

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135667.D
 Acq On : 09 Oct 2023 23:45
 Operator : CG\JU
 Sample : 04731-03MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

Quant Time: Oct 10 02:30:02 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	115337	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	438909	20.000	ng	0.00
39) Acenaphthene-d10	9.781	164	213947	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	358641	20.000	ng	0.00
76) Chrysene-d12	13.933	240	203612	20.000	ng	0.00
86) Perylene-d12	15.404	264	210216	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	860331	121.321	ng	0.03
7) Phenol-d6	6.398	99	993554	110.186	ng	0.01
23) Nitrobenzene-d5	7.310	82	736215	91.131	ng	0.00
42) 2,4,6-Tribromophenol	10.581	330	263115	123.754	ng	0.01
45) 2-Fluorobiphenyl	9.098	172	1234588	87.061	ng	0.00
79) Terphenyl-d14	12.869	244	1027664	78.241	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	138997	44.712	ng	# 82
3) Pyridine	3.405	79	274277	32.782	ng	95
4) n-Nitrosodimethylamine	3.328	42	227336	51.203	ng	96
6) Aniline	6.416	93	142988	12.093	ng	# 1
8) 2-Chlorophenol	6.534	128	368851	48.725	ng	98
9) Benzaldehyde	6.304	77	124119	24.163	ng	98
10) Phenol	6.410	94	383100	38.746	ng	100
11) bis(2-Chloroethyl)ether	6.487	93	377354	50.879	ng	99
12) 1,3-Dichlorobenzene	6.681	146	368260	47.867	ng	98
13) 1,4-Dichlorobenzene	6.757	146	376860	48.147	ng	100
14) 1,2-Dichlorobenzene	6.904	146	350405	48.206	ng	99
15) Benzyl Alcohol	6.898	79	305885	47.274	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.016	45	644968	46.135	ng	# 46
17) 2-Methylphenol	7.010	107	285624	42.756	ng	# 87
18) Hexachloroethane	7.240	117	139879	48.366	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	252153	45.147	ng	96
20) 3+4-Methylphenols	7.169	107	366130	45.579	ng	# 69
22) Acetophenone	7.157	105	507860	50.611	ng	# 89
24) Nitrobenzene	7.328	77	393578	49.290	ng	99
25) Isophorone	7.569	82	704807	47.511	ng	99
26) 2-Nitrophenol	7.645	139	196039	51.154	ng	93
27) 2,4-Dimethylphenol	7.687	122	283695	44.040	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	438552	49.392	ng	100
29) 2,4-Dichlorophenol	7.892	162	304129	50.952	ng	97
30) 1,2,4-Trichlorobenzene	7.963	180	311437	49.918	ng	99
31) Naphthalene	8.040	128	1048323	49.159	ng	99
32) Benzoic acid	7.845	122	221187	45.599	ng	100
33) 4-Chloroaniline	8.122	127	64057	6.846	ng	95
34) Hexachlorobutadiene	8.151	225	186231	49.504	ng	100
35) Caprolactam	8.487	113	89722m	44.787	ng	
36) 4-Chloro-3-methylphenol	8.604	107	323152	48.711	ng	99
37) 2-Methylnaphthalene	8.734	142	647792	45.190	ng	100
38) 1-Methylnaphthalene	8.834	142	619439	46.155	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	320829	51.761	ng	99
41) Hexachlorocyclopentadiene	8.881	237	83766	35.224	ng	98
43) 2,4,6-Trichlorophenol	9.022	196	199707	49.210	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	210847	45.115	ng	96
46) 1,1'-Biphenyl	9.198	154	825788	50.226	ng	98
47) 2-Chloronaphthalene	9.228	162	596798	50.028	ng	98
48) 2-Nitroaniline	9.334	65	227817	49.157	ng	97
49) Acenaphthylene	9.639	152	974480	49.153	ng	100
50) Dimethylphthalate	9.510	163	717699	49.616	ng	99
51) 2,6-Dinitrotoluene	9.581	165	153114	48.319	ng	94
52) Acenaphthene	9.816	154	568243	48.519	ng	97
53) 3-Nitroaniline	9.751	138	74167	19.939	ng	92
54) 2,4-Dinitrophenol	9.875	184	113929	64.634	ng	93
55) Dibenzofuran	9.986	168	824193	46.116	ng	96
56) 4-Nitrophenol	9.939	139	152214	64.388	ng	98
57) 2,4-Dinitrotoluene	9.992	165	183012	46.133	ng	94
58) Fluorene	10.333	166	649768	47.292	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.116	232	166365	46.276	ng	99
60) Diethylphthalate	10.210	149	710577	48.948	ng	100
61) 4-Chlorophenyl-phenyle...	10.322	204	314622	47.670	ng	97
62) 4-Nitroaniline	10.375	138	135138	37.796	ng	98
63) Azobenzene	10.486	77	670524	47.195	ng	100
65) 4,6-Dinitro-2-methylph...	10.404	198	76595	40.210	ng	98
66) n-Nitrosodiphenylamine	10.445	169	590850	54.417	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	190488	53.404	ng	99
68) Hexachlorobenzene	10.881	284	195227	53.724	ng	# 92
69) Atrazine	10.980	200	182806	62.572	ng	97
70) Pentachlorophenol	11.086	266	167386	76.989	ng	98
71) Phenanthrene	11.298	178	843849	49.749	ng	99
72) Anthracene	11.351	178	872008	50.014	ng	100
73) Carbazole	11.516	167	782440	49.298	ng	99
74) Di-n-butylphthalate	11.839	149	1012790	54.153	ng	100
75) Fluoranthene	12.492	202	809044	45.775	ng	99
77) Benzidine	12.622	184	120947	28.995	ng	98
78) Pyrene	12.727	202	806493	41.603	ng	99
80) Butylbenzylphthalate	13.345	149	346132	50.713	ng	98
81) Benzo(a)anthracene	13.927	228	673583	51.232	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	161201	39.253	ng	# 98
83) Chrysene	13.963	228	622207	47.599	ng	99
84) Bis(2-ethylhexyl)phtha...	13.910	149	468015	66.822	ng	99
85) Di-n-octyl phthalate	14.527	149	791411	71.102	ng	100
87) Indeno(1,2,3-cd)pyrene	16.898	276	514478	37.327	ng	100
88) Benzo(b)fluoranthene	14.980	252	607267	53.364	ng	98
89) Benzo(k)fluoranthene	15.004	252	556441	49.500	ng	99
90) Benzo(a)pyrene	15.345	252	509835	46.980	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	430947	38.213	ng	99
92) Benzo(g,h,i)perylene	17.345	276	402929	34.210	ng	99

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



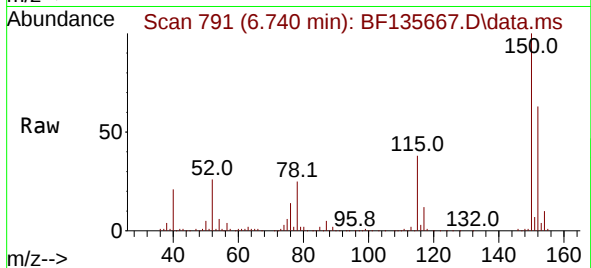
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 795
Delta R.T. 0.001 min
Lab File: BF135667.D
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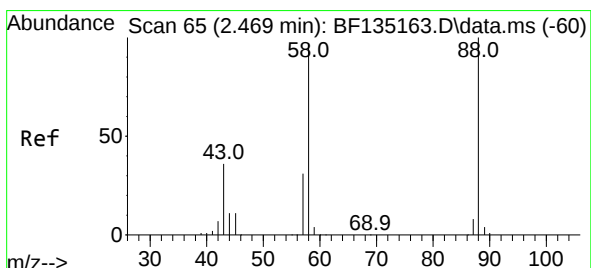
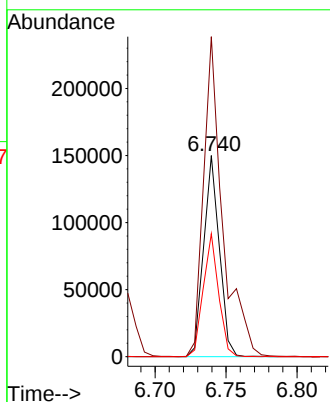
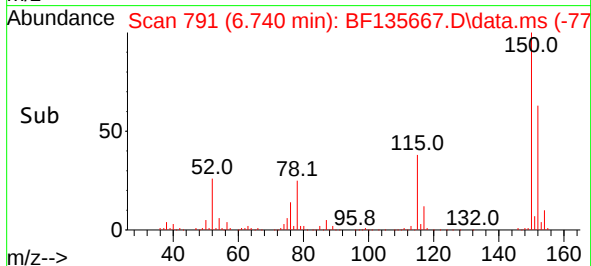


Tgt Ion:152 Resp: 115337
Ion Ratio Lower Upper
152 100
150 159.0 127.8 191.6
115 61.1 49.8 74.8

Manual Integrations

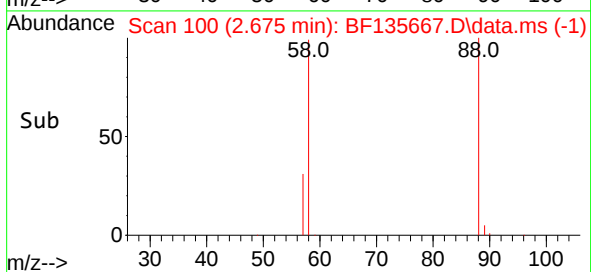
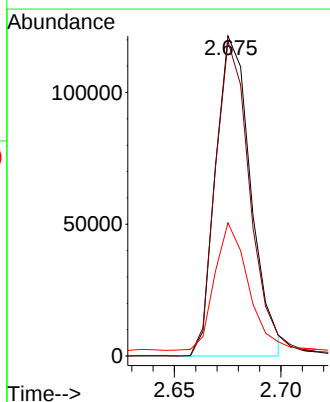
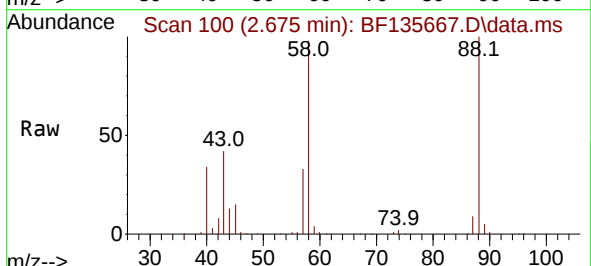
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Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#2
1,4-Dioxane
Concen: 44.712 ng
RT: 2.675 min Scan# 100
Delta R.T. 0.253 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion: 88 Resp: 138997
Ion Ratio Lower Upper
88 100
58 96.5 78.3 117.5
43 0.0 29.4 44.0#





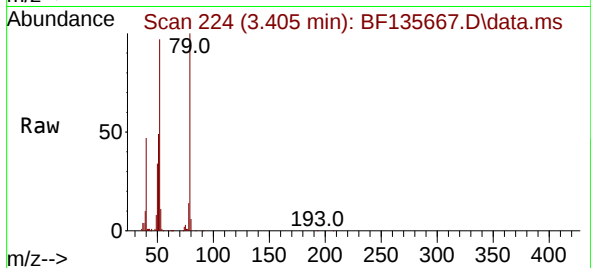
#3
 Pyridine
 Concen: 32.782 ng
 RT: 3.405 min Scan# 211
 Delta R.T. 0.241 min
 Lab File: BF135667.D
 Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

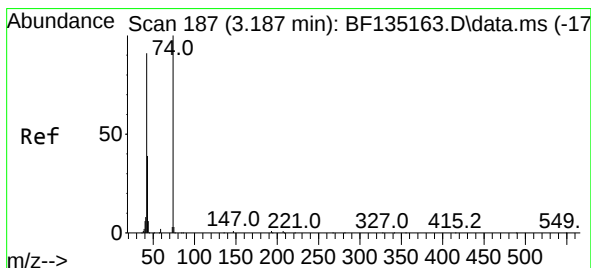
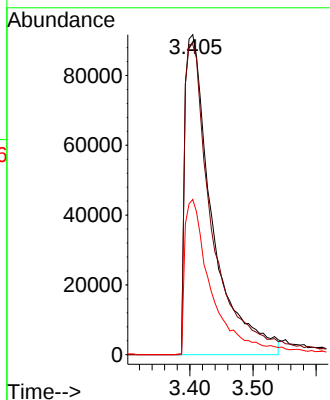
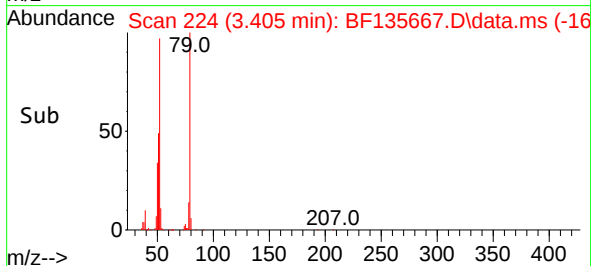
DTP-1MS



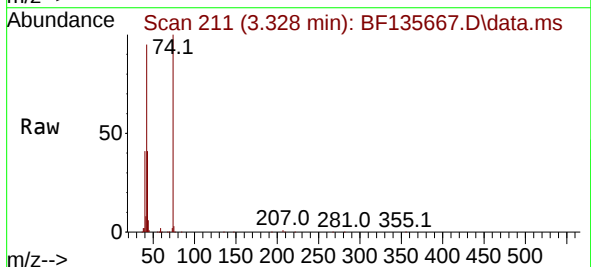
Tgt Ion: 79 Resp: 27427
 Ion Ratio Lower Upper
 79 100
 52 97.0 74.1 111.1
 51 48.5 35.8 53.8

Manual Integrations
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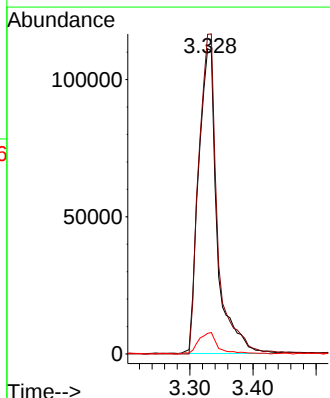
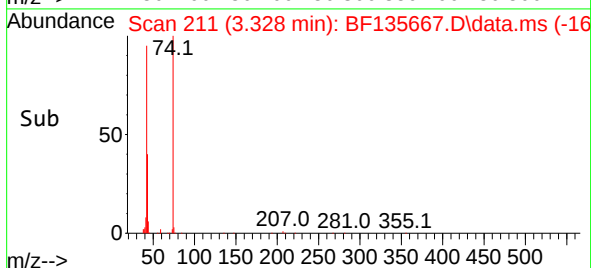
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

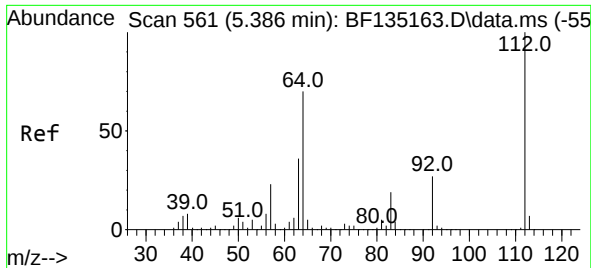


#4
 n-Nitrosodimethylamine
 Concen: 51.203 ng
 RT: 3.328 min Scan# 211
 Delta R.T. 0.194 min
 Lab File: BF135667.D
 Acq: 09 Oct 2023 23:45



Tgt Ion: 42 Resp: 227336
 Ion Ratio Lower Upper
 42 100
 74 104.7 87.7 131.5
 44 6.8 5.6 8.4





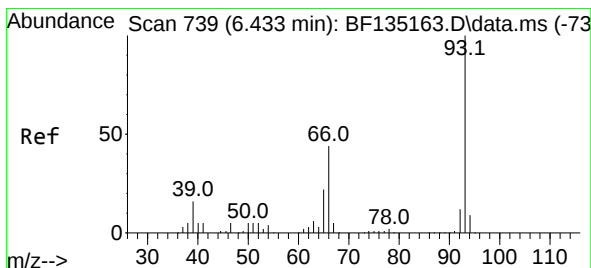
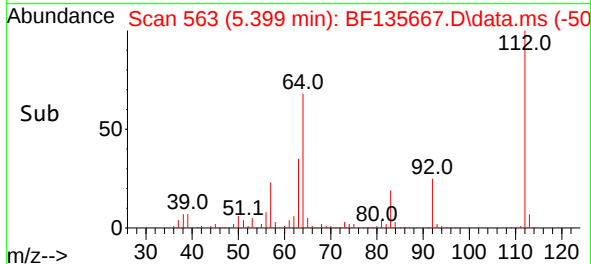
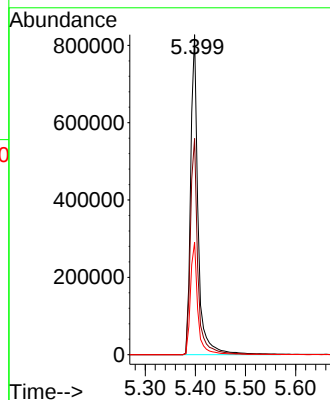
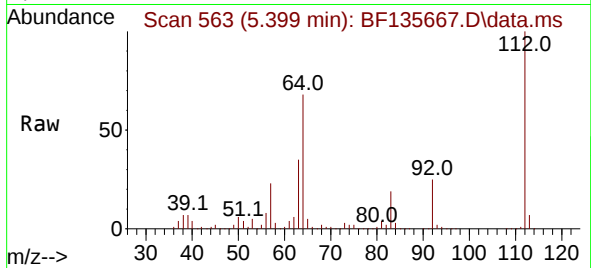
#5
2-Fluorophenol
Concen: 121.321 ng
RT: 5.399 min Scan# 50
Delta R.T. 0.030 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :
BNA_F
ClientSampleId :
DTP-1MS

Tgt Ion:112 Resp: 86033
Ion Ratio Lower Upper
112 100
64 67.6 55.9 83.9
63 35.1 29.0 43.6

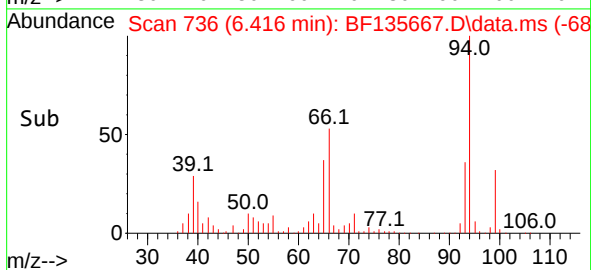
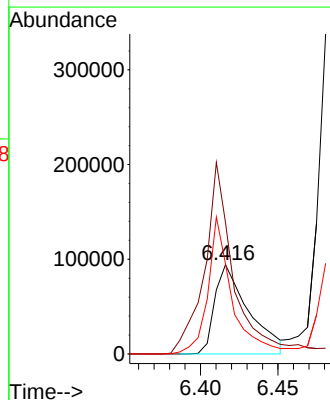
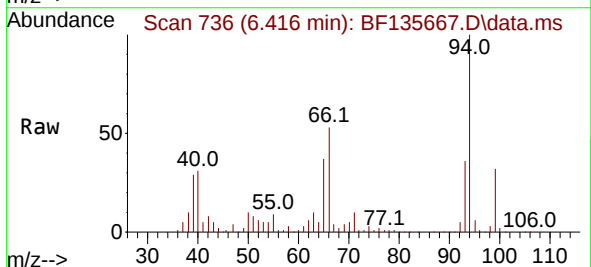
Manual Integrations
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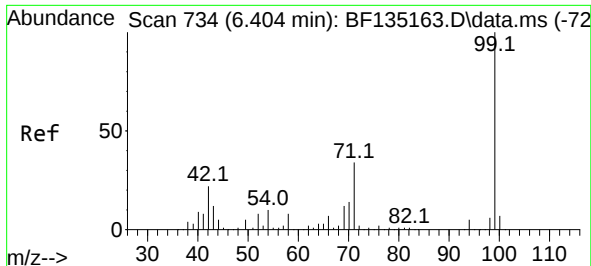
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#6
Aniline
Concen: 12.093 ng
RT: 6.416 min Scan# 736
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion: 93 Resp: 142988
Ion Ratio Lower Upper
93 100
66 147.2 35.4 53.0#
65 100.9 17.8 26.8#





#7

Phenol-d6

Concen: 110.186 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

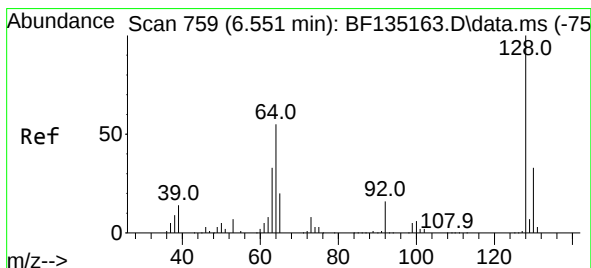
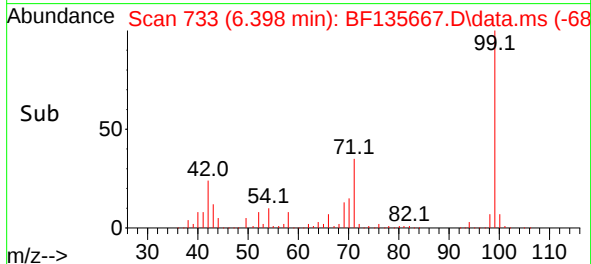
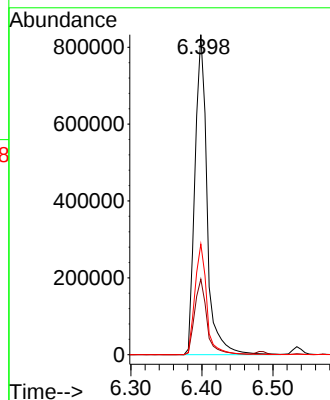
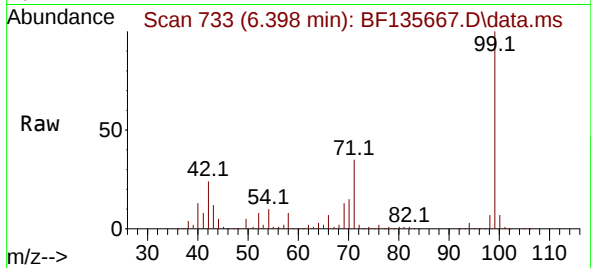
DTP-1MS

Tgt Ion: 99 Resp: 993554
 Ion Ratio Lower Upper
 99 100
 42 23.6 17.9 26.9
 71 34.5 27.0 40.6

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#8

2-Chlorophenol

Concen: 48.725 ng

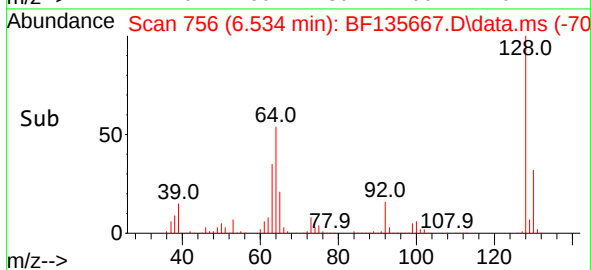
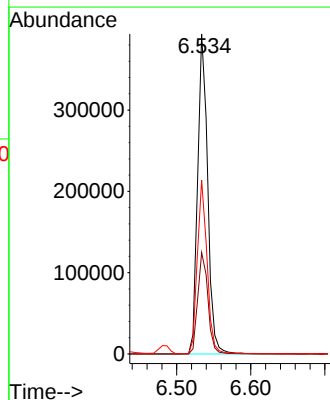
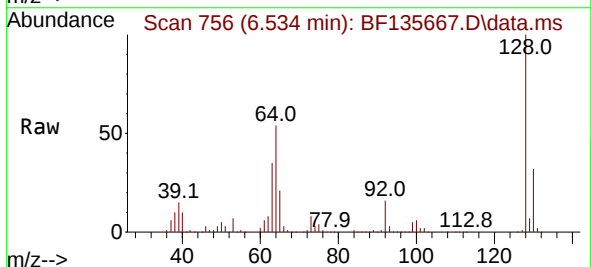
RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

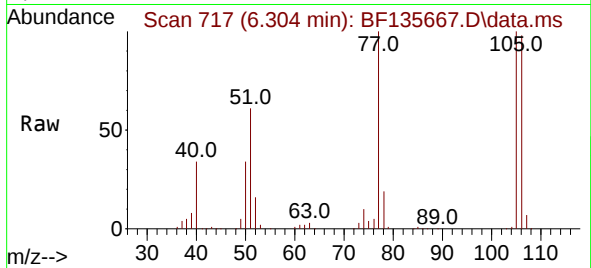
Tgt Ion:128 Resp: 368851
 Ion Ratio Lower Upper
 128 100
 130 31.7 12.7 52.7
 64 54.4 35.9 75.9





#9
Benzaldehyde
Concen: 24.163 ng
RT: 6.304 min Scan# 717
Delta R.T. 0.006 min
Lab File: BF135667.D
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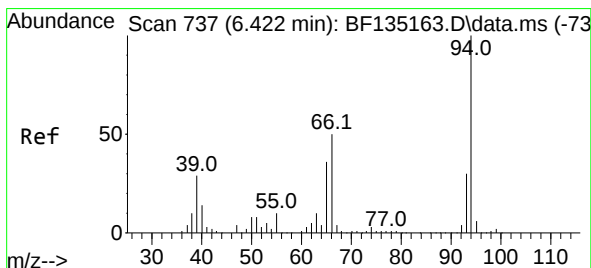
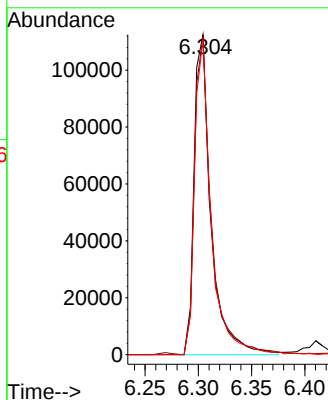
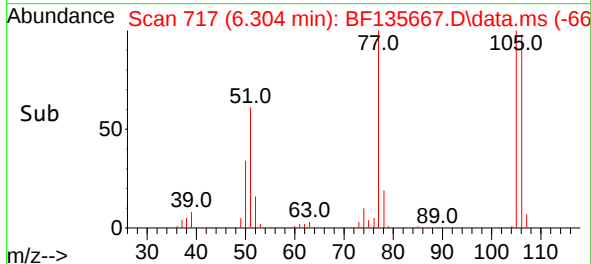
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion: 77 Resp: 124119
Ion Ratio Lower Upper
77 100
105 99.6 81.4 121.4
106 98.4 76.9 116.9

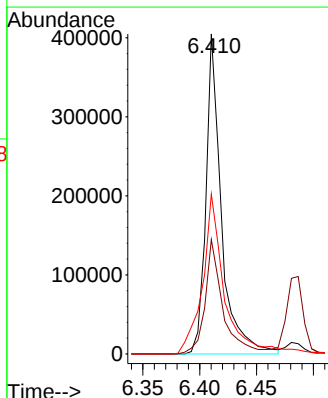
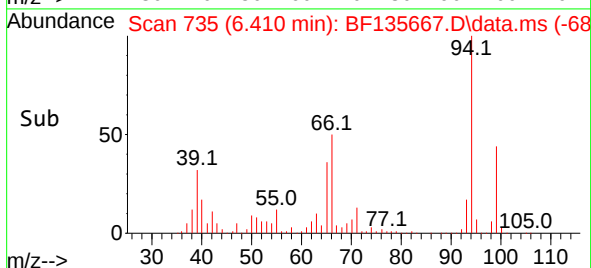
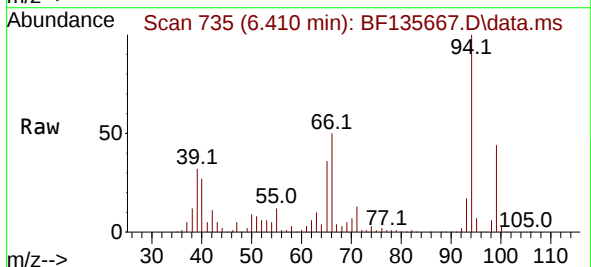
Manual Integrations
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Supervised By :mohammad ahmed 10/11/2023



#10
Phenol
Concen: 38.746 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion: 94 Resp: 383100
Ion Ratio Lower Upper
94 100
65 35.7 15.9 55.9
66 49.9 29.8 69.8





#11

bis(2-Chloroethyl)ether

Concen: 50.879 ng

RT: 6.487 min Scan# 748

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

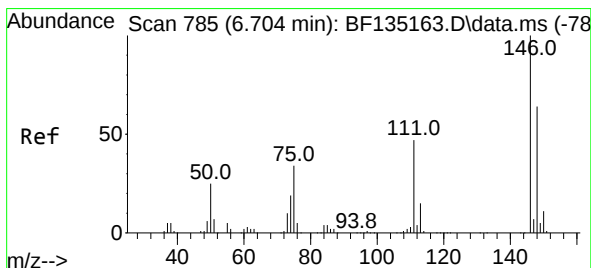
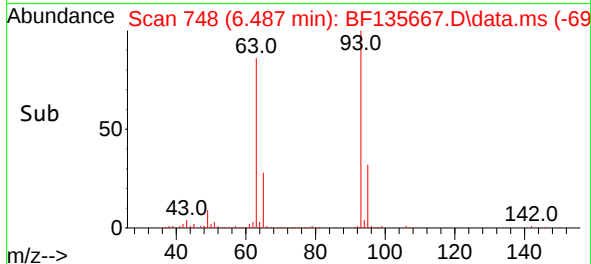
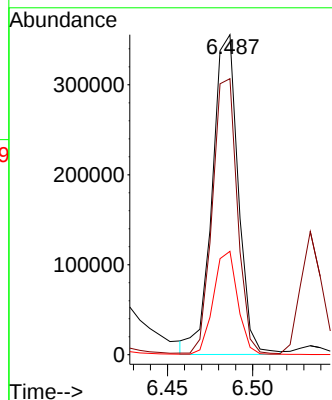
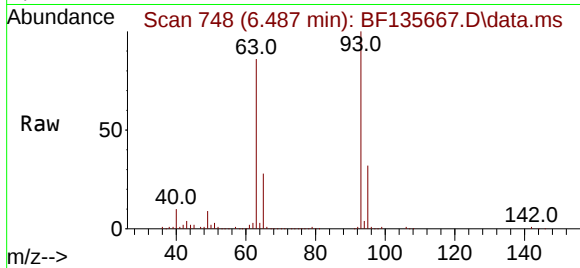
Tgt Ion: 93 Resp: 377354

Ion	Ratio	Lower	Upper
93	100		
63	86.3	67.3	107.3
95	32.3	12.7	52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#12

1,3-Dichlorobenzene

Concen: 47.867 ng

RT: 6.681 min Scan# 781

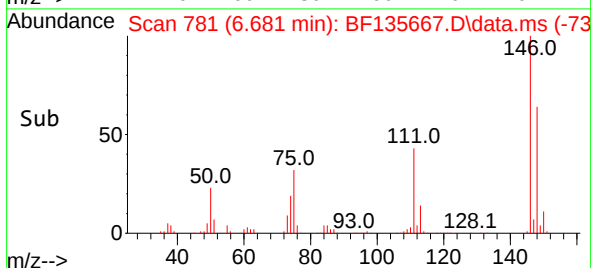
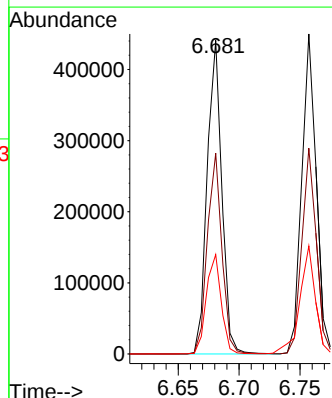
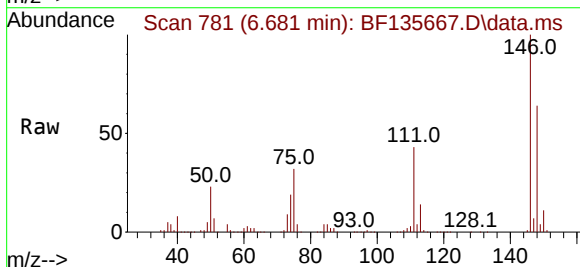
Delta R.T. 0.000 min

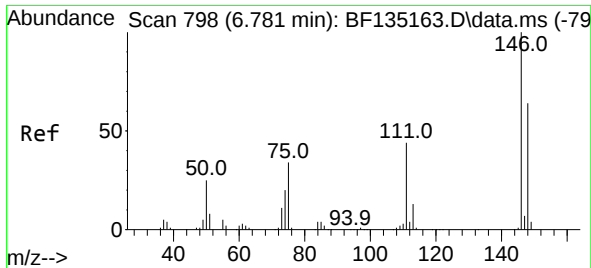
Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Tgt Ion:146 Resp: 368260

Ion	Ratio	Lower	Upper
146	100		
148	64.0	51.3	76.9
75	31.7	27.4	41.2





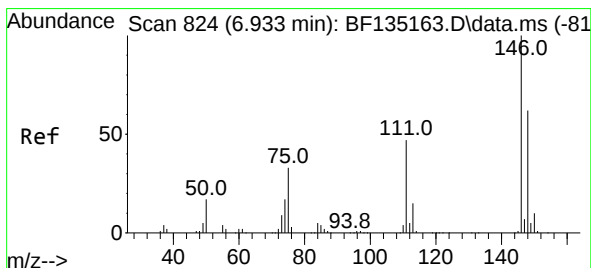
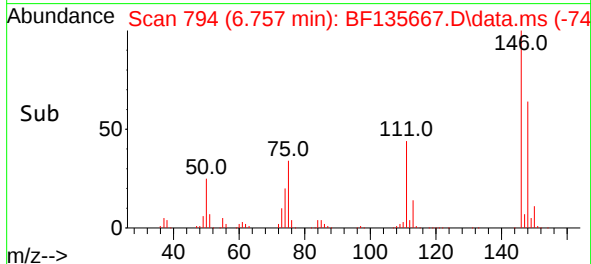
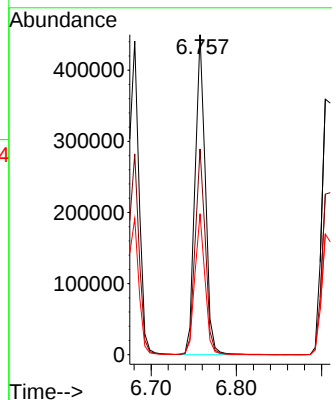
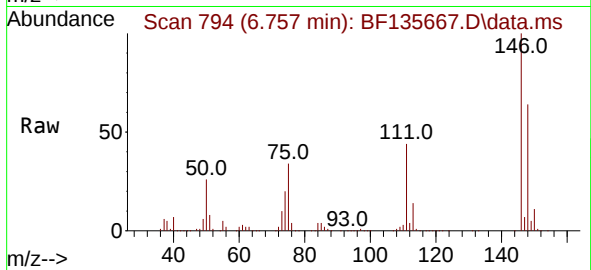
#13
1,4-Dichlorobenzene
Concen: 48.147 ng
RT: 6.757 min Scan# 798
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :
BNA_F
ClientSampleId :
DTP-1MS

Tgt Ion:146 Resp: 376860
Ion Ratio Lower Upper
146 100
148 64.3 51.3 76.9
111 44.1 35.1 52.7

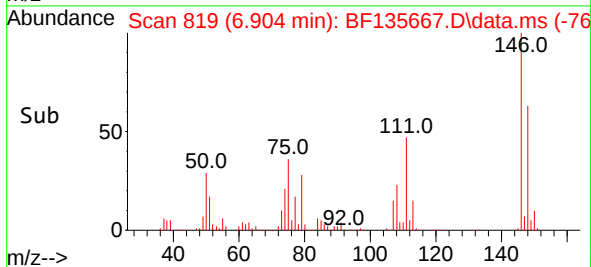
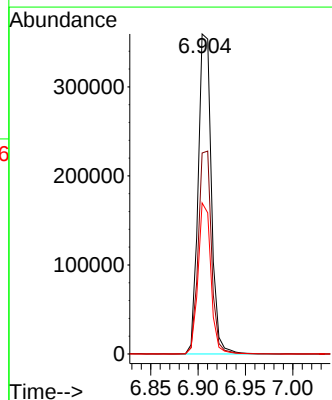
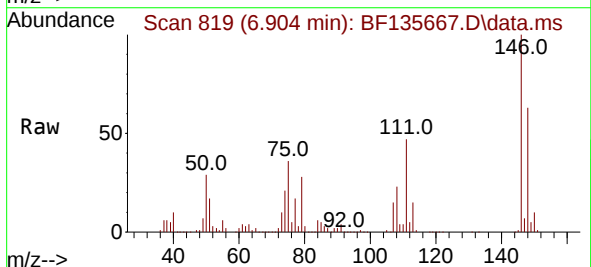
Manual Integrations
APPROVED

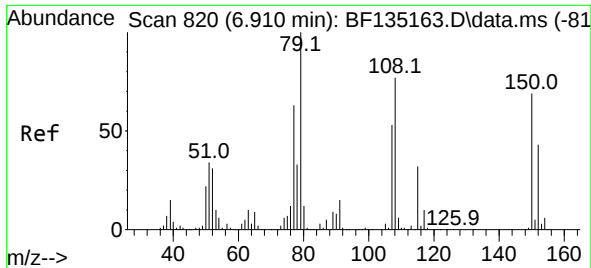
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#14
1,2-Dichlorobenzene
Concen: 48.206 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

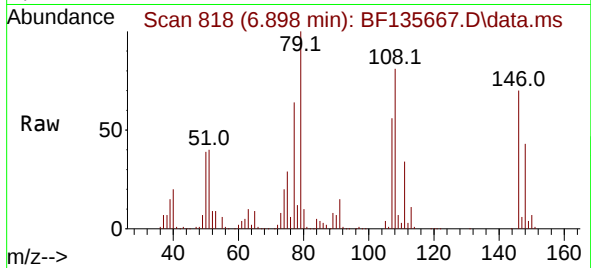
Tgt Ion:146 Resp: 350405
Ion Ratio Lower Upper
146 100
148 62.8 49.7 74.5
111 47.2 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.274 ng
RT: 6.898 min Scan# 818
Delta R.T. 0.012 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

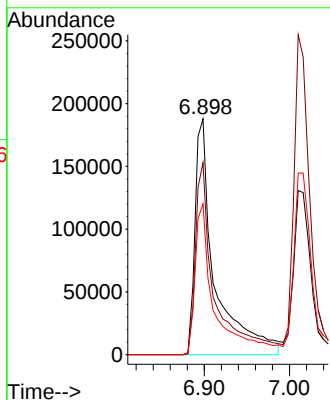
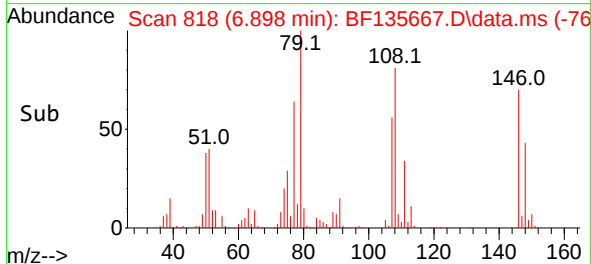
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion: 79 Resp: 30588
Ion Ratio Lower Upper
79 100
108 81.5 61.2 91.8
77 64.0 50.5 75.7

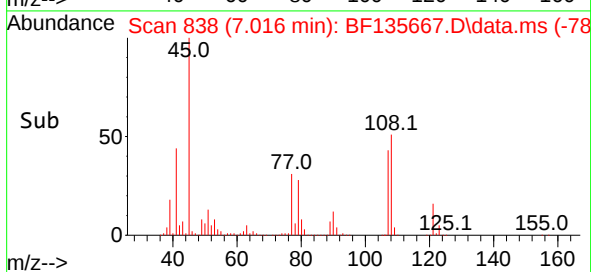
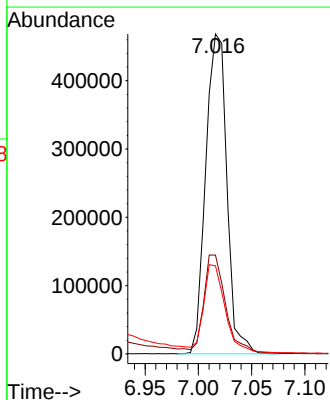
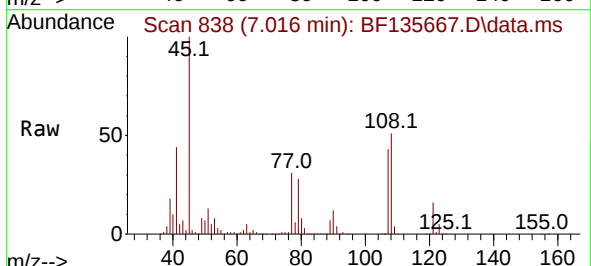
Manual Integrations
APPROVED

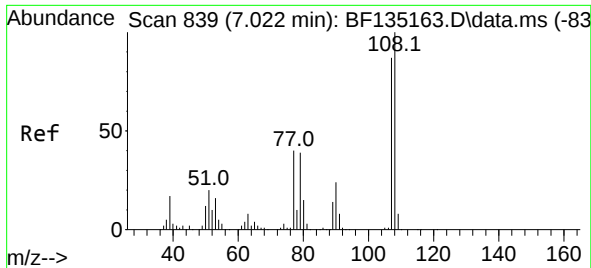
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.135 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

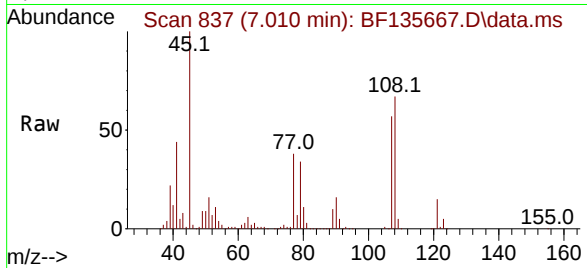
Tgt Ion: 45 Resp: 644968
Ion Ratio Lower Upper
45 100
77 30.9 0.0 30.6
79 27.6 0.0 28.3





#17
2-Methylphenol
Concen: 42.756 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

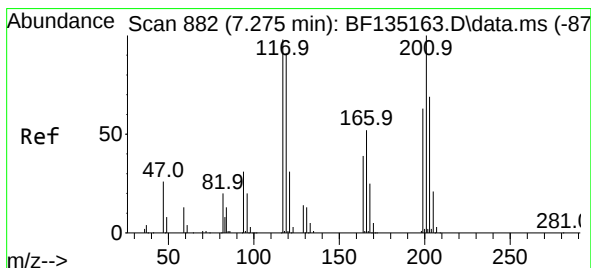
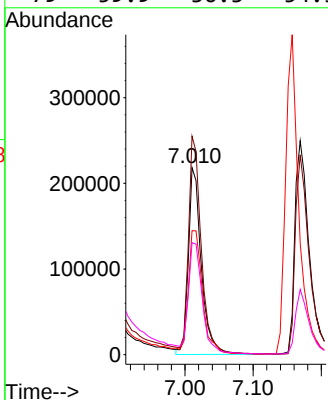
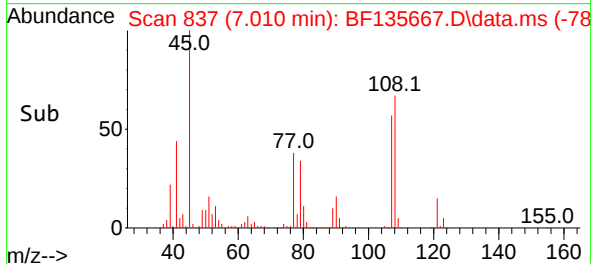
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:107 Resp: 285624
Ion Ratio Lower Upper
107 100
108 116.7 92.0 138.0
77 66.2 36.7 55.1
79 59.9 36.3 54.5#

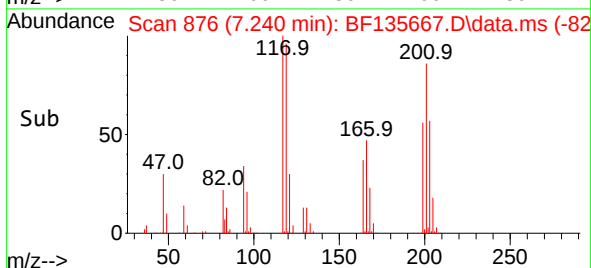
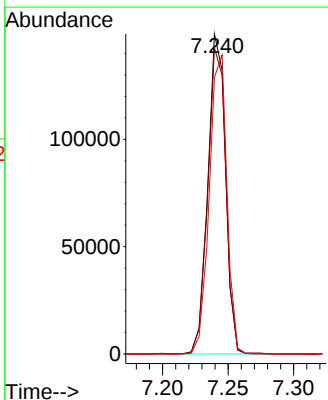
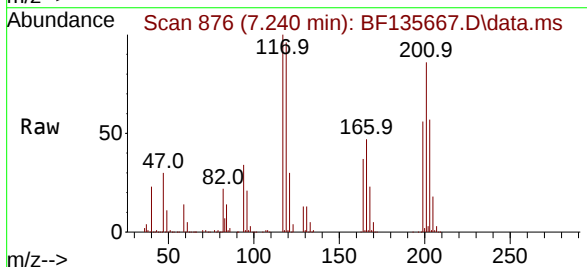
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#18
Hexachloroethane
Concen: 48.366 ng
RT: 7.240 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:117 Resp: 139879
Ion Ratio Lower Upper
117 100
119 95.7 74.7 112.1
201 86.4 81.8 122.8





#19

n-Nitroso-di-n-propylamine

Concen: 45.147 ng

RT: 7.163 min Scan# 80

Delta R.T. 0.006 min

Lab File: BF135667.D

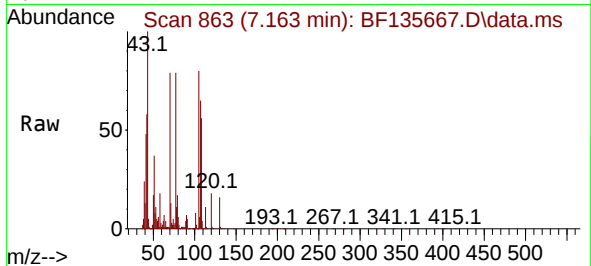
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS



Tgt Ion: 70 Resp: 25215

Ion Ratio Lower Upper

70 100

42 73.9 55.4 83.0

101 9.7 7.7 11.5

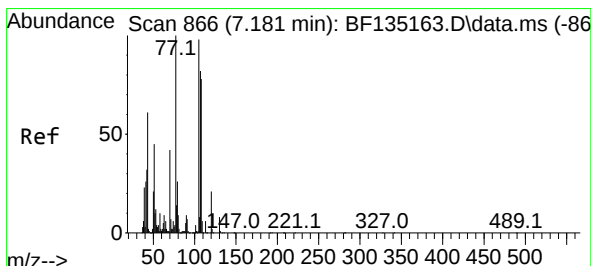
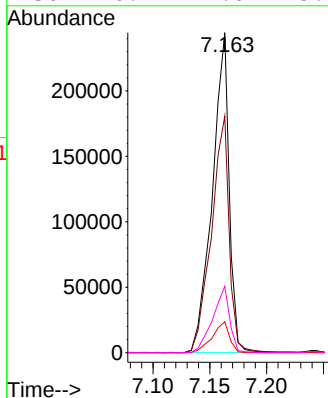
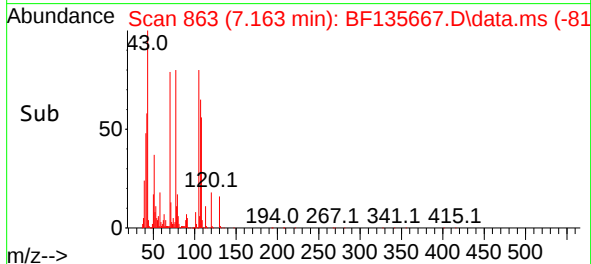
130 20.7 17.0 25.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#20

3+4-Methylphenols

Concen: 45.579 ng

RT: 7.169 min Scan# 864

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Tgt Ion:107 Resp: 366130

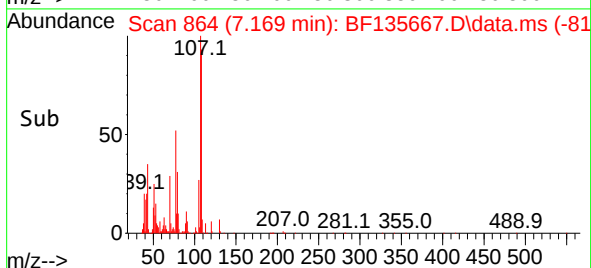
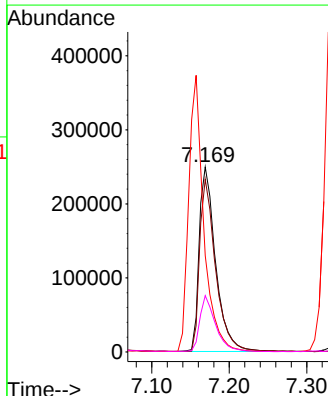
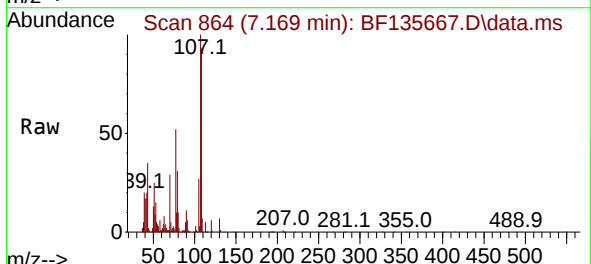
Ion Ratio Lower Upper

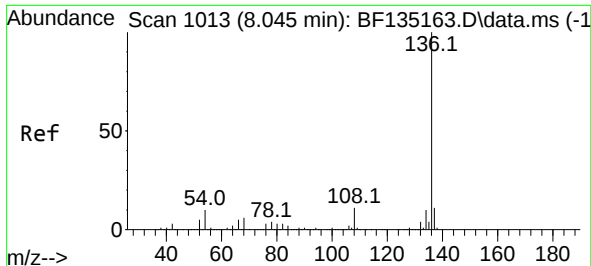
107 100

108 93.4 74.7 114.7

77 52.1 102.0 142.0#

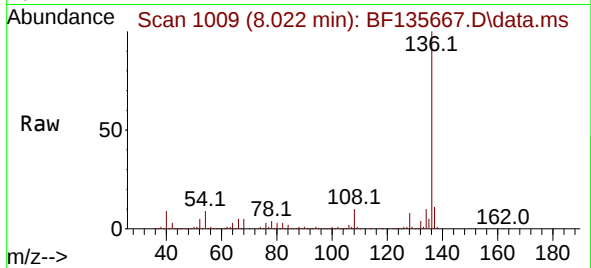
79 30.5 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

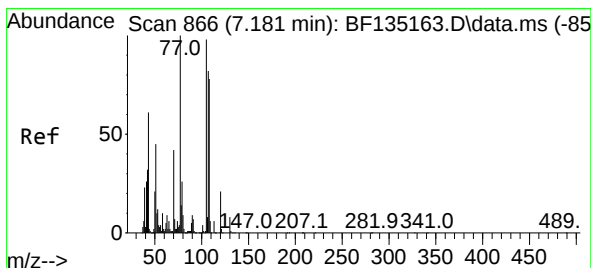
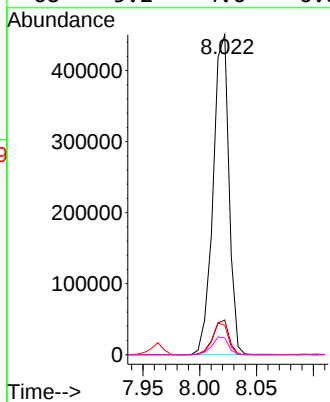
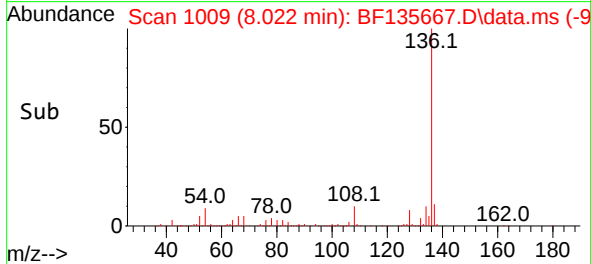
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:136 Resp: 438909
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.1 7.7 11.5
68 5.2 4.6 6.8

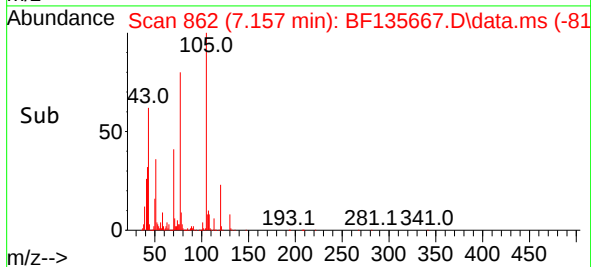
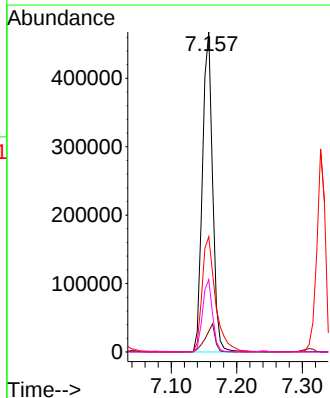
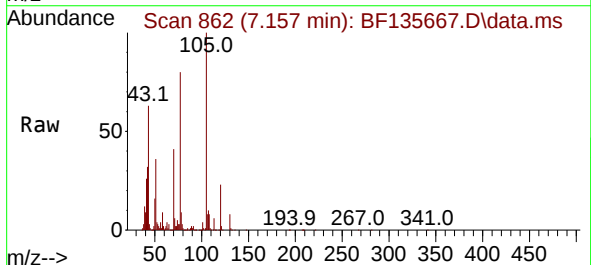
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#22
Acetophenone
Concen: 50.611 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:105 Resp: 507860
Ion Ratio Lower Upper
105 100
71 6.5 5.8 8.6
51 36.0 37.0 55.4#
120 22.6 17.0 25.6





#23

Nitrobenzene-d5

Concen: 91.131 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion: 82 Resp: 736215

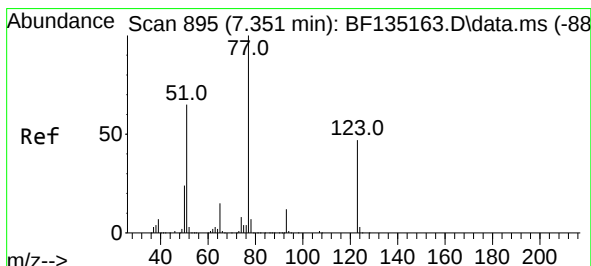
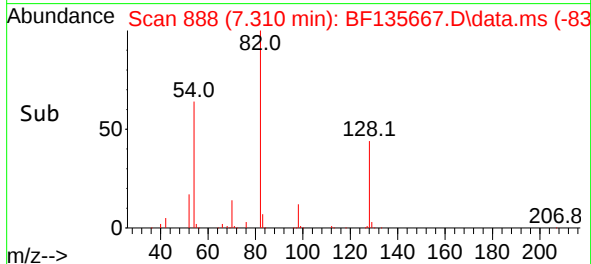
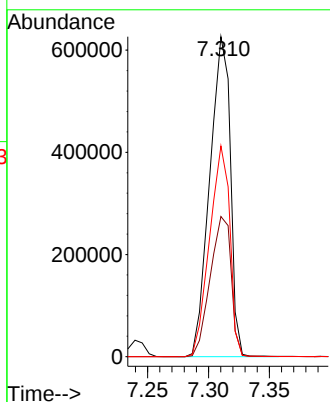
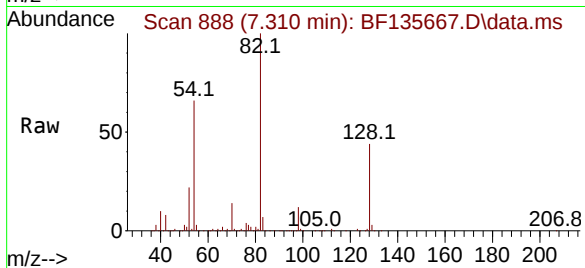
Ion	Ratio	Lower	Upper
82	100		
128	43.8	35.8	53.6
54	65.9	50.6	76.0

Manual Integrations

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Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#24

Nitrobenzene

Concen: 49.290 ng

RT: 7.328 min Scan# 891

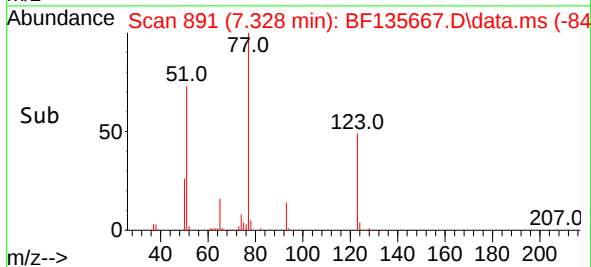
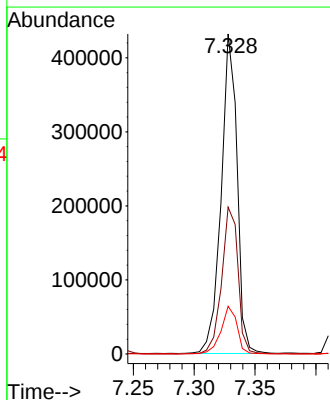
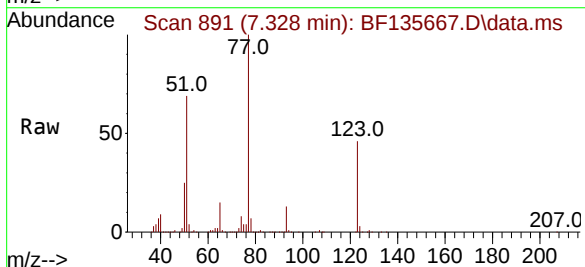
Delta R.T. 0.000 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Tgt Ion: 77 Resp: 393578

Ion	Ratio	Lower	Upper
77	100		
123	45.9	37.6	56.4
65	14.9	12.2	18.4





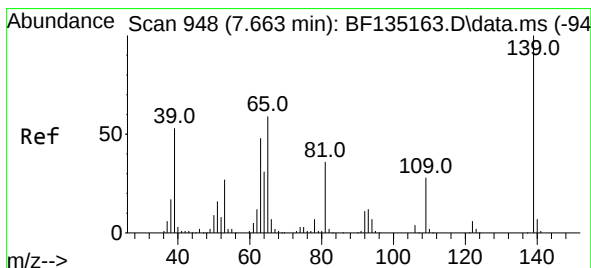
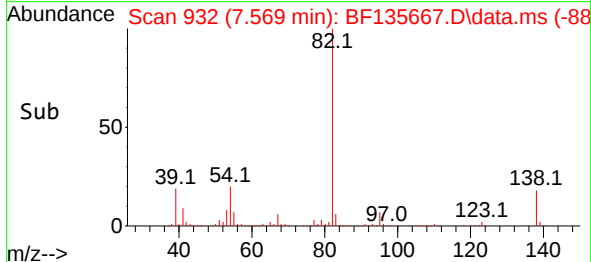
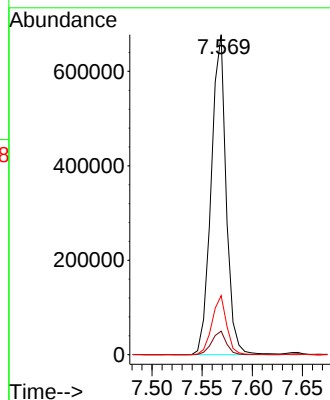
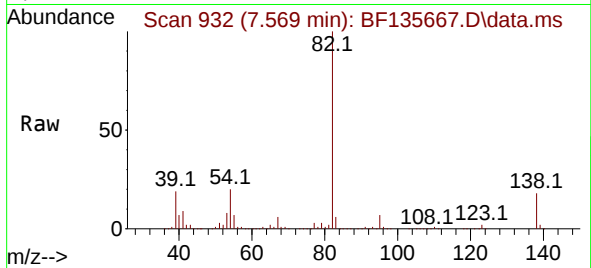
#25
Isophorone
Concen: 47.511 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :
BNA_F
ClientSampleId :
DTP-1MS

Tgt Ion: 82 Resp: 70480
Ion Ratio Lower Upper
82 100
95 7.4 6.0 9.0
138 18.5 14.5 21.7

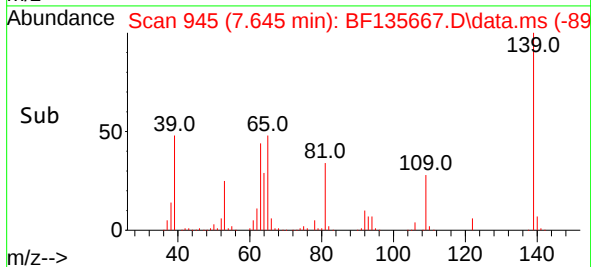
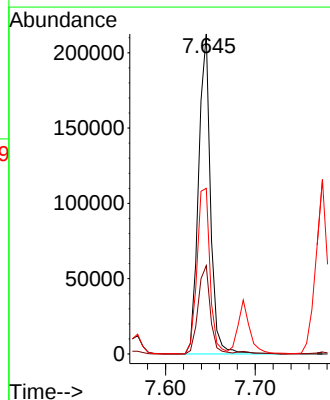
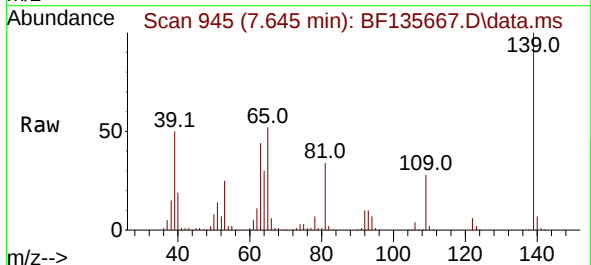
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#26
2-Nitrophenol
Concen: 51.154 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:139 Resp: 196039
Ion Ratio Lower Upper
139 100
109 27.6 22.6 33.8
65 51.7 47.0 70.4





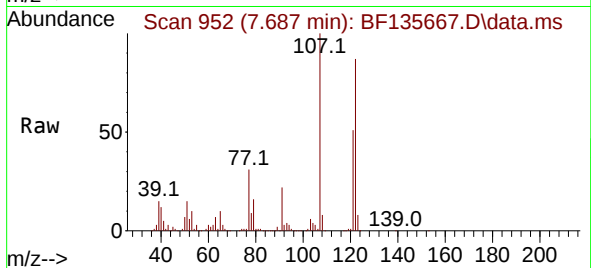
#27
2,4-Dimethylphenol
Concen: 44.040 ng
RT: 7.687 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS



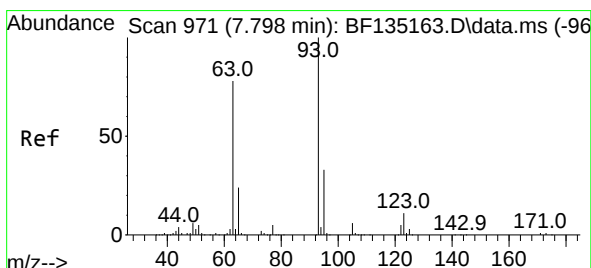
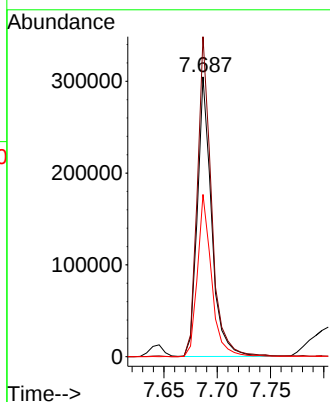
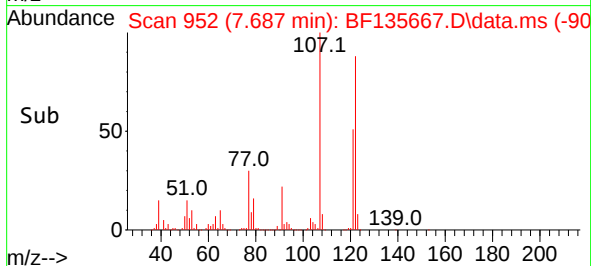
Tgt Ion:122 Resp: 28369
Ion Ratio Lower Upper
122 100
107 114.4 90.2 135.4
121 58.0 46.3 69.5

Manual Integrations

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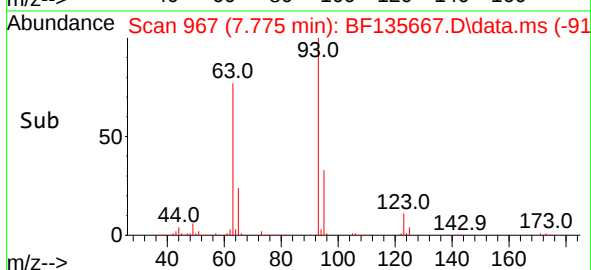
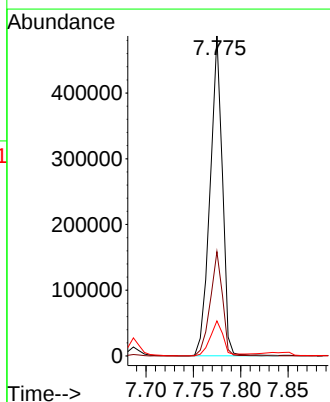
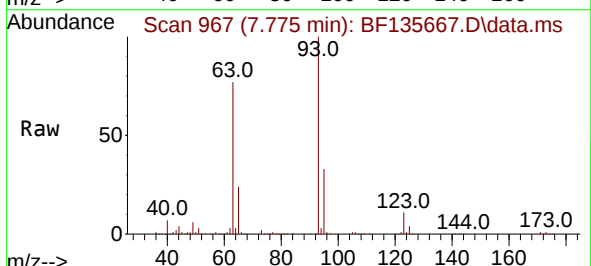
Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.392 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion: 93 Resp: 438552
Ion Ratio Lower Upper
93 100
95 32.6 26.2 39.2
123 10.9 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 50.952 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

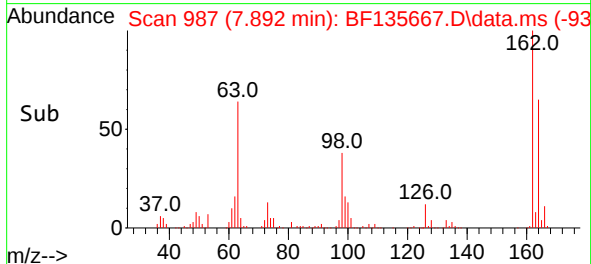
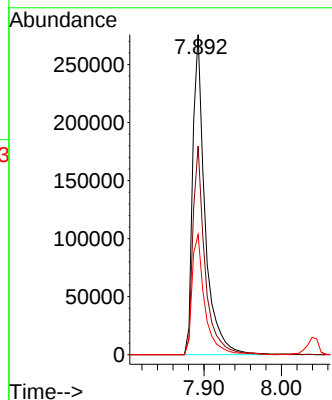
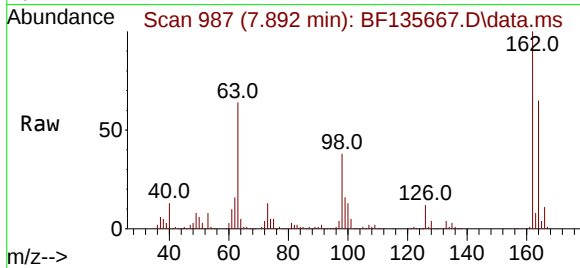
Tgt Ion:	162	Resp:	304129
Ion Ratio	Lower	Upper	
162	100		
164	65.2	44.1	84.1
98	37.6	20.3	60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 49.918 ng

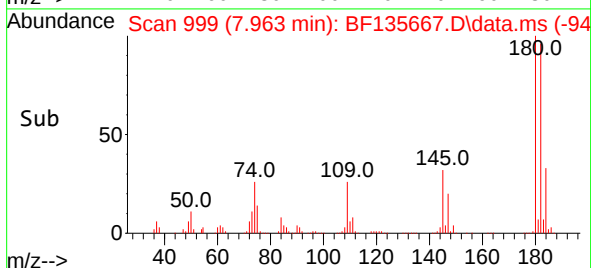
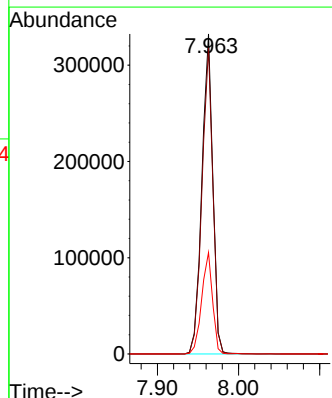
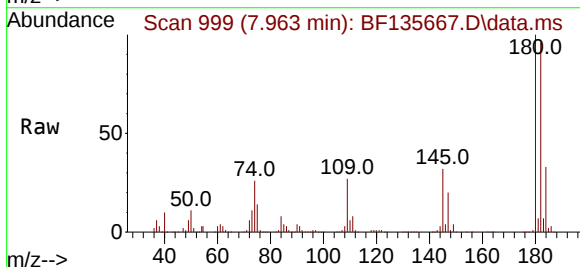
RT: 7.963 min Scan# 999

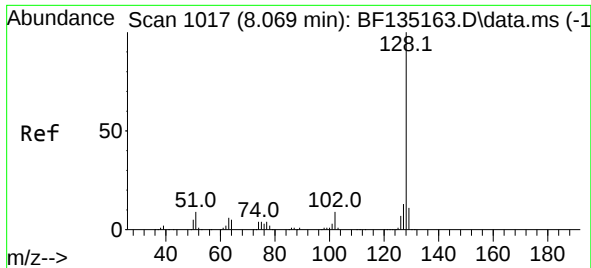
Delta R.T. 0.000 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

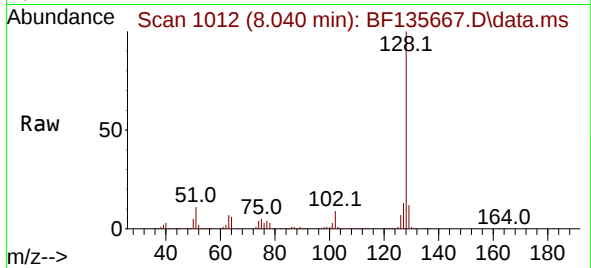
Tgt Ion:	180	Resp:	311437
Ion Ratio	Lower	Upper	
180	100		
182	95.6	76.9	115.3
145	31.7	24.5	36.7





#31
Naphthalene
Concen: 49.159 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

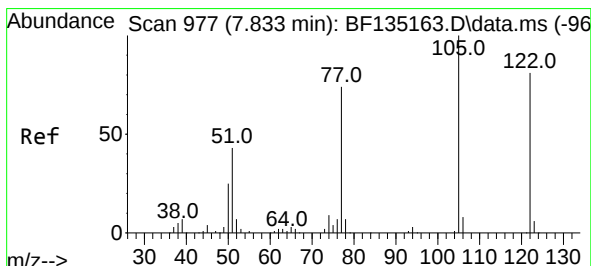
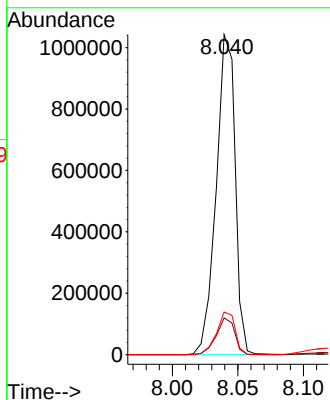
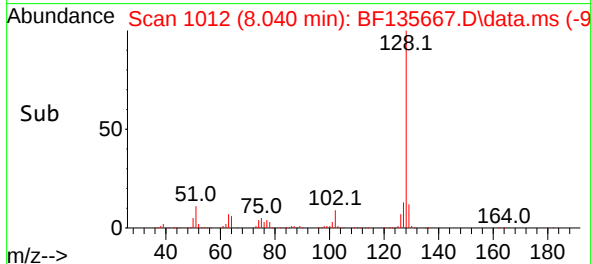
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:128 Resp: 104832
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 13.4 10.7 16.1

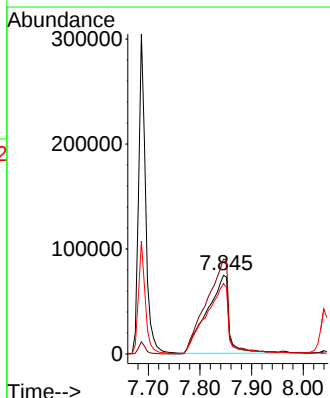
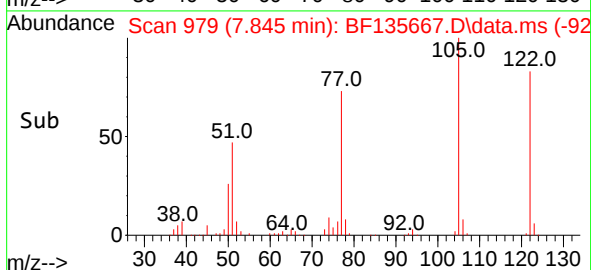
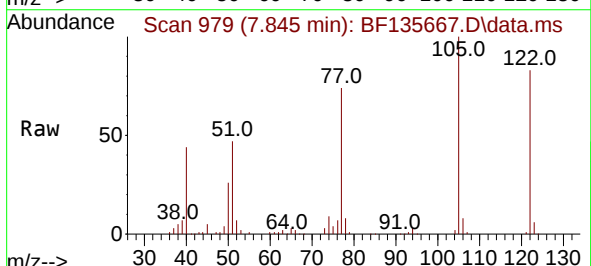
Manual Integrations
APPROVED

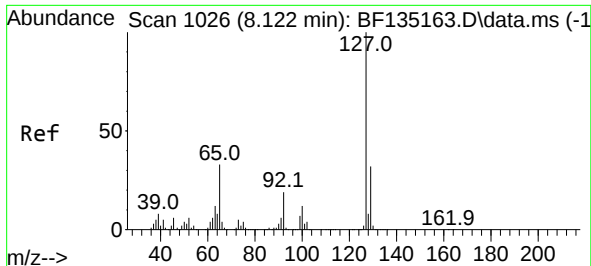
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#32
Benzoic acid
Concen: 45.599 ng
RT: 7.845 min Scan# 979
Delta R.T. 0.024 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:122 Resp: 221187
Ion Ratio Lower Upper
122 100
105 120.5 99.9 139.9
77 89.7 70.0 110.0





#33
4-Chloroaniline
Concen: 6.846 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.024 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

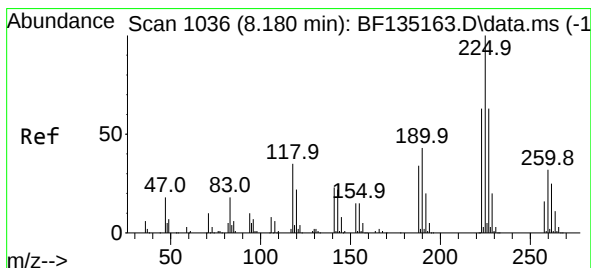
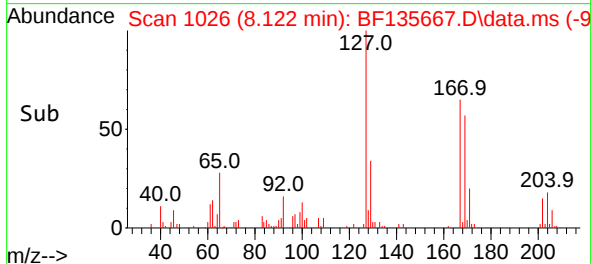
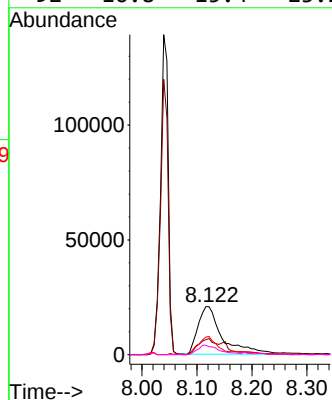
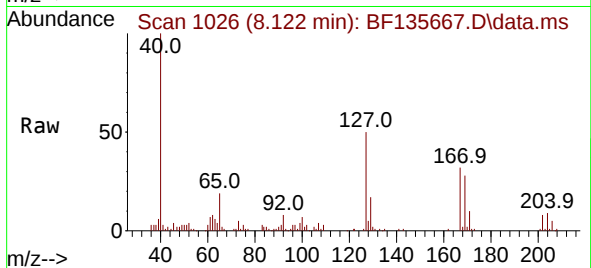
DTP-1MS

Tgt Ion:127 Resp: 6405
Ion Ratio Lower Upper
127 100
129 33.8 25.8 38.8
65 37.8 26.6 39.8
92 16.8 15.4 23.2

Manual Integrations

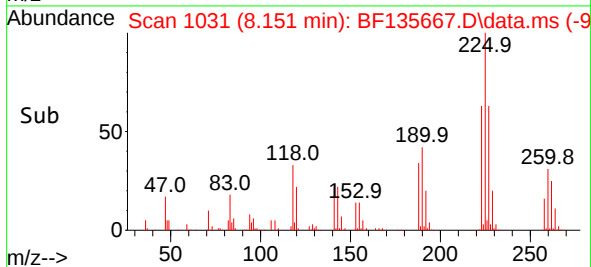
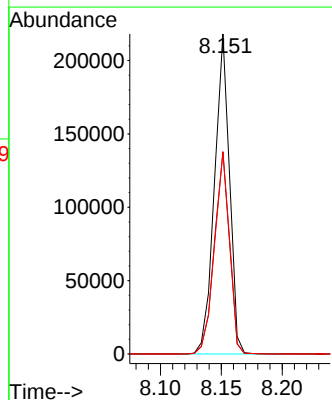
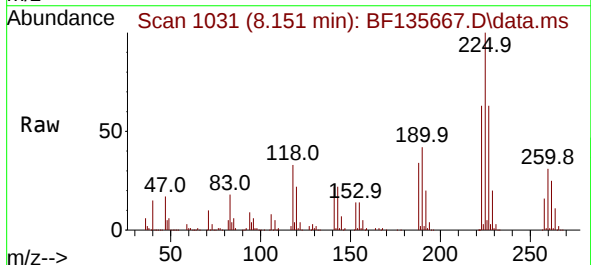
APPROVED

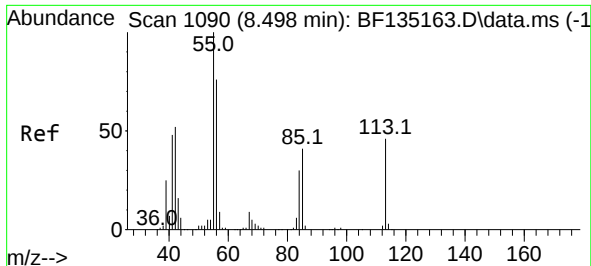
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#34
Hexachlorobutadiene
Concen: 49.504 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:225 Resp: 186231
Ion Ratio Lower Upper
225 100
223 63.1 50.6 75.8
227 63.3 50.8 76.2





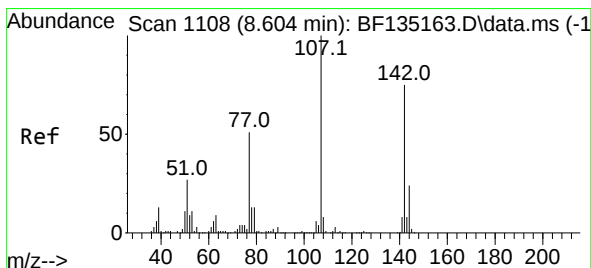
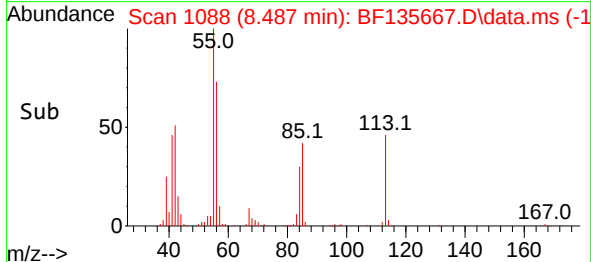
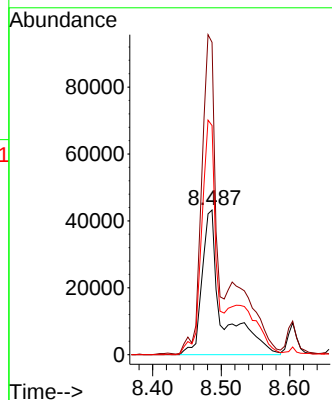
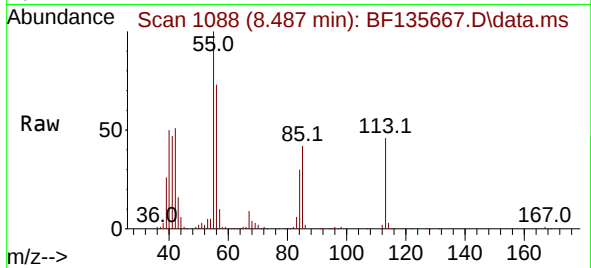
#35
 Caprolactam
 Concen: 44.787 ng m
 RT: 8.487 min Scan# 1090
 Delta R.T. 0.018 min
 Lab File: BF135667.D
 Acq: 09 Oct 2023 23:45

Instrument :
 BNA_F
 ClientSampleId :
 DTP-1MS

Tgt Ion:113 Resp: 8972
 Ion Ratio Lower Upper
 113 100
 55 216.0 199.3 239.3
 56 158.5 146.3 186.3

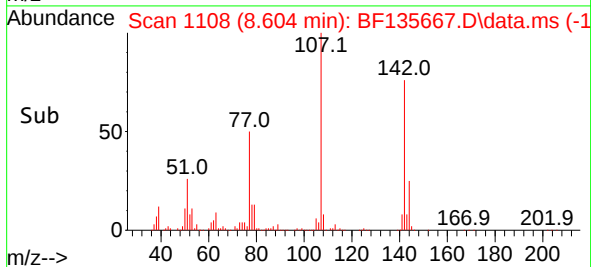
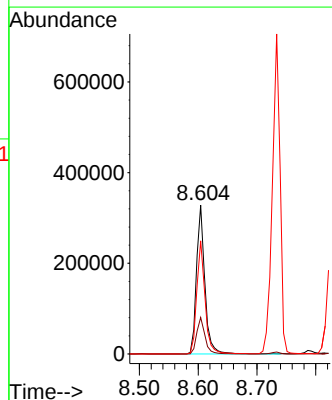
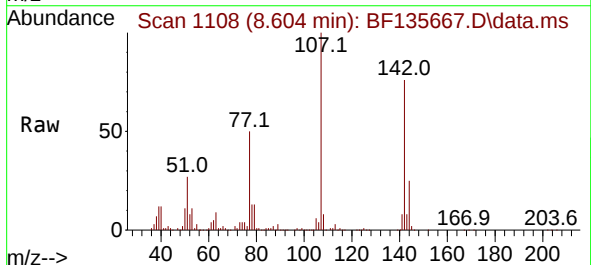
Manual Integrations
 APPROVED

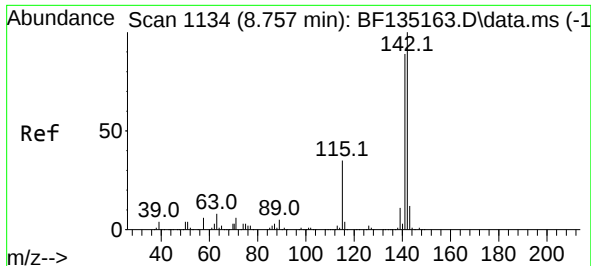
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#36
 4-Chloro-3-methylphenol
 Concen: 48.711 ng
 RT: 8.604 min Scan# 1108
 Delta R.T. 0.018 min
 Lab File: BF135667.D
 Acq: 09 Oct 2023 23:45

Tgt Ion:107 Resp: 323152
 Ion Ratio Lower Upper
 107 100
 144 24.6 19.0 28.4
 142 76.0 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.190 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:142 Resp: 647792

Ion Ratio Lower Upper

142 100

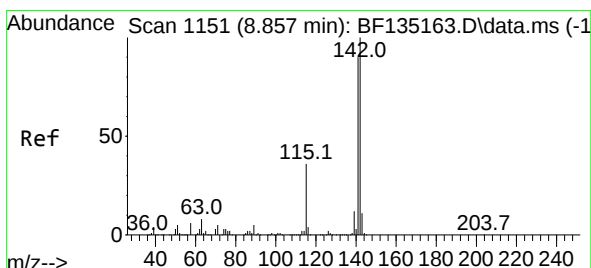
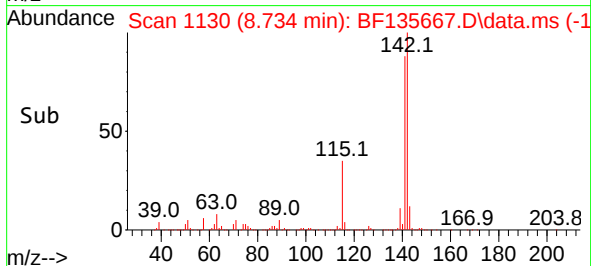
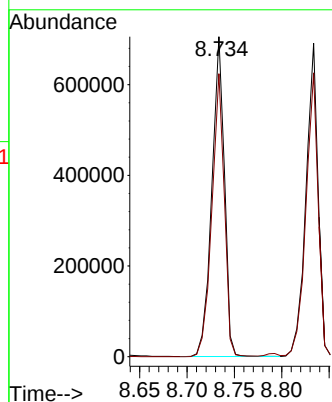
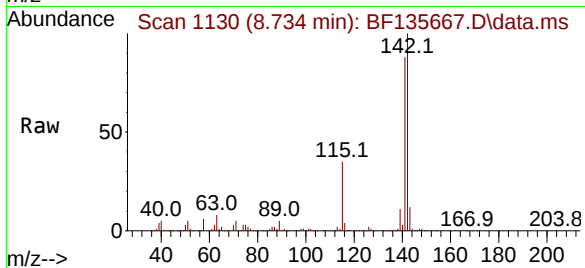
141 88.4 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#38

1-Methylnaphthalene

Concen: 46.155 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135667.D

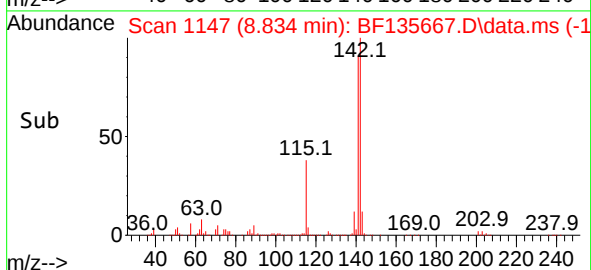
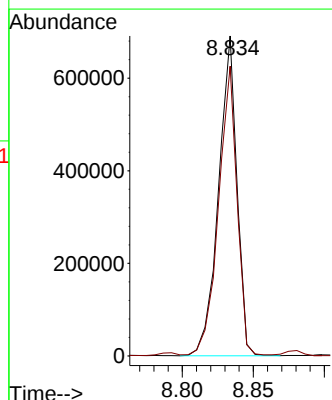
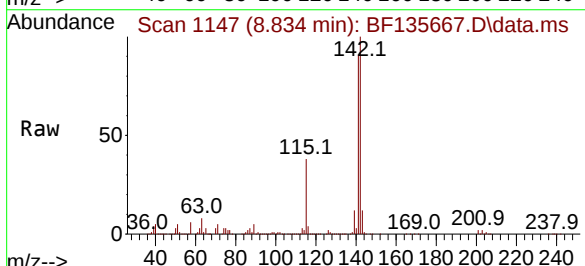
Acq: 09 Oct 2023 23:45

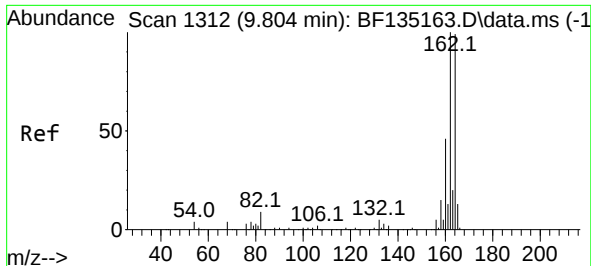
Tgt Ion:142 Resp: 619439

Ion Ratio Lower Upper

142 100

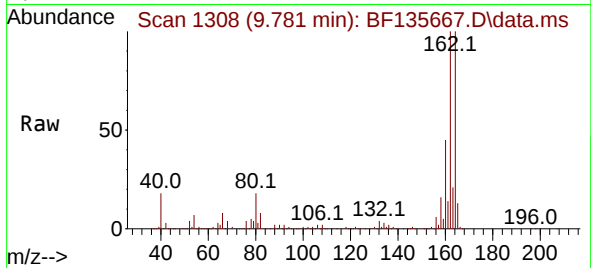
141 90.6 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1158
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

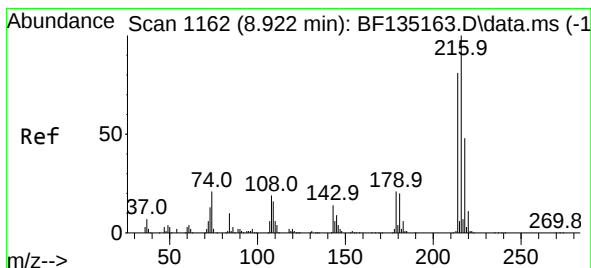
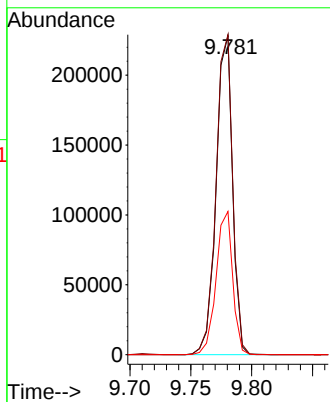
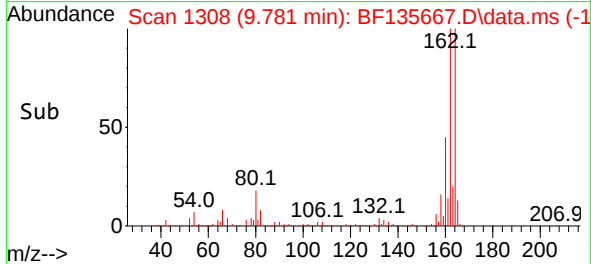
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



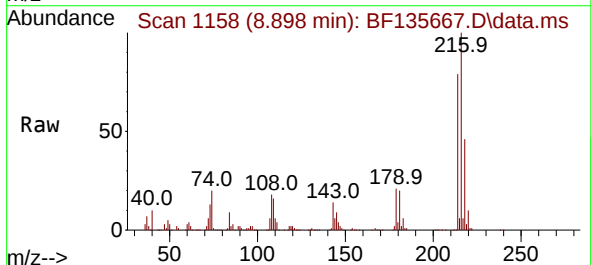
Tgt Ion:164 Resp: 21394
Ion Ratio Lower Upper
164 100
162 100.3 81.0 121.4
160 44.9 37.0 55.4

Manual Integrations
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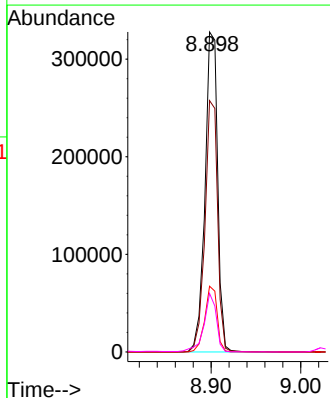
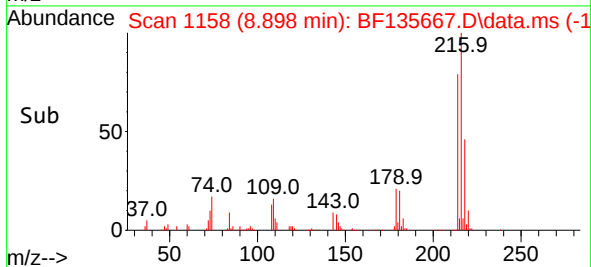
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.761 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45



Tgt Ion:216 Resp: 320829
Ion Ratio Lower Upper
216 100
214 78.5 63.7 95.5
179 20.1 16.7 25.1
108 18.0 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 35.224 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

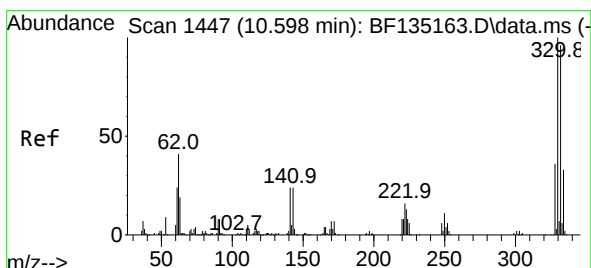
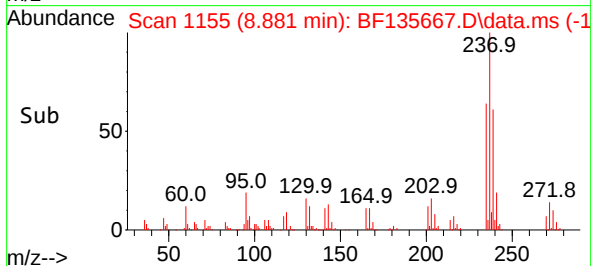
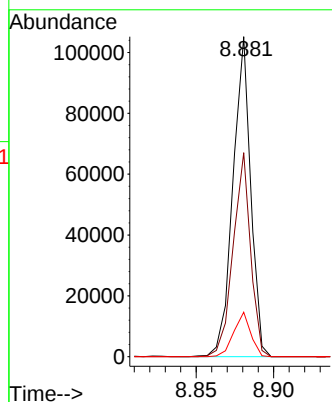
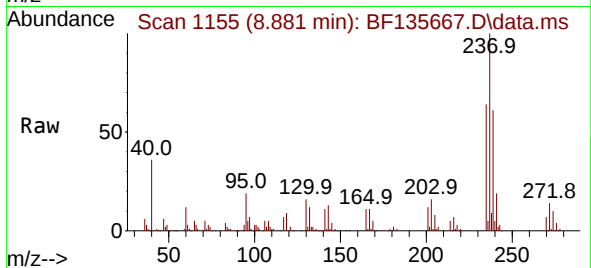
DTP-1MS

Tgt Ion:237 Resp: 83760
Ion Ratio Lower Upper
237 100
235 63.8 41.8 81.8
272 13.9 0.0 33.6

Manual Integrations

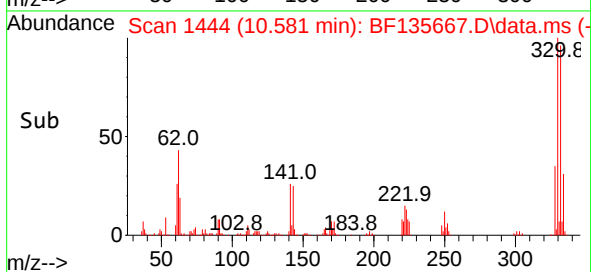
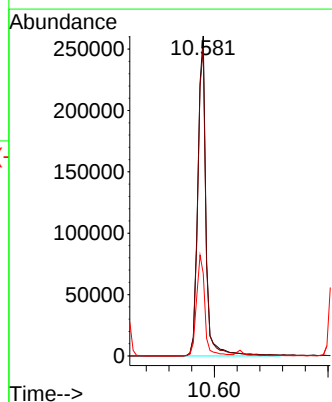
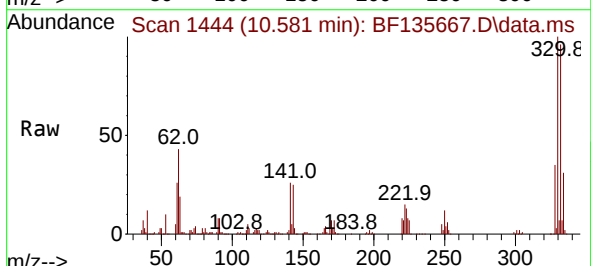
APPROVED

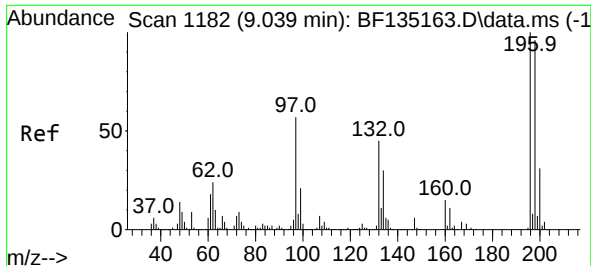
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#42
2,4,6-Tribromophenol
Concen: 123.754 ng
RT: 10.581 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

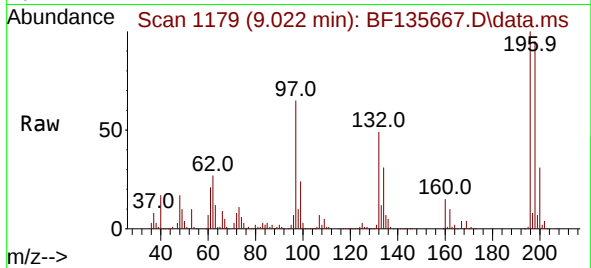
Tgt Ion:330 Resp: 263115
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 32.2 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 49.210 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

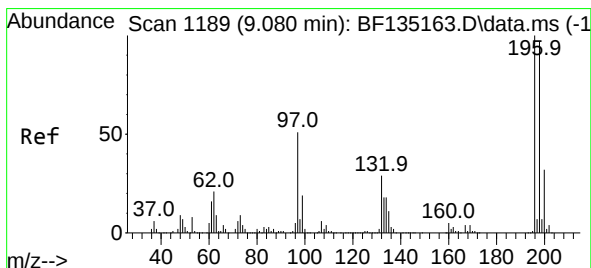
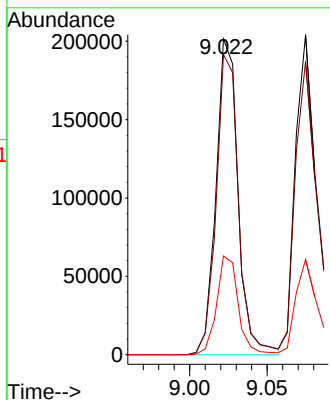
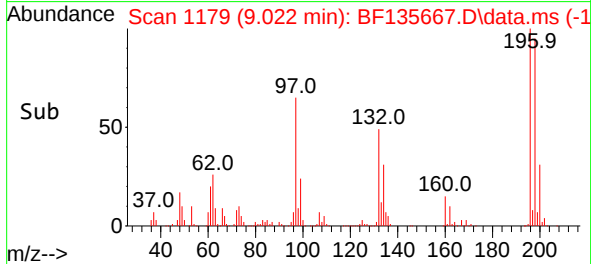
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:196 Resp: 19970
Ion Ratio Lower Upper
196 100
198 95.1 77.0 115.6
200 31.3 24.5 36.7

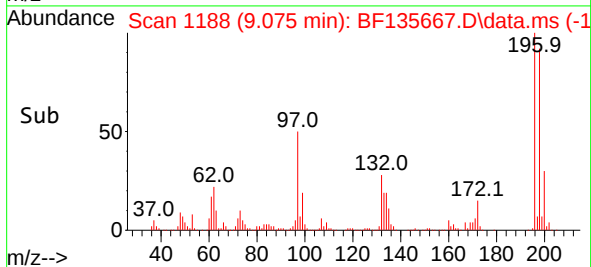
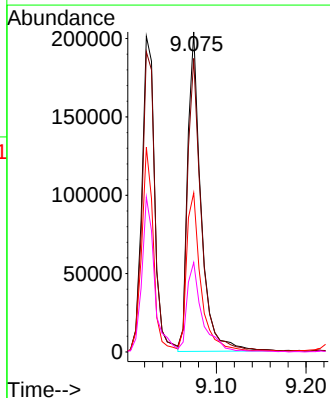
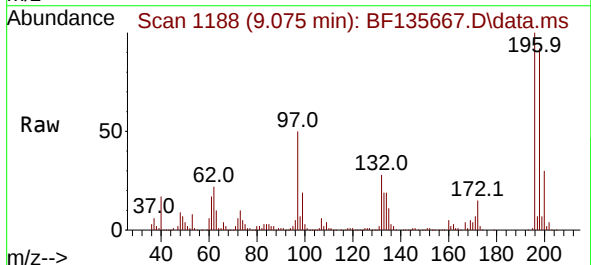
Manual Integrations
APPROVED

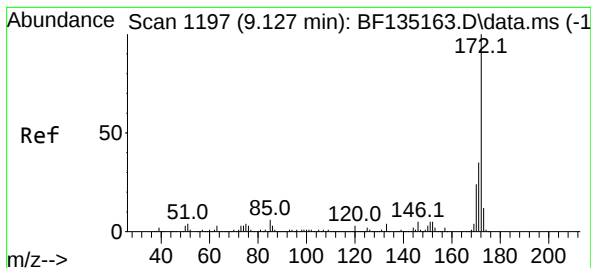
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#44
2,4,5-Trichlorophenol
Concen: 45.115 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:196 Resp: 210847
Ion Ratio Lower Upper
196 100
198 91.7 77.5 116.3
97 49.7 40.5 60.7
132 28.0 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 87.061 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:172 Resp: 123458

Ion Ratio Lower Upper

172 100

171 35.8 28.4 42.6

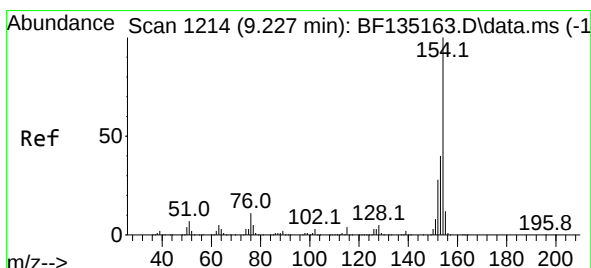
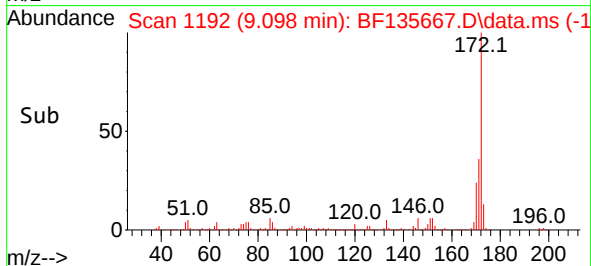
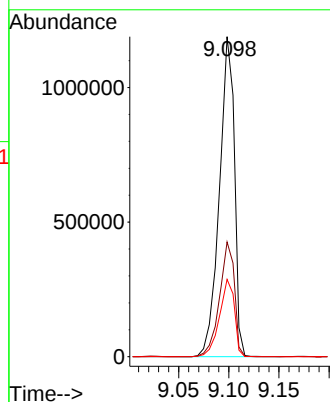
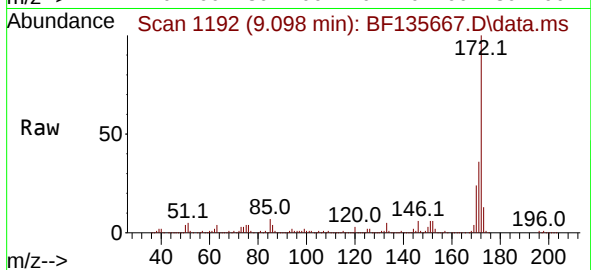
170 24.2 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#46

1,1'-Biphenyl

Concen: 50.226 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

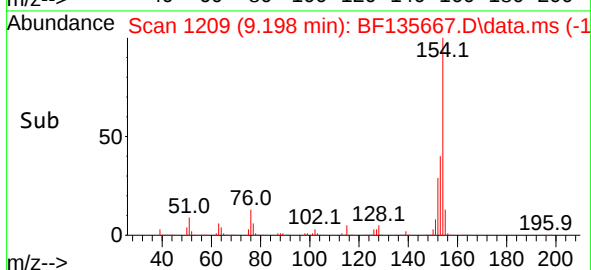
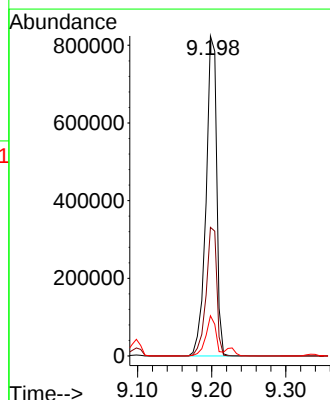
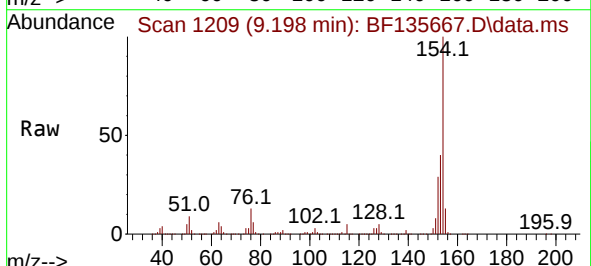
Tgt Ion:154 Resp: 825788

Ion Ratio Lower Upper

154 100

153 40.2 19.6 59.6

76 12.5 0.0 31.0





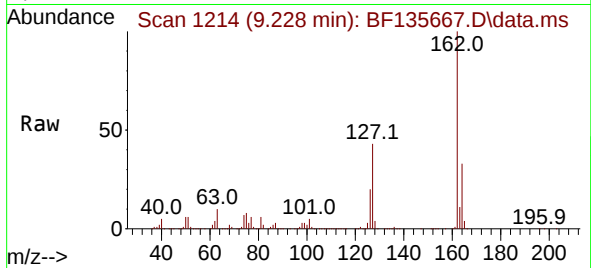
#47
2-Chloronaphthalene
Concen: 50.028 ng
RT: 9.228 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

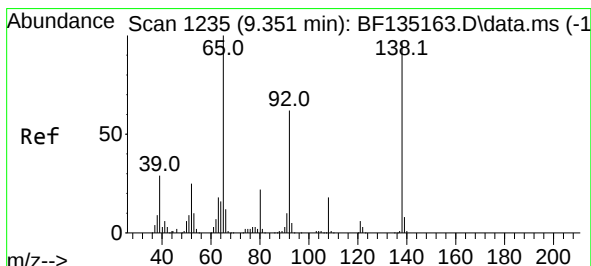
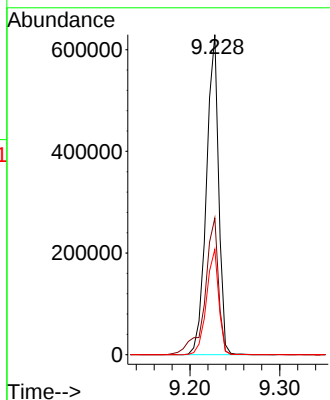
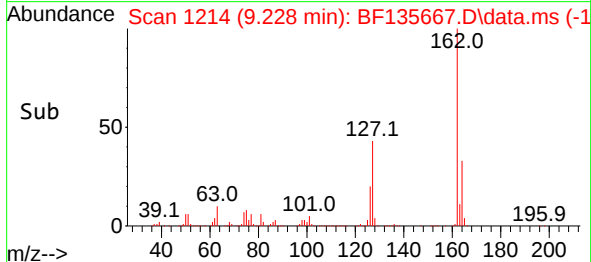
DTP-1MS



Tgt Ion:162 Resp: 596798
Ion Ratio Lower Upper
162 100
127 42.7 32.6 48.8
164 32.9 26.2 39.2

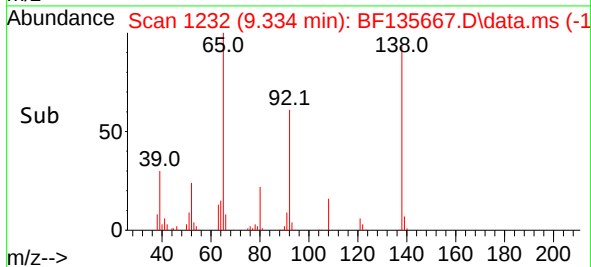
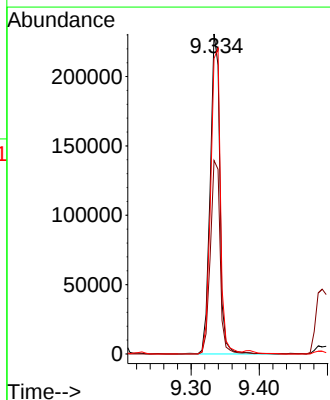
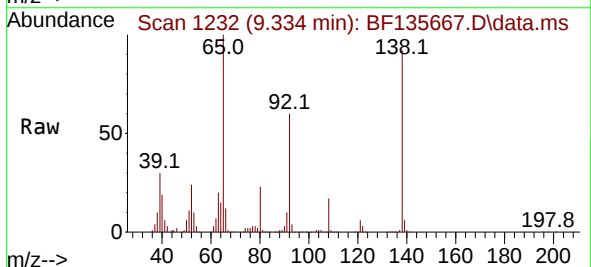
Manual Integrations
APPROVED

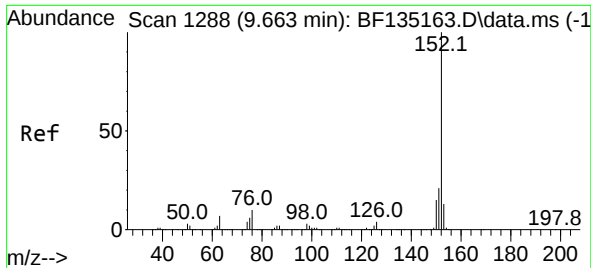
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#48
2-Nitroaniline
Concen: 49.157 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

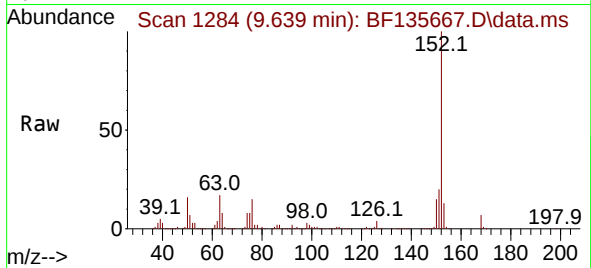
Tgt Ion: 65 Resp: 227817
Ion Ratio Lower Upper
65 100
92 60.5 49.4 74.0
138 92.4 77.4 116.0





#49
Acenaphthylene
Concen: 49.153 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

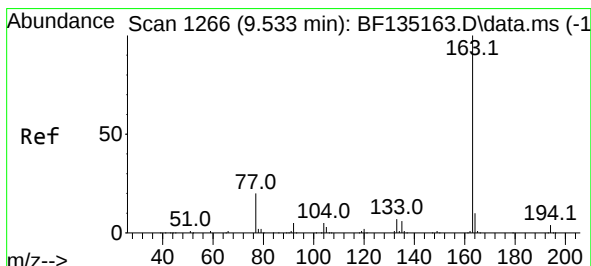
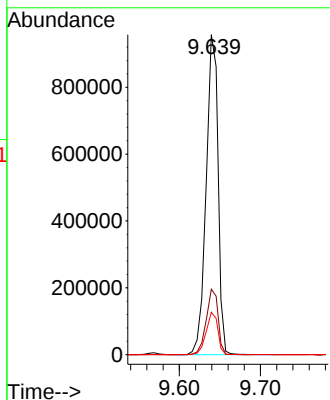
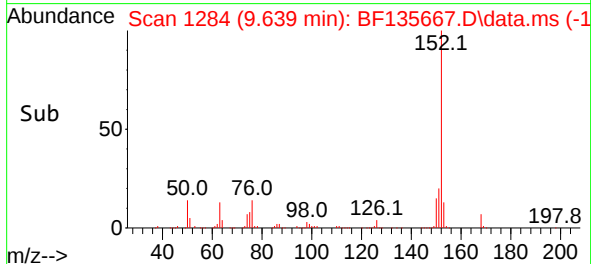
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



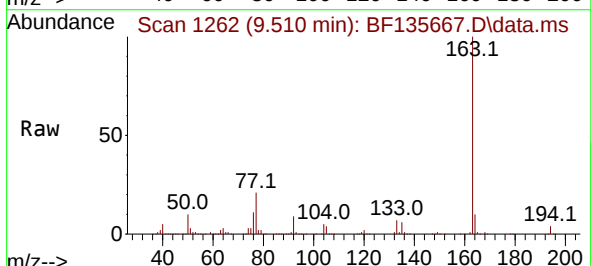
Tgt Ion:152 Resp: 974480
Ion Ratio Lower Upper
152 100
151 20.4 16.4 24.6
153 13.3 10.4 15.6

Manual Integrations
APPROVED

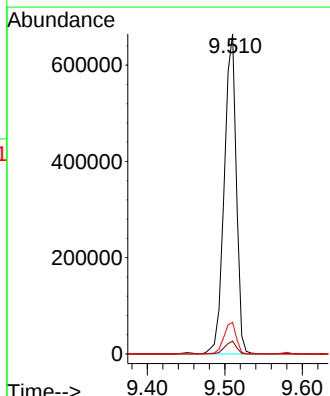
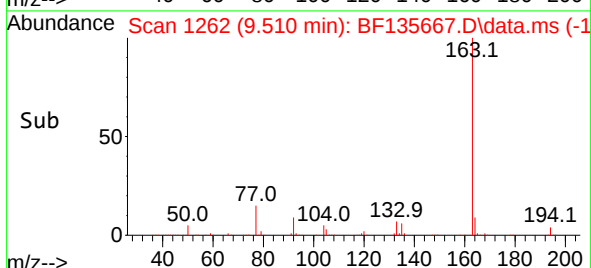
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

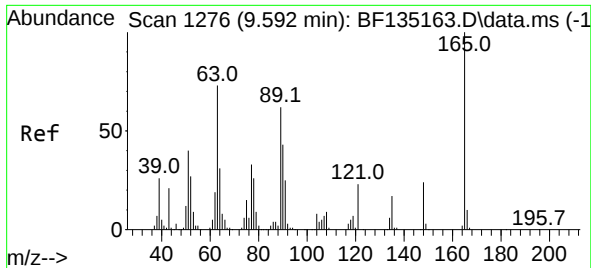


#50
Dimethylphthalate
Concen: 49.616 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45



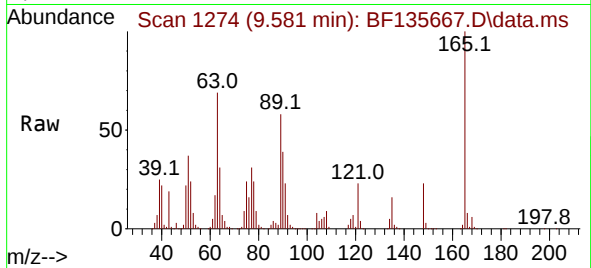
Tgt Ion:163 Resp: 717699
Ion Ratio Lower Upper
163 100
194 4.0 3.1 4.7
164 9.8 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 48.319 ng
RT: 9.581 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

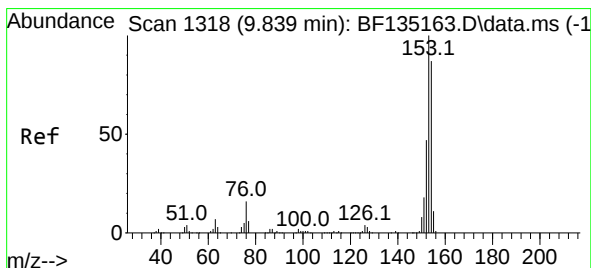
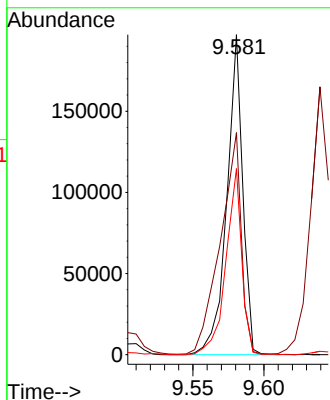
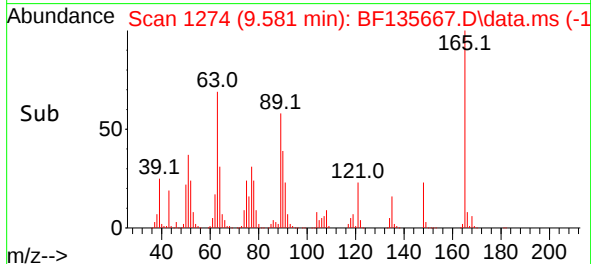
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:165 Resp: 153114
Ion Ratio Lower Upper
165 100
63 69.4 59.4 89.2
89 58.2 49.8 74.8

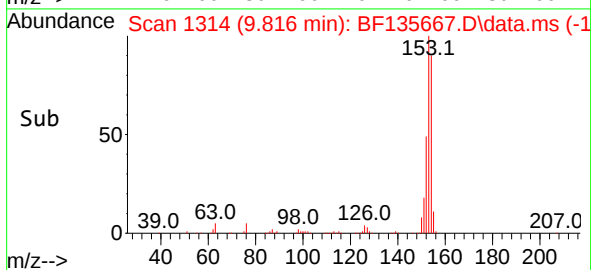
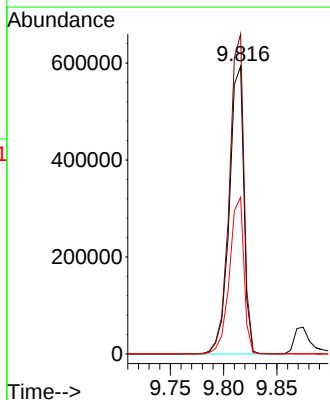
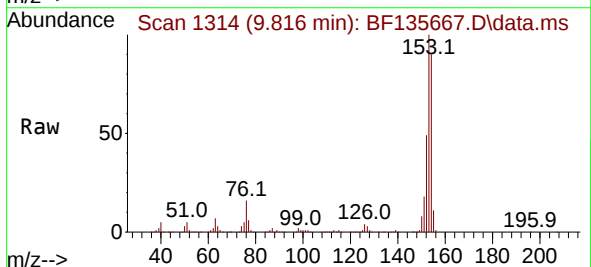
Manual Integrations
APPROVED

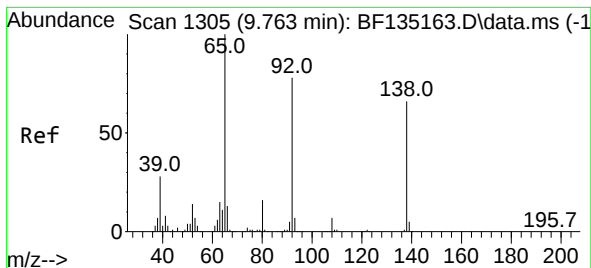
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#52
Acenaphthene
Concen: 48.519 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:154 Resp: 568243
Ion Ratio Lower Upper
154 100
153 111.3 92.1 138.1
152 54.5 43.1 64.7





#53

3-Nitroaniline

Concen: 19.939 ng

RT: 9.751 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

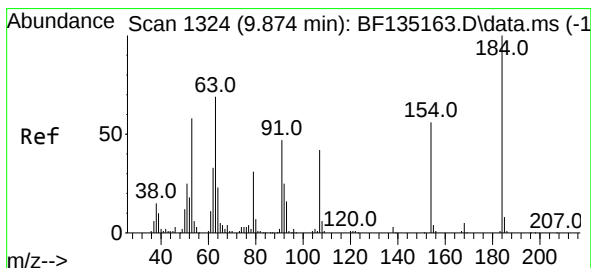
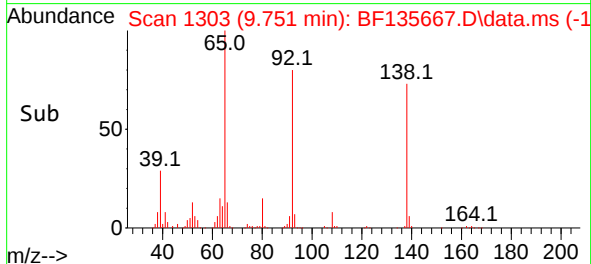
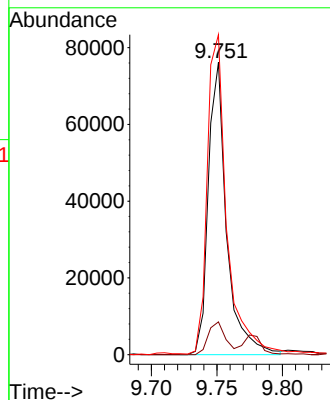
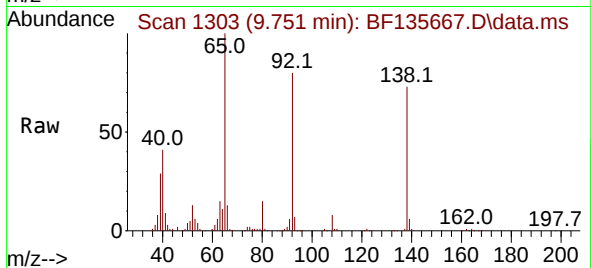
Tgt Ion:138	Resp:	7416
Ion Ratio	Lower	Upper
138	100	
108	11.2	8.5 12.7
92	109.5	95.4 143.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#54

2,4-Dinitrophenol

Concen: 64.634 ng

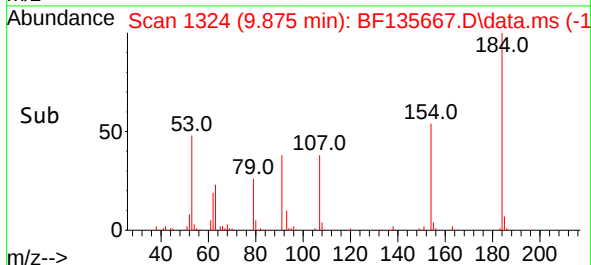
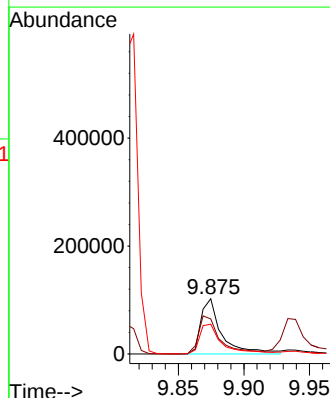
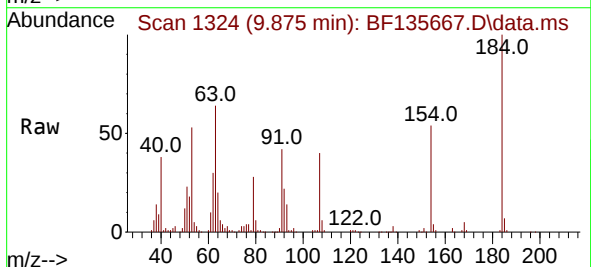
RT: 9.875 min Scan# 1324

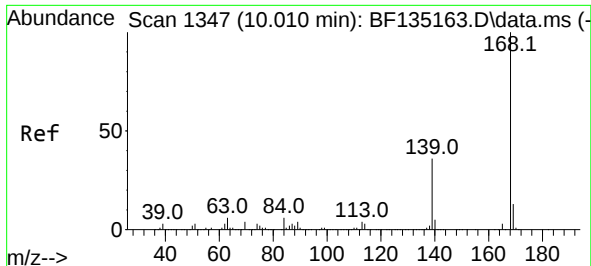
Delta R.T. 0.012 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

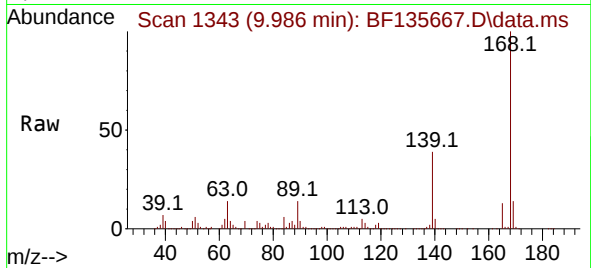
Tgt Ion:184	Resp:	113929
Ion Ratio	Lower	Upper
184	100	
63	63.7	55.1 82.7
154	53.9	48.4 72.6





#55
Dibenzenofuran
Concen: 46.116 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

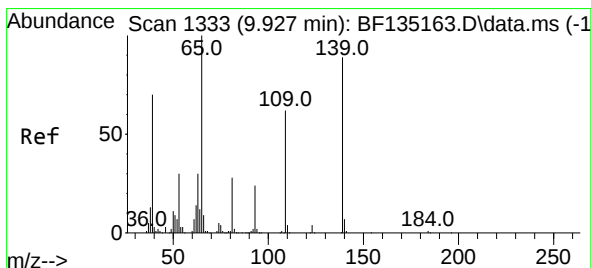
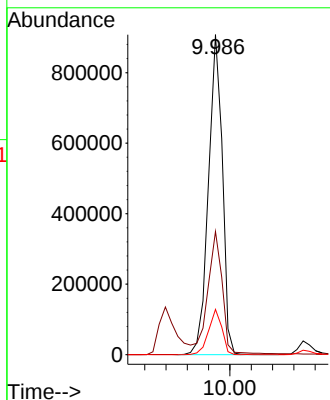
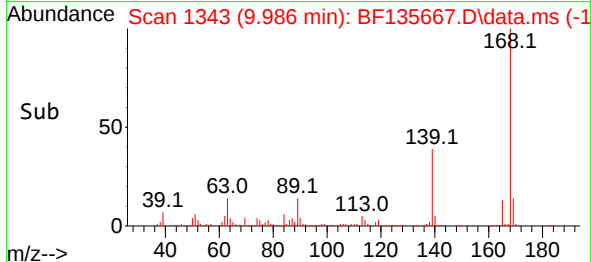
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:168 Resp: 82419
Ion Ratio Lower Upper
168 100
139 38.5 29.0 43.6
169 14.2 10.4 15.6

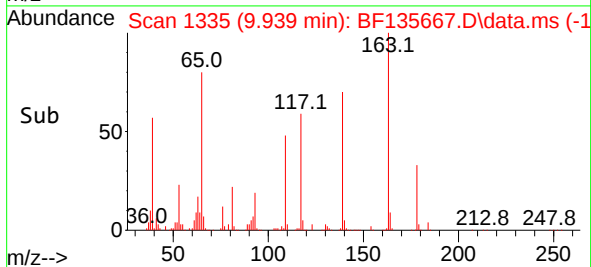
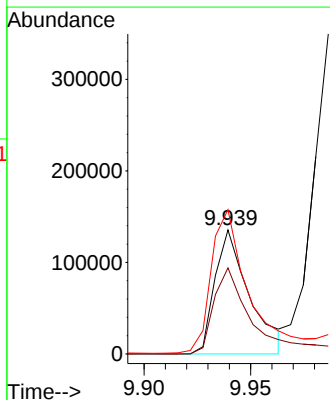
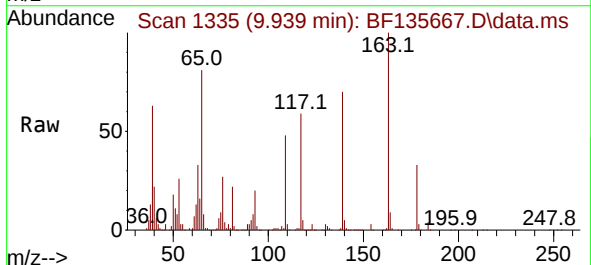
Manual Integrations
APPROVED

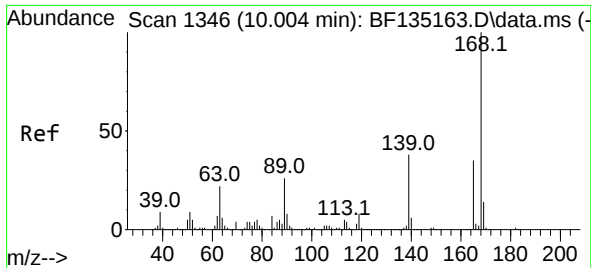
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#56
4-Nitrophenol
Concen: 64.388 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.012 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:139 Resp: 152214
Ion Ratio Lower Upper
139 100
109 69.5 49.8 89.8
65 116.4 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 46.133 ng
RT: 9.992 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

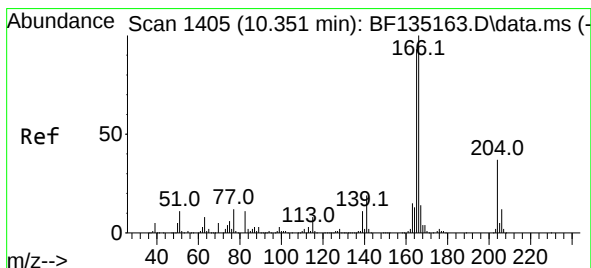
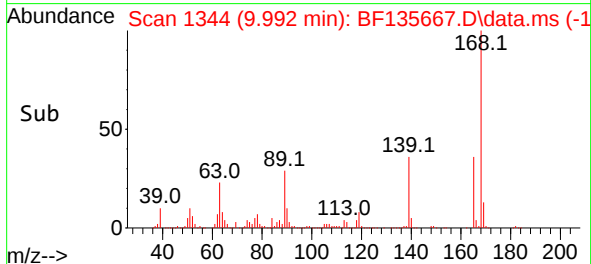
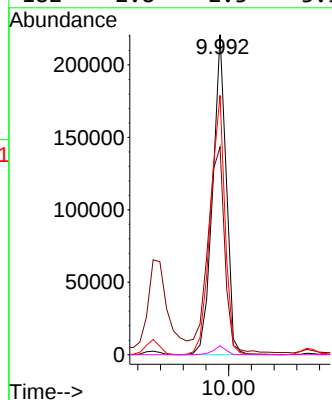
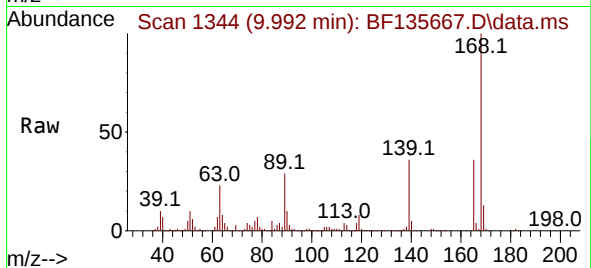
DTP-1MS

Tgt Ion:165 Resp: 183012
Ion Ratio Lower Upper
165 100
63 64.9 50.1 75.1
89 81.1 59.3 88.9
182 2.8 2.3 3.5

Manual Integrations

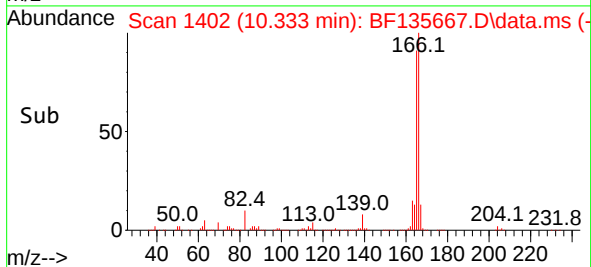
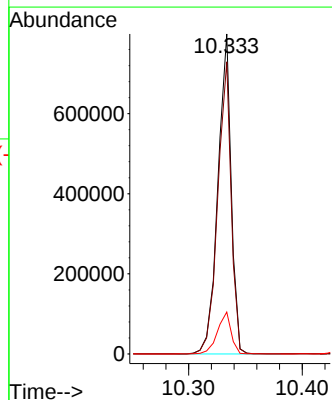
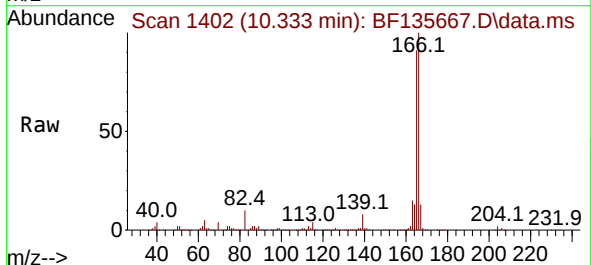
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#58
Fluorene
Concen: 47.292 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

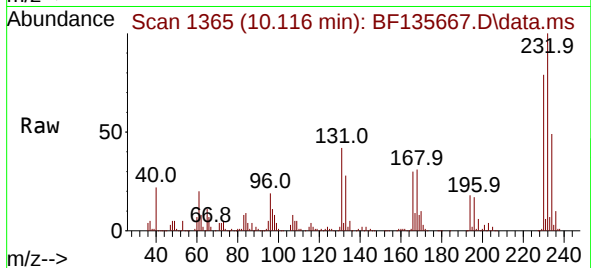
Tgt Ion:166 Resp: 649768
Ion Ratio Lower Upper
166 100
165 91.3 74.3 111.5
167 13.1 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.276 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

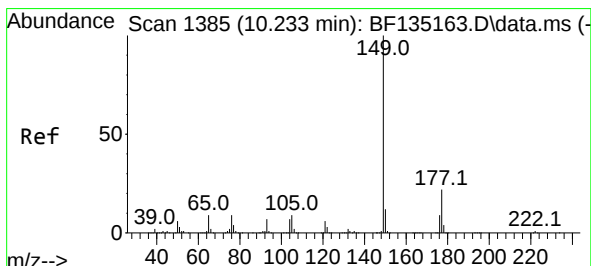
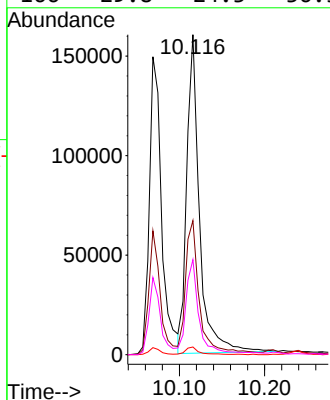
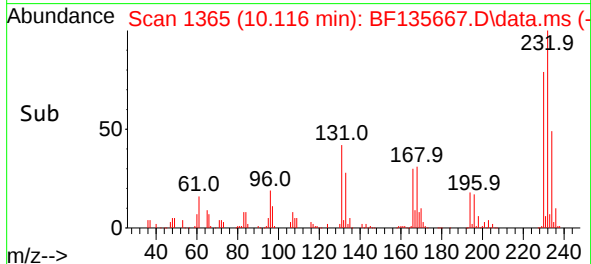
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



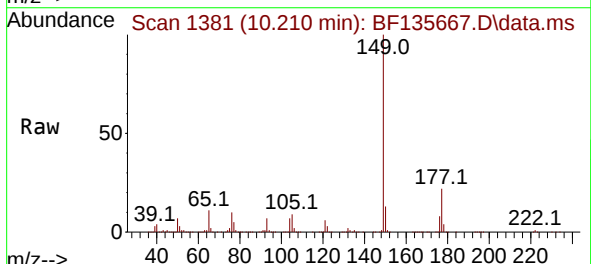
Tgt Ion:232 Resp: 16636
Ion Ratio Lower Upper
232 100
131 43.4 35.4 53.2
130 2.7 1.8 2.8
166 29.8 24.3 36.5

Manual Integrations
APPROVED

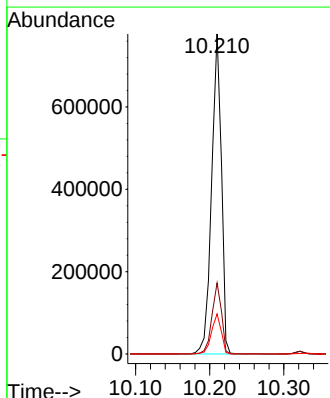
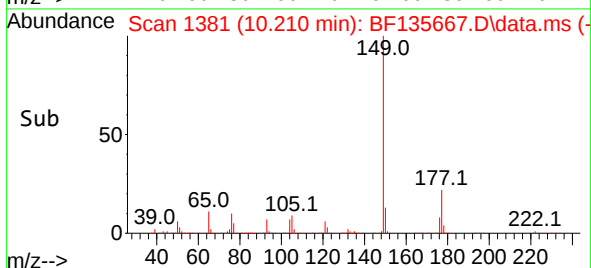
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

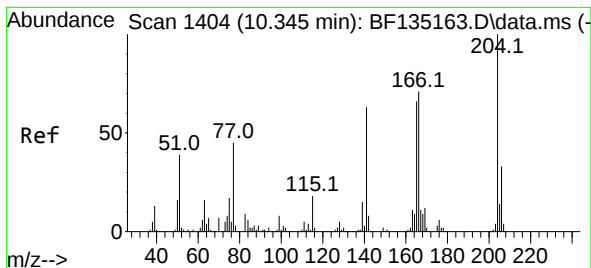


#60
Diethylphthalate
Concen: 48.948 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45



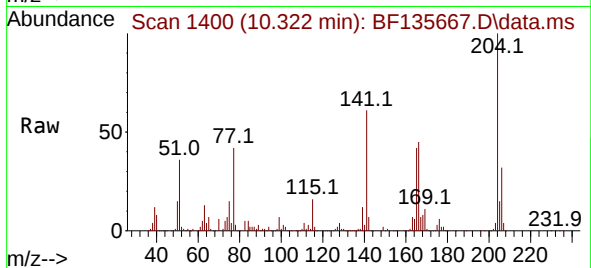
Tgt Ion:149 Resp: 710577
Ion Ratio Lower Upper
149 100
177 22.2 17.8 26.6
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 47.670 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

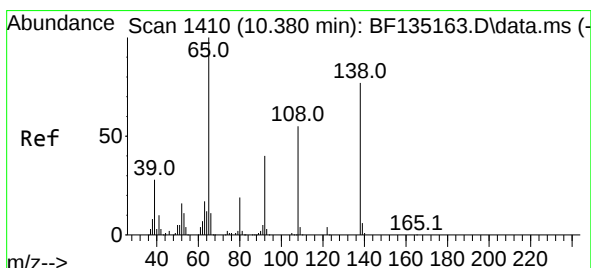
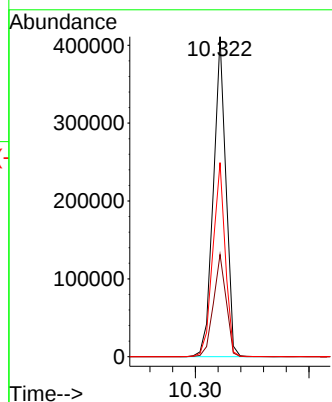
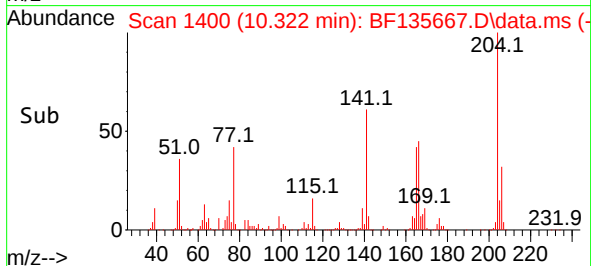
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:204 Resp: 31462
Ion Ratio Lower Upper
204 100
206 31.9 26.7 40.1
141 60.7 50.6 75.8

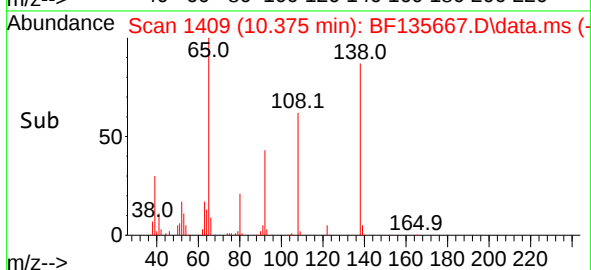
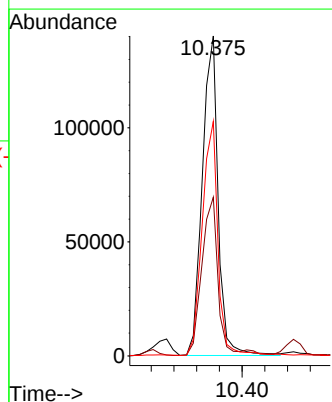
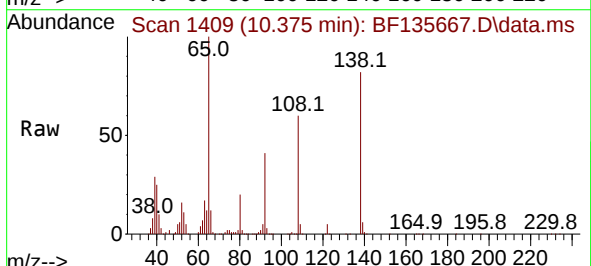
Manual Integrations
APPROVED

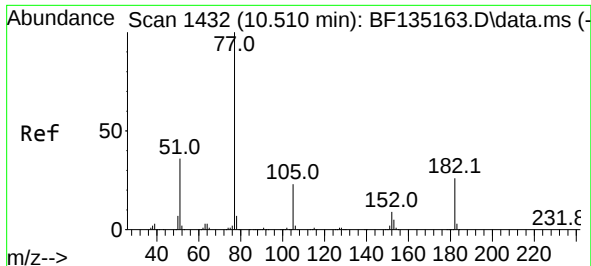
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#62
4-Nitroaniline
Concen: 37.796 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

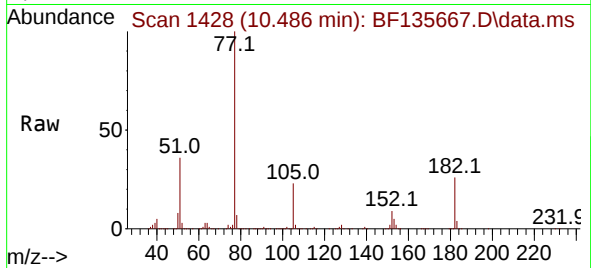
Tgt Ion:138 Resp: 135138
Ion Ratio Lower Upper
138 100
92 49.6 31.8 71.8
108 73.3 52.0 92.0





#63
Azobenzene
Concen: 47.195 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

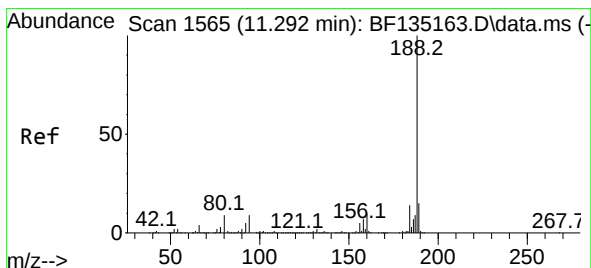
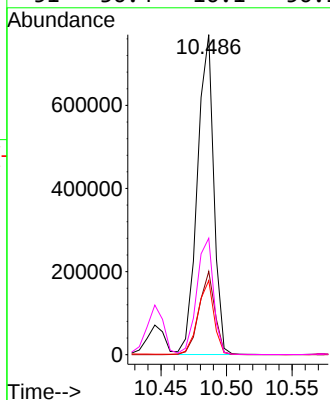
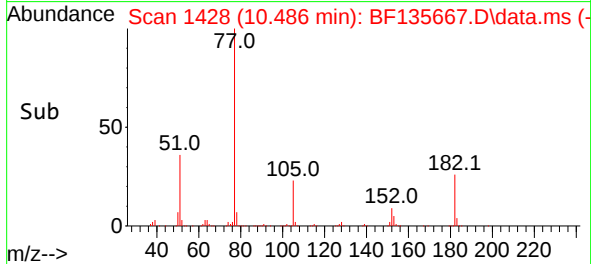
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion: 77 Resp: 670524
Ion Ratio Lower Upper
77 100
182 26.0 6.4 46.4
105 23.2 3.1 43.1
51 36.4 16.1 56.1

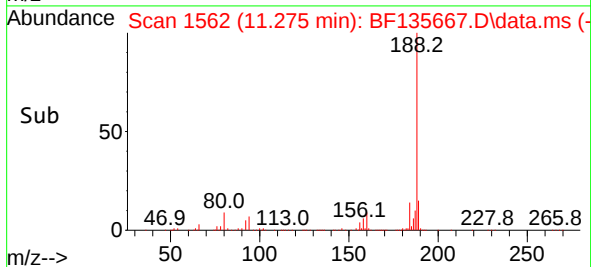
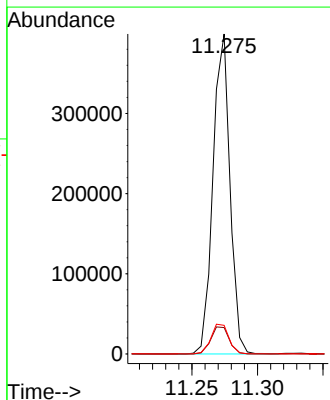
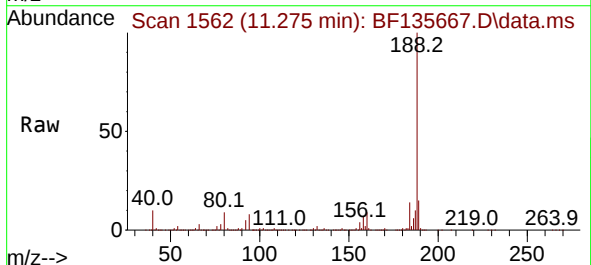
Manual Integrations
APPROVED

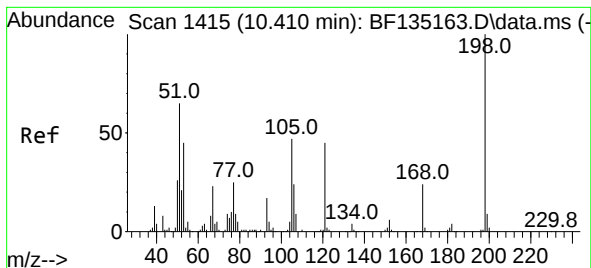
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:188 Resp: 358641
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 9.0 7.5 11.3





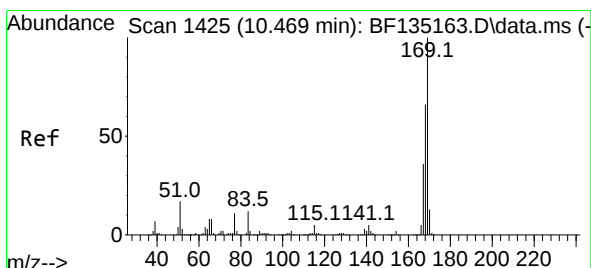
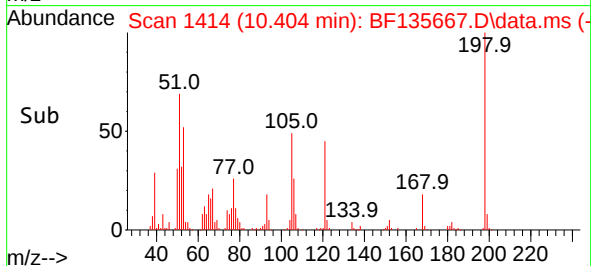
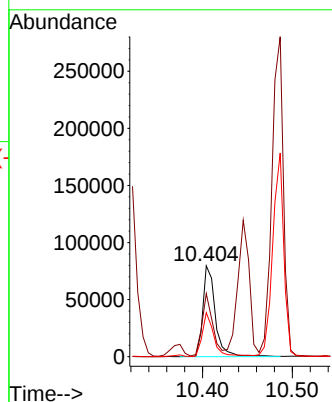
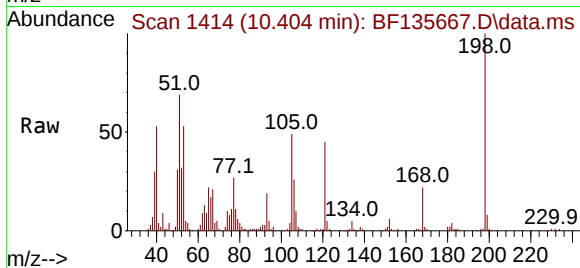
#65
4,6-Dinitro-2-methylphenol
Concen: 40.210 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :
BNA_F
ClientSampleId :
DTP-1MS

Tgt Ion:198 Resp: 7659
Ion Ratio Lower Upper
198 100
51 69.5 47.7 87.7
105 48.5 27.4 67.4

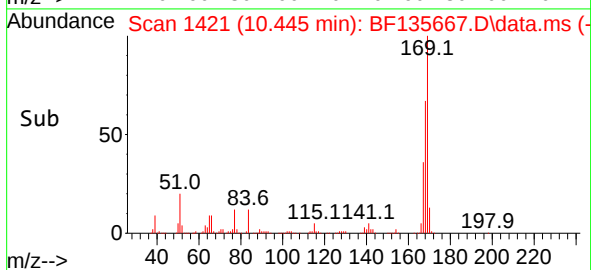
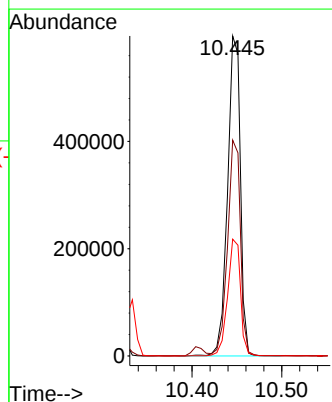
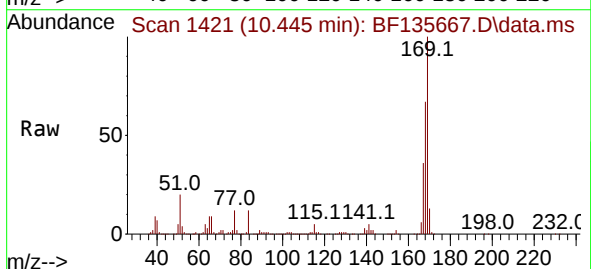
Manual Integrations
APPROVED

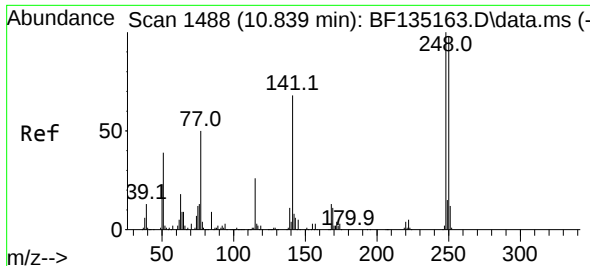
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#66
n-Nitrosodiphenylamine
Concen: 54.417 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:169 Resp: 590850
Ion Ratio Lower Upper
169 100
168 67.4 52.8 79.2
167 36.5 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 53.404 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

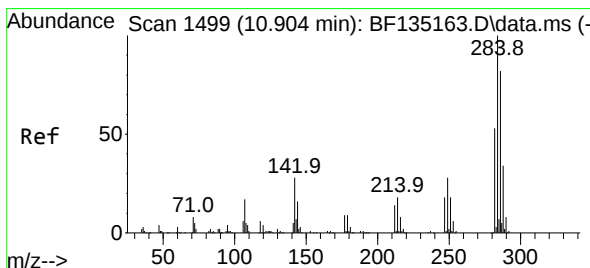
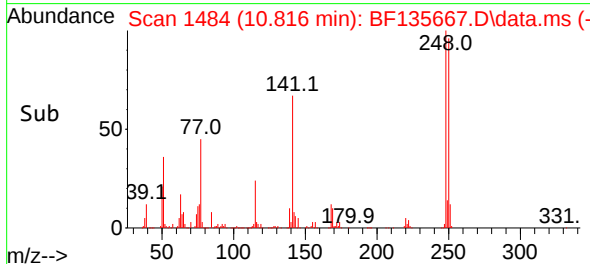
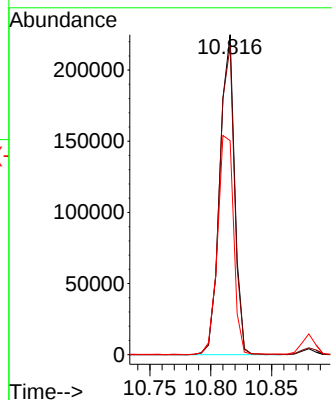
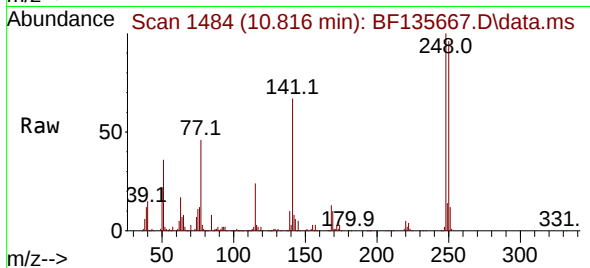
ClientSampleId :

DTP-1MS

Tgt Ion:248 Resp: 190488
Ion Ratio Lower Upper
248 100
250 96.4 78.6 117.8
141 66.9 54.2 81.2

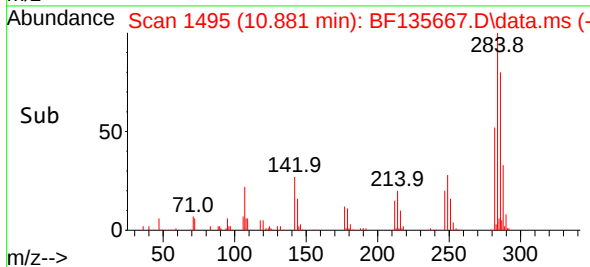
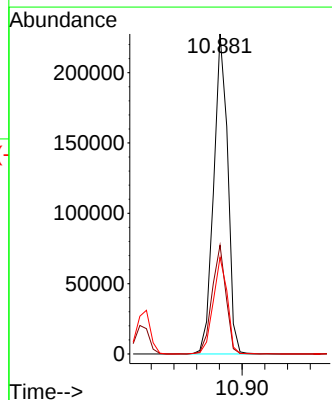
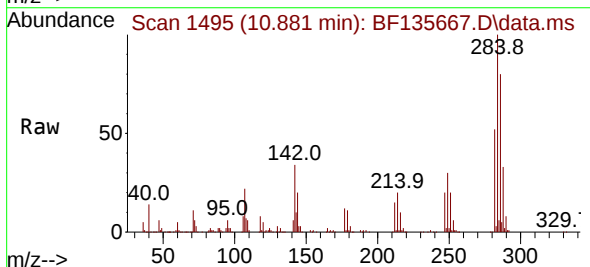
Manual Integrations
APPROVED

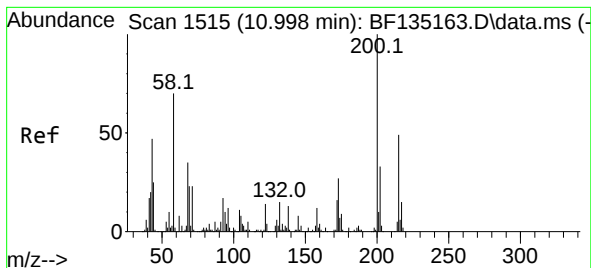
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#68
Hexachlorobenzene
Concen: 53.724 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:284 Resp: 195227
Ion Ratio Lower Upper
284 100
142 34.0 22.2 33.4#
249 30.2 22.5 33.7





#69

Atrazine

Concen: 62.572 ng

RT: 10.980 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:200 Resp: 182800

Ion Ratio Lower Upper

200 100

173 29.8 7.4 47.4

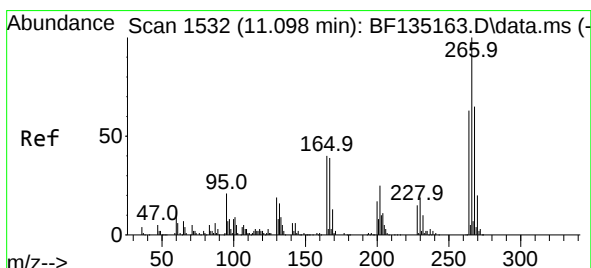
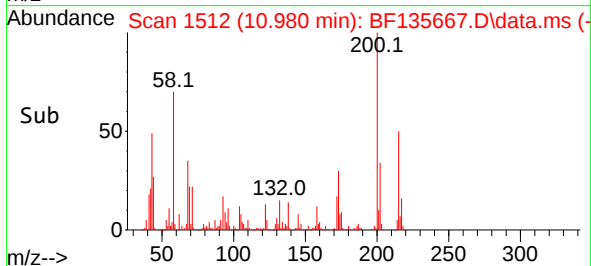
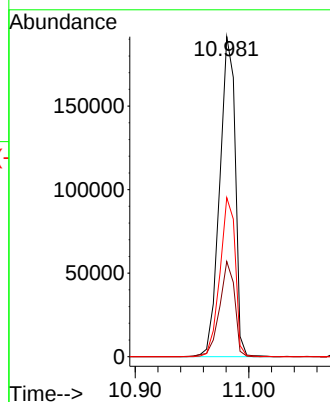
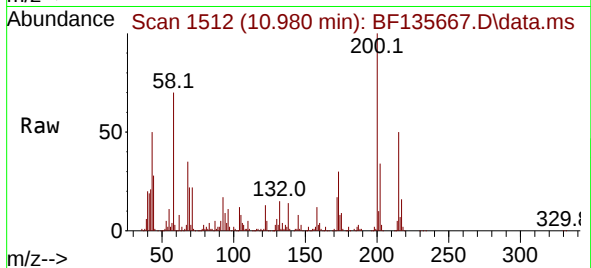
215 49.7 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#70

Pentachlorophenol

Concen: 76.989 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

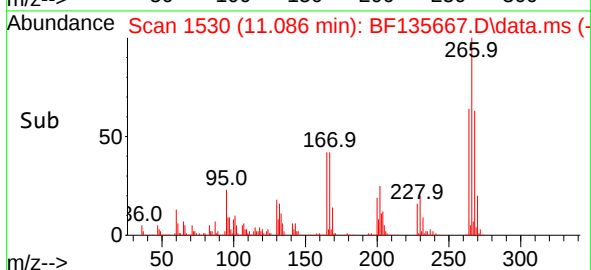
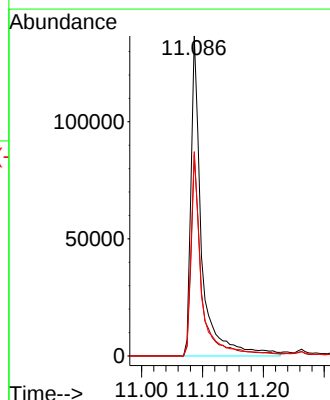
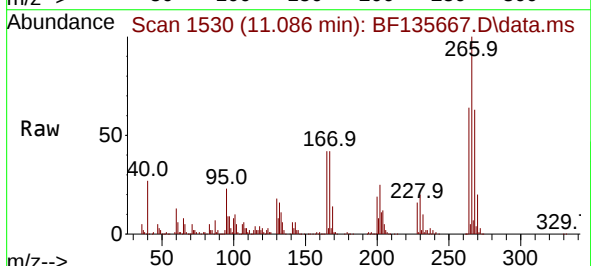
Tgt Ion:266 Resp: 167386

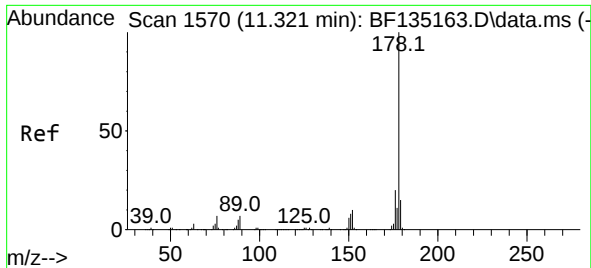
Ion Ratio Lower Upper

266 100

268 62.8 52.1 78.1

264 63.9 50.8 76.2





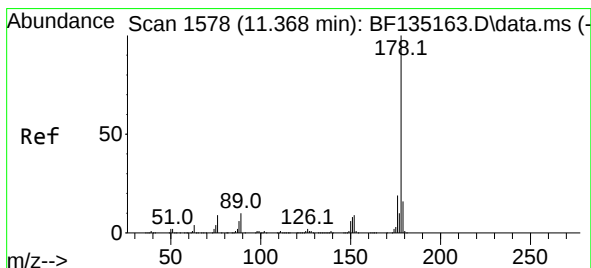
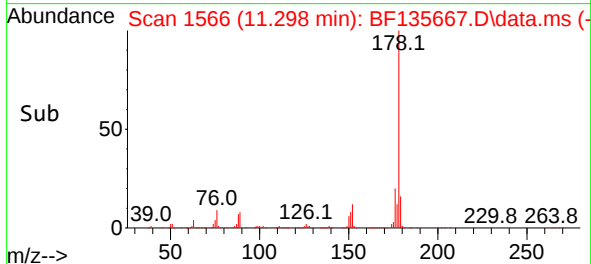
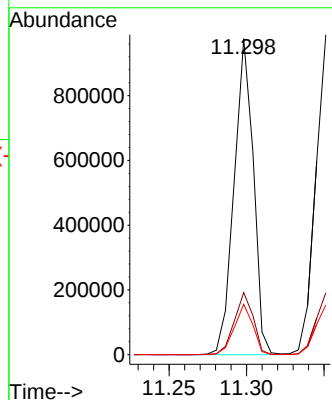
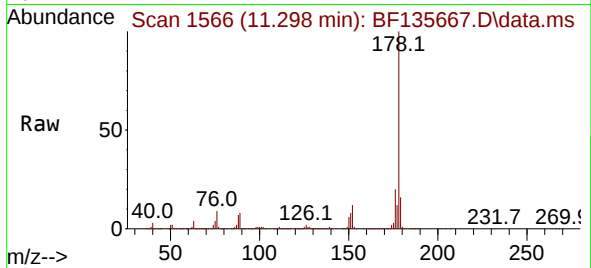
#71
Phenanthrene
Concen: 49.749 ng
RT: 11.298 min Scan# 1566
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Instrument :
BNA_F
ClientSampleId :
DTP-1MS

Tgt Ion:178 Resp: 843849
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 15.9 12.0 18.0

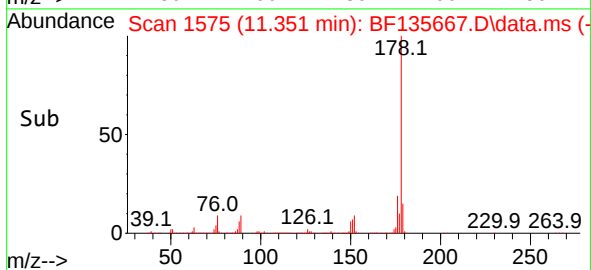
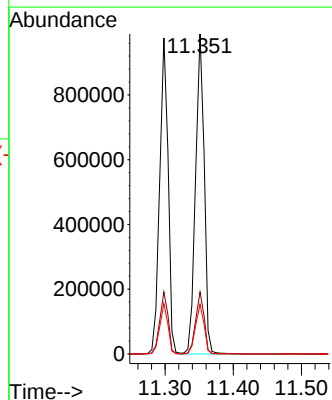
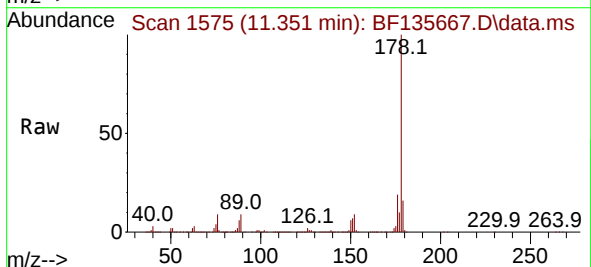
Manual Integrations
APPROVED

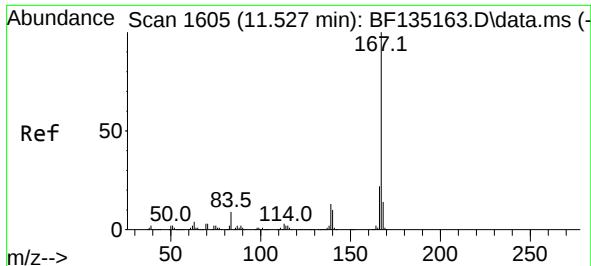
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#72
Anthracene
Concen: 50.014 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

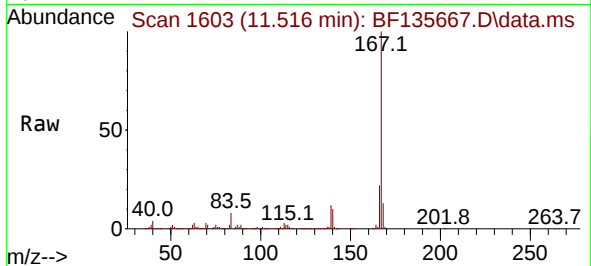
Tgt Ion:178 Resp: 872008
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 15.5 12.6 19.0





#73
Carbazole
Concen: 49.298 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

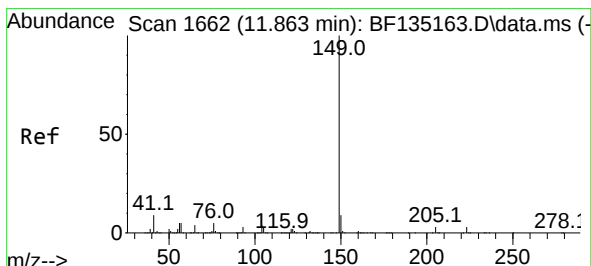
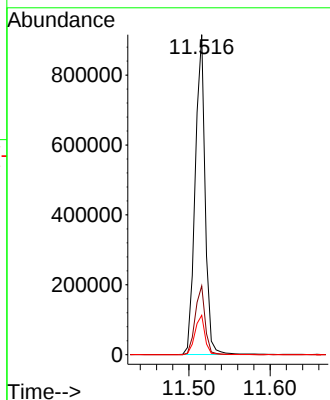
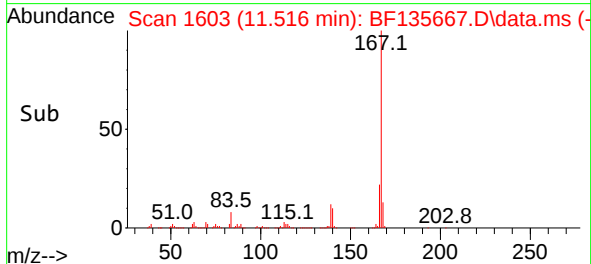
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



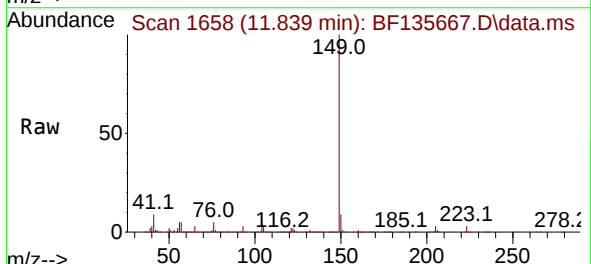
Tgt Ion:167 Resp: 782440
Ion Ratio Lower Upper
167 100
166 21.5 17.4 26.0
139 12.3 10.6 15.8

Manual Integrations
APPROVED

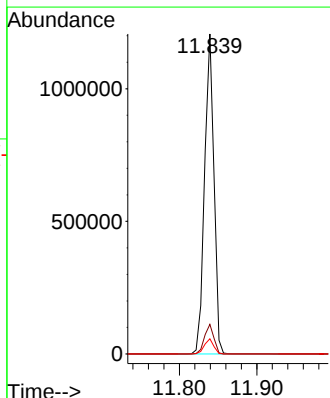
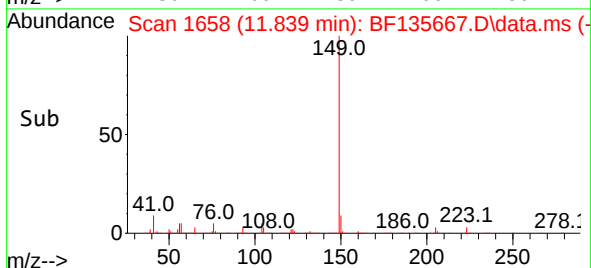
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

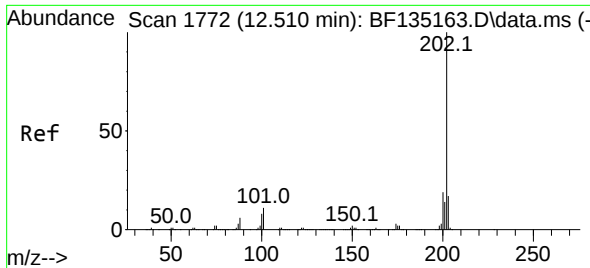


#74
Di-n-butylphthalate
Concen: 54.153 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45



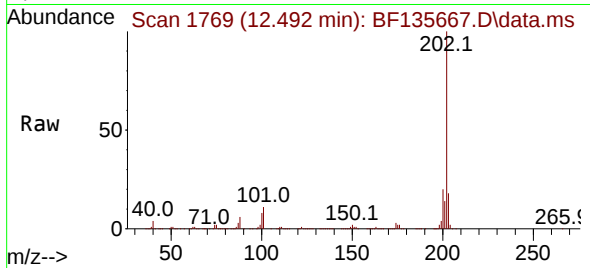
Tgt Ion:149 Resp: 1012790
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 45.775 ng
RT: 12.492 min Scan# 1772
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

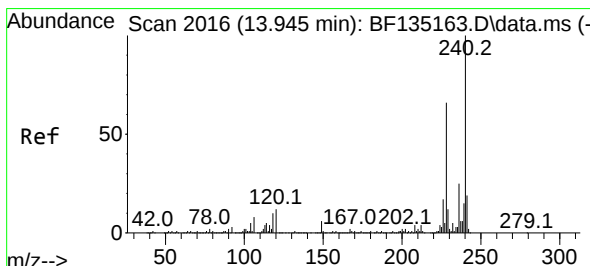
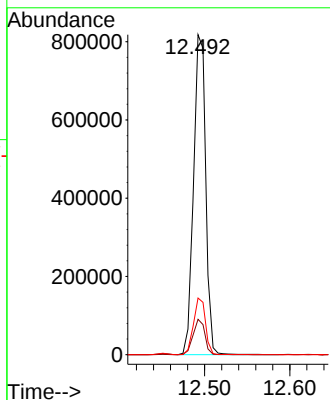
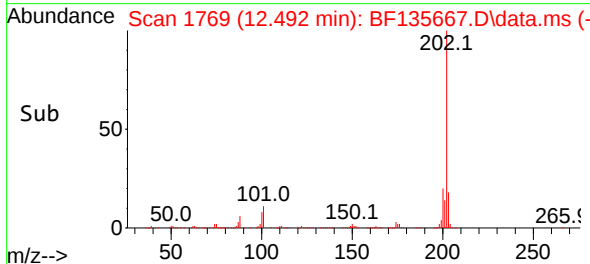
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



Tgt Ion:202 Resp: 80904
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.3
203 17.7 0.0 37.4

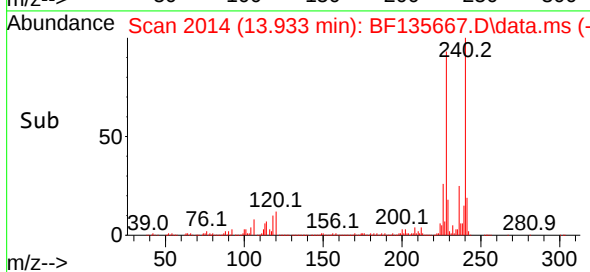
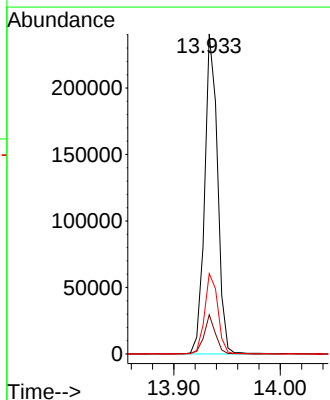
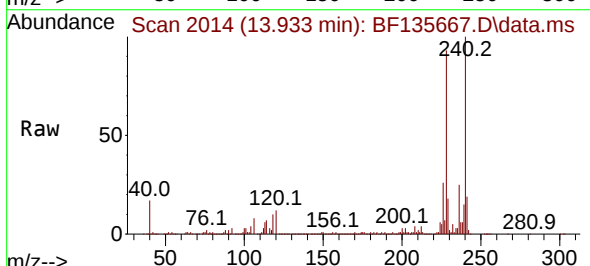
Manual Integrations
APPROVED

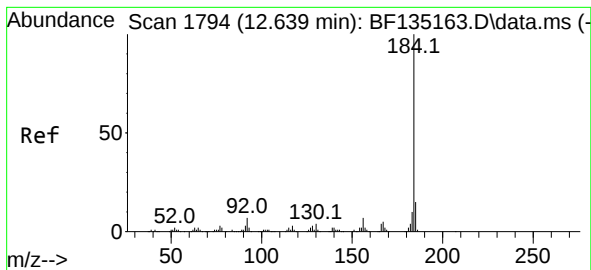
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

Tgt Ion:240 Resp: 203612
Ion Ratio Lower Upper
240 100
120 12.2 9.4 14.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 28.995 ng

RT: 12.622 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

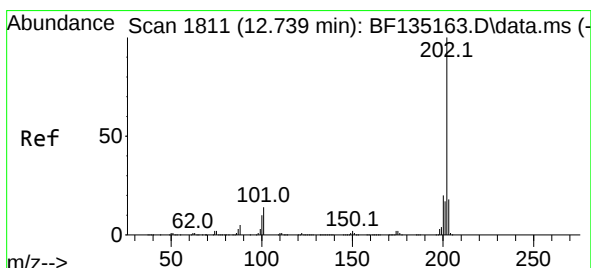
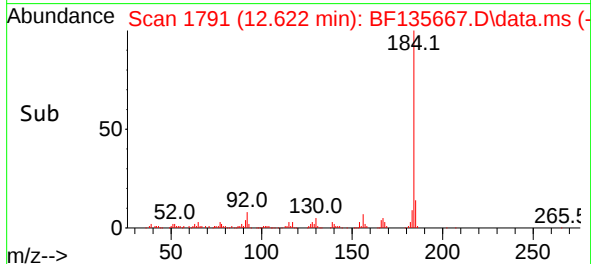
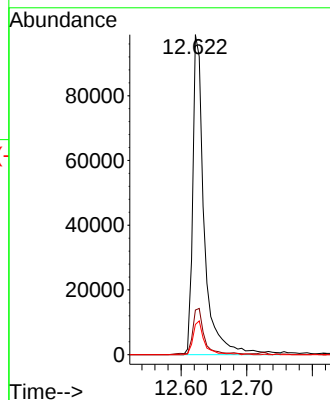
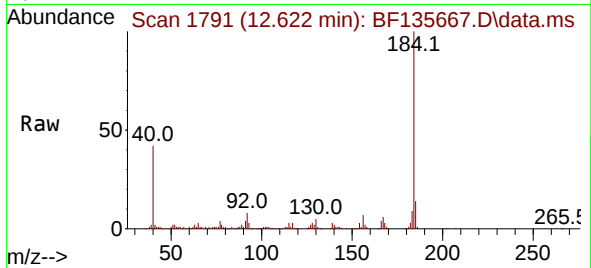
Tgt Ion:184	Resp:	12094
Ion Ratio	Lower	Upper
184	100	
185	14.0	11.7 17.5
183	9.5	8.2 12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#78

Pyrene

Concen: 41.603 ng

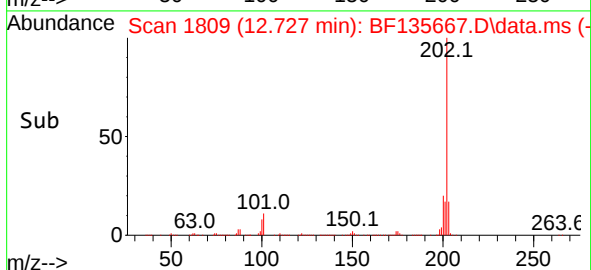
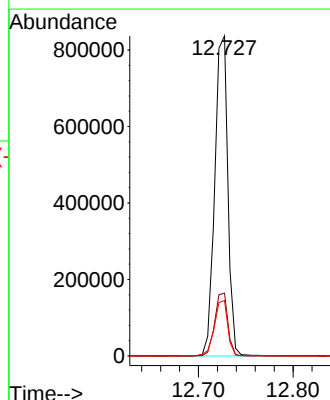
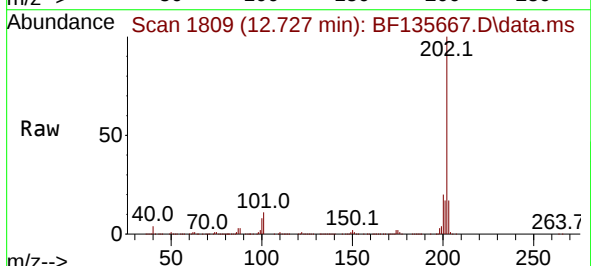
RT: 12.727 min Scan# 1809

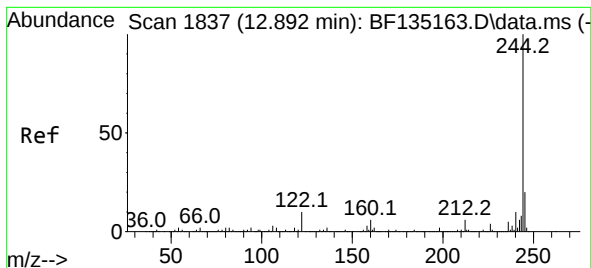
Delta R.T. 0.012 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Tgt Ion:202	Resp:	806493
Ion Ratio	Lower	Upper
202	100	
200	19.6	16.2 24.2
203	17.3	14.2 21.4





#79

Terphenyl-d14

Concen: 78.241 ng

RT: 12.869 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:244 Resp: 1027664

Ion Ratio Lower Upper

244 100

212 6.6 5.1 7.7

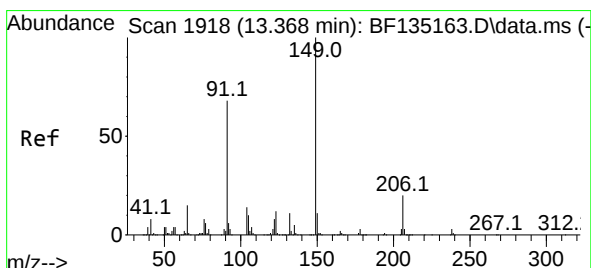
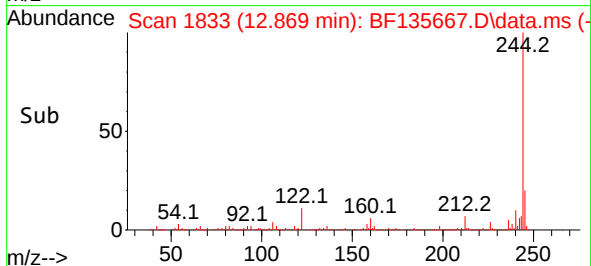
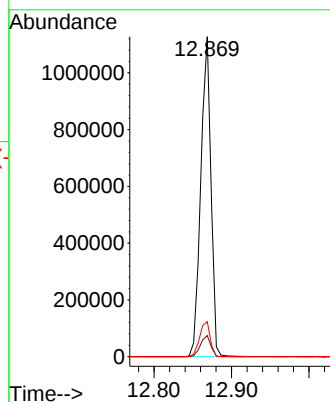
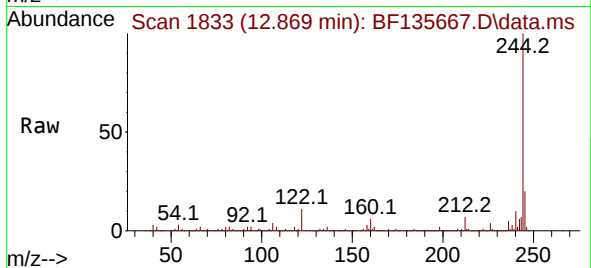
122 11.0 7.9 11.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#80

Butylbenzylphthalate

Concen: 50.713 ng

RT: 13.345 min Scan# 1914

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

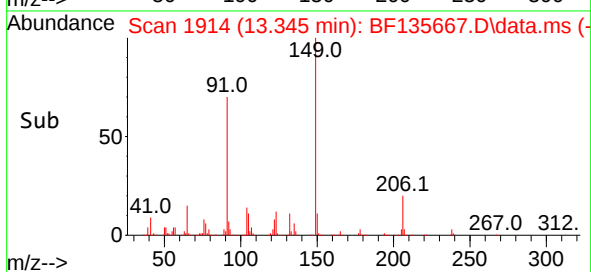
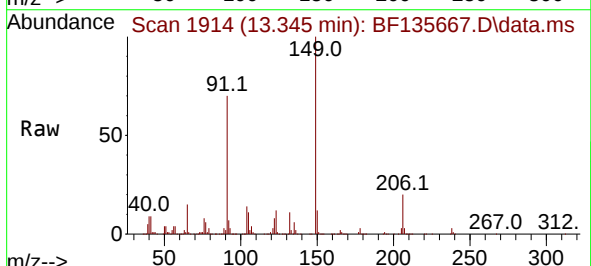
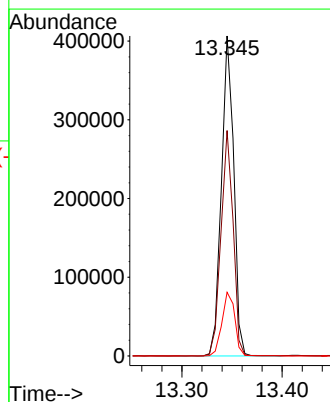
Tgt Ion:149 Resp: 346132

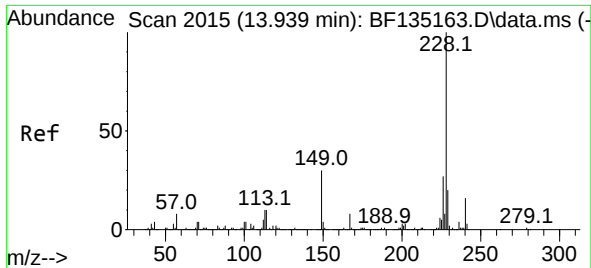
Ion Ratio Lower Upper

149 100

91 70.4 54.7 82.1

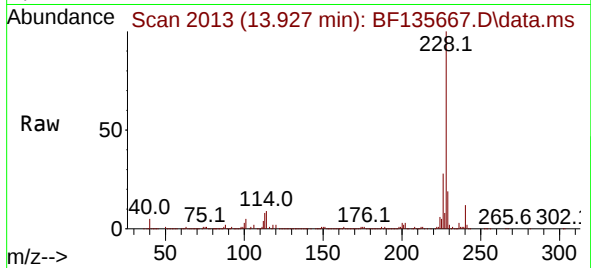
206 19.9 16.3 24.5





#81
Benzo(a)anthracene
Concen: 51.232 ng
RT: 13.927 min Scan# 2006
Delta R.T. 0.012 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45

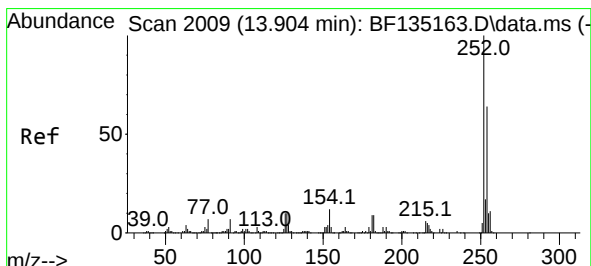
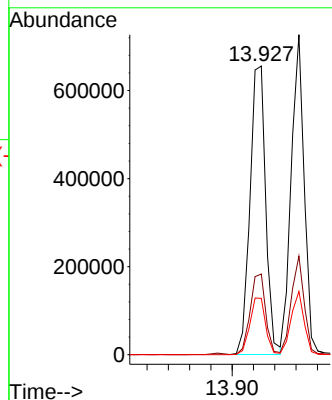
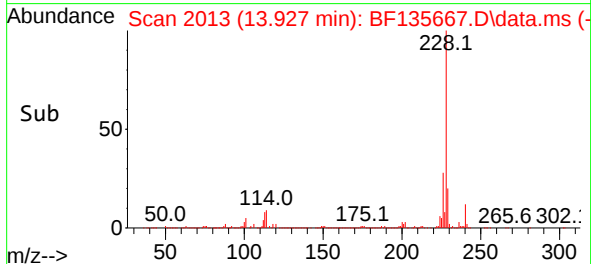
Instrument :
BNA_F
ClientSampleId :
DTP-1MS



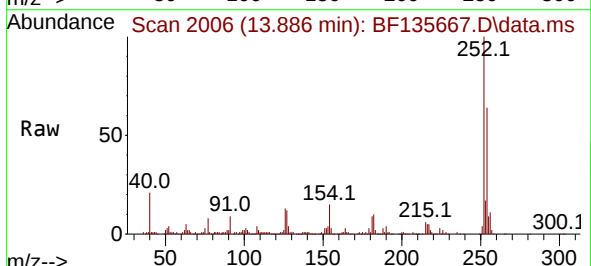
Tgt Ion:228 Resp: 67358
Ion Ratio Lower Upper
228 100
226 27.9 21.7 32.5
229 19.5 15.8 23.8

Manual Integrations
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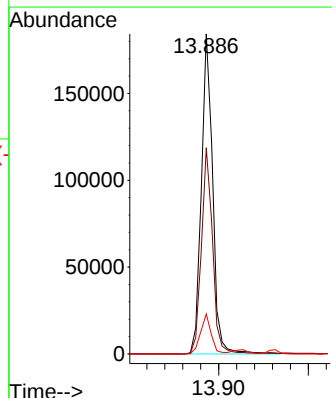
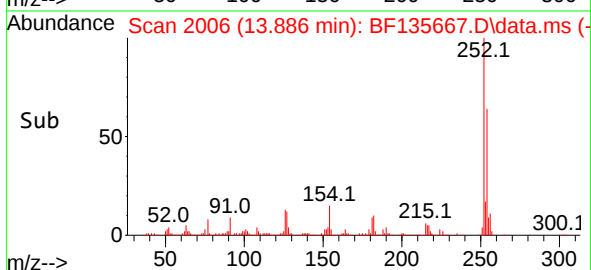
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

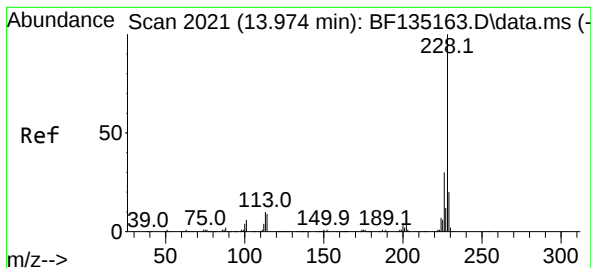


#82
3,3'-Dichlorobenzidine
Concen: 39.253 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135667.D
Acq: 09 Oct 2023 23:45



Tgt Ion:252 Resp: 161201
Ion Ratio Lower Upper
252 100
254 64.5 51.0 76.4
126 12.5 7.8 11.8





#83

Chrysene

Concen: 47.599 ng

RT: 13.963 min Scan# 2019

Delta R.T. 0.012 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

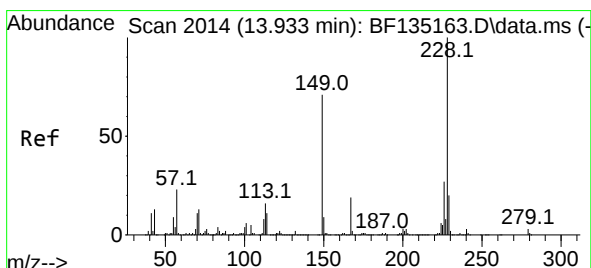
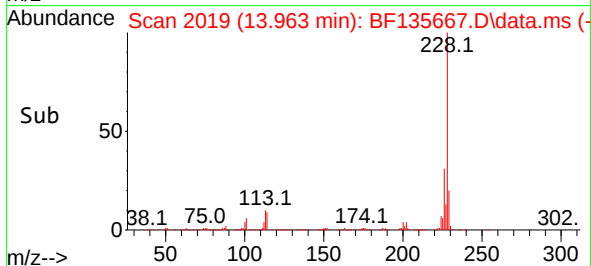
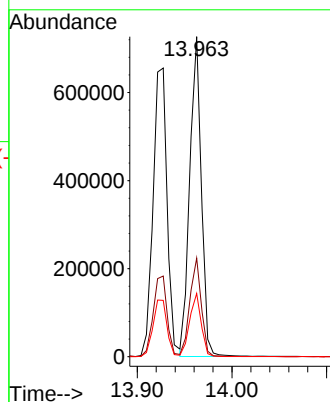
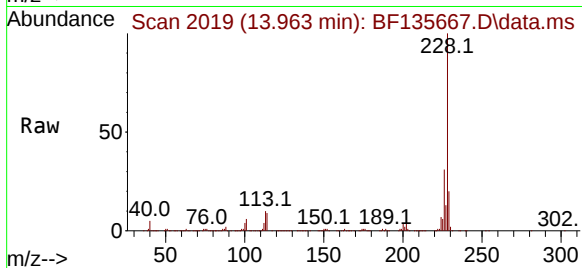
Tgt Ion:228 Resp: 62220
 Ion Ratio Lower Upper
 228 100
 226 30.8 24.3 36.5
 229 19.7 16.0 24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 66.822 ng

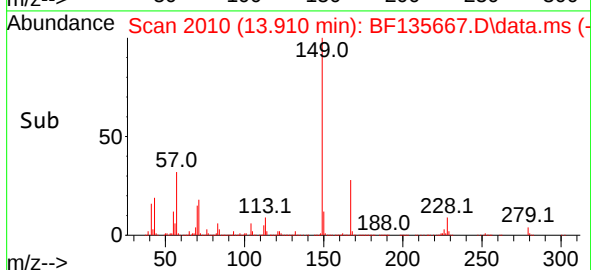
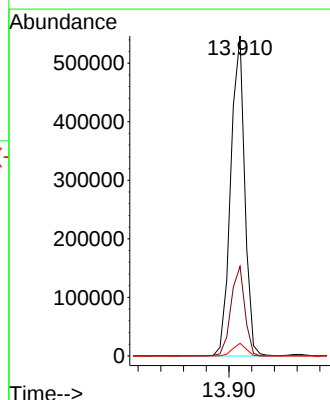
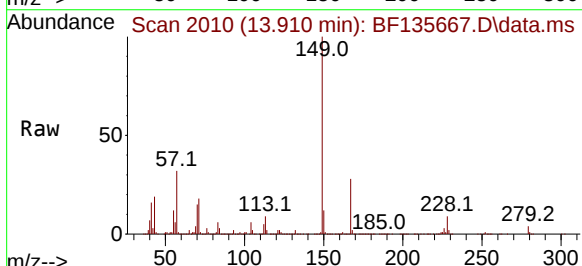
RT: 13.910 min Scan# 2010

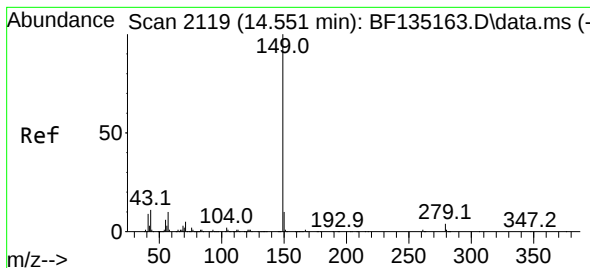
Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Tgt Ion:149 Resp: 468015
 Ion Ratio Lower Upper
 149 100
 167 28.0 21.9 32.9
 279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 71.102 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:149 Resp: 79141

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

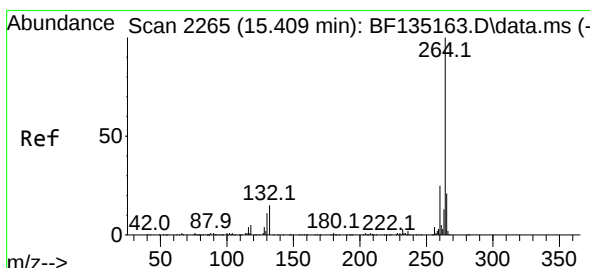
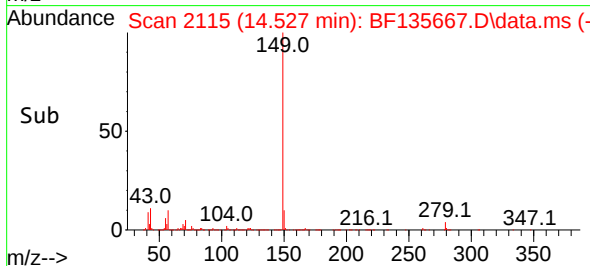
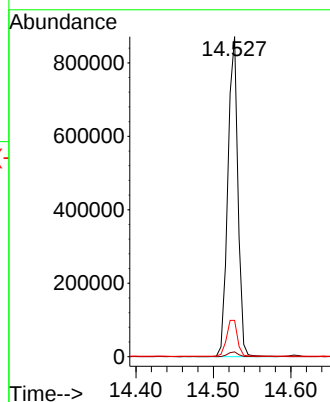
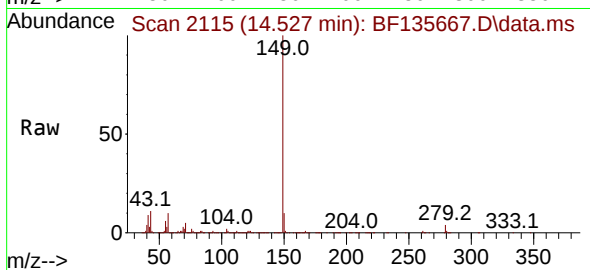
43 12.1 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

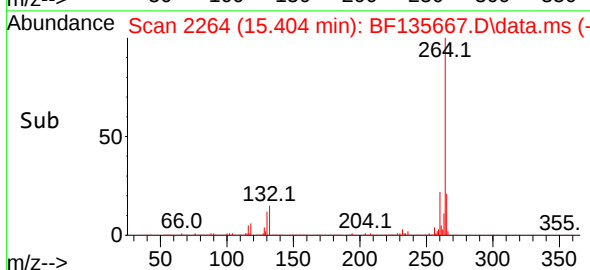
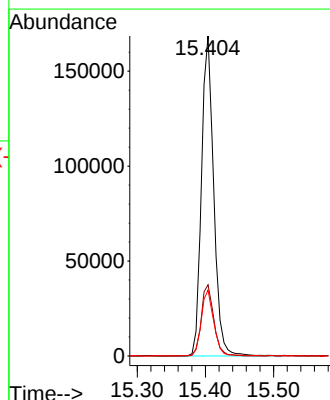
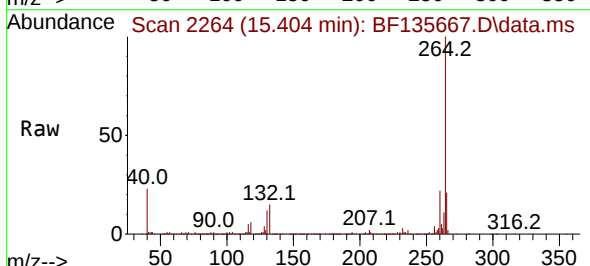
Tgt Ion:264 Resp: 210216

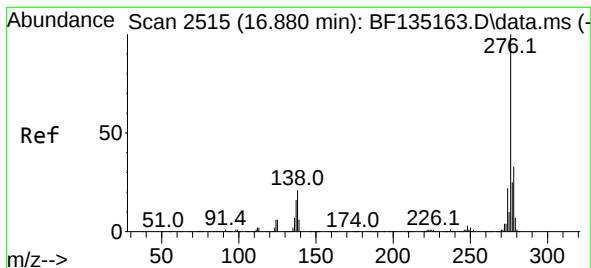
Ion Ratio Lower Upper

264 100

260 22.2 19.8 29.6

265 20.6 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.327 ng

RT: 16.898 min Scan# 2118

Delta R.T. 0.030 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:276 Resp: 514478

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

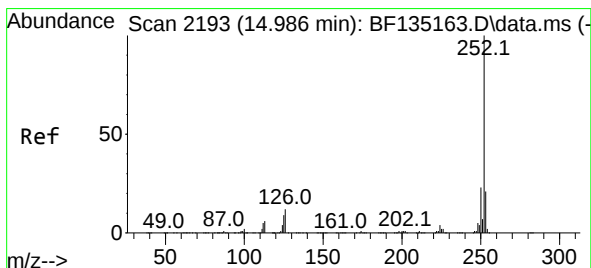
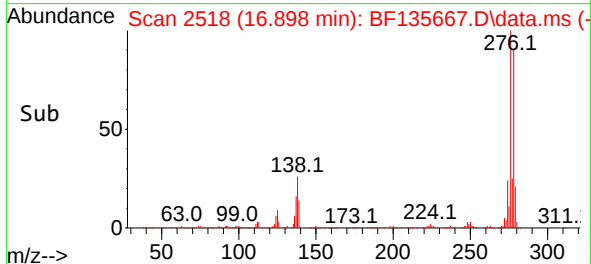
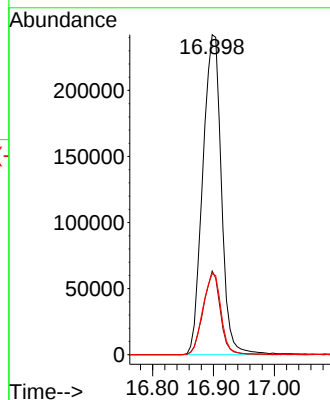
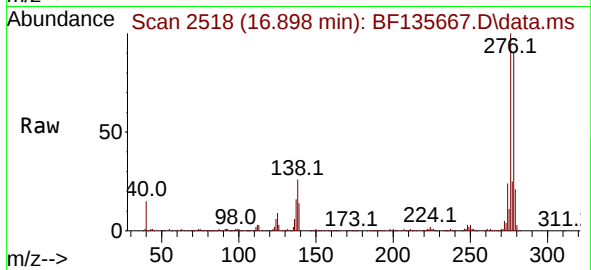
277 24.9 19.7 29.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#88

Benzo(b)fluoranthene

Concen: 53.364 ng

RT: 14.980 min Scan# 2192

Delta R.T. 0.018 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

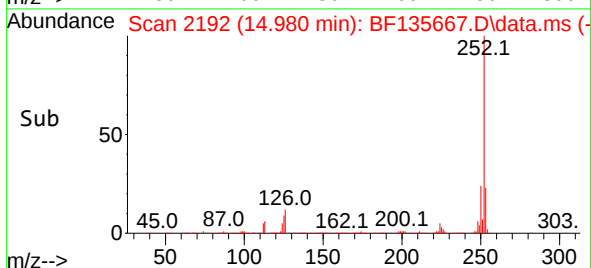
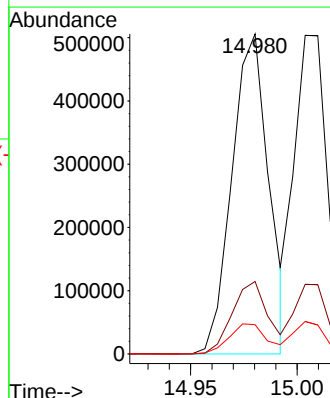
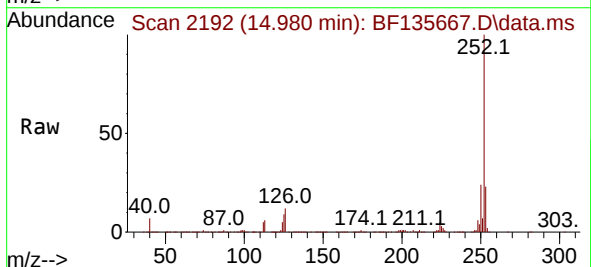
Tgt Ion:252 Resp: 607267

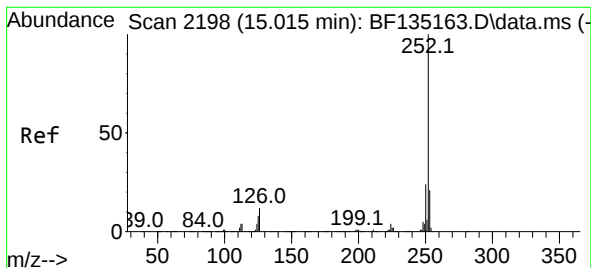
Ion Ratio Lower Upper

252 100

253 22.6 17.2 25.8

125 9.1 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 49.500 ng

RT: 15.004 min Scan# 2198

Delta R.T. 0.012 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

ClientSampleId :

DTP-1MS

Tgt Ion:252 Resp: 55644

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

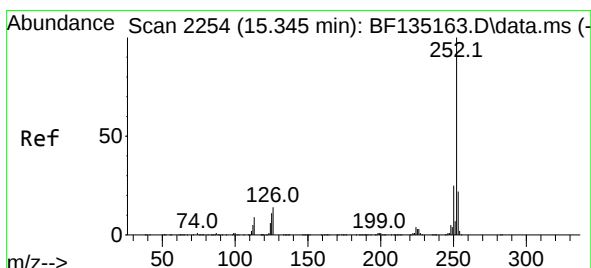
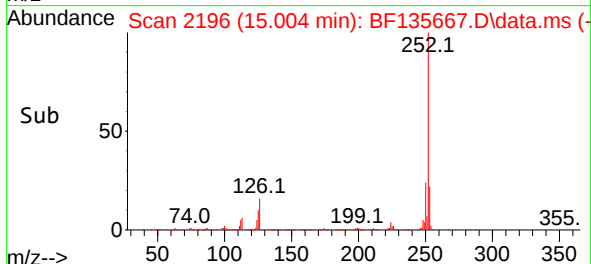
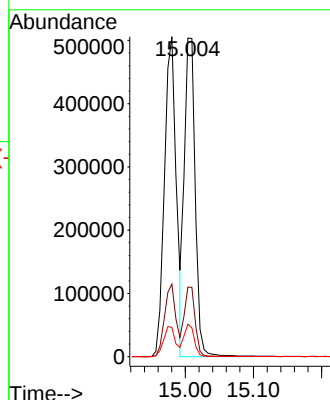
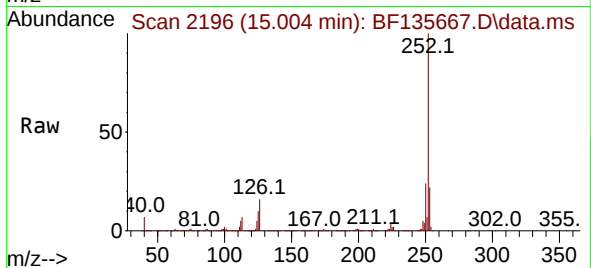
125 10.2 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#90

Benzo(a)pyrene

Concen: 46.980 ng

RT: 15.345 min Scan# 2254

Delta R.T. 0.018 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

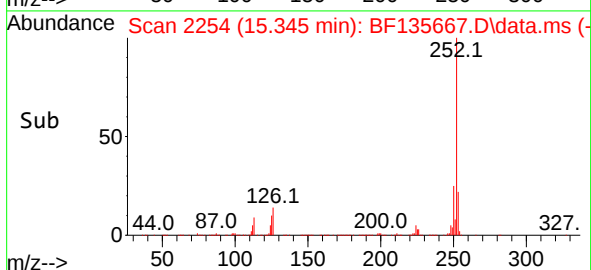
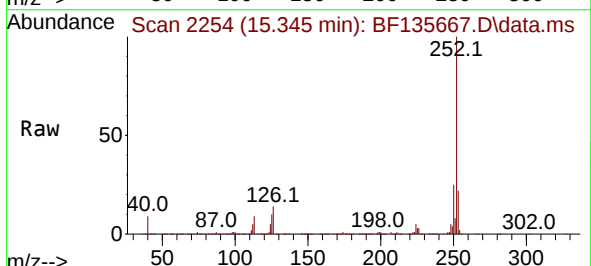
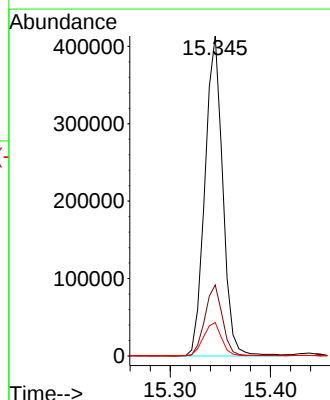
Tgt Ion:252 Resp: 509835

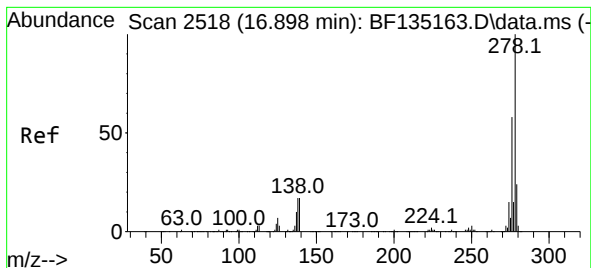
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 10.4 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 38.213 ng

RT: 16.904 min Scan# 2519

Delta R.T. 0.024 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Instrument :

BNA_F

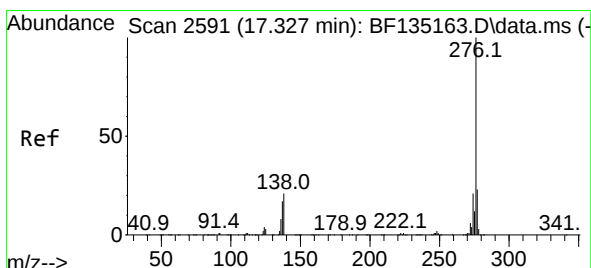
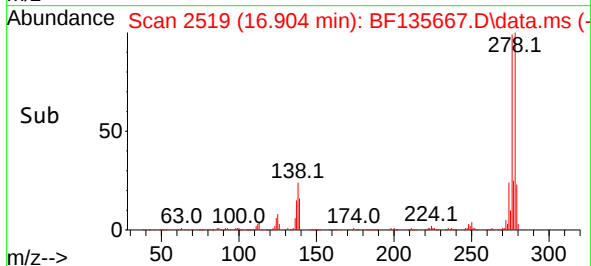
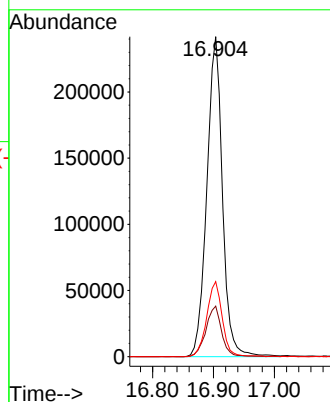
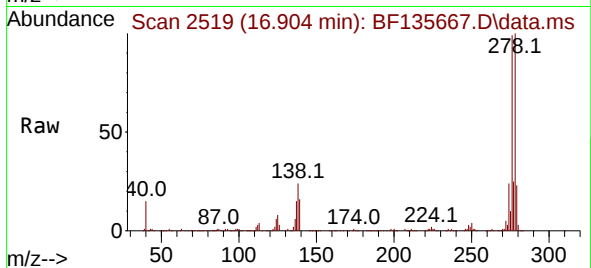
ClientSampleId :

DTP-1MS

Tgt Ion:278 Resp: 43094
 Ion Ratio Lower Upper
 278 100
 139 15.8 13.4 20.0
 279 23.5 19.0 28.6

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023



#92

Benzo(g,h,i)perylene

Concen: 34.210 ng

RT: 17.345 min Scan# 2594

Delta R.T. 0.030 min

Lab File: BF135667.D

Acq: 09 Oct 2023 23:45

Tgt Ion:276 Resp: 402929
 Ion Ratio Lower Upper
 276 100
 277 23.8 18.8 28.2
 138 20.0 16.9 25.3

