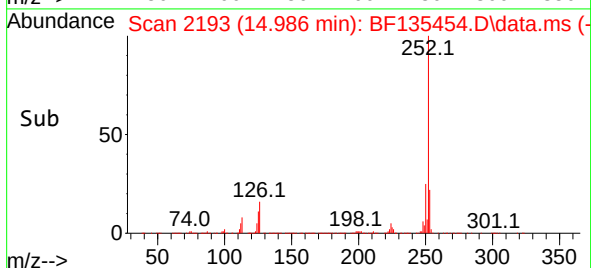
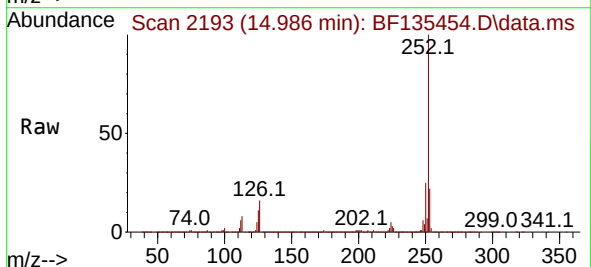
Manual Integrations
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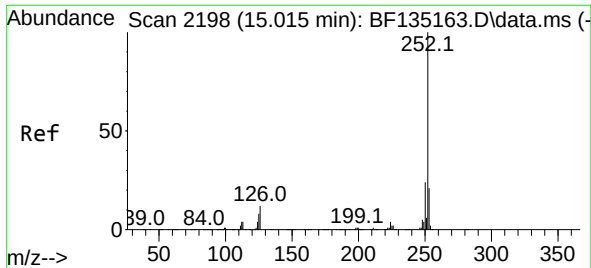
Reviewed By :Yogesh Patel 09/27/2023
 Supervised By :mohammad ahmed 09/29/2023



#88
 Benzo(b)fluoranthene
 Concen: 58.307 ng
 RT: 14.986 min Scan# 2193
 Delta R.T. 0.006 min
 Lab File: BF135454.D
 Acq: 26 Sep 2023 15:54

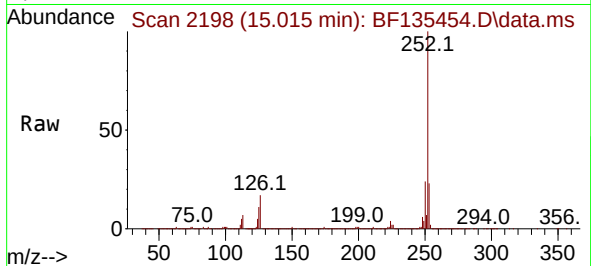
Tgt Ion:252 Resp: 1151090
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.2 25.8
 125 11.2 7.1 10.7#





#89
Benzo(k)fluoranthene
Concen: 51.474 ng
RT: 15.015 min Scan# 2198
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

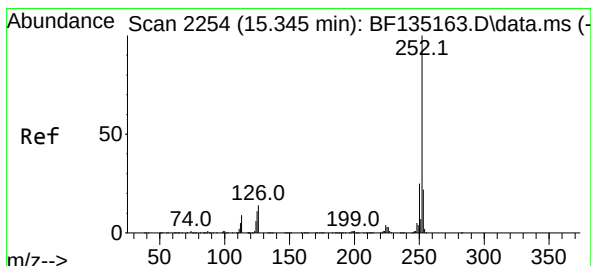
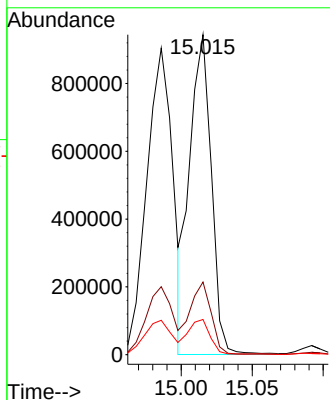
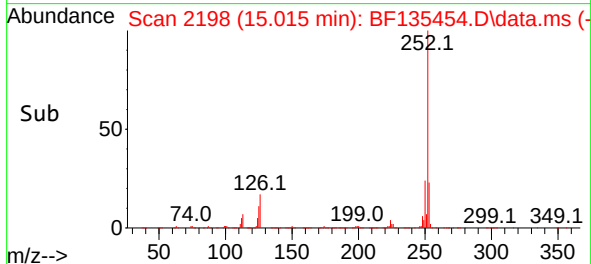
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion:252 Resp: 100382
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.0
125 11.0 7.2 10.8

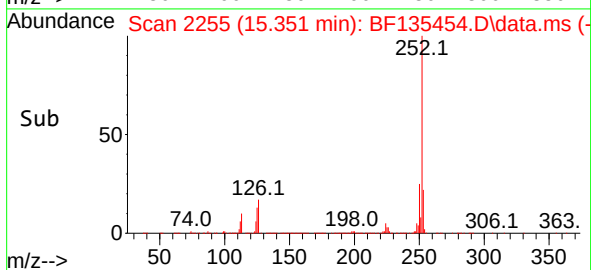
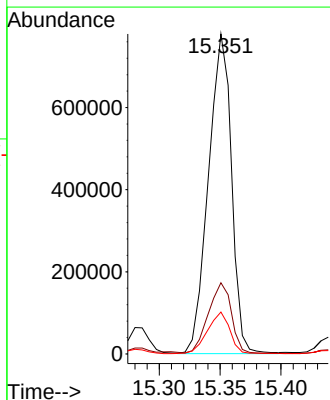
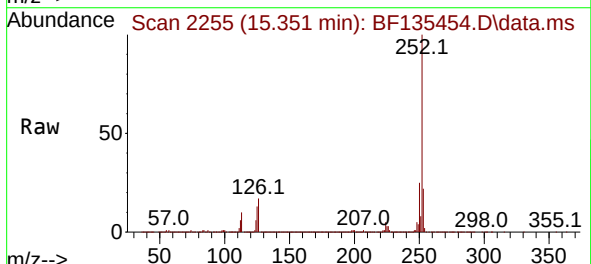
Manual Integrations
APPROVED

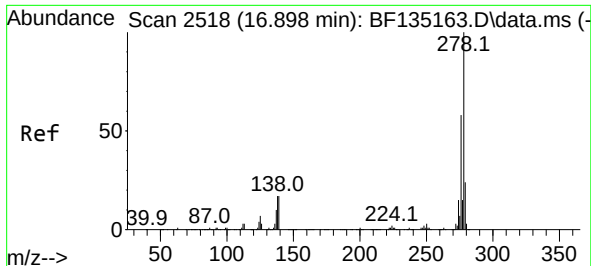
Reviewed By :Yogesh Patel 09/27/2023
Supervised By :mohammad ahmed 09/29/2023



#90
Benzo(a)pyrene
Concen: 54.467 ng
RT: 15.351 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

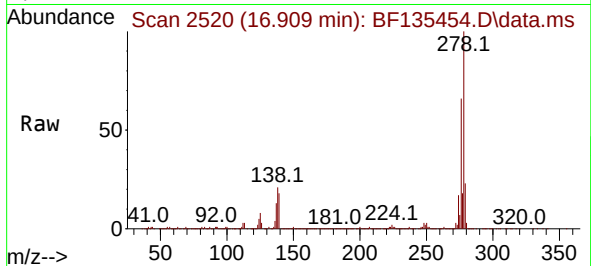
Tgt Ion:252 Resp: 1025421
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 13.1 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 38.149 ng
RT: 16.909 min Scan# 2520
Delta R.T. 0.012 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

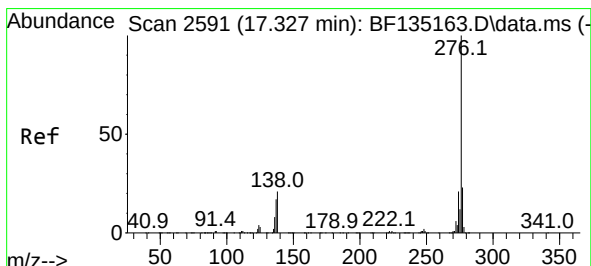
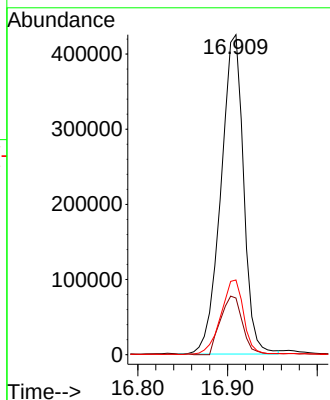
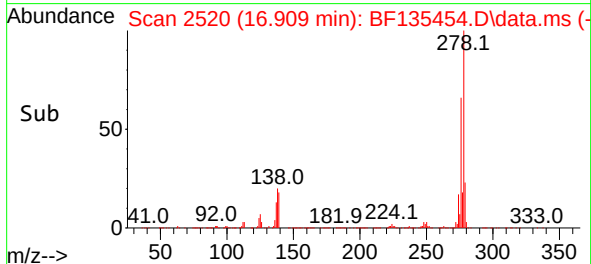
Instrument :
BNA_F
ClientSampleId :
TP-AMS



Tgt Ion: 278 Resp: 74637
Ion Ratio Lower Upper
278 100
139 17.7 13.4 20.0
279 23.3 19.0 28.6

Manual Integrations
APPROVED

Reviewed By : Yogesh Patel 09/27/2023
Supervised By : mohammad ahmed 09/29/2023



#92
Benzo(g,h,i)perylene
Concen: 34.764 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF135454.D
Acq: 26 Sep 2023 15:54

Tgt Ion: 276 Resp: 710332
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 23.9 16.9 25.3

