

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101023\
 Data File : BF135694.D
 Acq On : 10 Oct 2023 20:08
 Operator : CG\JU
 Sample : 04731-04MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023

Quant Time: Oct 11 03:03:44 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 11 02:43:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.740	152	83190	20.000	ng	0.00
21) Naphthalene-d8	8.016	136	313081	20.000	ng	0.00
39) Acenaphthene-d10	9.775	164	152836	20.000	ng	0.00
64) Phenanthrene-d10	11.275	188	291105	20.000	ng	0.00
76) Chrysene-d12	13.933	240	156155	20.000	ng	0.00
86) Perylene-d12	15.404	264	162516	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	452664	88.500	ng	0.01
7) Phenol-d6	6.393	99	552604	84.966	ng	0.00
23) Nitrobenzene-d5	7.304	82	339179	58.858	ng	0.00
42) 2,4,6-Tribromophenol	10.575	330	130906	86.189	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	606584	59.879	ng	0.00
79) Terphenyl-d14	12.863	244	624822	62.028	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.505	88	116661	52.029	ng	99
3) Pyridine	3.246	79	236390	39.172	ng	96
4) n-Nitrosodimethylamine	3.222	42	170500	53.242	ng	95
6) Aniline	6.410	93	302886	35.514	ng	# 59
8) 2-Chlorophenol	6.528	128	281305	51.520	ng	99
9) Benzaldehyde	6.298	77	151683	40.939	ng	99
10) Phenol	6.404	94	336623	47.201	ng	77
11) bis(2-Chloroethyl)ether	6.481	93	263095	49.181	ng	99
12) 1,3-Dichlorobenzene	6.675	146	286266	51.588	ng	99
13) 1,4-Dichlorobenzene	6.757	146	295124	52.275	ng	98
14) 1,2-Dichlorobenzene	6.904	146	270264	51.549	ng	99
15) Benzyl Alcohol	6.893	79	220797	47.310	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.016	45	487083	48.305	ng	68
17) 2-Methylphenol	7.010	107	213423	44.294	ng	# 89
18) Hexachloroethane	7.240	117	109567	52.525	ng	92
19) n-Nitroso-di-n-propyla...	7.157	70	185033	45.932	ng	96
20) 3+4-Methylphenols	7.163	107	275295	47.515	ng	# 74
22) Acetophenone	7.151	105	377112	52.685	ng	# 90
24) Nitrobenzene	7.328	77	287595	50.493	ng	99
25) Isophorone	7.563	82	509151	48.116	ng	98
26) 2-Nitrophenol	7.645	139	146799	53.700	ng	93
27) 2,4-Dimethylphenol	7.687	122	202688	44.111	ng	99
28) bis(2-Chloroethoxy)met...	7.775	93	316483	49.970	ng	99
29) 2,4-Dichlorophenol	7.893	162	218890	51.409	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	235973	53.024	ng	100
31) Naphthalene	8.040	128	771573	50.722	ng	99
32) Benzoic acid	7.840	122	139960	40.450	ng	95
33) 4-Chloroaniline	8.098	127	216081	32.377	ng	99
34) Hexachlorobutadiene	8.151	225	138940	51.776	ng	98
35) Caprolactam	8.475	113	75993m	53.180	ng	
36) 4-Chloro-3-methylphenol	8.598	107	237042	50.091	ng	96
37) 2-Methylnaphthalene	8.734	142	478565	46.802	ng	98
38) 1-Methylnaphthalene	8.834	142	466623	48.742	ng	100
40) 1,2,4,5-Tetrachloroben...	8.898	216	238466	53.857	ng	99
41) Hexachlorocyclopentadiene	8.881	237	94948	51.558	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	143033	49.338	ng	97

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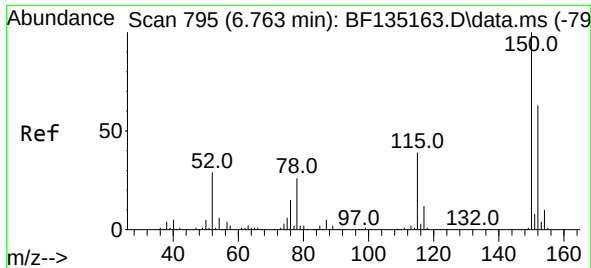
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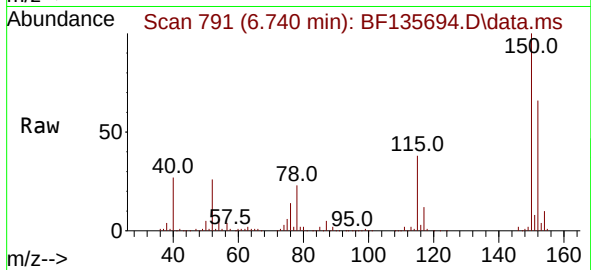
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.069	196	153985	46.123	ng	97
46) 1,1'-Biphenyl	9.198	154	608261	51.788	ng	99
47) 2-Chloronaphthalene	9.222	162	445321	52.256	ng	97
48) 2-Nitroaniline	9.334	65	169800	51.288	ng	98
49) Acenaphthylene	9.639	152	741192	52.334	ng	99
50) Dimethylphthalate	9.504	163	516812	50.014	ng	100
51) 2,6-Dinitrotoluene	9.581	165	115543	51.042	ng	# 79
52) Acenaphthene	9.810	154	426132	50.933	ng	98
53) 3-Nitroaniline	9.751	138	102201	38.462	ng	94
54) 2,4-Dinitrophenol	9.875	184	97990	76.545	ng	98
55) Dibenzofuran	9.986	168	626878	49.101	ng	98
56) 4-Nitrophenol	9.939	139	118319	70.062	ng	96
57) 2,4-Dinitrotoluene	9.992	165	141022	49.762	ng	96
58) Fluorene	10.328	166	509768	51.938	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.116	232	116318	45.292	ng	100
60) Diethylphthalate	10.204	149	501499	48.359	ng	98
61) 4-Chlorophenyl-phenyle...	10.322	204	234282	49.691	ng	95
62) 4-Nitroaniline	10.375	138	124396	48.703	ng	94
63) Azobenzene	10.481	77	512175	50.464	ng	95
65) 4,6-Dinitro-2-methylph...	10.404	198	73870	47.777	ng	95
66) n-Nitrosodiphenylamine	10.445	169	449325	50.984	ng	99
67) 4-Bromophenyl-phenylether	10.810	248	145794	50.356	ng	92
68) Hexachlorobenzene	10.881	284	158737	53.816	ng	93
69) Atrazine	10.981	200	140454	59.229	ng	98
70) Pentachlorophenol	11.086	266	111081	62.945	ng	96
71) Phenanthrene	11.298	178	714220	51.875	ng	99
72) Anthracene	11.351	178	732534	51.762	ng	99
73) Carbazole	11.516	167	696550	54.068	ng	98
74) Di-n-butylphthalate	11.839	149	790914	52.101	ng	100
75) Fluoranthene	12.492	202	764726	53.305	ng	99
77) Benzidine	12.627	184	215492	67.360	ng	99
78) Pyrene	12.727	202	774725	52.110	ng	99
80) Butylbenzylphthalate	13.345	149	297296	56.796	ng	100
81) Benzo(a)anthracene	13.922	228	537049	53.261	ng	100
82) 3,3'-Dichlorobenzidine	13.886	252	148571	47.172	ng	# 98
83) Chrysene	13.963	228	495606	49.436	ng	99
84) Bis(2-ethylhexyl)phtha...	13.904	149	364400	67.840	ng	100
85) Di-n-octyl phthalate	14.521	149	500765	58.663	ng	99
87) Indeno(1,2,3-cd)pyrene	16.904	276	544299	51.081	ng	99
88) Benzo(b)fluoranthene	14.974	252	452054	51.384	ng	98
89) Benzo(k)fluoranthene	15.004	252	404095	46.499	ng	98
90) Benzo(a)pyrene	15.345	252	401915	47.906	ng	99
91) Dibenzo(a,h)anthracene	16.904	278	441696	50.661	ng	98
92) Benzo(g,h,i)perylene	17.351	276	447577	49.155	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.740 min Scan# 79
Delta R.T. 0.001 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

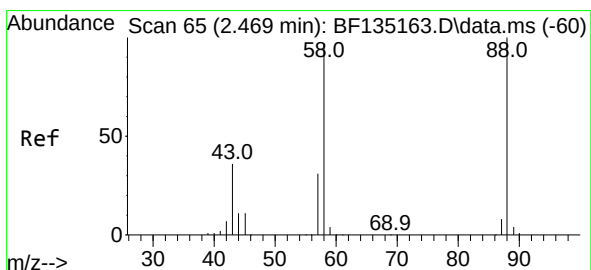
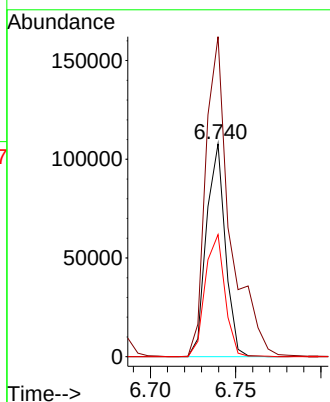
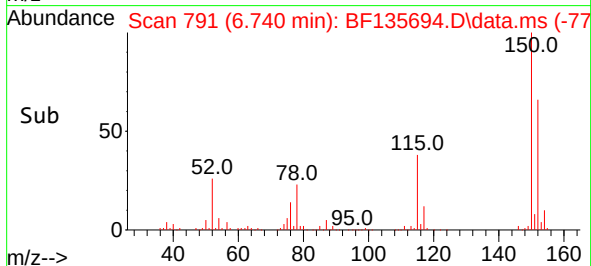
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion:152 Resp: 83190
Ion Ratio Lower Upper
152 100
150 150.4 127.8 191.6
115 57.4 49.8 74.8

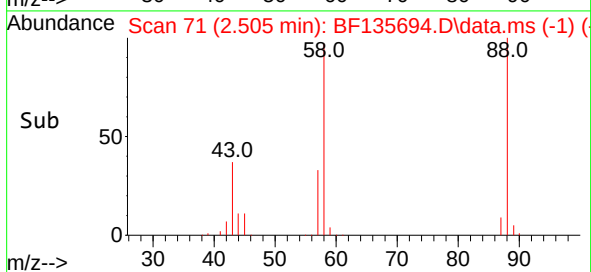
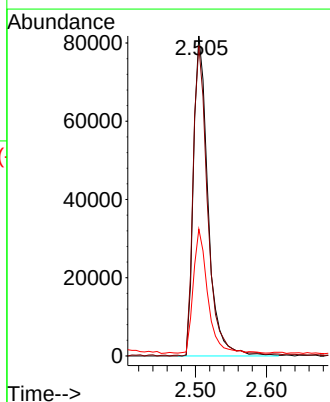
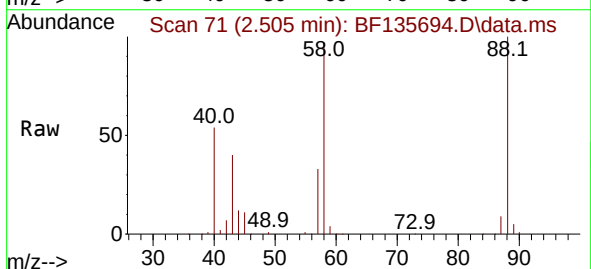
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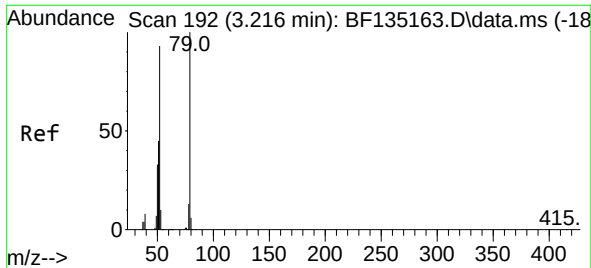
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#2
1,4-Dioxane
Concen: 52.029 ng
RT: 2.505 min Scan# 71
Delta R.T. 0.077 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

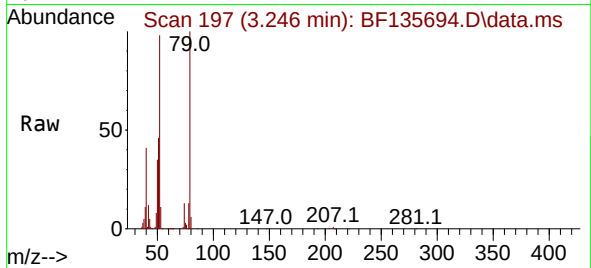
Tgt Ion: 88 Resp: 116661
Ion Ratio Lower Upper
88 100
58 97.5 78.3 117.5
43 38.1 29.4 44.0





#3
Pyridine
Concen: 39.172 ng
RT: 3.246 min Scan# 192
Delta R.T. 0.071 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

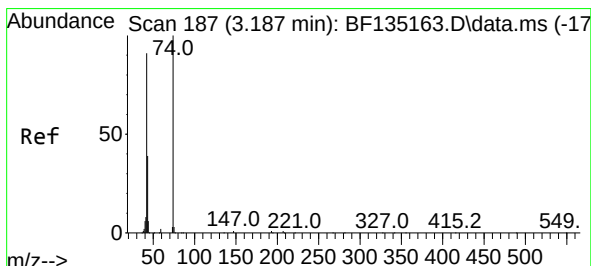
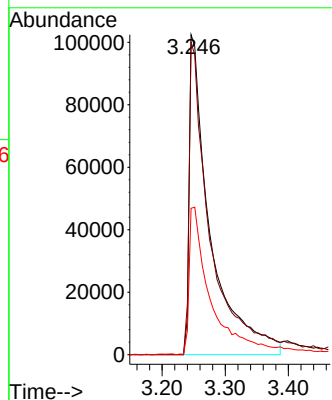
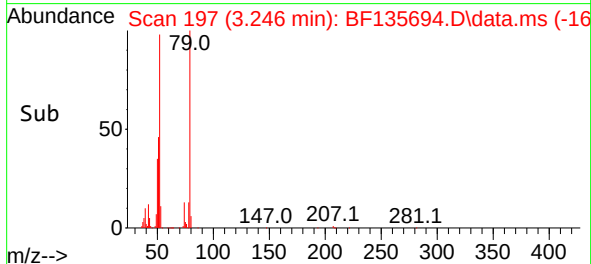
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion: 79 Resp: 236390
Ion Ratio Lower Upper
79 100
52 97.7 74.1 111.1
51 45.8 35.8 53.8

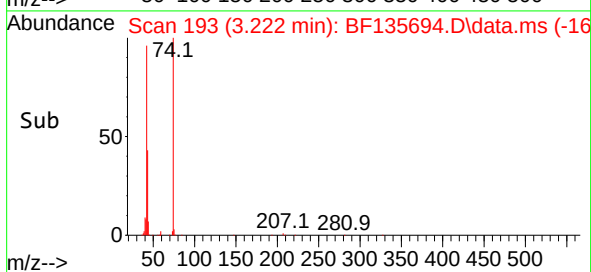
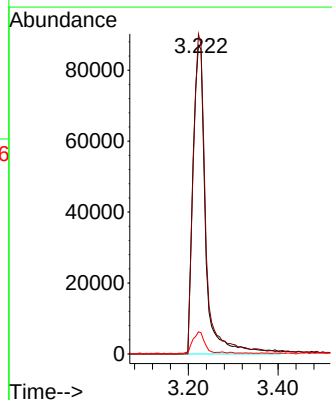
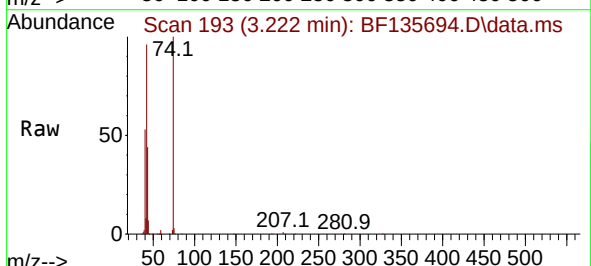
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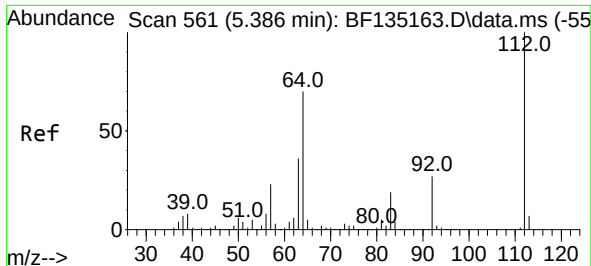
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#4
n-Nitrosodimethylamine
Concen: 53.242 ng
RT: 3.222 min Scan# 193
Delta R.T. 0.071 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion: 42 Resp: 170500
Ion Ratio Lower Upper
42 100
74 103.7 87.7 131.5
44 7.1 5.6 8.4





#5
2-Fluorophenol
Concen: 88.500 ng
RT: 5.381 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

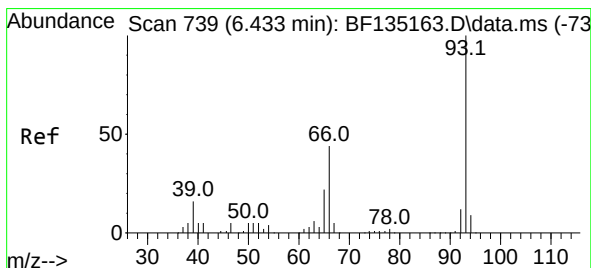
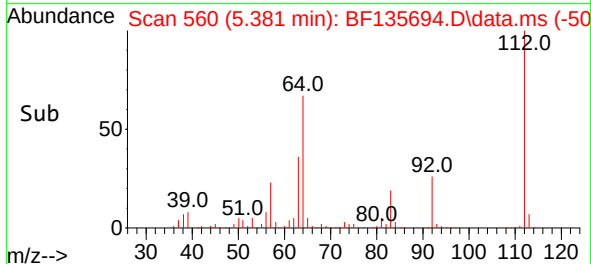
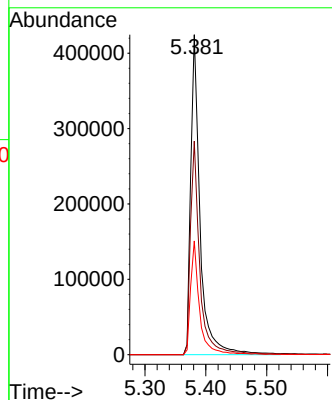
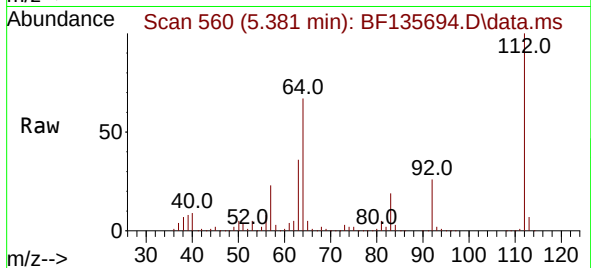
DTP-2MSD

Tgt Ion:112 Resp: 452664
Ion Ratio Lower Upper
112 100
64 66.8 55.9 83.9
63 35.5 29.0 43.6

Manual Integrations

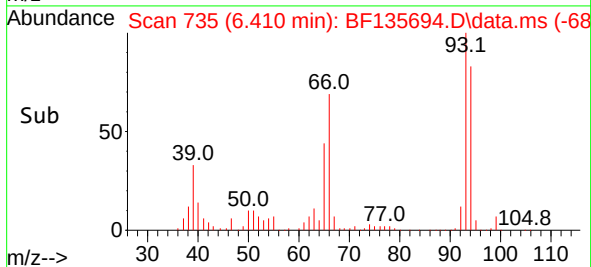
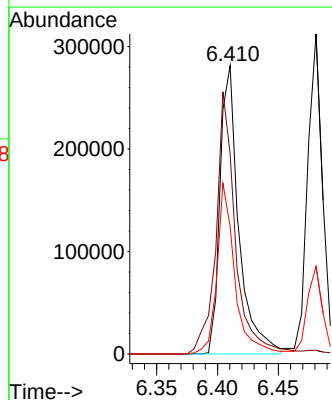
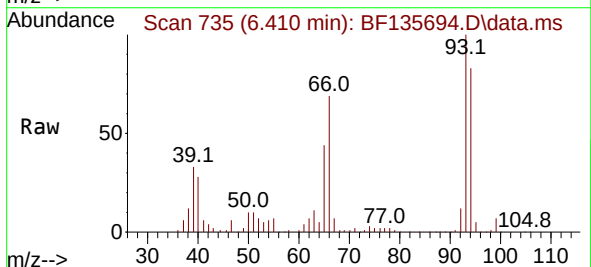
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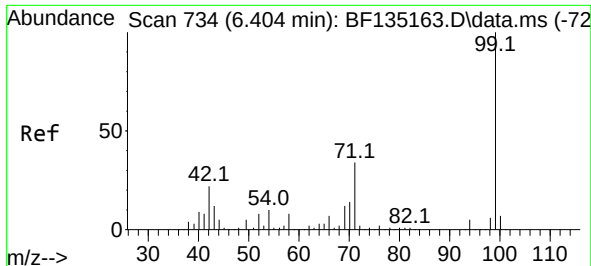
Reviewed By :Yogesh Patel 10/11/2023
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#6
Aniline
Concen: 35.514 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion: 93 Resp: 302886
Ion Ratio Lower Upper
93 100
66 69.4 35.4 53.0#
65 44.2 17.8 26.8#





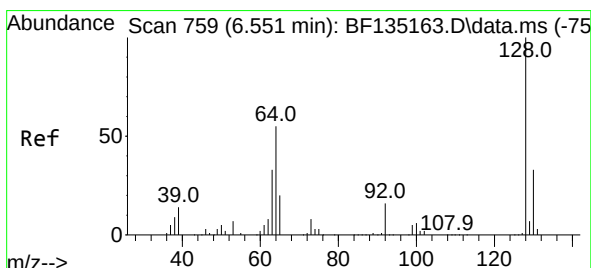
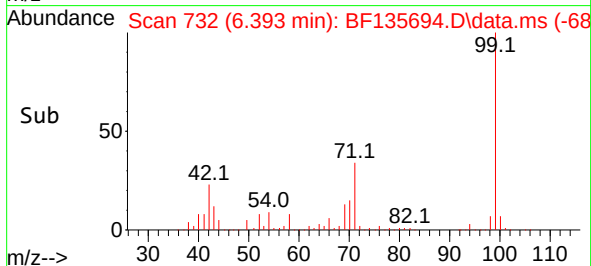
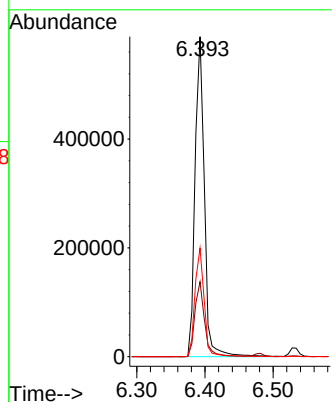
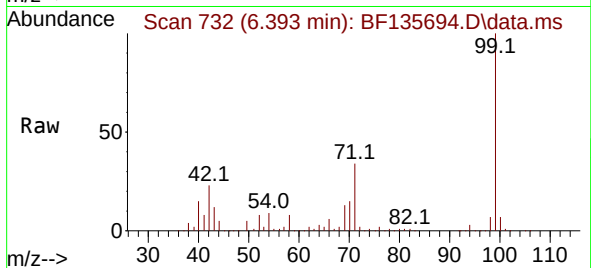
#7
Phenol-d6
Concen: 84.966 ng
RT: 6.393 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Tgt Ion: 99 Resp: 552604
Ion Ratio Lower Upper
99 100
42 23.4 17.9 26.9
71 33.9 27.0 40.6

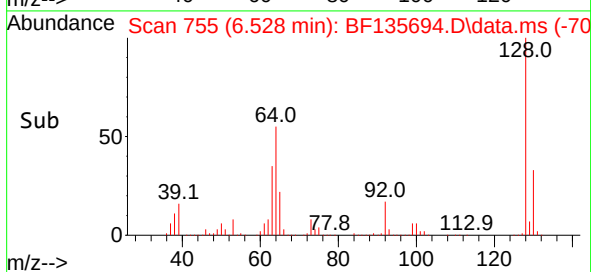
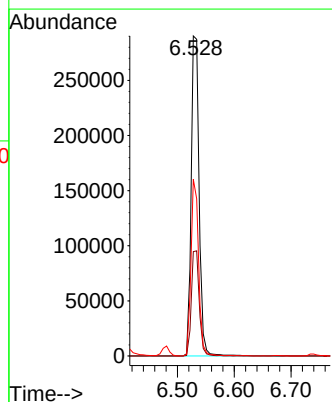
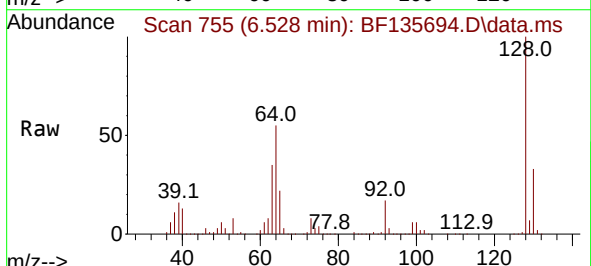
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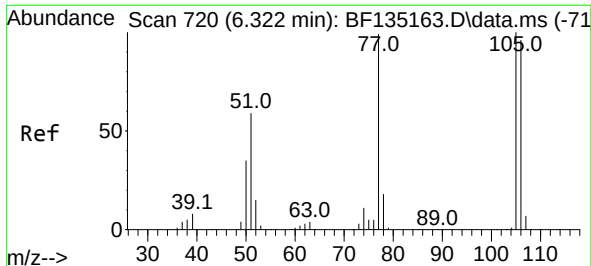
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#8
2-Chlorophenol
Concen: 51.520 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

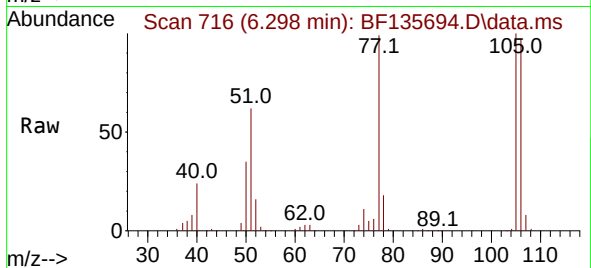
Tgt Ion:128 Resp: 281305
Ion Ratio Lower Upper
128 100
130 32.6 12.7 52.7
64 55.2 35.9 75.9





#9
Benzaldehyde
Concen: 40.939 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

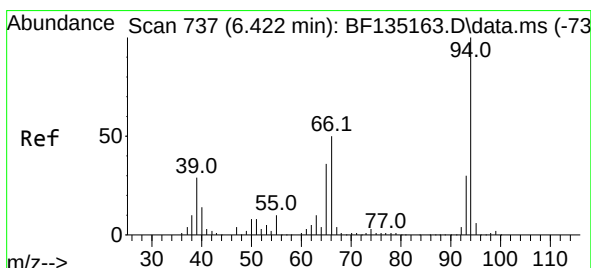
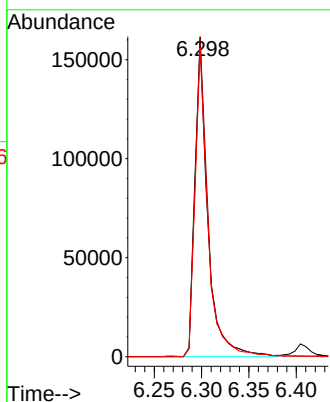
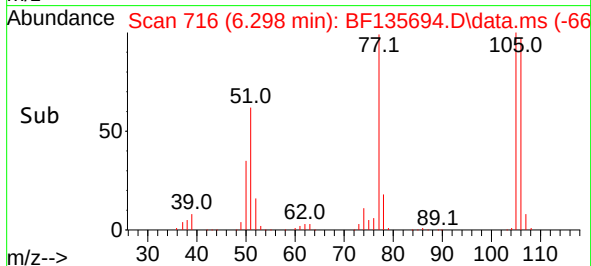
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion: 77 Resp: 15168
Ion Ratio Lower Upper
77 100
105 100.9 81.4 121.4
106 97.4 76.9 116.9

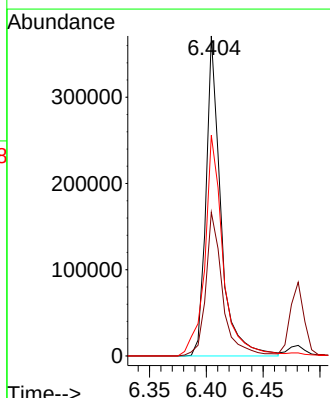
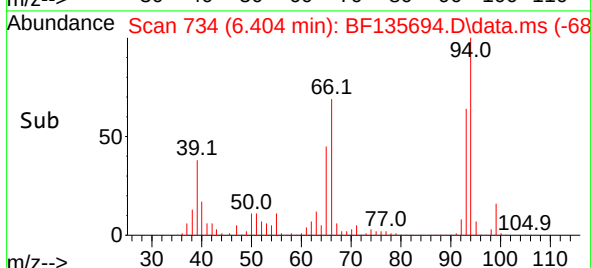
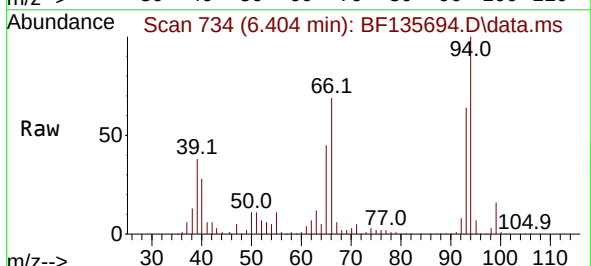
Manual Integrations
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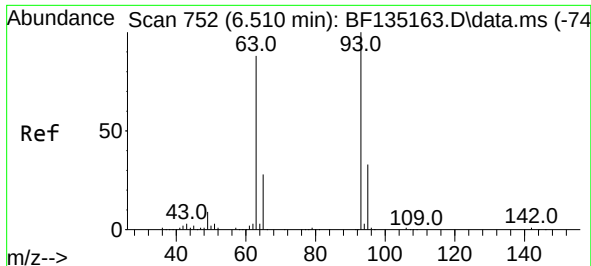
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#10
Phenol
Concen: 47.201 ng
RT: 6.404 min Scan# 734
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

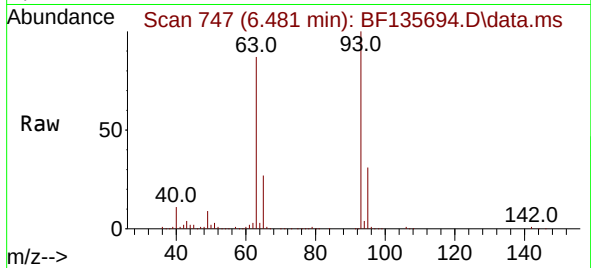
Tgt Ion: 94 Resp: 336623
Ion Ratio Lower Upper
94 100
65 44.9 15.9 55.9
66 69.0 29.8 69.8





#11
bis(2-Chloroethyl)ether
Concen: 49.181 ng
RT: 6.481 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

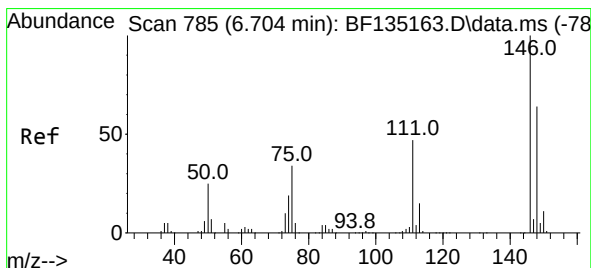
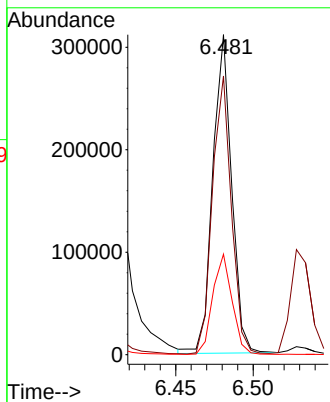
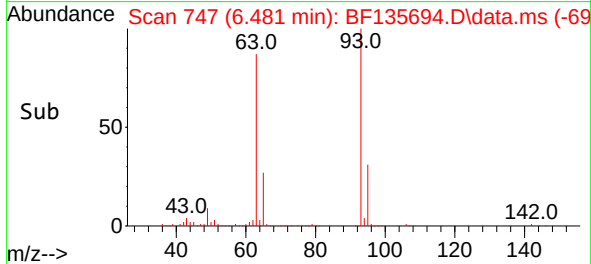
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion: 93 Resp: 263095
Ion Ratio Lower Upper
93 100
63 87.1 67.3 107.3
95 31.4 12.7 52.7

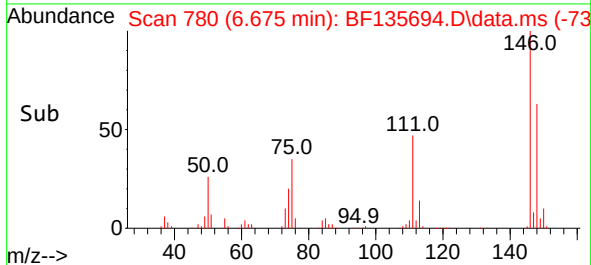
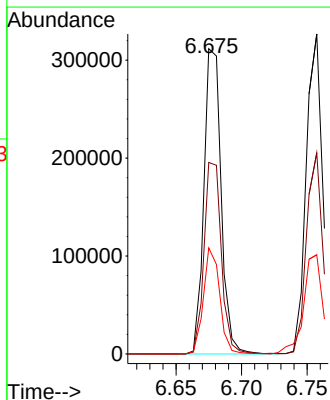
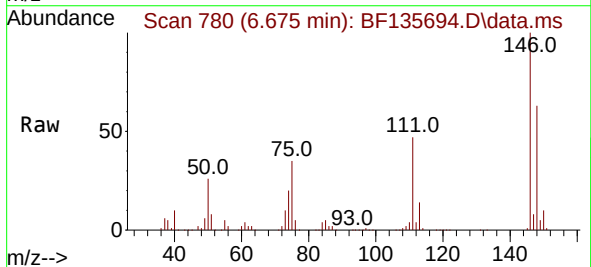
Manual Integrations
APPROVED

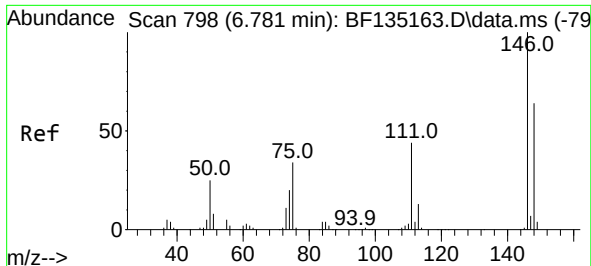
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#12
1,3-Dichlorobenzene
Concen: 51.588 ng
RT: 6.675 min Scan# 780
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:146 Resp: 286266
Ion Ratio Lower Upper
146 100
148 62.7 51.3 76.9
75 34.8 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 52.275 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

Tgt Ion:146 Resp: 295124

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

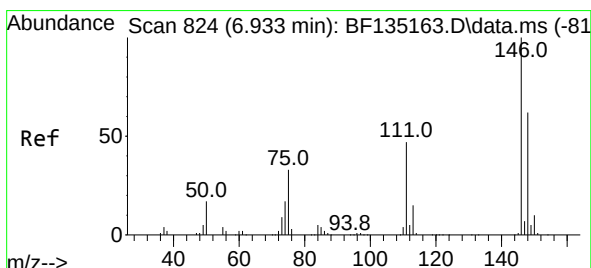
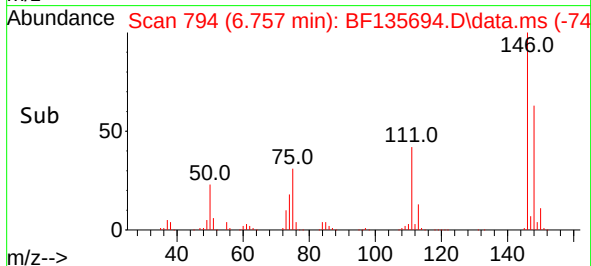
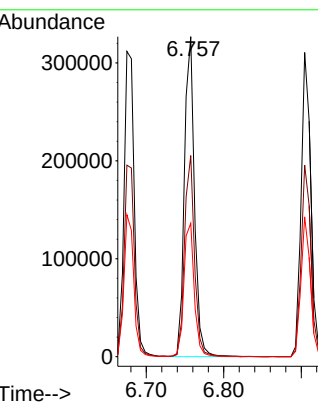
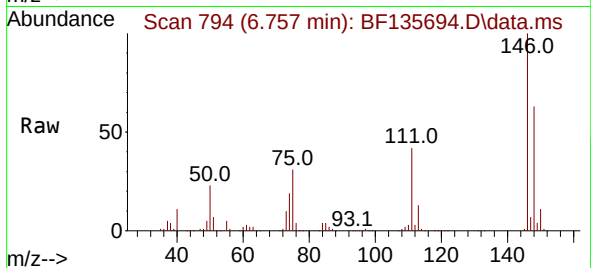
111 41.7 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#14

1,2-Dichlorobenzene

Concen: 51.549 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

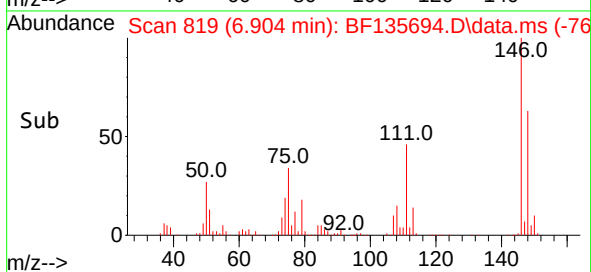
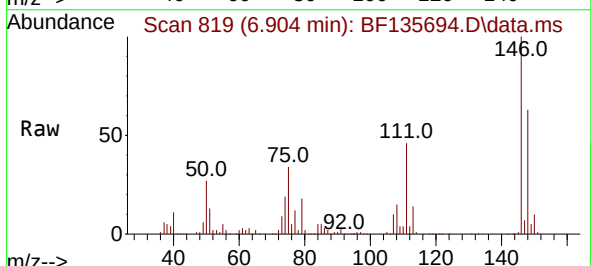
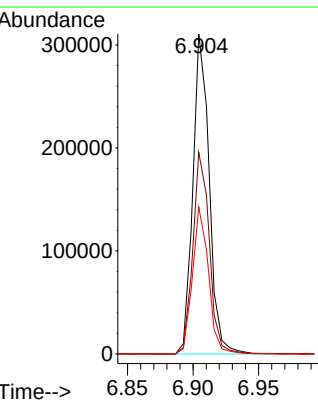
Tgt Ion:146 Resp: 270264

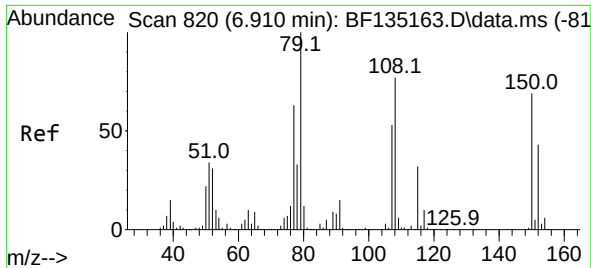
Ion Ratio Lower Upper

146 100

148 63.0 49.7 74.5

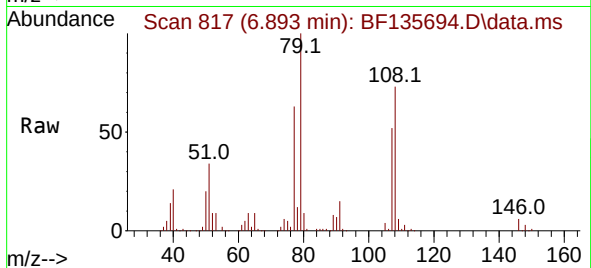
111 46.0 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.310 ng
RT: 6.893 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

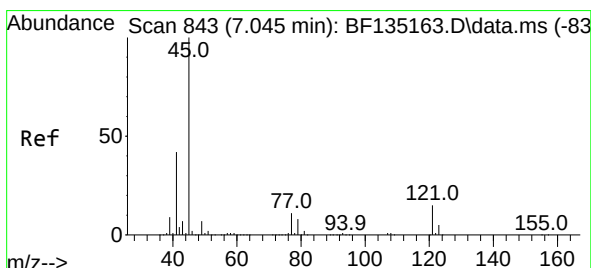
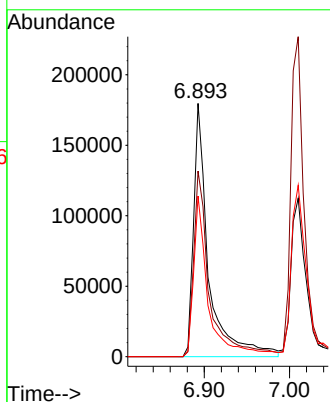
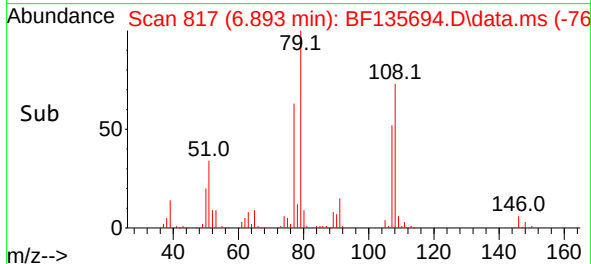
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion: 79 Resp: 22079
Ion Ratio Lower Upper
79 100
108 73.3 61.2 91.8
77 63.4 50.5 75.7

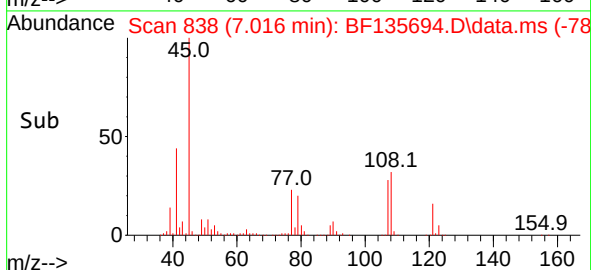
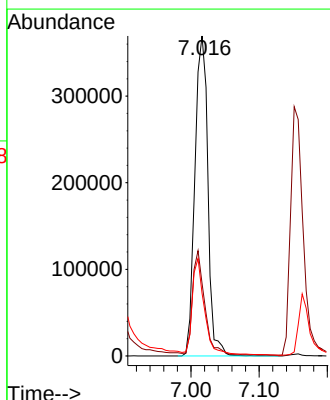
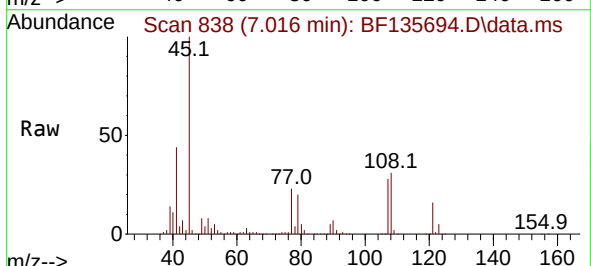
Manual Integrations
APPROVED

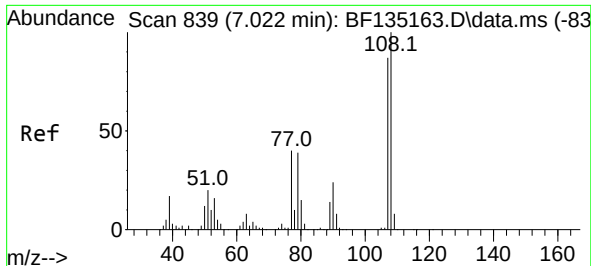
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.305 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

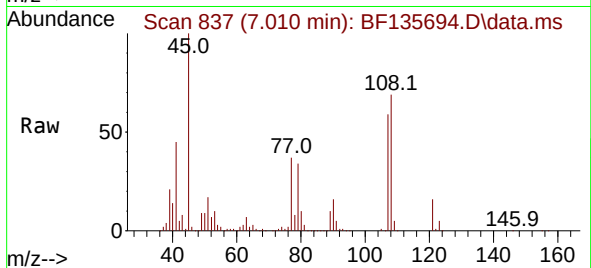
Tgt Ion: 45 Resp: 487083
Ion Ratio Lower Upper
45 100
77 22.7 0.0 30.6
79 19.6 0.0 28.3





#17
2-Methylphenol
Concen: 44.294 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

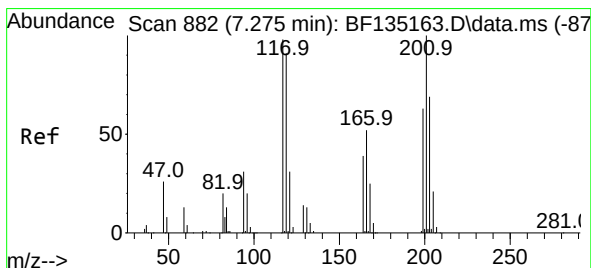
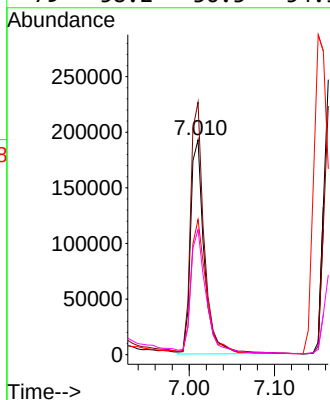
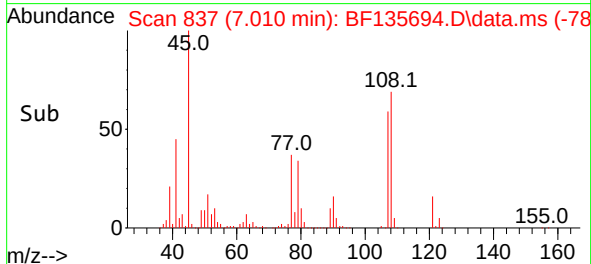
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion:107 Resp: 21342
Ion Ratio Lower Upper
107 100
108 117.5 92.0 138.0
77 62.9 36.7 55.1
79 58.2 36.3 54.5#

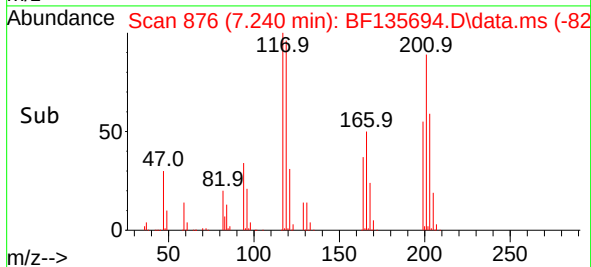
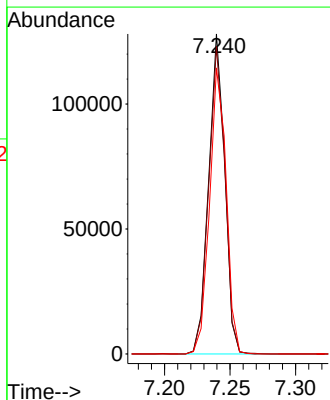
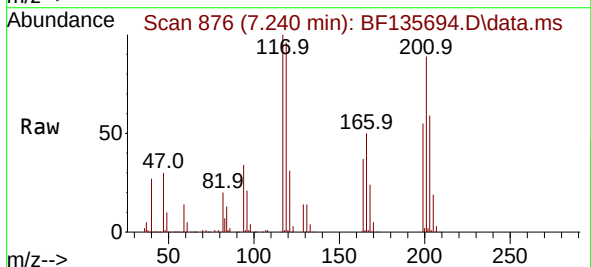
Manual Integrations
APPROVED

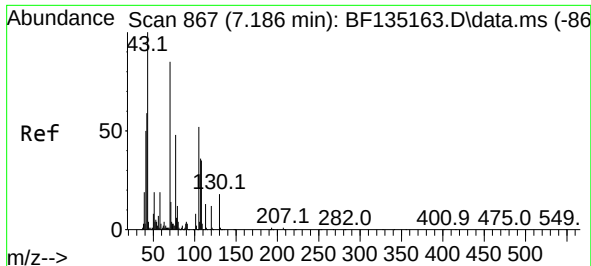
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#18
Hexachloroethane
Concen: 52.525 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

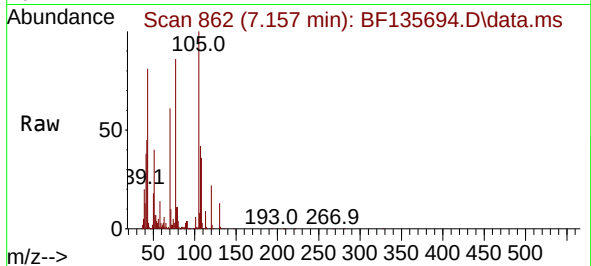
Tgt Ion:117 Resp: 109567
Ion Ratio Lower Upper
117 100
119 96.1 74.7 112.1
201 89.4 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.932 ng
RT: 7.157 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

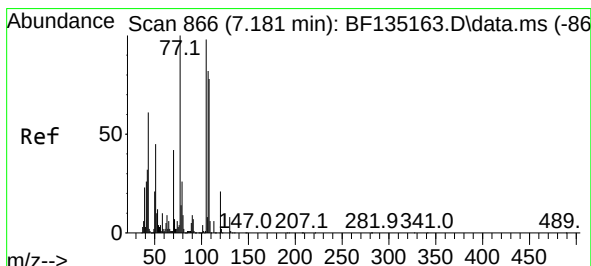
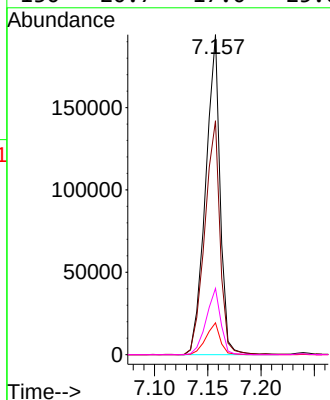
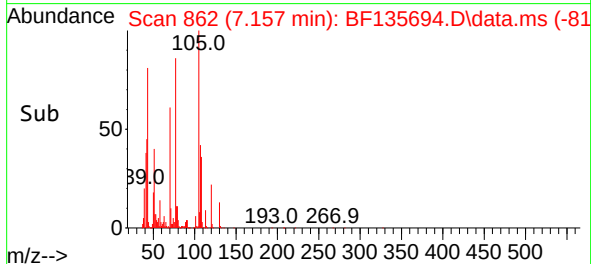
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion: 70 Resp: 18503
Ion Ratio Lower Upper
70 100
42 73.1 55.4 83.0
101 10.0 7.7 11.5
130 20.7 17.0 25.6

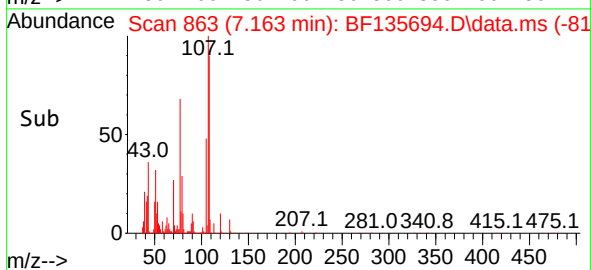
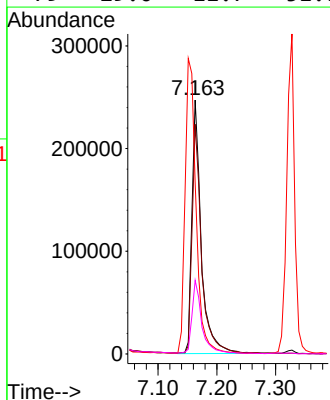
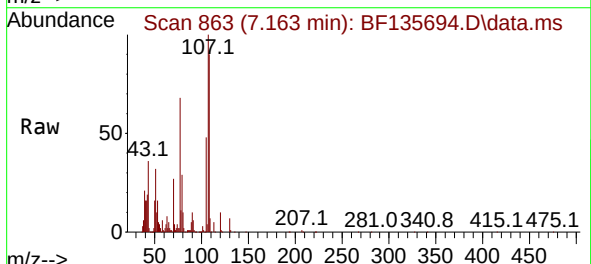
Manual Integrations
APPROVED

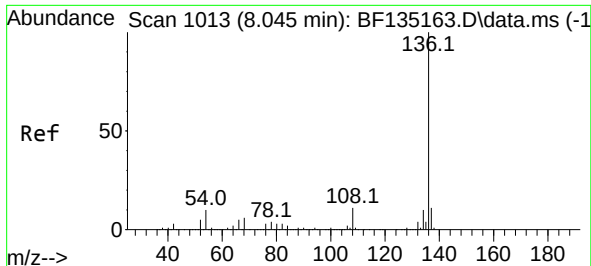
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#20
3+4-Methylphenols
Concen: 47.515 ng
RT: 7.163 min Scan# 863
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:107 Resp: 275295
Ion Ratio Lower Upper
107 100
108 90.4 74.7 114.7
77 67.5 102.0 142.0#
79 29.0 11.7 51.7





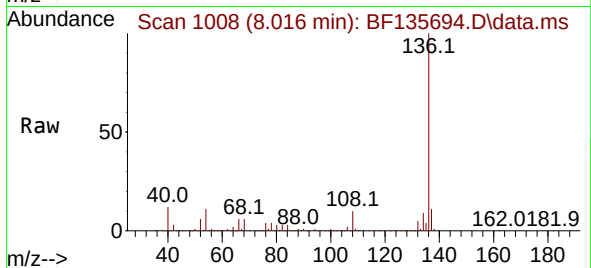
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.016 min Scan# 1013
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

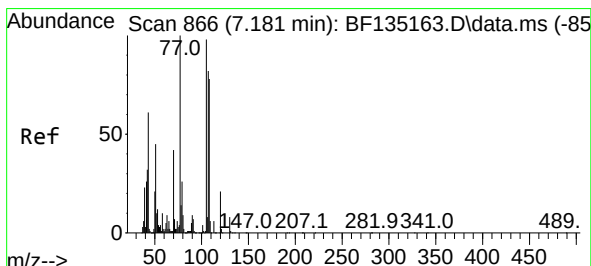
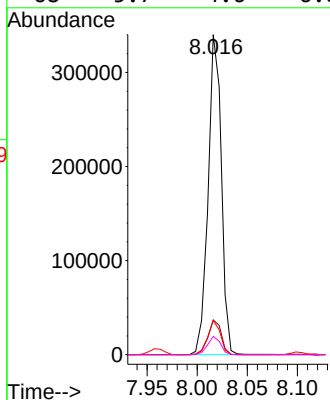
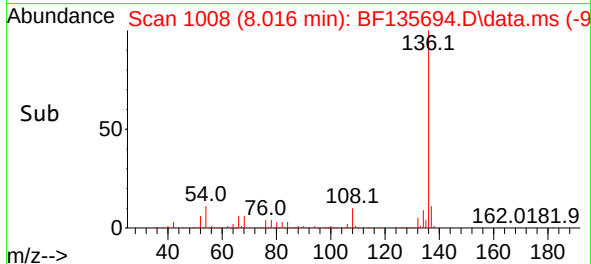


Tgt Ion:136 Resp: 31308
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 10.7 7.7 11.5
68 5.7 4.6 6.8

Manual Integrations

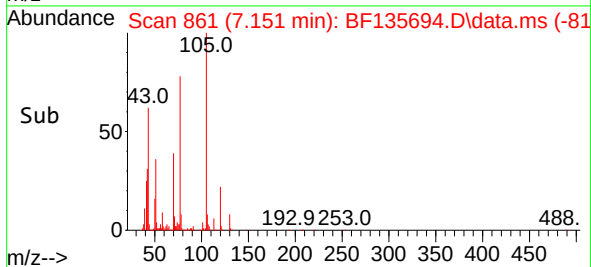
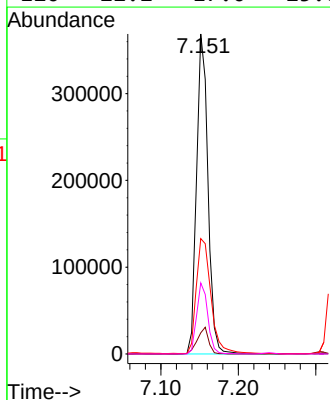
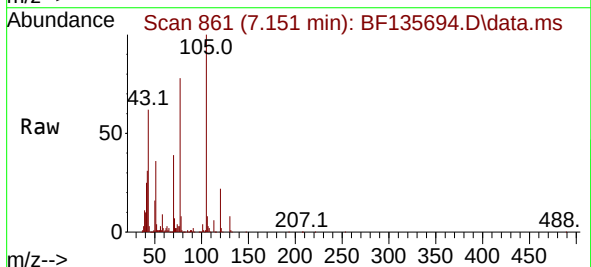
APPROVED

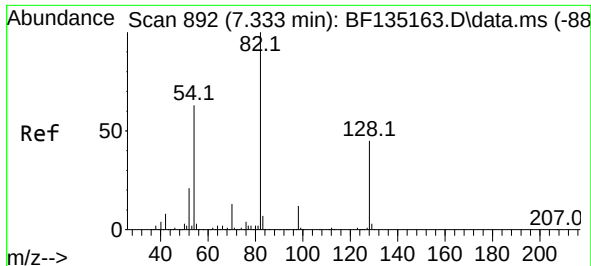
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#22
Acetophenone
Concen: 52.685 ng
RT: 7.151 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:105 Resp: 377112
Ion Ratio Lower Upper
105 100
71 6.6 5.8 8.6
51 36.0 37.0 55.4#
120 22.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 58.858 ng

RT: 7.304 min Scan# 892

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

Tgt Ion: 82 Resp: 339179

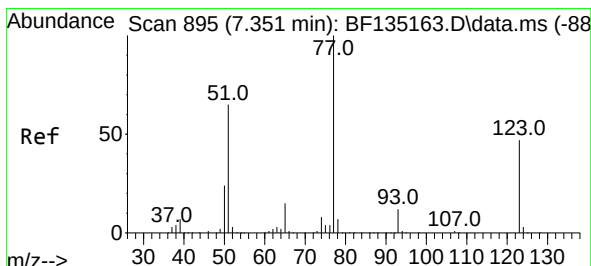
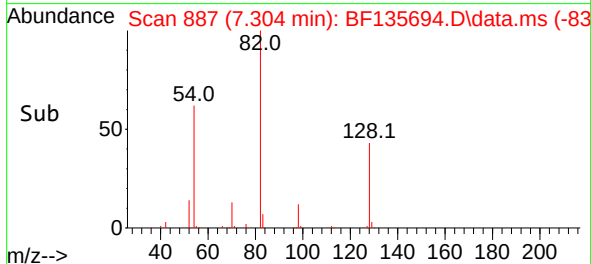
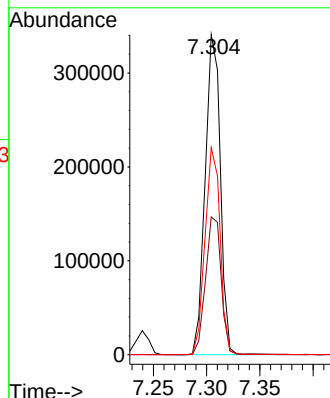
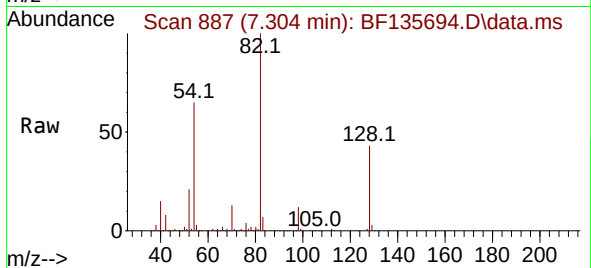
Ion	Ratio	Lower	Upper
82	100		
128	43.1	35.8	53.6
54	64.7	50.6	76.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#24

Nitrobenzene

Concen: 50.493 ng

RT: 7.328 min Scan# 891

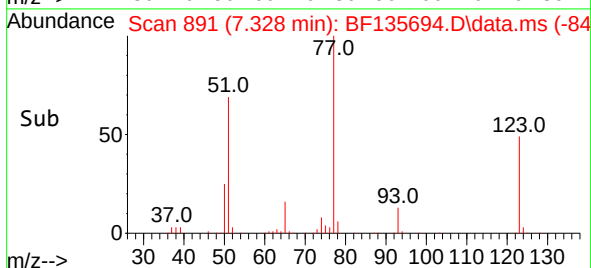
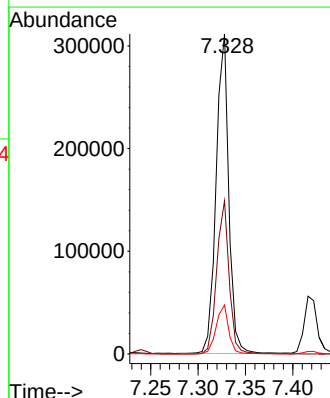
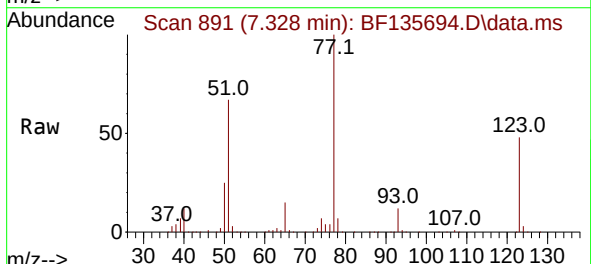
Delta R.T. 0.000 min

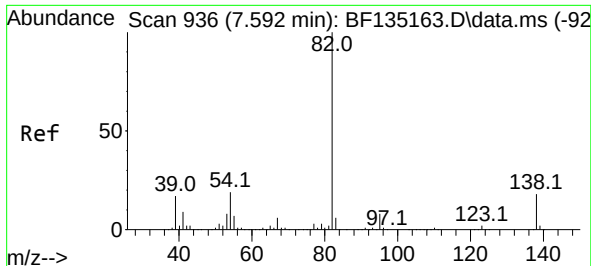
Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Tgt Ion: 77 Resp: 287595

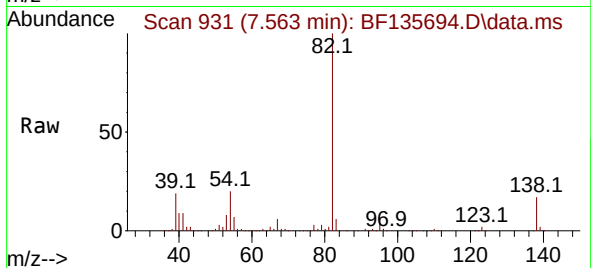
Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.6	56.4
65	15.3	12.2	18.4





#25
Isophorone
Concen: 48.116 ng
RT: 7.563 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

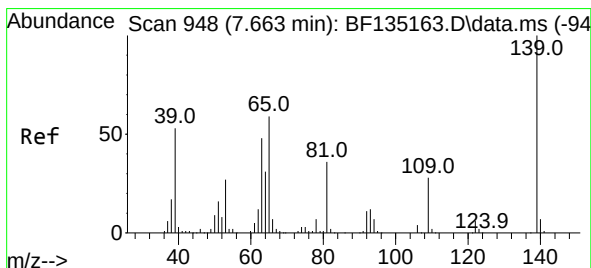
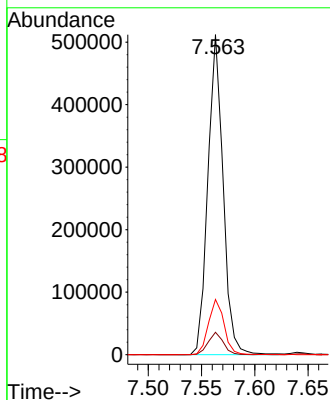
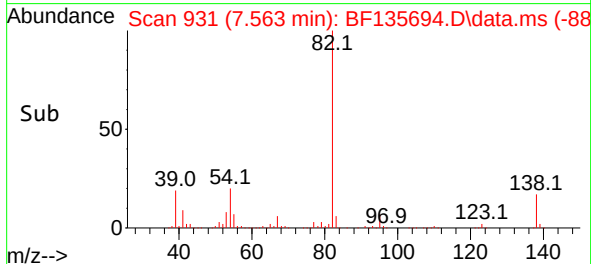
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



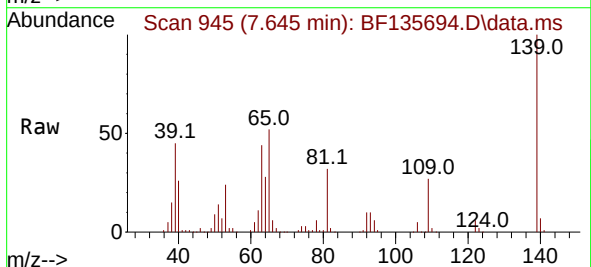
Tgt Ion: 82 Resp: 50915
Ion Ratio Lower Upper
82 100
95 7.0 6.0 9.0
138 17.2 14.5 21.7

Manual Integrations
APPROVED

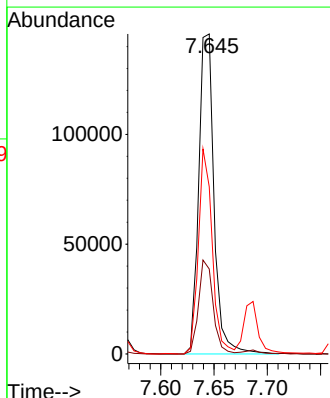
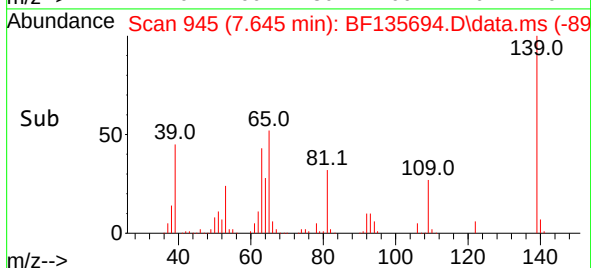
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

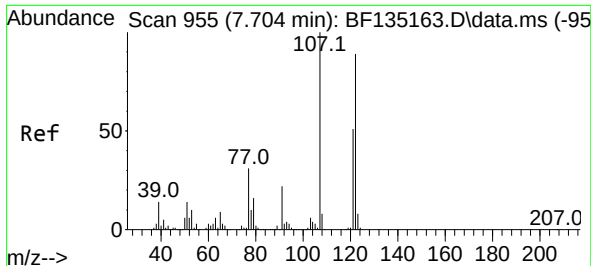


#26
2-Nitrophenol
Concen: 53.700 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:139 Resp: 146799
Ion Ratio Lower Upper
139 100
109 26.5 22.6 33.8
65 52.3 47.0 70.4





#27

2,4-Dimethylphenol

Concen: 44.111 ng

RT: 7.687 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF135694.D

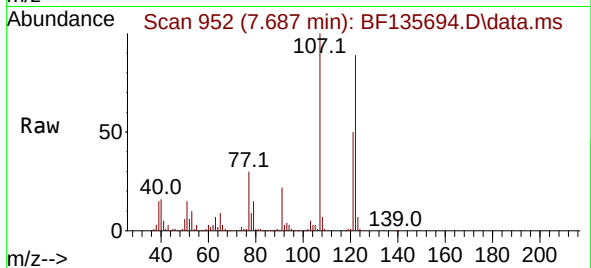
Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD



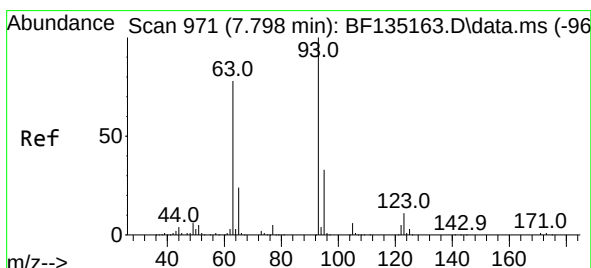
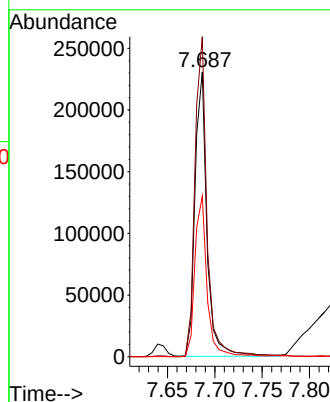
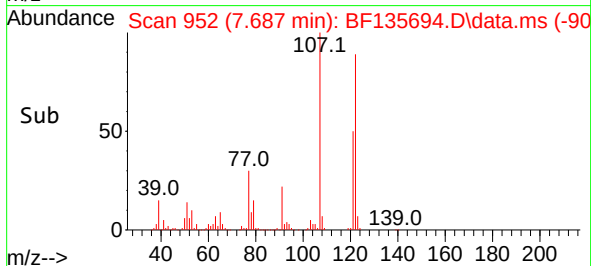
Tgt Ion:	122	Resp:	202688
Ion	Ratio	Lower	Upper
122	100		
107	112.4	90.2	135.4
121	56.4	46.3	69.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#28

bis(2-Chloroethoxy)methane

Concen: 49.970 ng

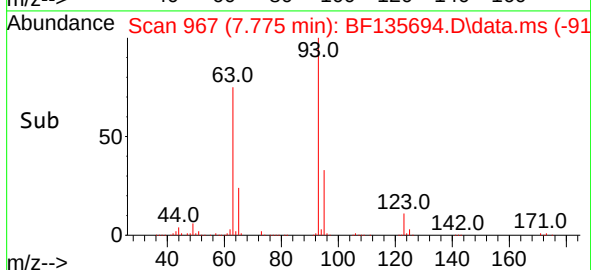
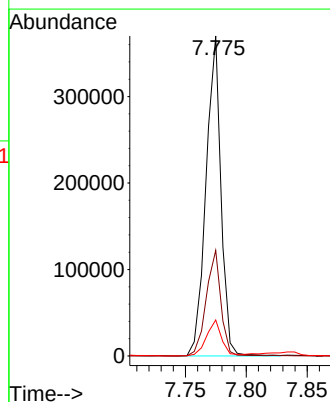
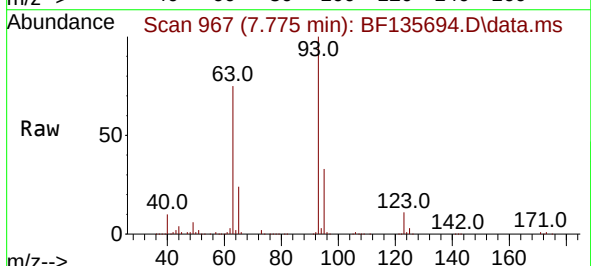
RT: 7.775 min Scan# 967

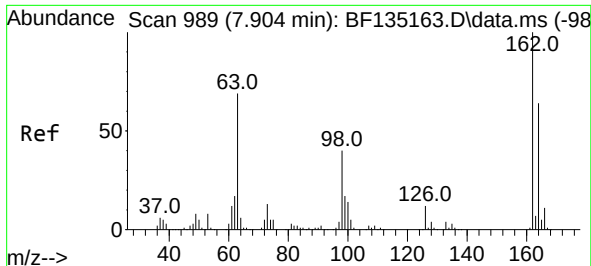
Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Tgt Ion:	93	Resp:	316483
Ion	Ratio	Lower	Upper
93	100		
95	33.0	26.2	39.2
123	11.2	8.8	13.2





#29

2,4-Dichlorophenol

Concen: 51.409 ng

RT: 7.893 min Scan# 990

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

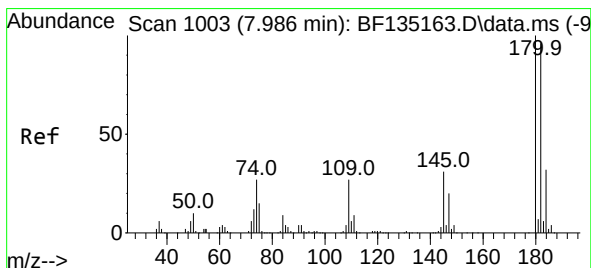
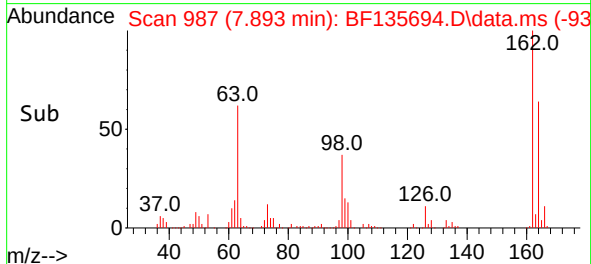
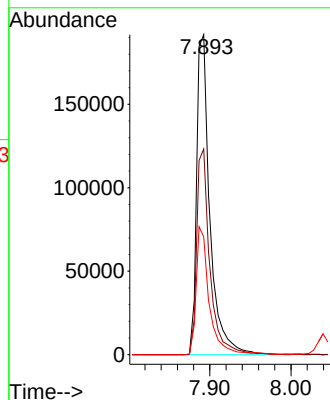
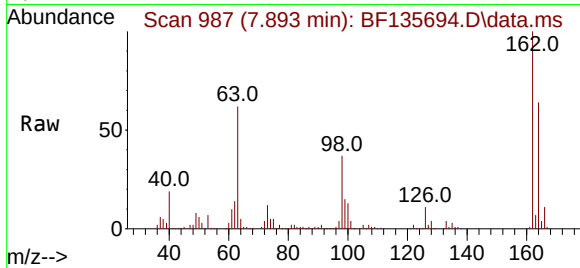
Tgt Ion:162 Resp: 218890
 Ion Ratio Lower Upper
 162 100
 164 64.3 44.1 84.1
 98 36.9 20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#30

1,2,4-Trichlorobenzene

Concen: 53.024 ng

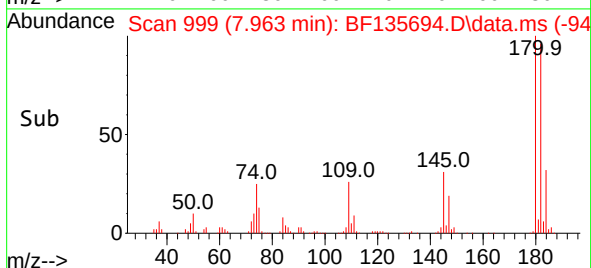
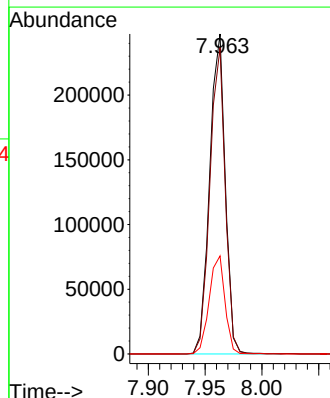
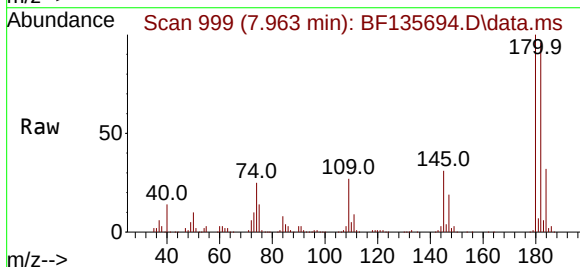
RT: 7.963 min Scan# 999

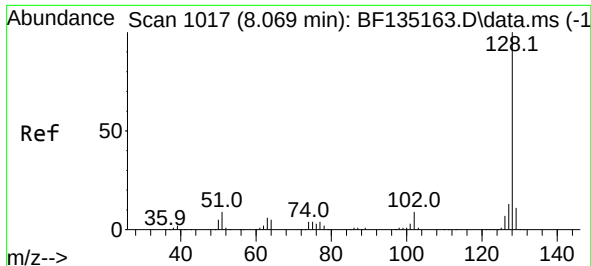
Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

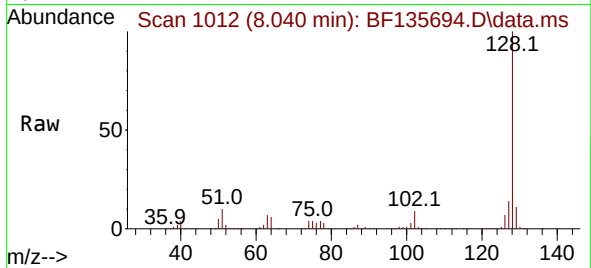
Tgt Ion:180 Resp: 235973
 Ion Ratio Lower Upper
 180 100
 182 95.7 76.9 115.3
 145 30.6 24.5 36.7





#31
Naphthalene
Concen: 50.722 ng
RT: 8.040 min Scan# 1017
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

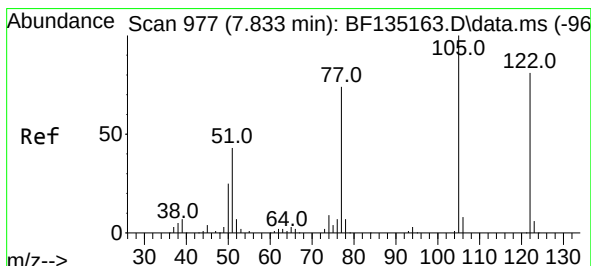
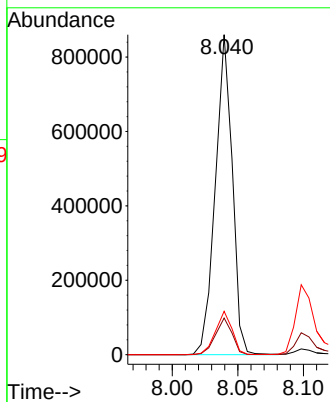
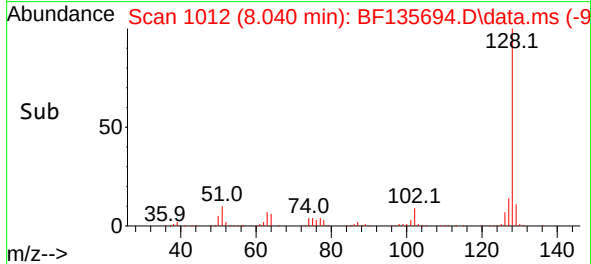
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion:128 Resp: 77157
Ion Ratio Lower Upper
128 100
129 11.4 8.7 13.1
127 13.6 10.7 16.1

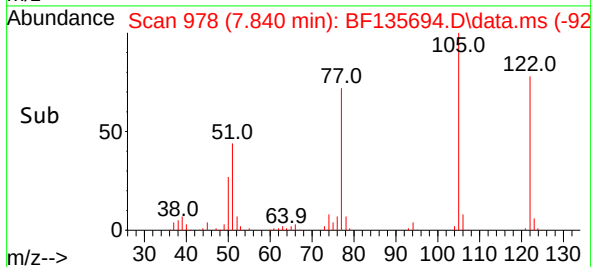
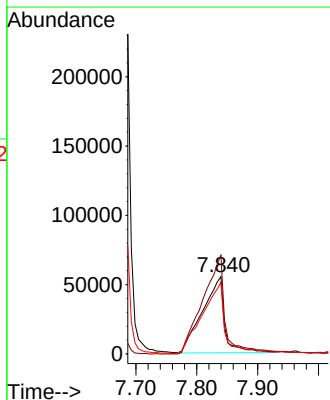
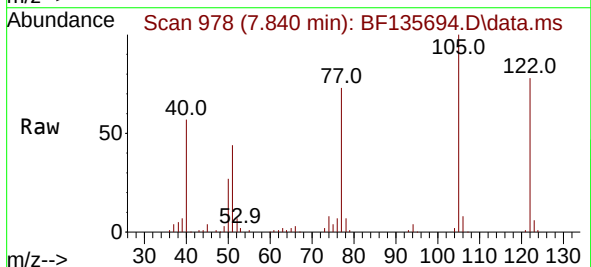
Manual Integrations
APPROVED

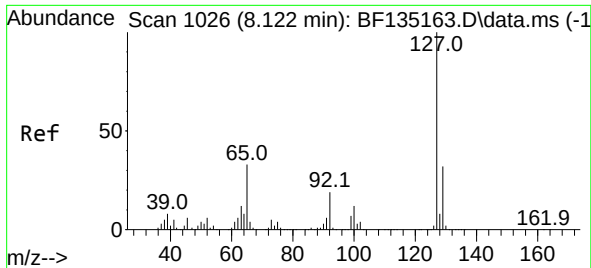
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#32
Benzoic acid
Concen: 40.450 ng
RT: 7.840 min Scan# 978
Delta R.T. 0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:122 Resp: 139960
Ion Ratio Lower Upper
122 100
105 127.5 99.9 139.9
77 92.8 70.0 110.0





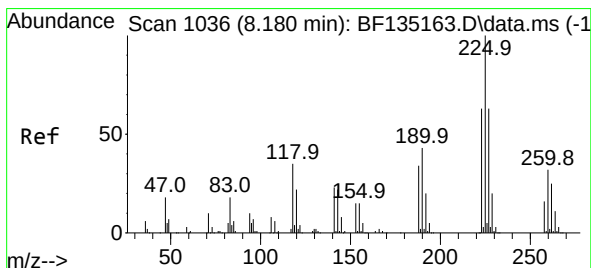
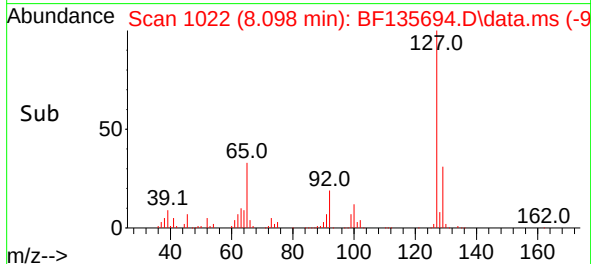
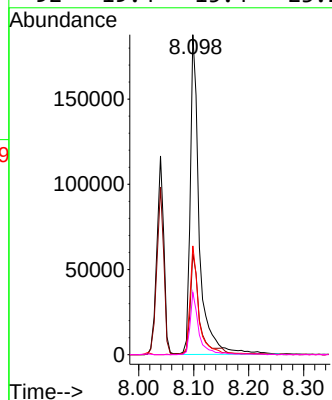
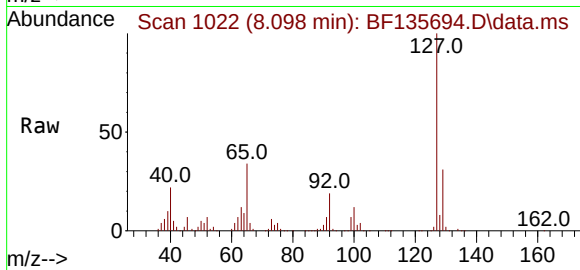
#33
4-Chloroaniline
Concen: 32.377 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Tgt Ion:	127	Resp:	21608
Ion Ratio	Lower	Upper	
127	100		
129	31.4	25.8	38.8
65	34.0	26.6	39.8
92	19.4	15.4	23.2

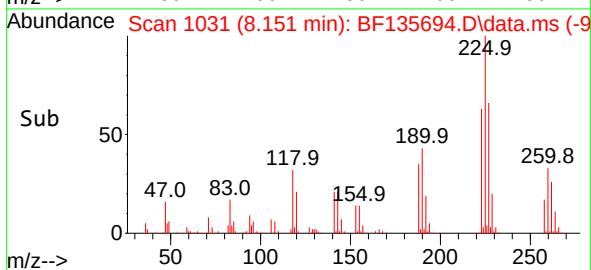
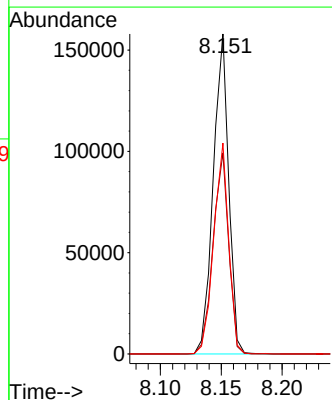
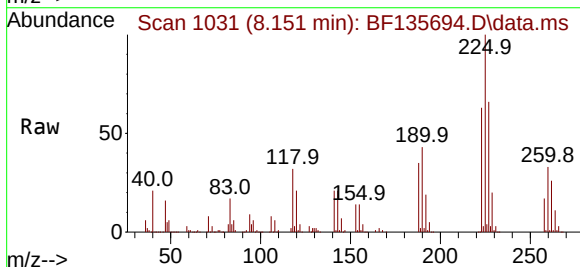
Manual Integrations
APPROVED

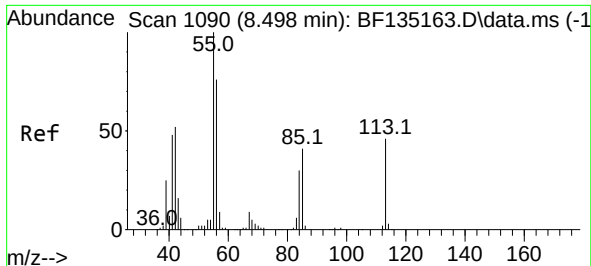
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#34
Hexachlorobutadiene
Concen: 51.776 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:	225	Resp:	138940
Ion Ratio	Lower	Upper	
225	100		
223	62.8	50.6	75.8
227	65.9	50.8	76.2





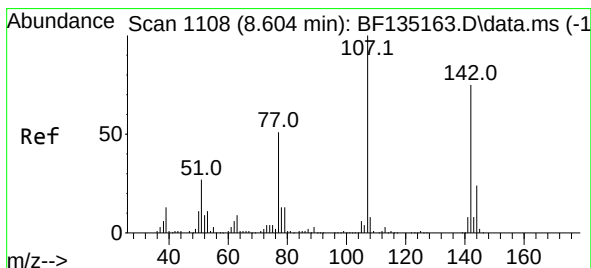
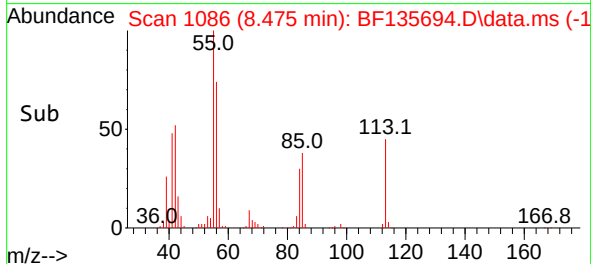
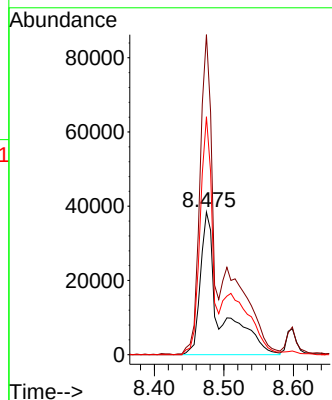
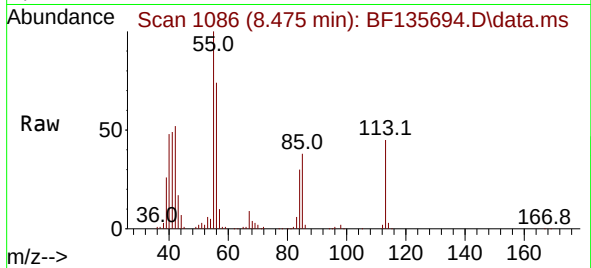
#35
 Caprolactam
 Concen: 53.180 ng m
 RT: 8.475 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF135694.D
 Acq: 10 Oct 2023 20:08

Instrument :
 BNA_F
 ClientSampleId :
 DTP-2MSD

Tgt Ion:113 Resp: 7599
 Ion Ratio Lower Upper
 113 100
 55 224.4 199.3 239.3
 56 166.8 146.3 186.3

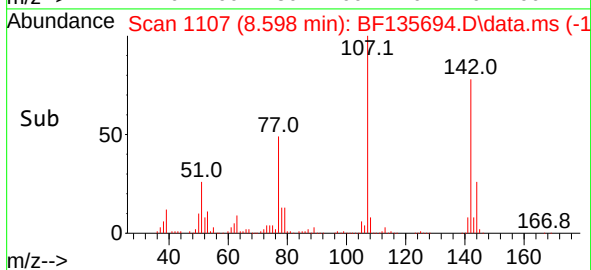
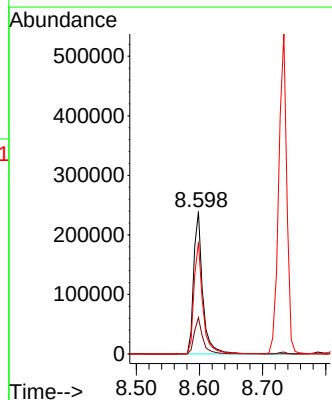
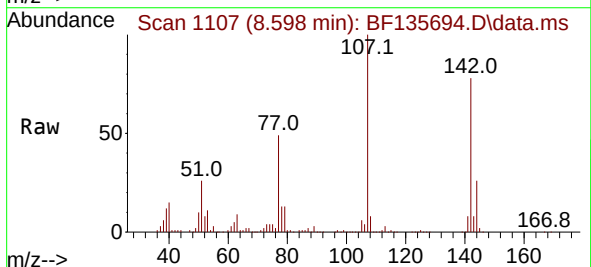
Manual Integrations
 APPROVED

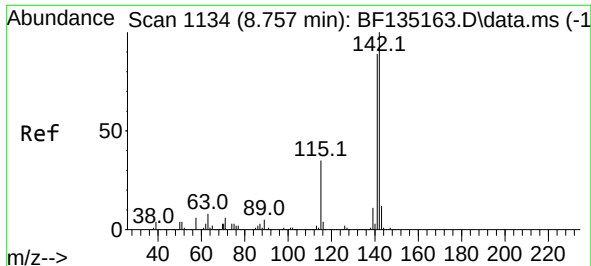
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#36
 4-Chloro-3-methylphenol
 Concen: 50.091 ng
 RT: 8.598 min Scan# 1107
 Delta R.T. 0.006 min
 Lab File: BF135694.D
 Acq: 10 Oct 2023 20:08

Tgt Ion:107 Resp: 237042
 Ion Ratio Lower Upper
 107 100
 144 25.5 19.0 28.4
 142 78.5 60.2 90.2





#37

2-Methylnaphthalene

Concen: 46.802 ng

RT: 8.734 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

Tgt Ion:142 Resp: 47856

Ion Ratio Lower Upper

142 100

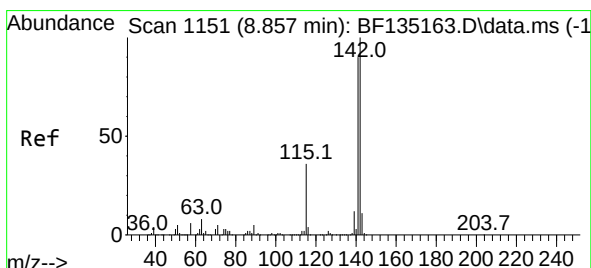
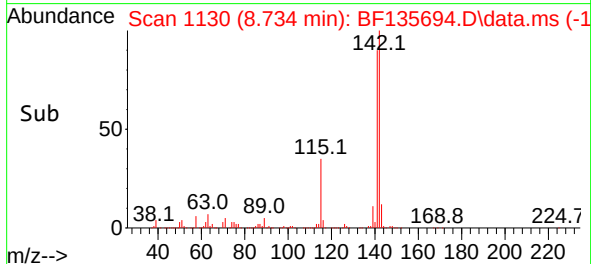
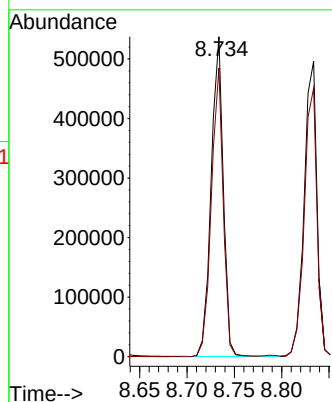
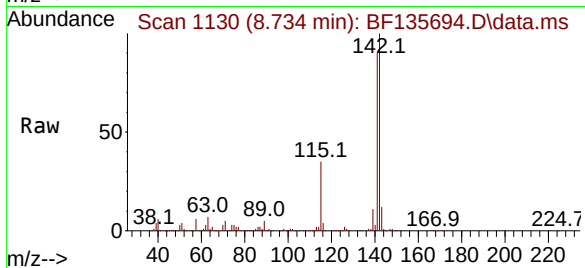
141 90.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#38

1-Methylnaphthalene

Concen: 48.742 ng

RT: 8.834 min Scan# 1147

Delta R.T. 0.000 min

Lab File: BF135694.D

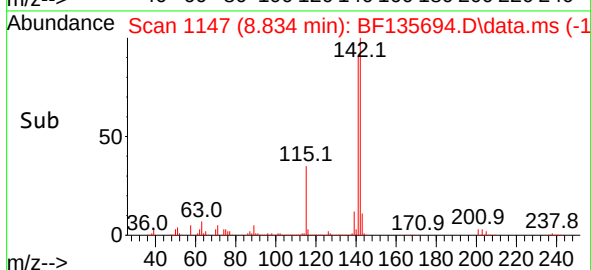
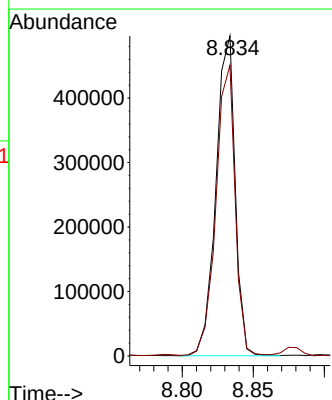
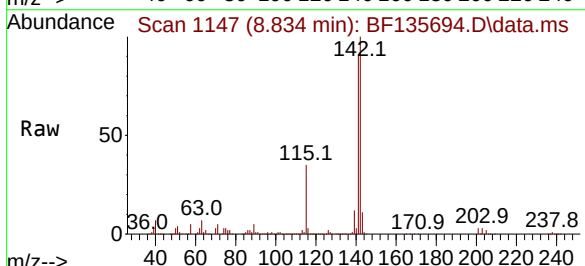
Acq: 10 Oct 2023 20:08

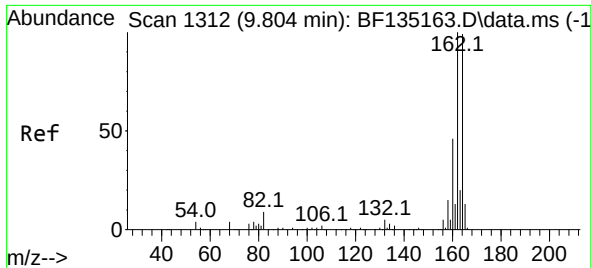
Tgt Ion:142 Resp: 466623

Ion Ratio Lower Upper

142 100

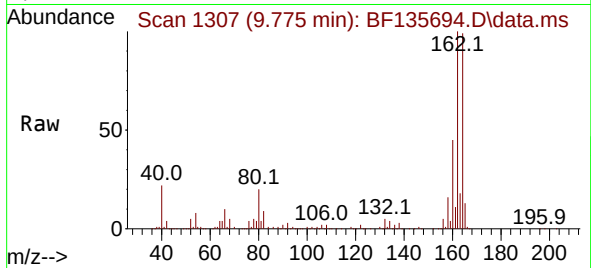
141 90.8 72.4 108.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.775 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

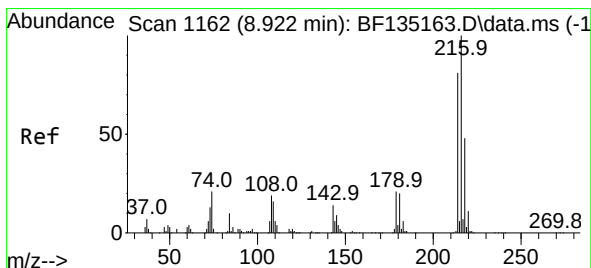
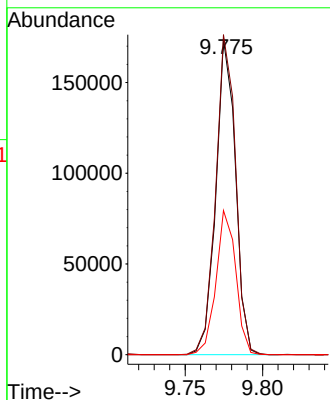
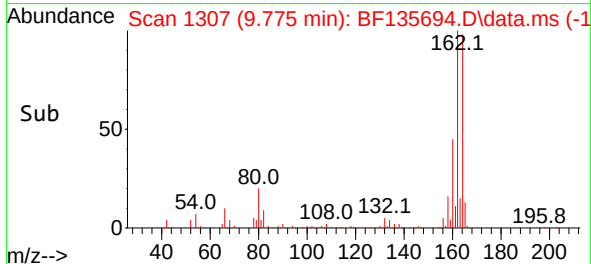
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



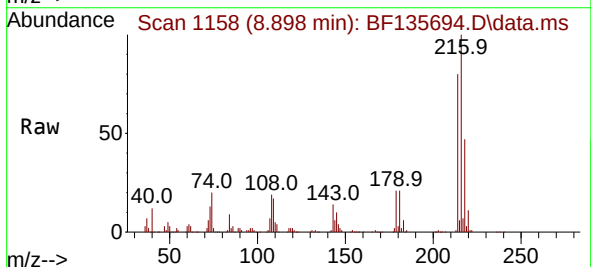
Tgt Ion:164 Resp: 152830
Ion Ratio Lower Upper
164 100
162 101.4 81.0 121.4
160 45.7 37.0 55.4

Manual Integrations
APPROVED

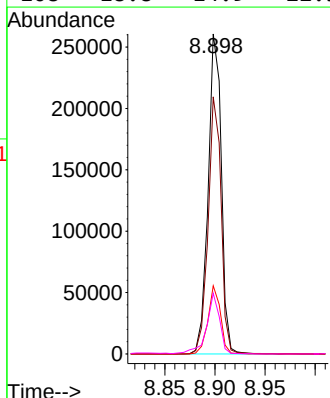
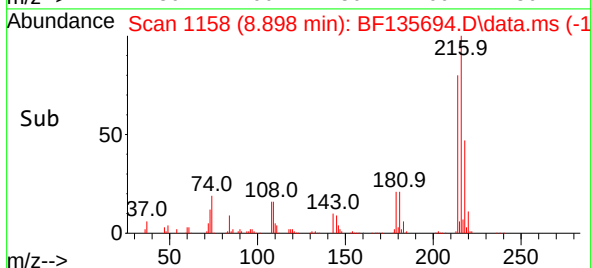
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

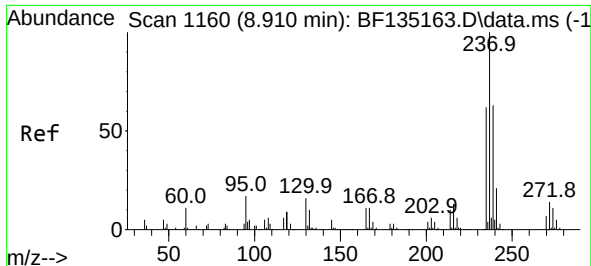


#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.857 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



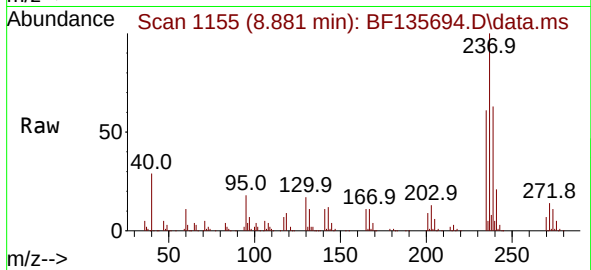
Tgt Ion:216 Resp: 238466
Ion Ratio Lower Upper
216 100
214 78.8 63.7 95.5
179 20.2 16.7 25.1
108 18.8 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 51.558 ng
RT: 8.881 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

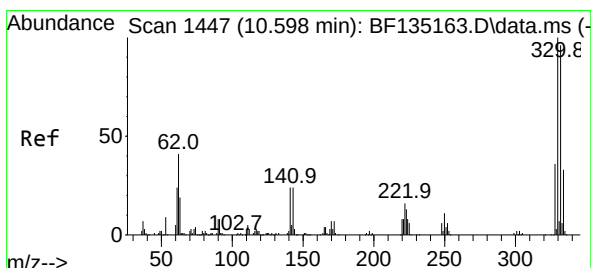
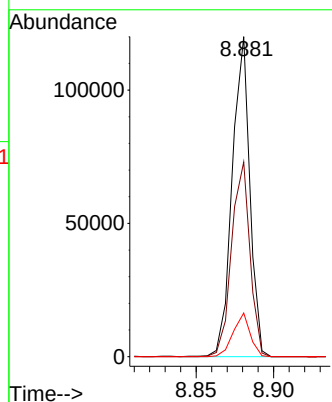
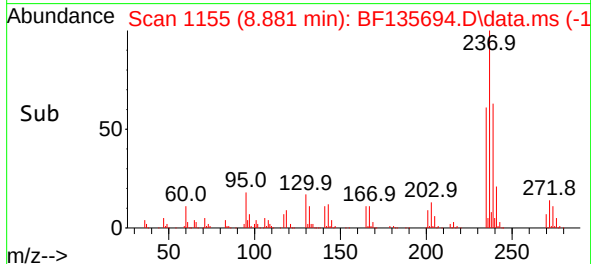
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



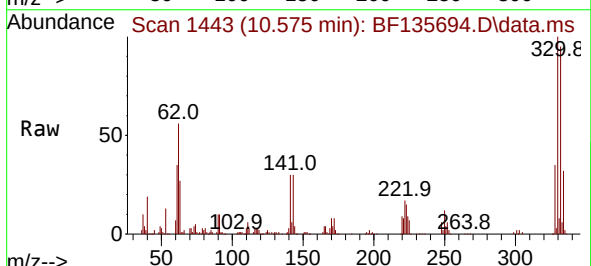
Tgt Ion: 237 Resp: 9494
Ion Ratio Lower Upper
237 100
235 60.8 41.8 81.8
272 13.7 0.0 33.6

Manual Integrations
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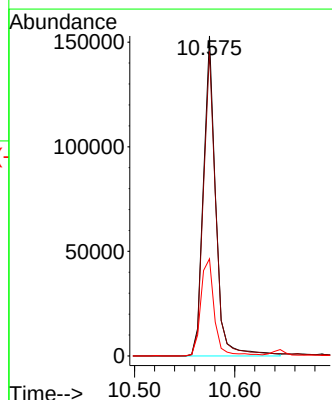
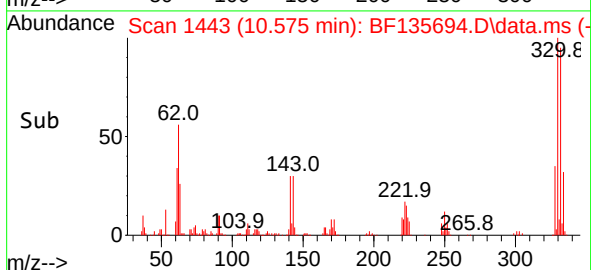
Reviewed By : Yogesh Patel 10/11/2023
Supervised By : mohammad ahmed 10/12/2023

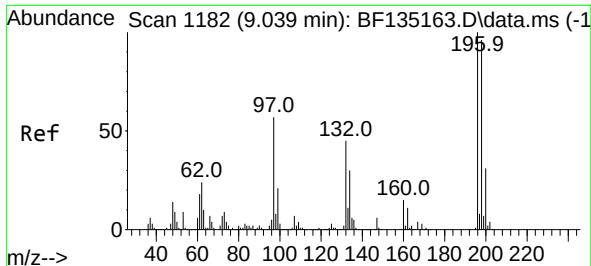


#42
2,4,6-Tribromophenol
Concen: 86.189 ng
RT: 10.575 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion: 330 Resp: 130906
Ion Ratio Lower Upper
330 100
332 97.6 77.3 115.9
141 33.8 25.8 38.8





#43

2,4,6-Trichlorophenol

Concen: 49.338 ng

RT: 9.022 min Scan# 1182

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

Tgt Ion:196 Resp: 14303

Ion Ratio Lower Upper

196 100

198 93.2 77.0 115.6

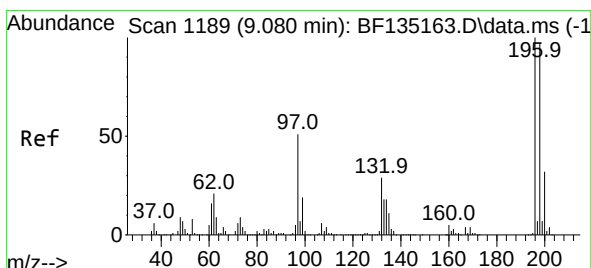
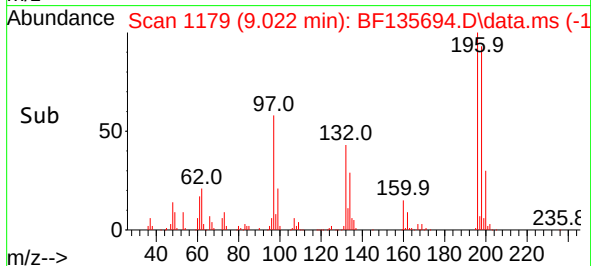
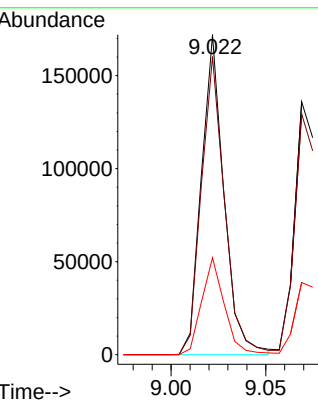
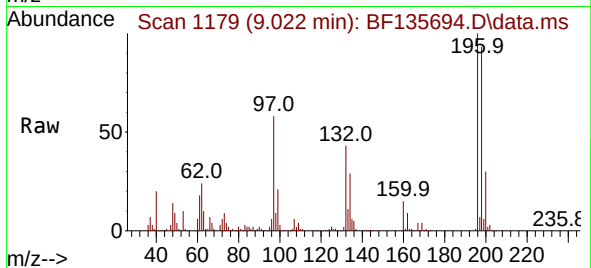
200 30.3 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#44

2,4,5-Trichlorophenol

Concen: 46.123 ng

RT: 9.069 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Tgt Ion:196 Resp: 153985

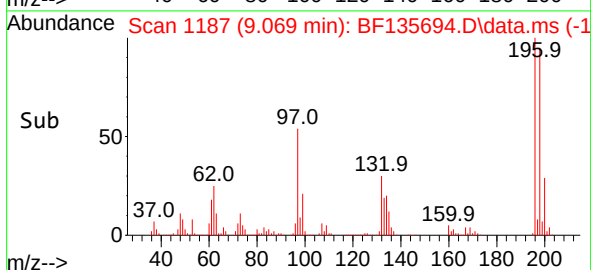
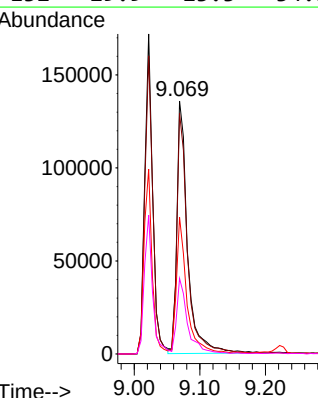
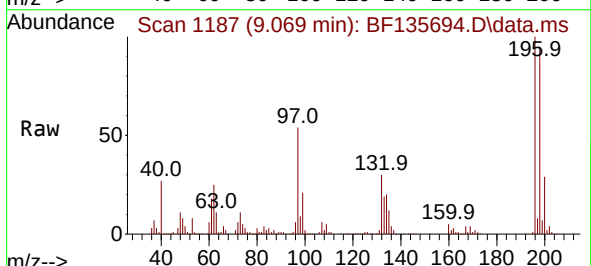
Ion Ratio Lower Upper

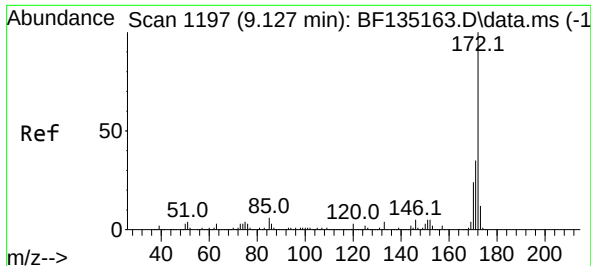
196 100

198 95.2 77.5 116.3

97 54.0 40.5 60.7

132 29.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 59.879 ng

RT: 9.098 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

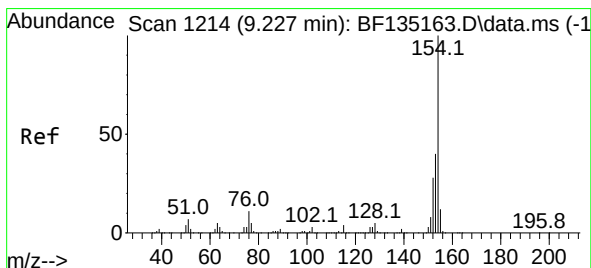
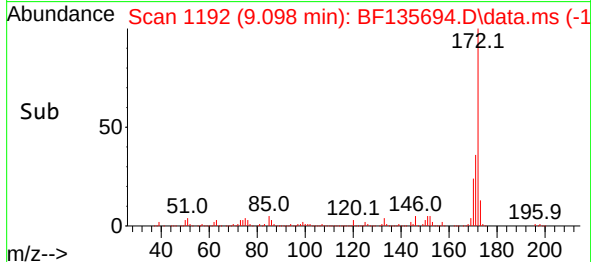
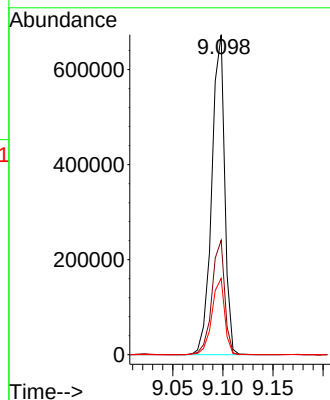
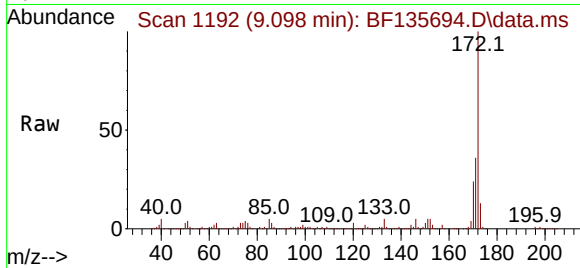
Tgt Ion:172	Resp: 606584
Ion Ratio	Lower Upper
172	100
171	35.7 28.4 42.6
170	23.9 19.0 28.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#46

1,1'-Biphenyl

Concen: 51.788 ng

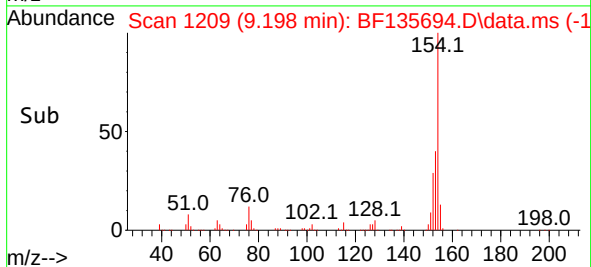
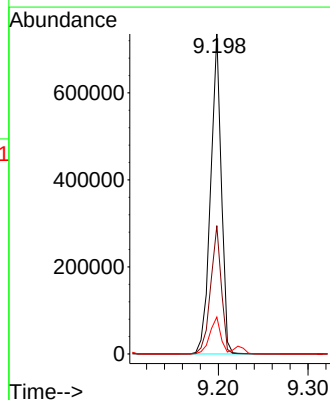
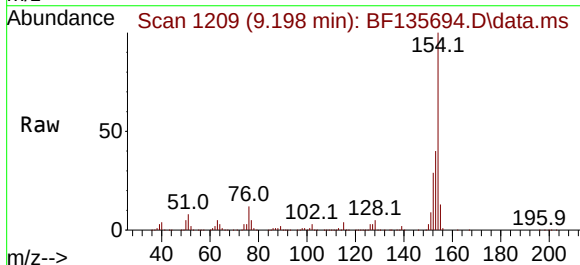
RT: 9.198 min Scan# 1209

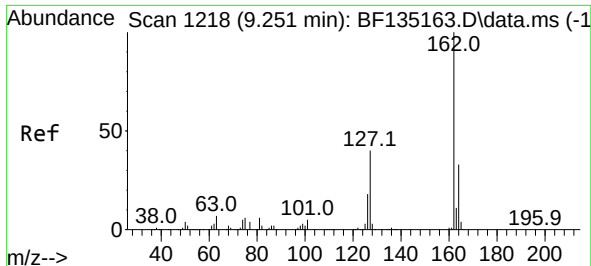
Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

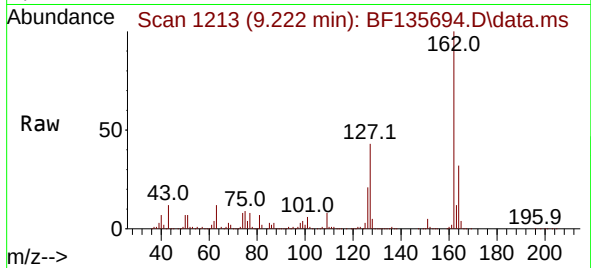
Tgt Ion:154	Resp: 608261
Ion Ratio	Lower Upper
154	100
153	40.1 19.6 59.6
76	11.6 0.0 31.0





#47
2-Chloronaphthalene
Concen: 52.256 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

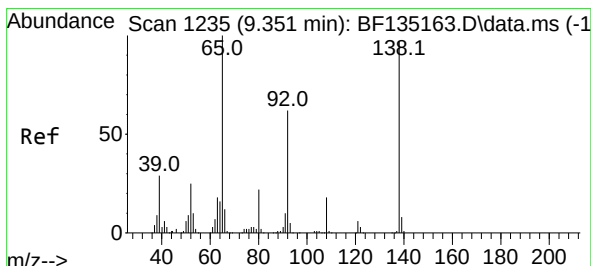
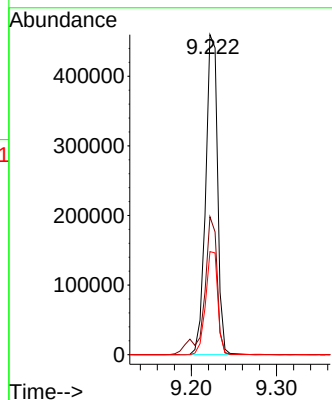
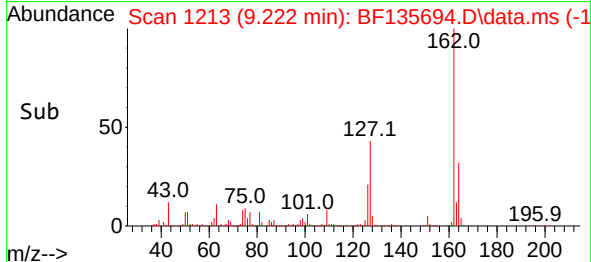
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion:162 Resp: 44532
Ion Ratio Lower Upper
162 100
127 43.1 32.6 48.8
164 32.2 26.2 39.2

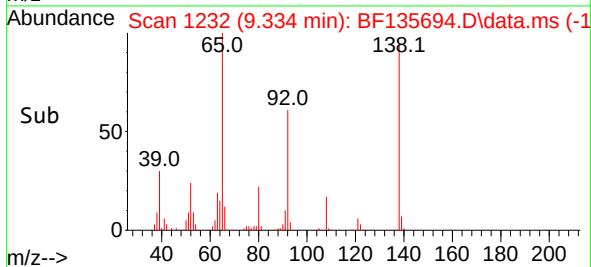
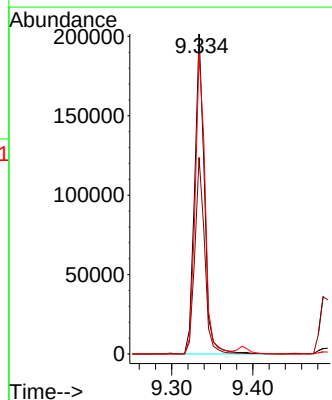
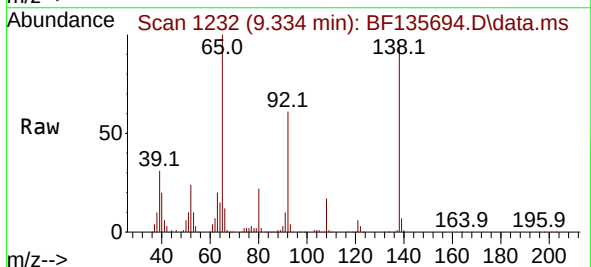
Manual Integrations
APPROVED

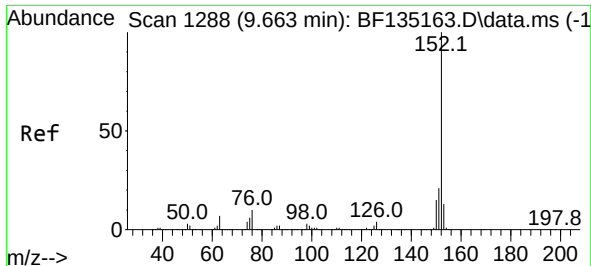
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#48
2-Nitroaniline
Concen: 51.288 ng
RT: 9.334 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

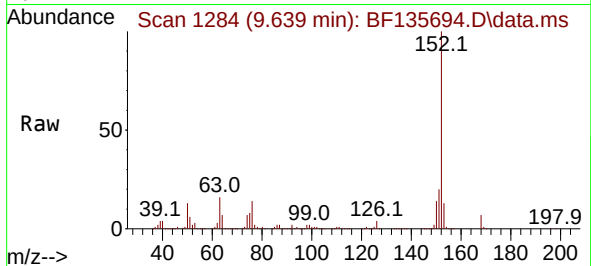
Tgt Ion: 65 Resp: 169800
Ion Ratio Lower Upper
65 100
92 61.4 49.4 74.0
138 93.7 77.4 116.0





#49
Acenaphthylene
Concen: 52.334 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

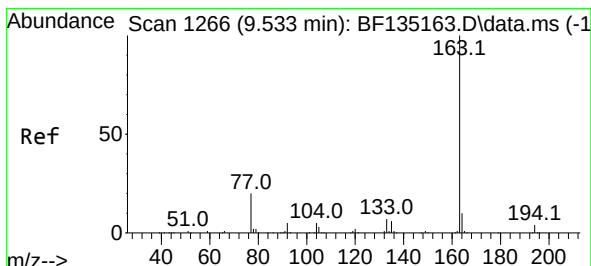
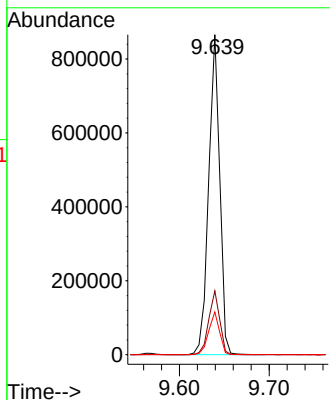
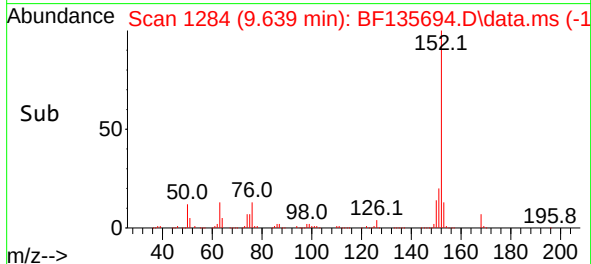
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



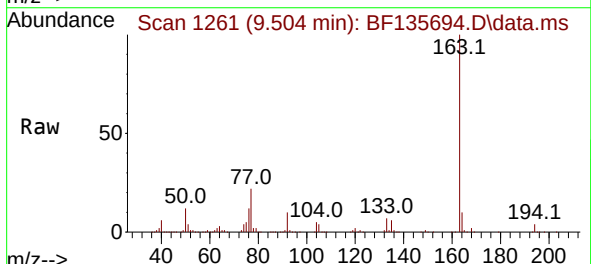
Tgt Ion:152 Resp: 741192
Ion Ratio Lower Upper
152 100
151 20.0 16.4 24.6
153 13.3 10.4 15.6

Manual Integrations
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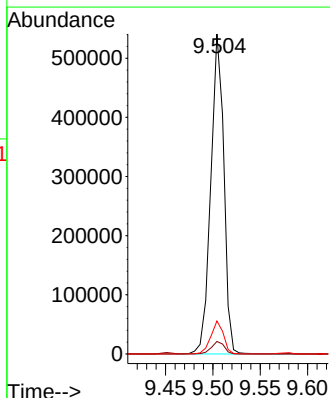
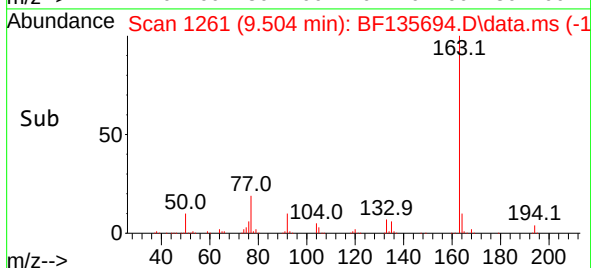
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

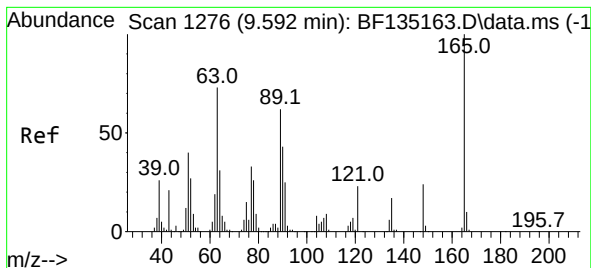


#50
Dimethylphthalate
Concen: 50.014 ng
RT: 9.504 min Scan# 1261
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:163 Resp: 516812
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.3 8.1 12.1





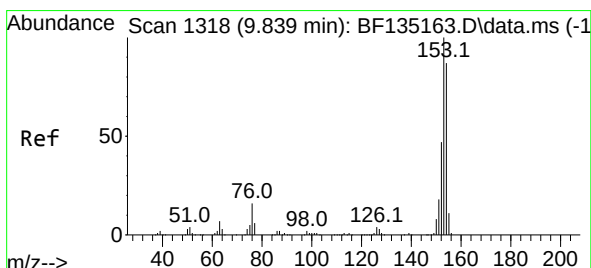
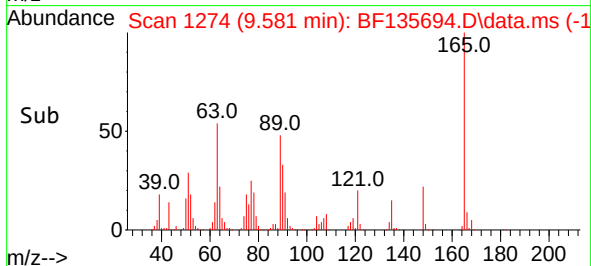
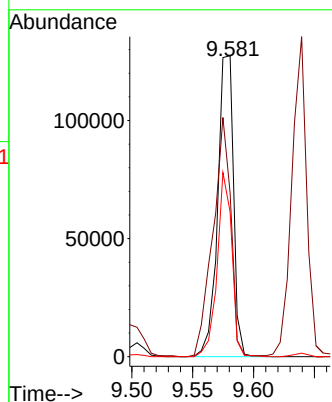
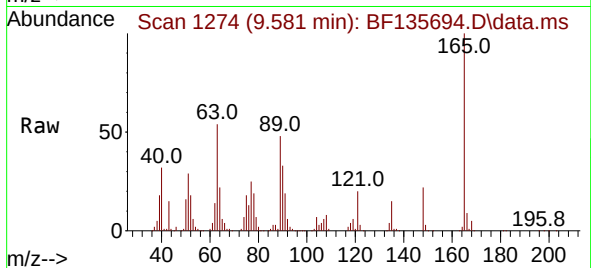
#51
2,6-Dinitrotoluene
Concen: 51.042 ng
RT: 9.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Tgt Ion:165 Resp: 11554
Ion Ratio Lower Upper
165 100
63 54.4 59.4 89.2
89 48.0 49.8 74.8

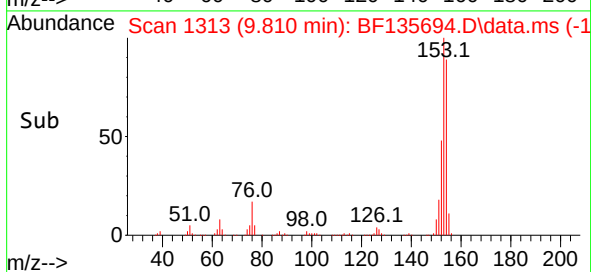
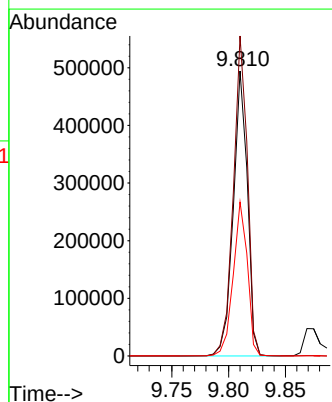
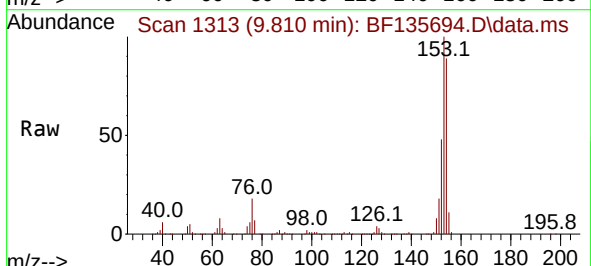
Manual Integrations
APPROVED

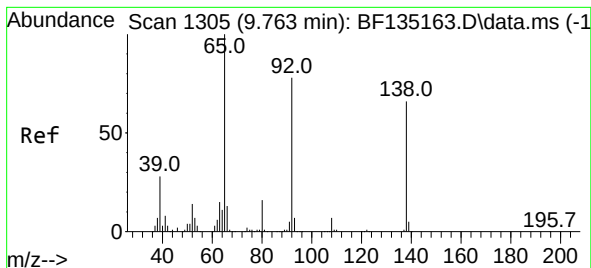
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#52
Acenaphthene
Concen: 50.933 ng
RT: 9.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:154 Resp: 426132
Ion Ratio Lower Upper
154 100
153 112.3 92.1 138.1
152 54.0 43.1 64.7





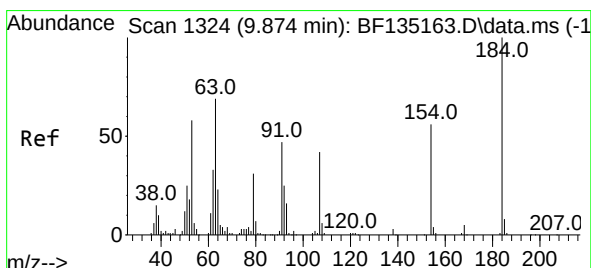
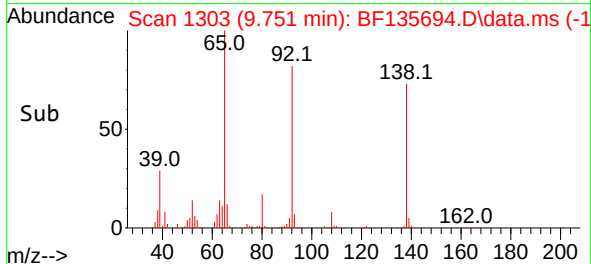
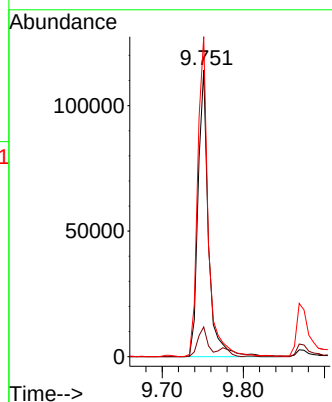
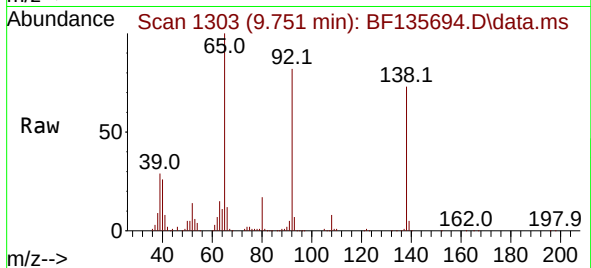
#53
3-Nitroaniline
Concen: 38.462 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Tgt Ion:138 Resp: 10220
Ion Ratio Lower Upper
138 100
108 10.4 8.5 12.7
92 111.7 95.4 143.0

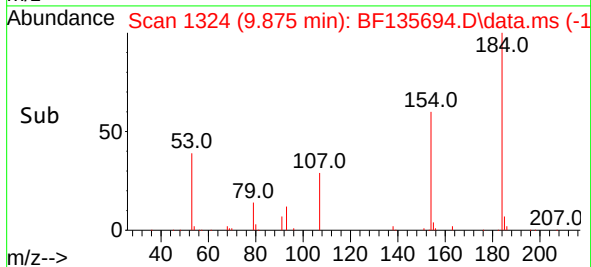
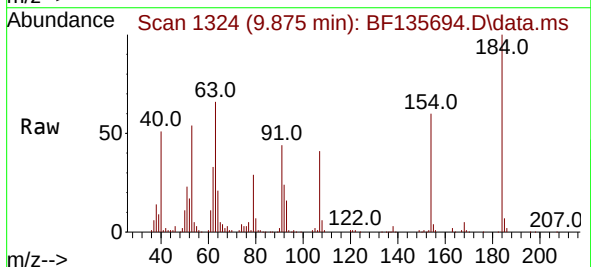
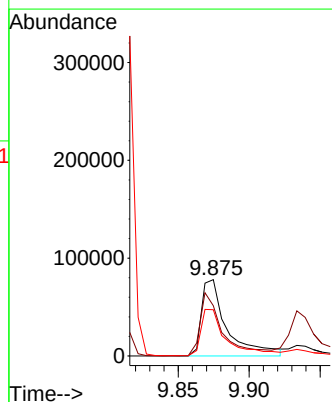
Manual Integrations
APPROVED

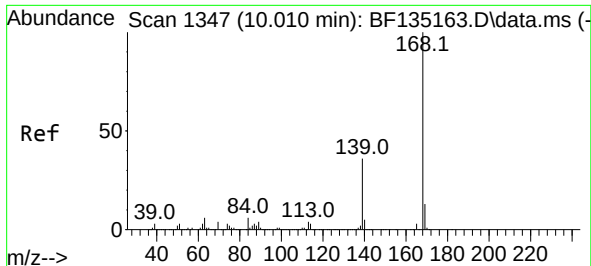
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#54
2,4-Dinitrophenol
Concen: 76.545 ng
RT: 9.875 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Tgt Ion:184 Resp: 97990
Ion Ratio Lower Upper
184 100
63 65.7 55.1 82.7
154 60.5 48.4 72.6





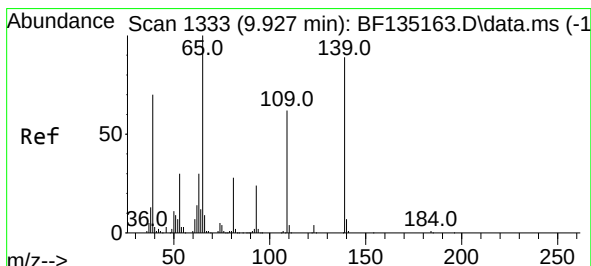
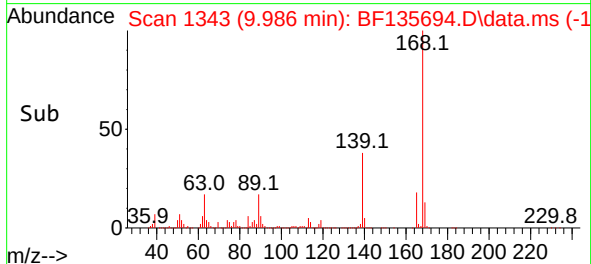
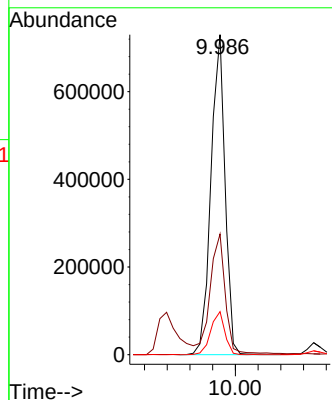
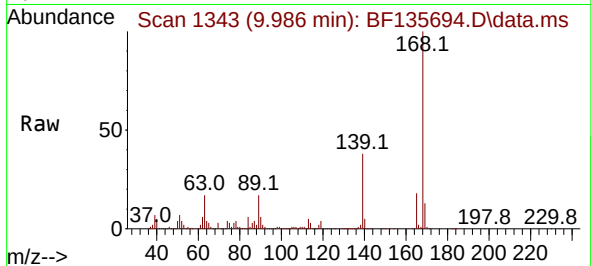
#55
Dibenzenofuran
Concen: 49.101 ng
RT: 9.986 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Tgt Ion:168 Resp: 626878
Ion Ratio Lower Upper
168 100
139 37.7 29.0 43.6
169 13.5 10.4 15.6

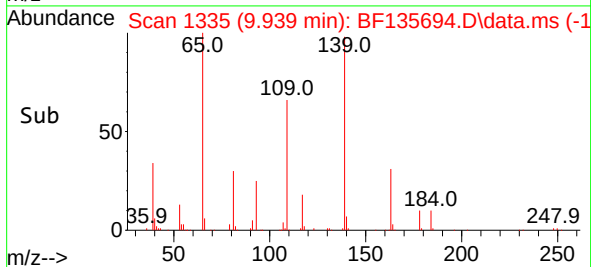
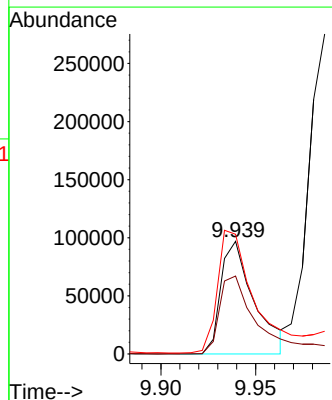
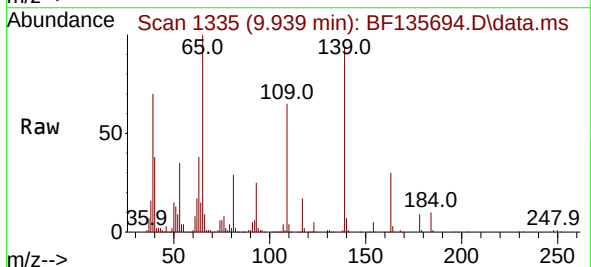
Manual Integrations
APPROVED

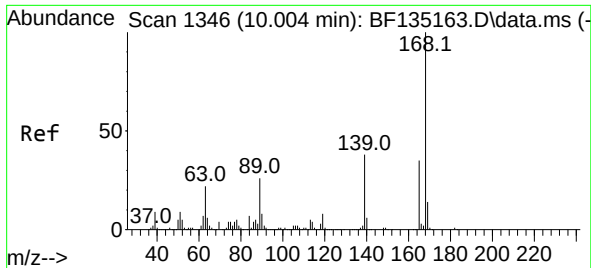
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#56
4-Nitrophenol
Concen: 70.062 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

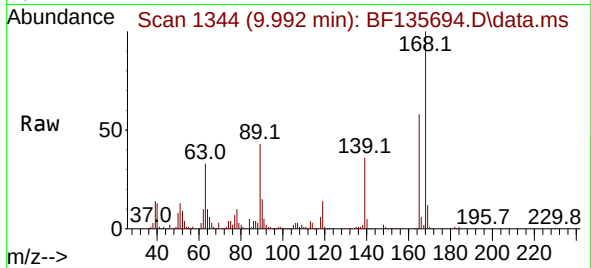
Tgt Ion:139 Resp: 118319
Ion Ratio Lower Upper
139 100
109 69.3 49.8 89.8
65 106.3 92.7 132.7





#57
2,4-Dinitrotoluene
Concen: 49.762 ng
RT: 9.992 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

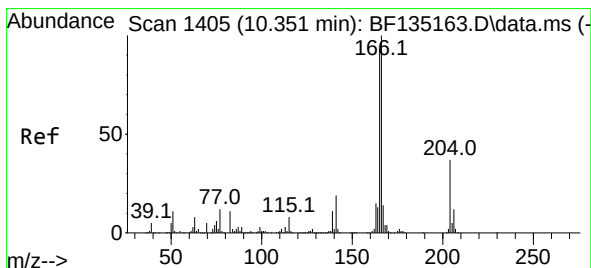
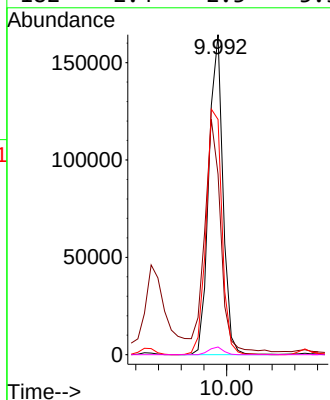
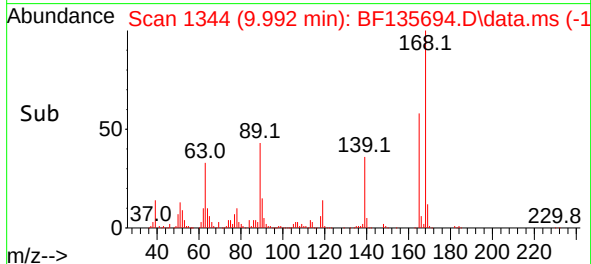
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion:165 Resp: 14102
Ion Ratio Lower Upper
165 100
63 56.4 50.1 75.1
89 73.5 59.3 88.9
182 2.4 2.3 3.5

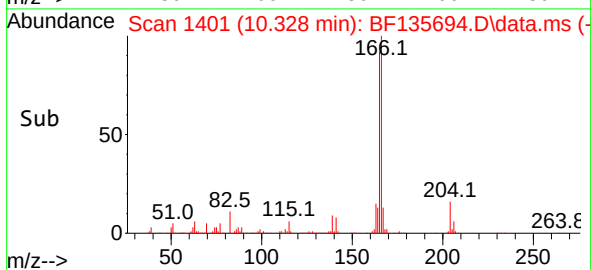
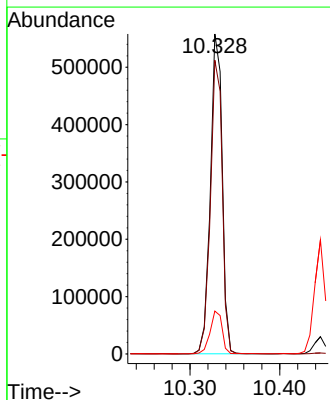
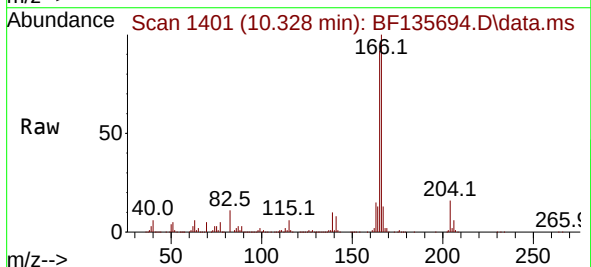
Manual Integrations
APPROVED

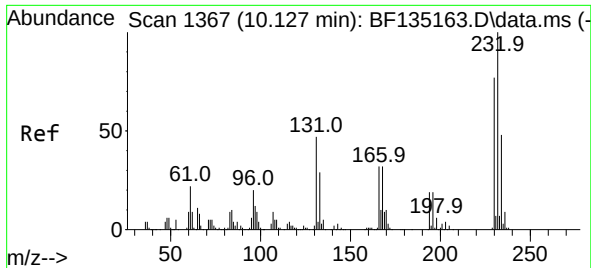
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#58
Fluorene
Concen: 51.938 ng
RT: 10.328 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

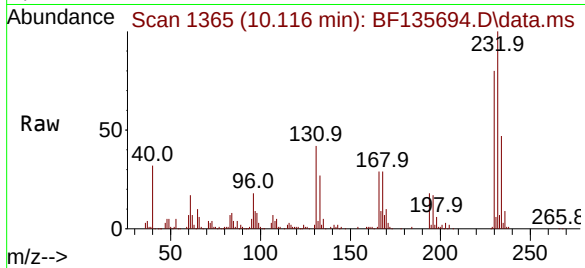
Tgt Ion:166 Resp: 509768
Ion Ratio Lower Upper
166 100
165 91.8 74.3 111.5
167 13.4 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.292 ng
RT: 10.116 min Scan# 116318
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

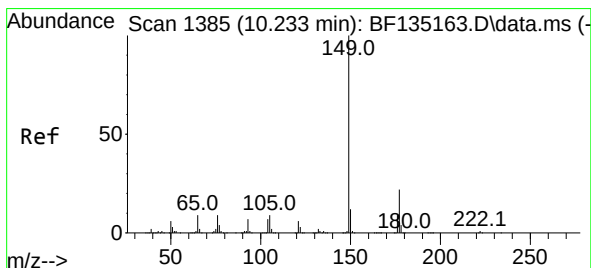
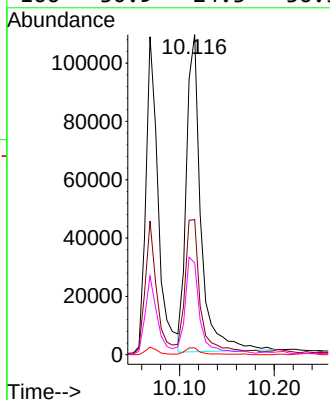
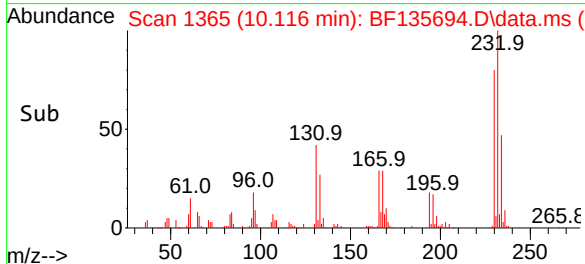
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



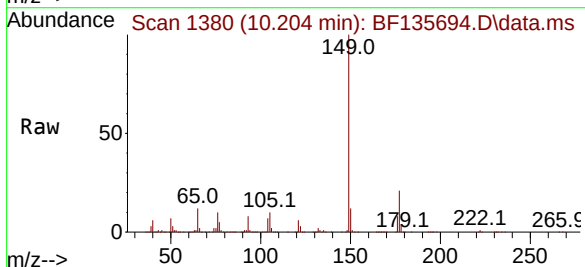
Tgt Ion:232 Resp: 116318
Ion Ratio Lower Upper
232 100
131 44.3 35.4 53.2
130 2.6 1.8 2.8
166 30.9 24.3 36.5

Manual Integrations
APPROVED

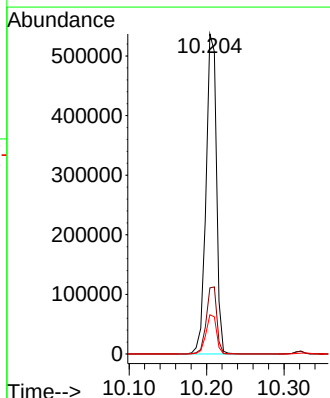
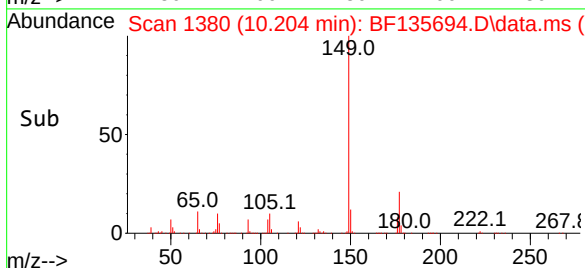
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

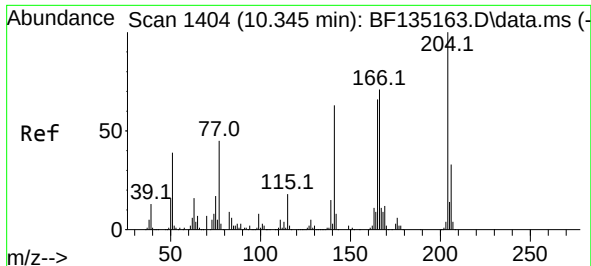


#60
Diethylphthalate
Concen: 48.359 ng
RT: 10.204 min Scan# 1380
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



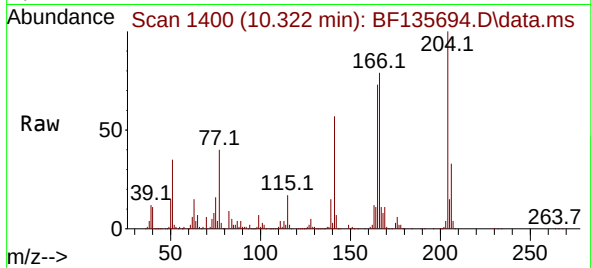
Tgt Ion:149 Resp: 501499
Ion Ratio Lower Upper
149 100
177 20.7 17.8 26.6
150 12.2 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 49.691 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

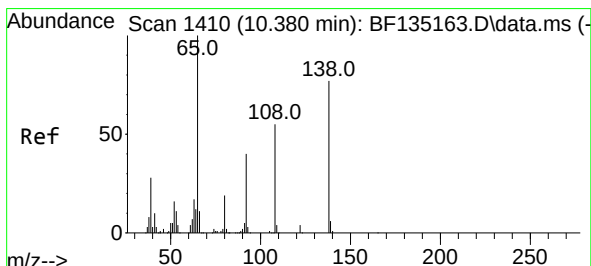
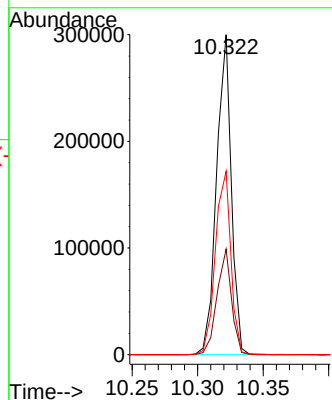
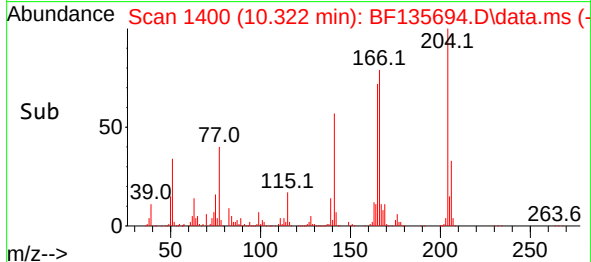
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



Tgt Ion:204 Resp: 23428
Ion Ratio Lower Upper
204 100
206 33.0 26.7 40.1
141 57.3 50.6 75.8

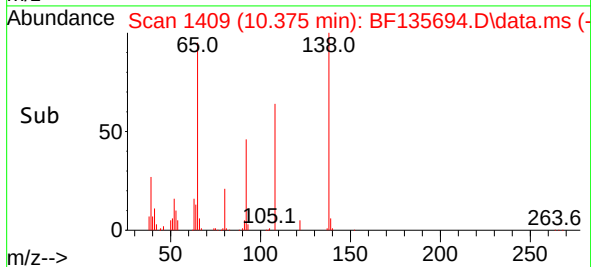
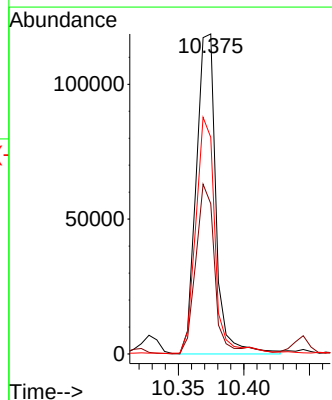
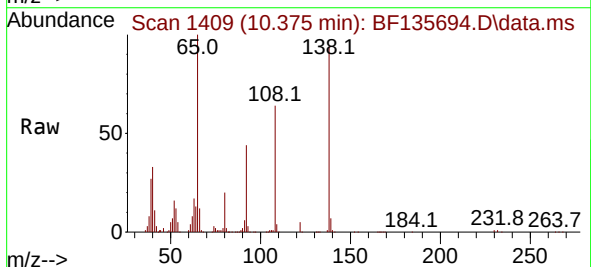
Manual Integrations
APPROVED

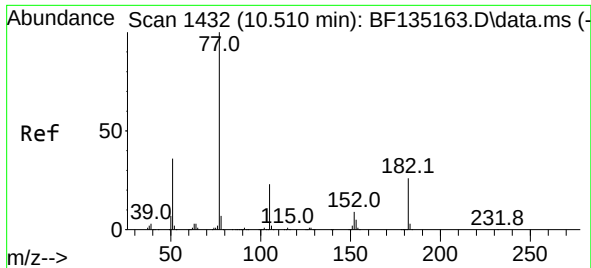
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#62
4-Nitroaniline
Concen: 48.703 ng
RT: 10.375 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

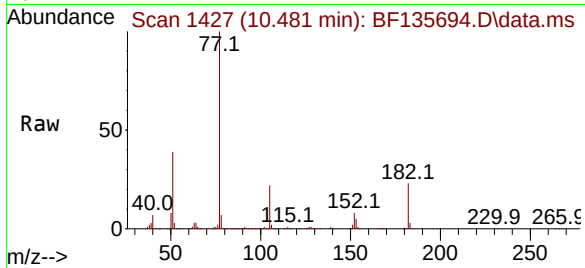
Tgt Ion:138 Resp: 124396
Ion Ratio Lower Upper
138 100
92 47.0 31.8 71.8
108 67.7 52.0 92.0





#63
Azobenzene
Concen: 50.464 ng
RT: 10.481 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

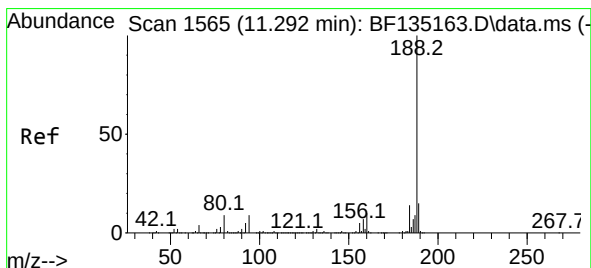
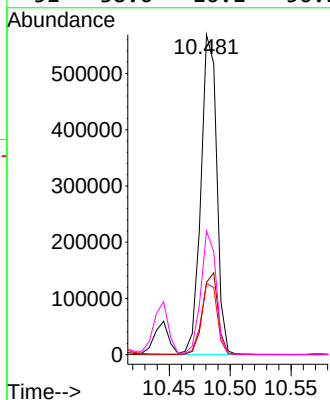
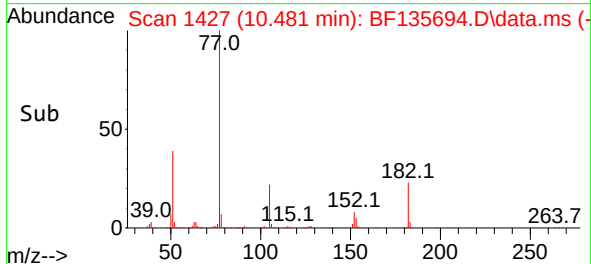
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



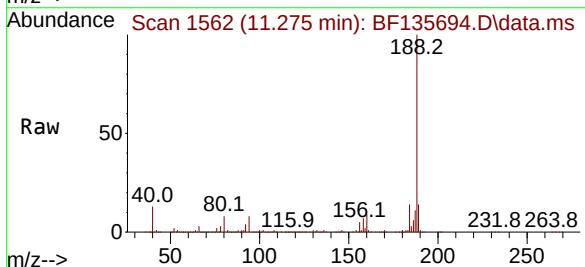
Tgt Ion: 77 Resp: 51217
Ion Ratio Lower Upper
77 100
182 22.6 6.4 46.4
105 22.2 3.1 43.1
51 38.6 16.1 56.1

Manual Integrations
APPROVED

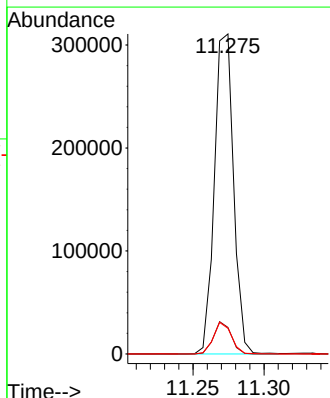
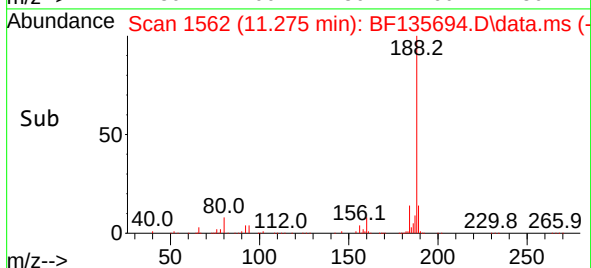
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

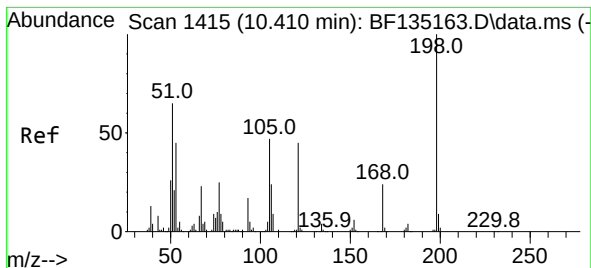


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.275 min Scan# 1562
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



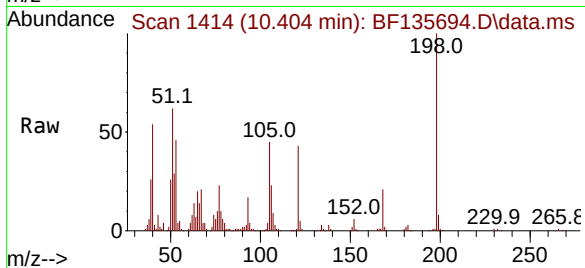
Tgt Ion:188 Resp: 291105
Ion Ratio Lower Upper
188 100
94 8.3 7.0 10.6
80 8.0 7.5 11.3





#65
4,6-Dinitro-2-methylphenol
Concen: 47.777 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

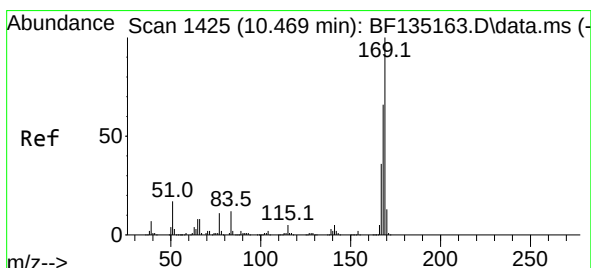
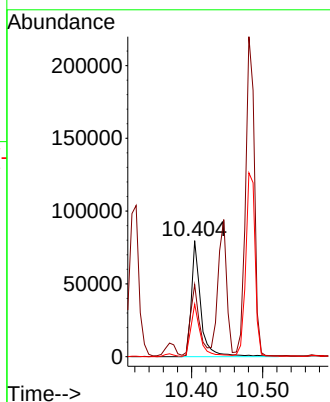
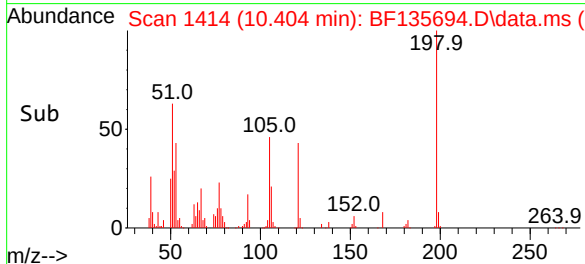
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



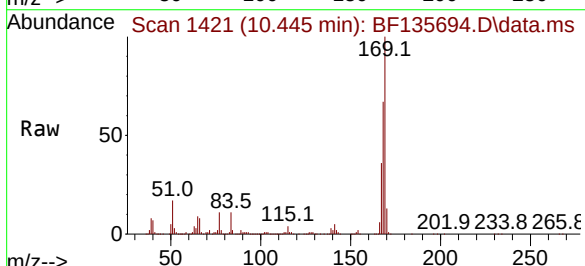
Tgt Ion:198 Resp: 73870
Ion Ratio Lower Upper
198 100
51 62.0 47.7 87.7
105 45.2 27.4 67.4

Manual Integrations
APPROVED

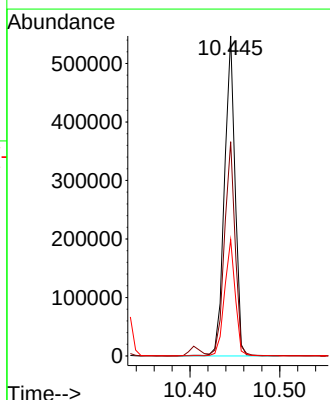
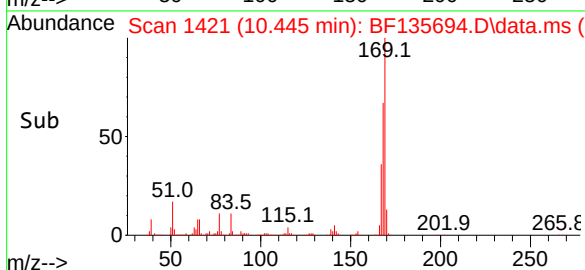
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

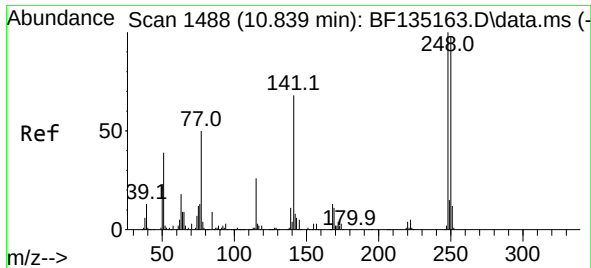


#66
n-Nitrosodiphenylamine
Concen: 50.984 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



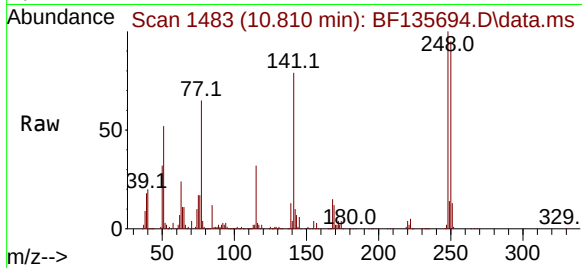
Tgt Ion:169 Resp: 449325
Ion Ratio Lower Upper
169 100
168 67.0 52.8 79.2
167 36.4 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 50.356 ng
RT: 10.810 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

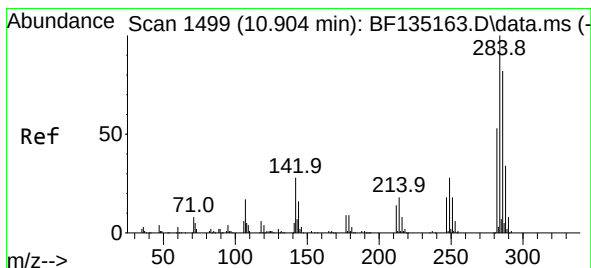
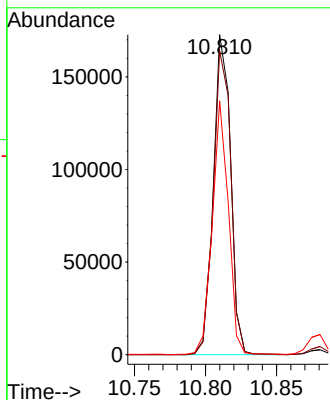
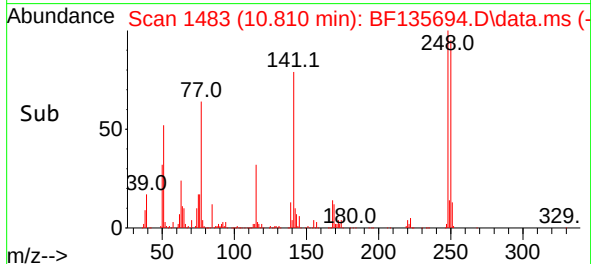
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



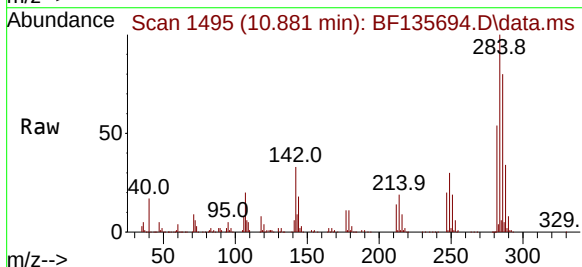
Tgt Ion:248 Resp: 145794
Ion Ratio Lower Upper
248 100
250 94.9 78.6 117.8
141 79.3 54.2 81.2

Manual Integrations
APPROVED

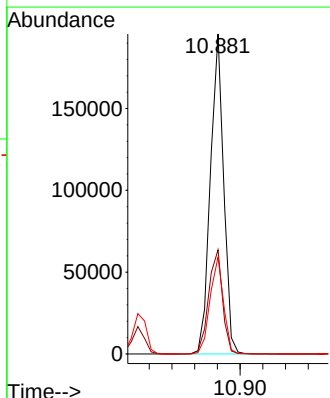
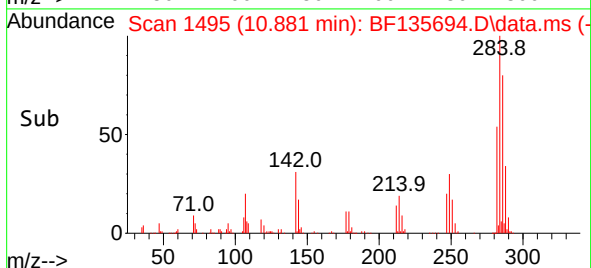
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

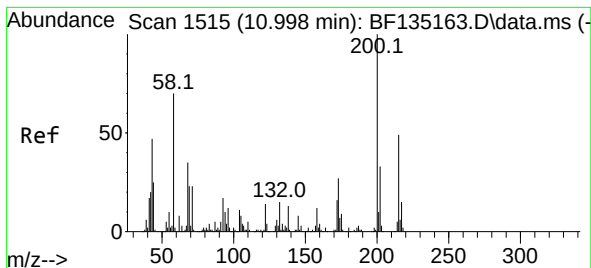


#68
Hexachlorobenzene
Concen: 53.816 ng
RT: 10.881 min Scan# 1495
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:284 Resp: 158737
Ion Ratio Lower Upper
284 100
142 32.6 22.2 33.4
249 30.3 22.5 33.7





#69

Atrazine

Concen: 59.229 ng

RT: 10.981 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF135694.D

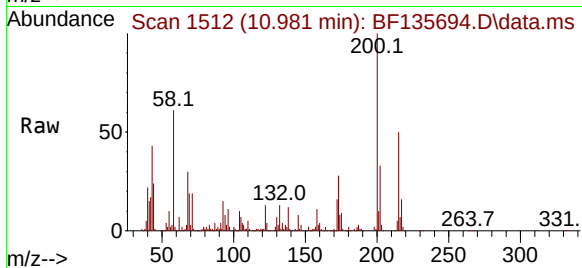
Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD



Tgt Ion:200 Resp: 140454

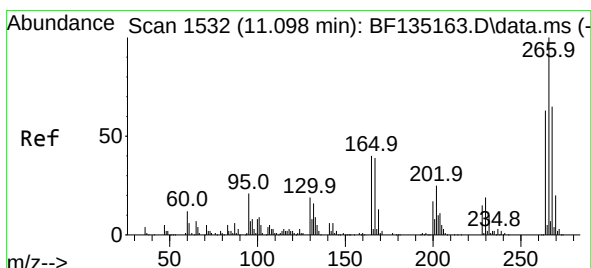
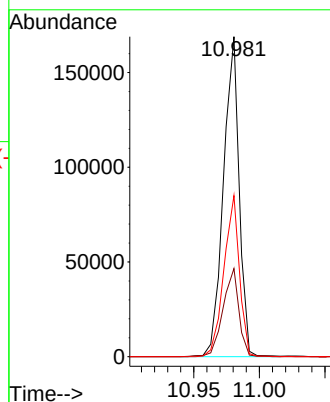
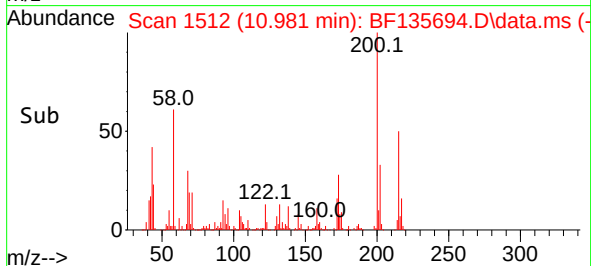
Ion	Ratio	Lower	Upper
200	100		
173	27.5	7.4	47.4
215	50.3	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#70

Pentachlorophenol

Concen: 62.945 ng

RT: 11.086 min Scan# 1530

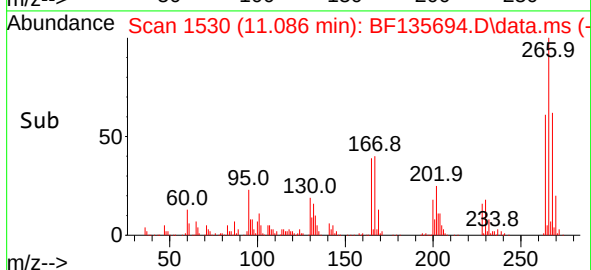
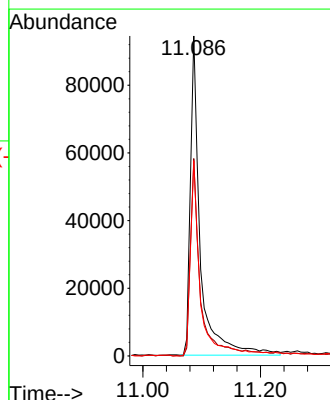
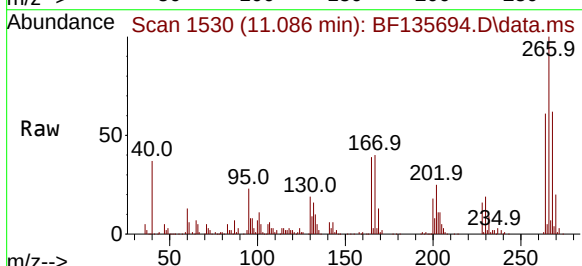
Delta R.T. 0.000 min

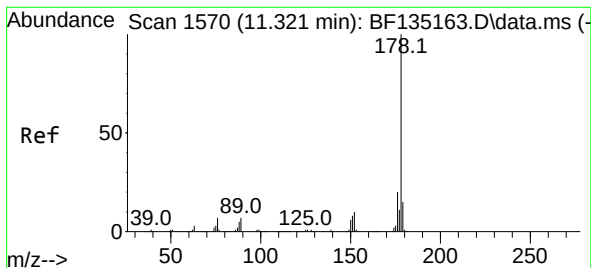
Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Tgt Ion:266 Resp: 111081

Ion	Ratio	Lower	Upper
266	100		
268	61.7	52.1	78.1
264	61.0	50.8	76.2





#71

Phenanthrene

Concen: 51.875 ng

RT: 11.298 min Scan# 1566

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

Tgt Ion:178 Resp: 714220

Ion Ratio Lower Upper

178 100

176 19.6 15.6 23.4

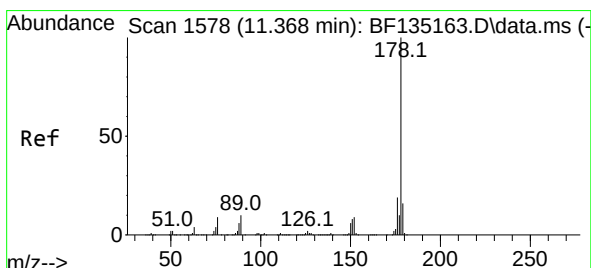
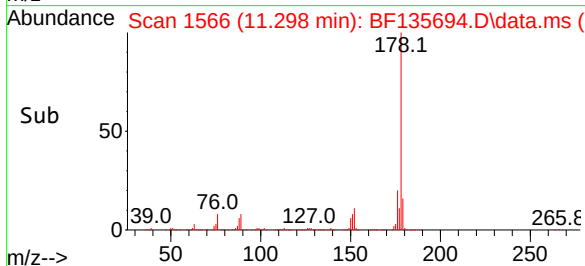
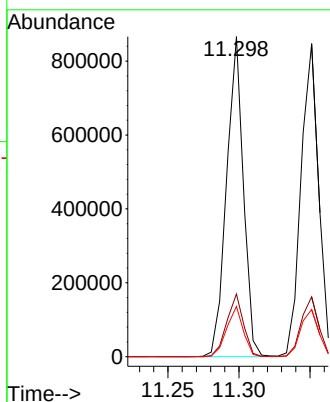
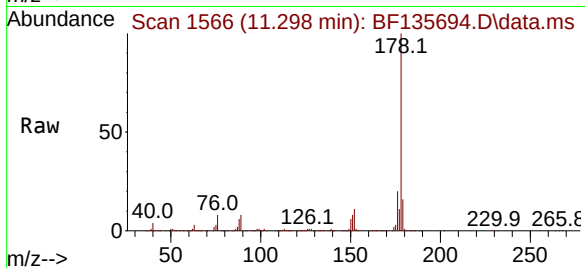
179 15.7 12.0 18.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#72

Anthracene

Concen: 51.762 ng

RT: 11.351 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

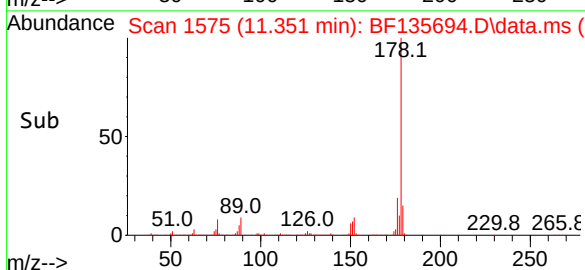
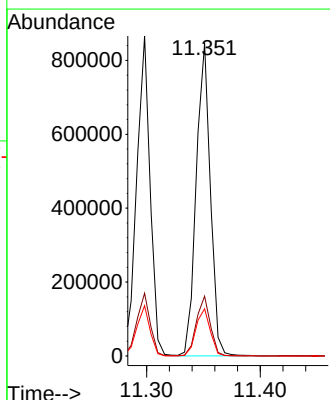
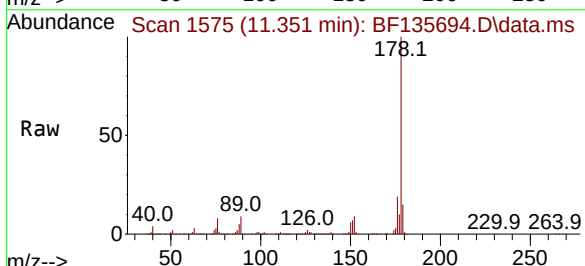
Tgt Ion:178 Resp: 732534

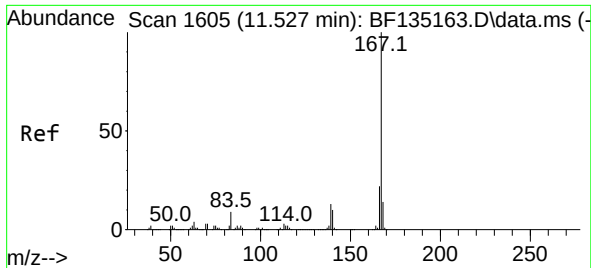
Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

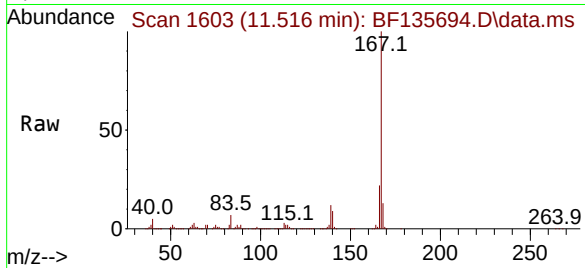
179 15.1 12.6 19.0





#73
 Carbazole
 Concen: 54.068 ng
 RT: 11.516 min Scan# 1603
 Delta R.T. 0.000 min
 Lab File: BF135694.D
 Acq: 10 Oct 2023 20:08

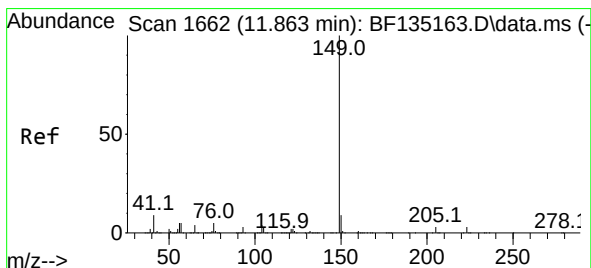
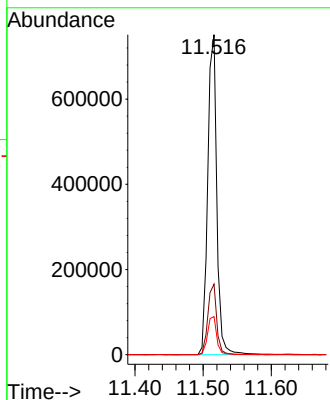
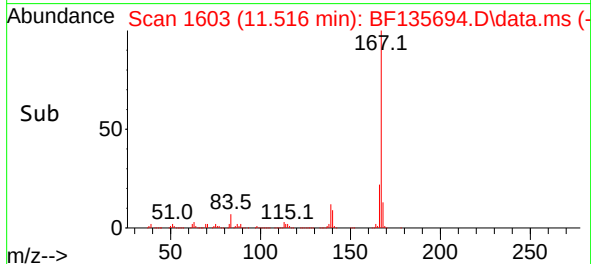
Instrument :
 BNA_F
 ClientSampleId :
 DTP-2MSD



Tgt Ion:167 Resp: 696550
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.4 26.0
 139 11.9 10.6 15.8

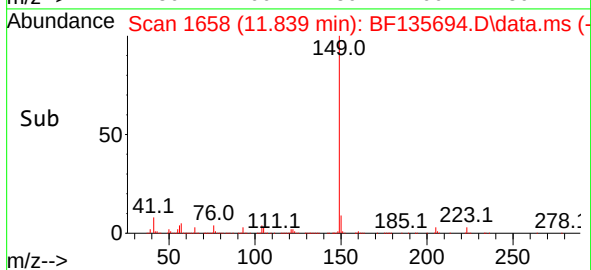
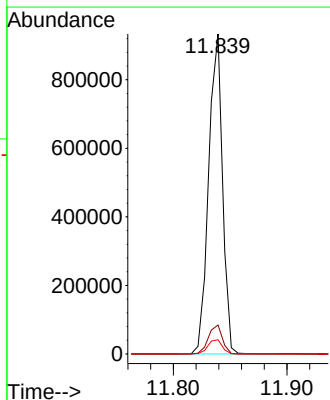
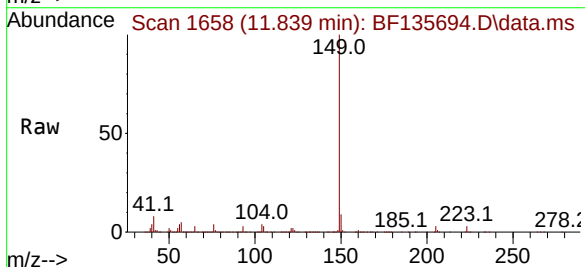
Manual Integrations
 APPROVED

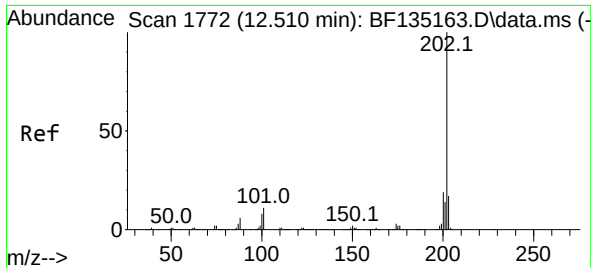
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#74
 Di-n-butylphthalate
 Concen: 52.101 ng
 RT: 11.839 min Scan# 1658
 Delta R.T. 0.000 min
 Lab File: BF135694.D
 Acq: 10 Oct 2023 20:08

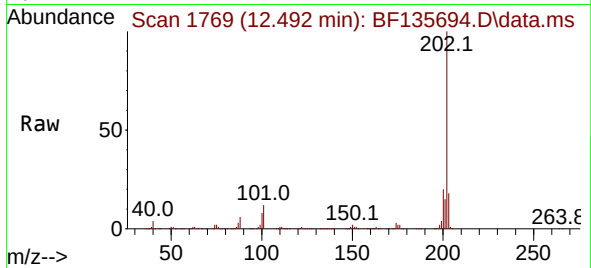
Tgt Ion:149 Resp: 790914
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.5 3.6 5.4





#75
Fluoranthene
Concen: 53.305 ng
RT: 12.492 min Scan# 1772
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

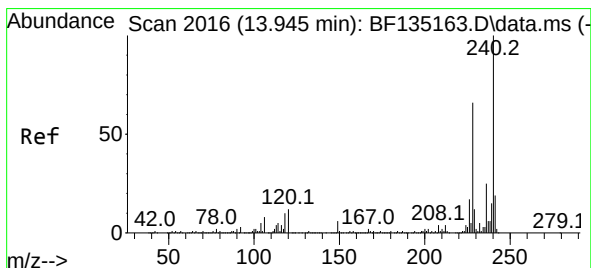
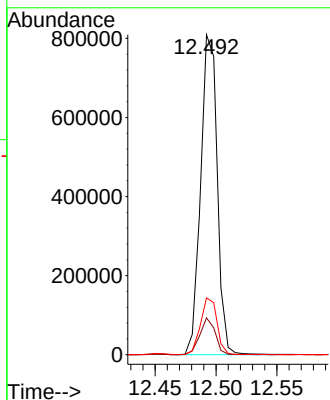
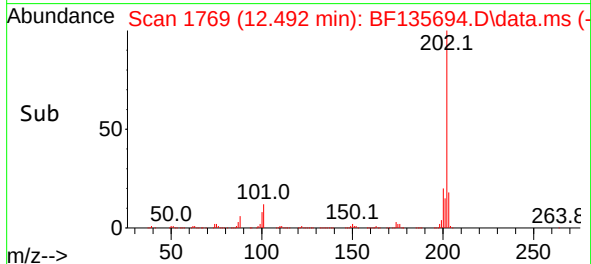
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



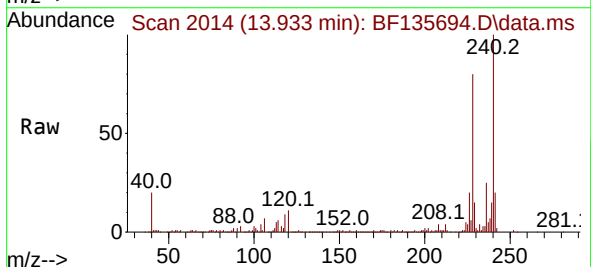
Tgt Ion:202 Resp: 764720
Ion Ratio Lower Upper
202 100
101 11.5 0.0 31.3
203 17.8 0.0 37.4

Manual Integrations
APPROVED

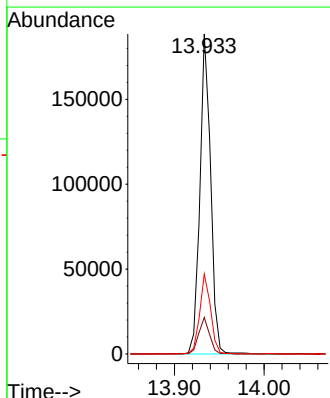
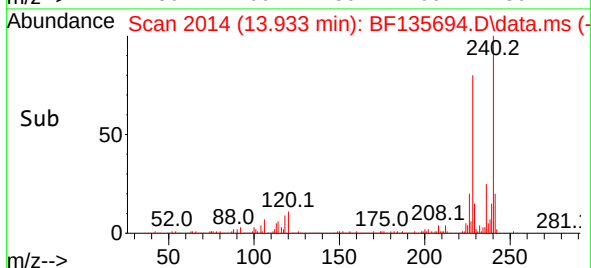
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

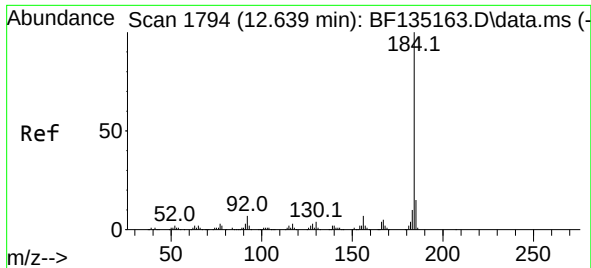


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:240 Resp: 156155
Ion Ratio Lower Upper
240 100
120 11.4 9.4 14.2
236 25.0 19.8 29.8





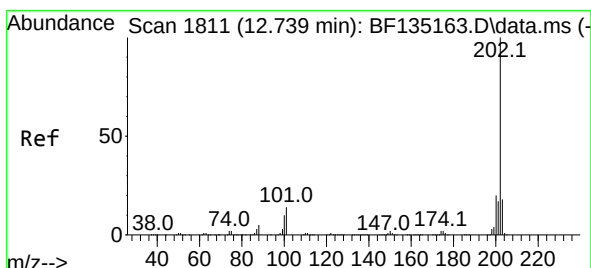
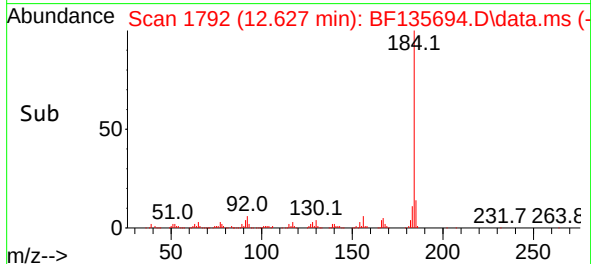
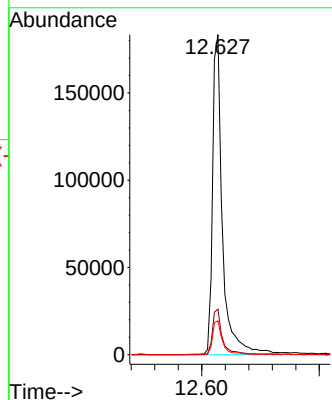
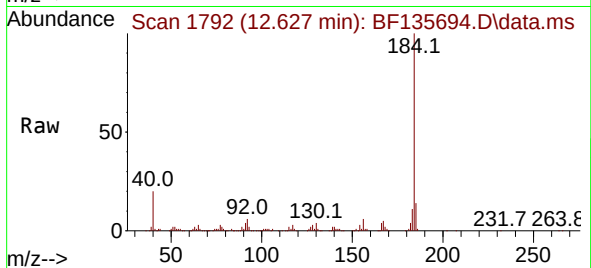
#77
Benzidine
Concen: 67.360 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :
BNA_F
ClientSampleId :
DTP-2MSD

Tgt Ion:184 Resp: 215492
Ion Ratio Lower Upper
184 100
185 14.2 11.7 17.5
183 10.6 8.2 12.4

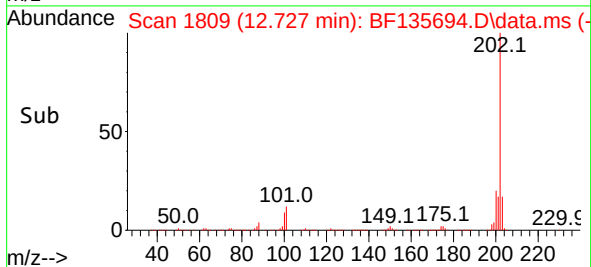
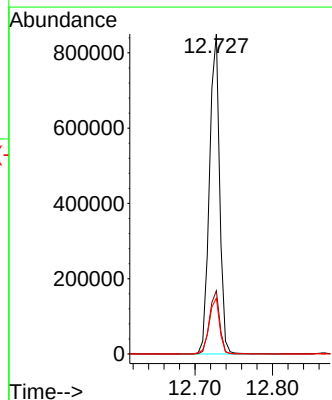
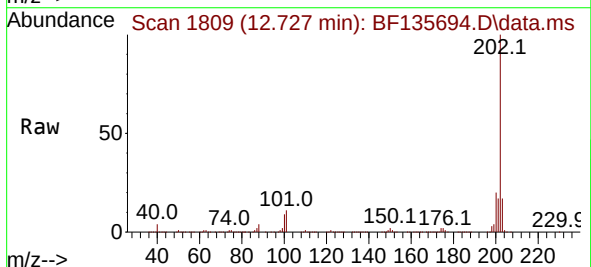
Manual Integrations
APPROVED

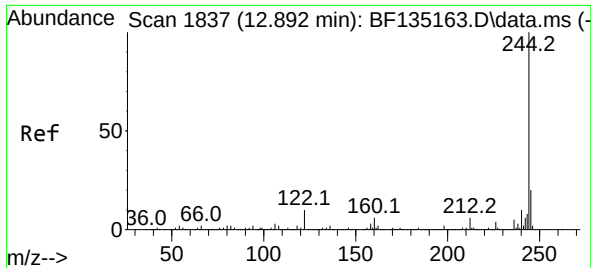
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#78
Pyrene
Concen: 52.110 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

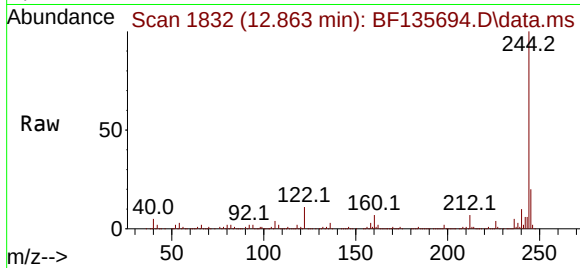
Tgt Ion:202 Resp: 774725
Ion Ratio Lower Upper
202 100
200 19.8 16.2 24.2
203 17.5 14.2 21.4





#79
 Terphenyl-d14
 Concen: 62.028 ng
 RT: 12.863 min Scan# 1832
 Delta R.T. -0.006 min
 Lab File: BF135694.D
 Acq: 10 Oct 2023 20:08

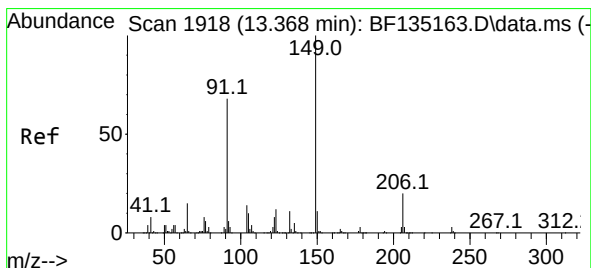
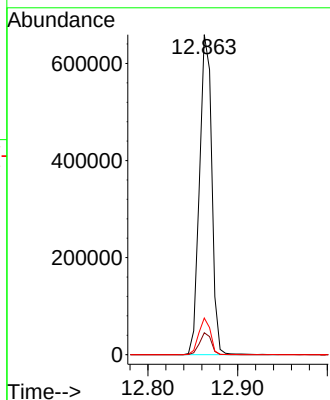
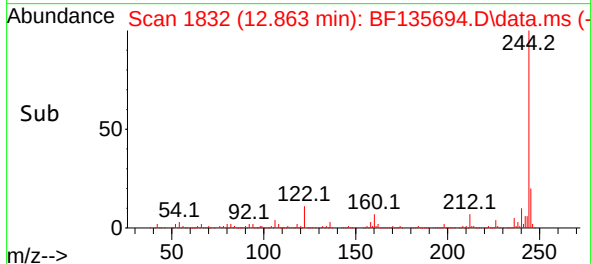
Instrument :
 BNA_F
 ClientSampleId :
 DTP-2MSD



Tgt Ion:244 Resp: 624822
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.1 7.7
 122 11.5 7.9 11.9

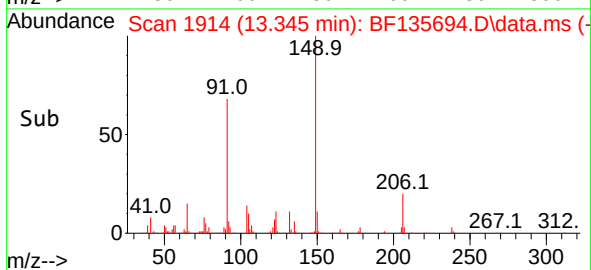
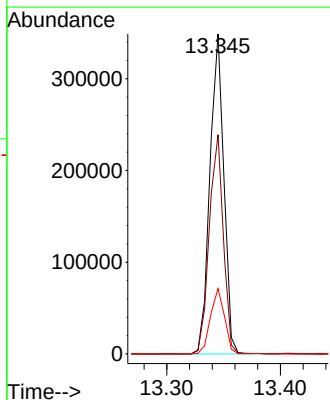
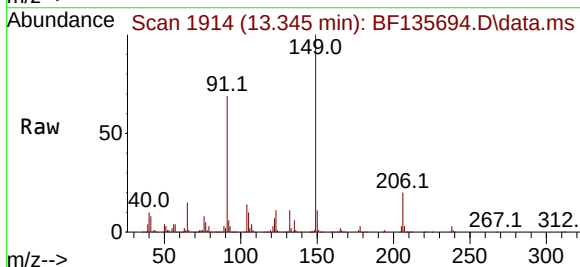
Manual Integrations
 APPROVED

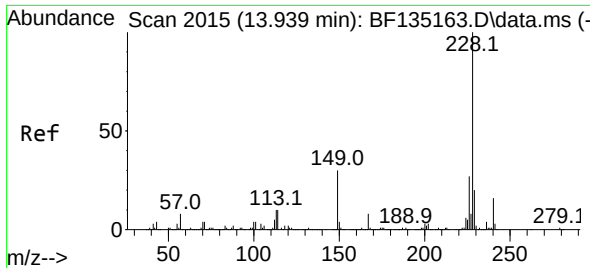
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/12/2023



#80
 Butylbenzylphthalate
 Concen: 56.796 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.000 min
 Lab File: BF135694.D
 Acq: 10 Oct 2023 20:08

Tgt Ion:149 Resp: 297296
 Ion Ratio Lower Upper
 149 100
 91 68.5 54.7 82.1
 206 20.5 16.3 24.5





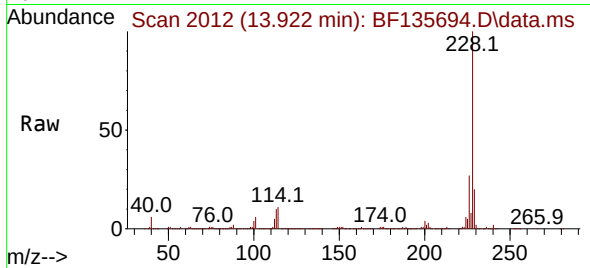
#81
Benzo(a)anthracene
Concen: 53.261 ng
RT: 13.922 min Scan# 2015
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

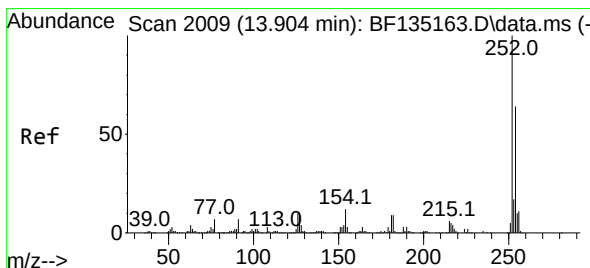
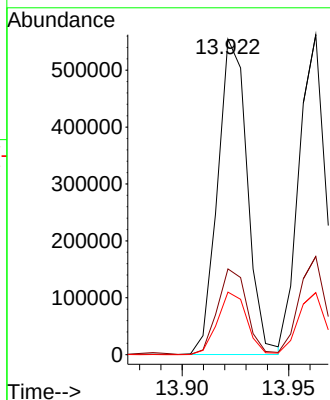
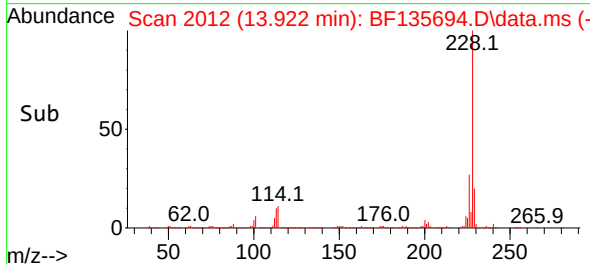


Tgt Ion:228 Resp: 537049
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.8 15.8 23.8

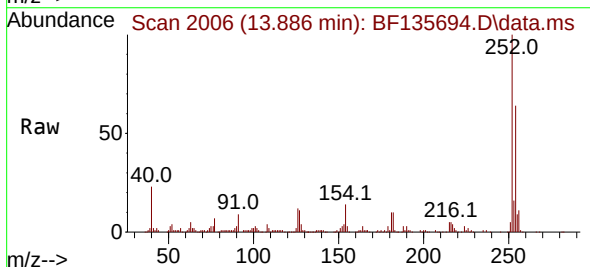
Manual Integrations

APPROVED

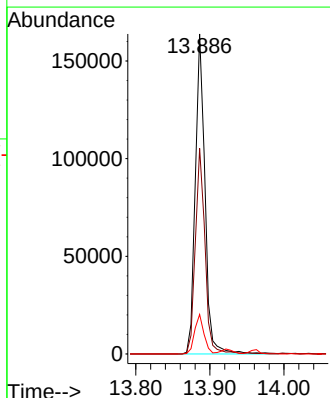
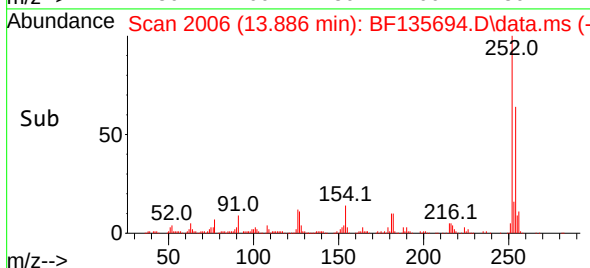
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

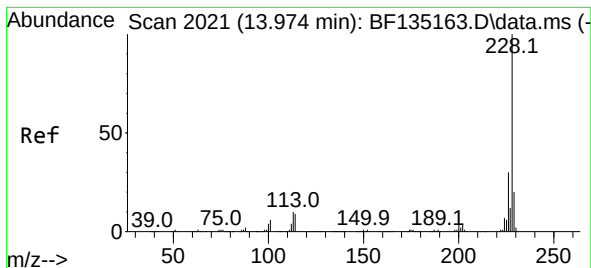


#82
3,3'-Dichlorobenzidine
Concen: 47.172 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:252 Resp: 148571
Ion Ratio Lower Upper
252 100
254 64.3 51.0 76.4
126 12.3 7.8 11.8#





#83

Chrysene

Concen: 49.436 ng

RT: 13.963 min Scan# 2009

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

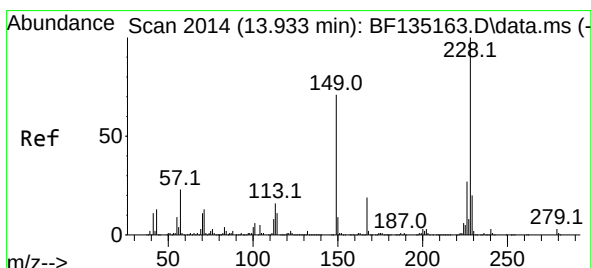
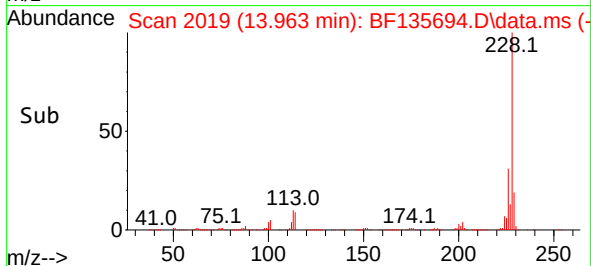
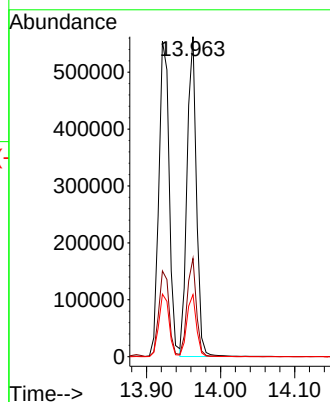
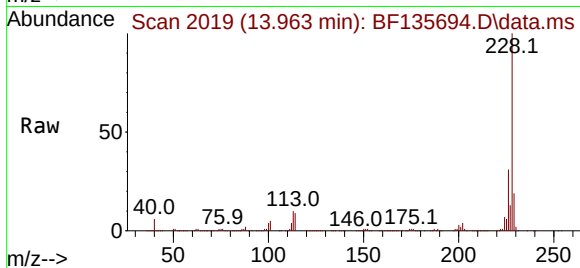
Tgt Ion:	228	Resp:	495600
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.3	36.5
229	19.4	16.0	24.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.840 ng

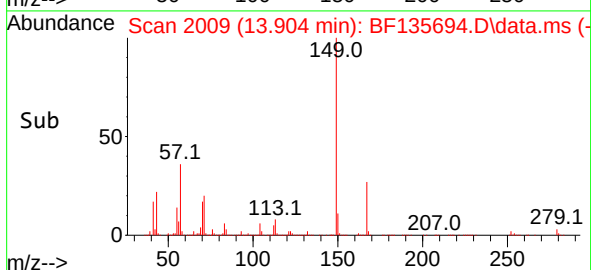
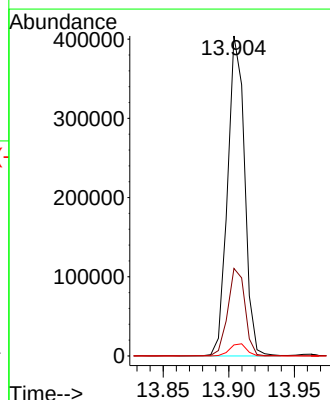
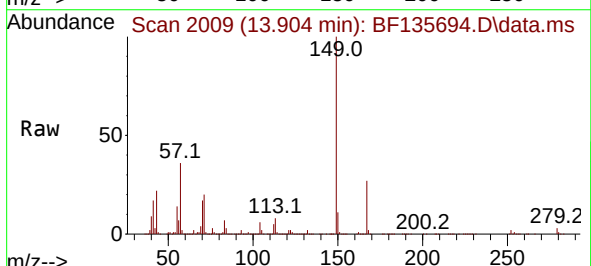
RT: 13.904 min Scan# 2009

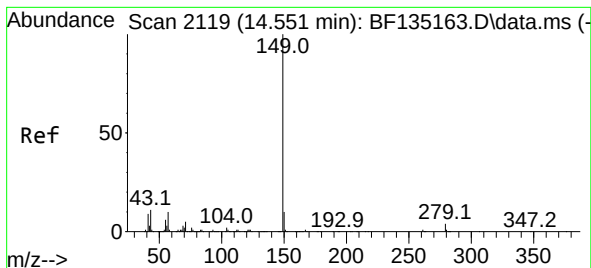
Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Tgt Ion:	149	Resp:	364400
Ion Ratio	Lower	Upper	
149	100		
167	27.3	21.9	32.9
279	3.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 58.663 ng

RT: 14.521 min Scan# 2114

Delta R.T. -0.006 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

Tgt Ion:149 Resp: 50076

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

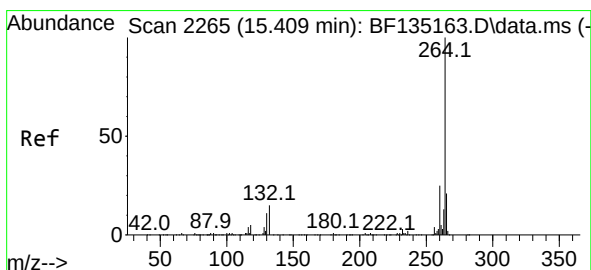
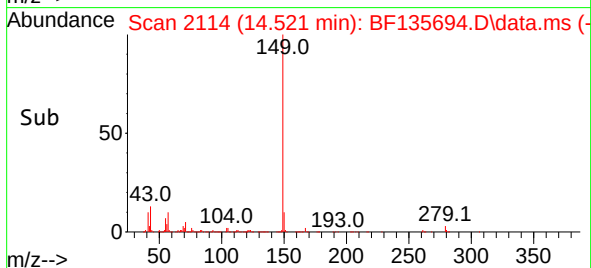
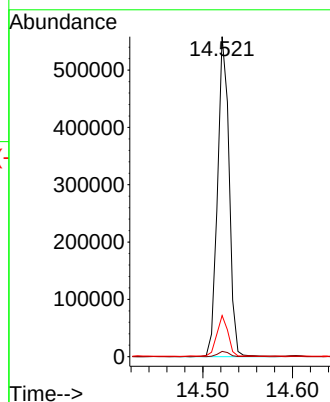
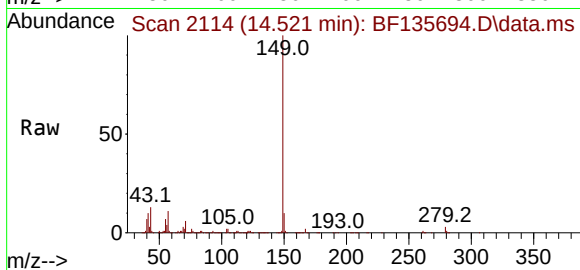
43 12.5 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

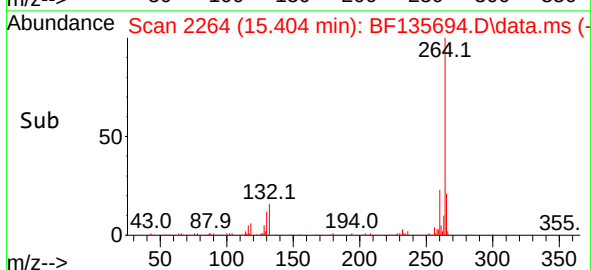
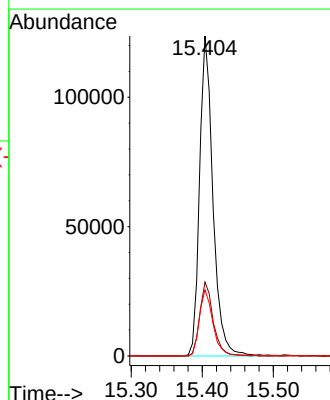
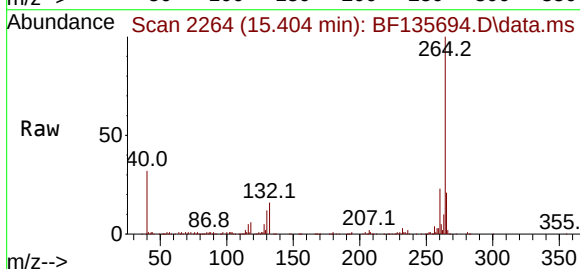
Tgt Ion:264 Resp: 162516

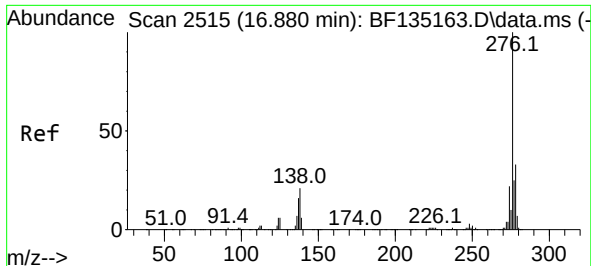
Ion Ratio Lower Upper

264 100

260 23.1 19.8 29.6

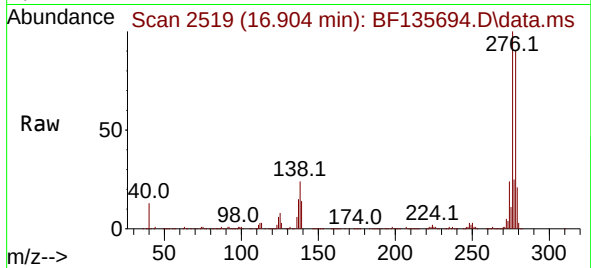
265 20.6 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 51.081 ng
RT: 16.904 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

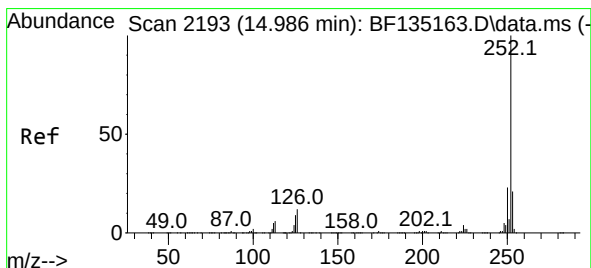
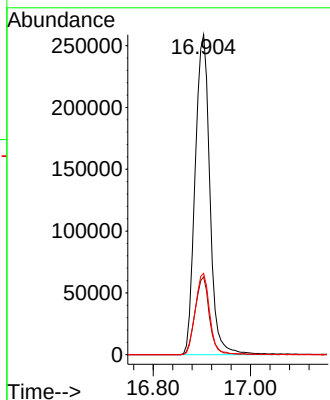
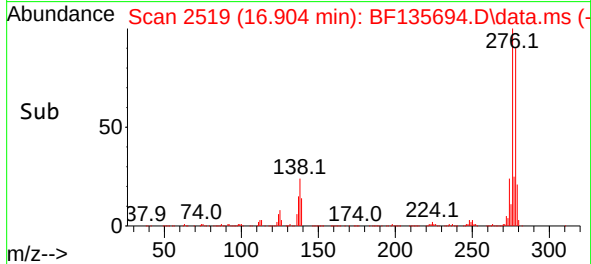
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



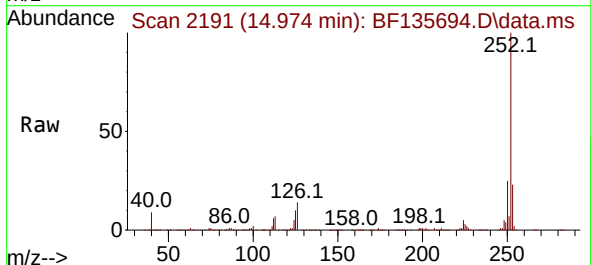
Tgt Ion:276 Resp: 544299
Ion Ratio Lower Upper
276 100
138 23.5 19.2 28.8
277 24.9 19.7 29.5

Manual Integrations
APPROVED

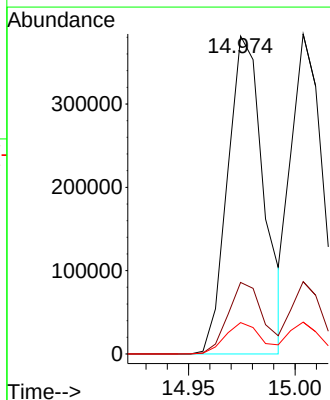
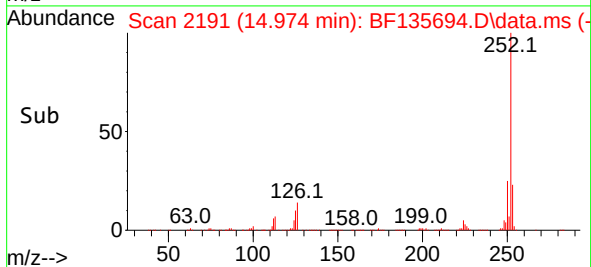
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023

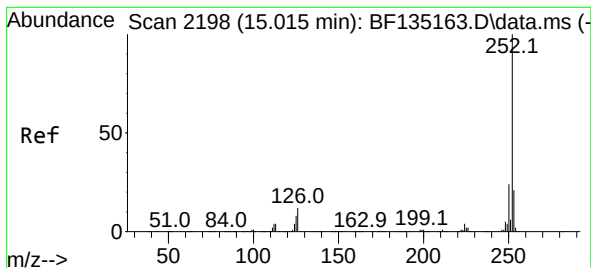


#88
Benzo(b)fluoranthene
Concen: 51.384 ng
RT: 14.974 min Scan# 2191
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:252 Resp: 452054
Ion Ratio Lower Upper
252 100
253 22.5 17.2 25.8
125 9.9 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 46.499 ng

RT: 15.004 min Scan# 2198

Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

Instrument :

BNA_F

ClientSampleId :

DTP-2MSD

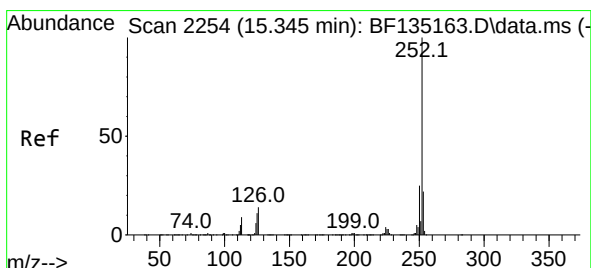
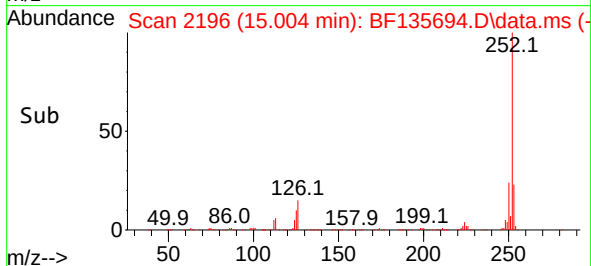
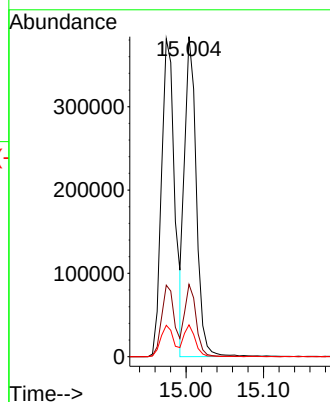
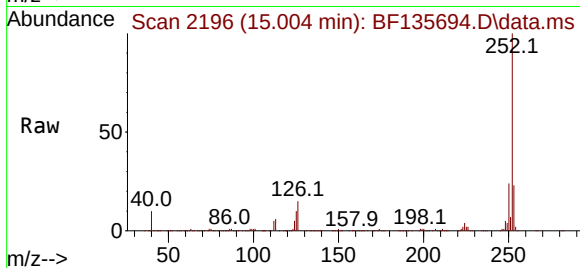
Tgt Ion:252 Resp: 404099
 Ion Ratio Lower Upper
 252 100
 253 22.6 17.4 26.0
 125 9.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/12/2023



#90

Benzo(a)pyrene

Concen: 47.906 ng

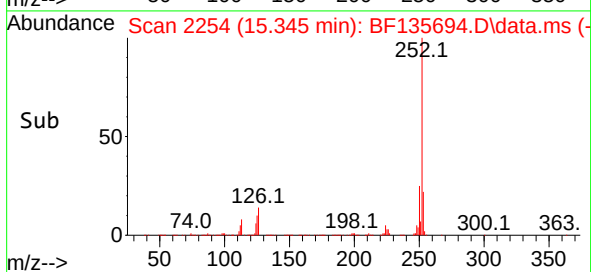
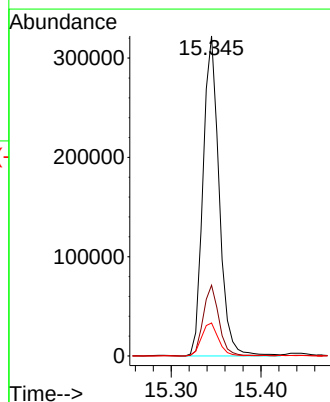
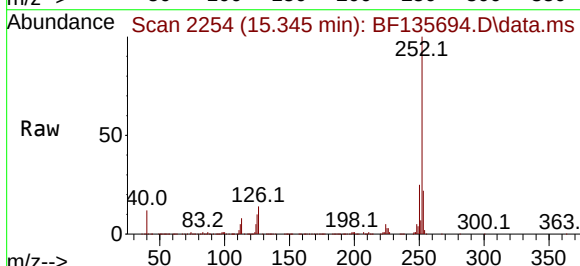
RT: 15.345 min Scan# 2254

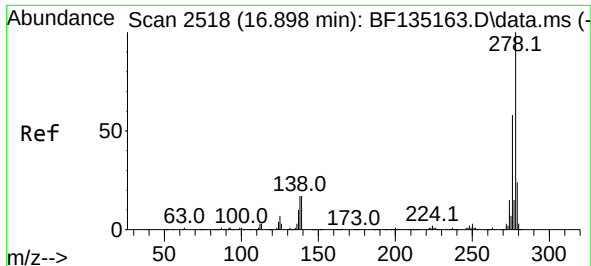
Delta R.T. 0.000 min

Lab File: BF135694.D

Acq: 10 Oct 2023 20:08

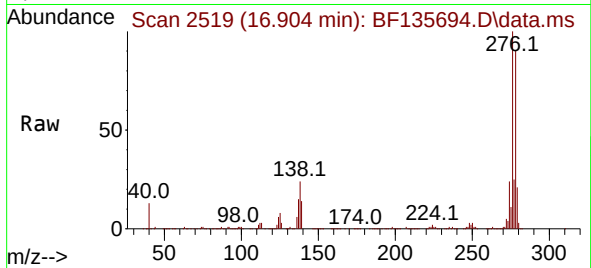
Tgt Ion:252 Resp: 401915
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.5 26.3
 125 10.3 9.2 13.8





#91
Dibenzo(a,h)anthracene
Concen: 50.661 ng
RT: 16.904 min Scan# 2518
Delta R.T. -0.006 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08

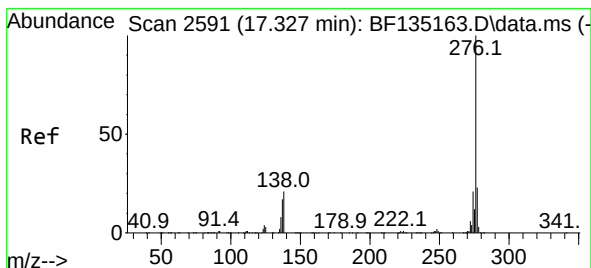
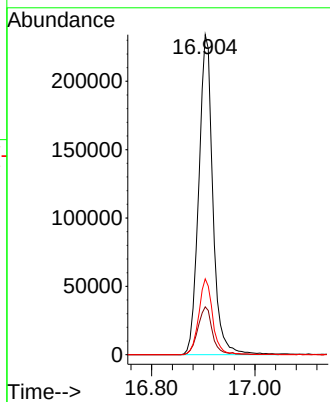
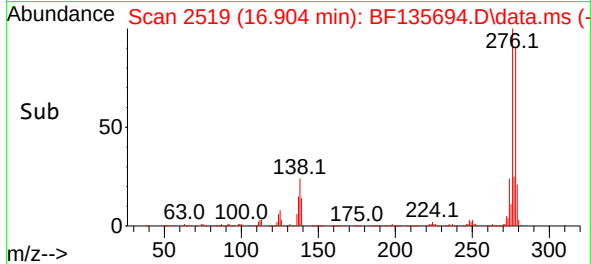
Instrument :
BNA_F
ClientSampleId :
DTP-2MSD



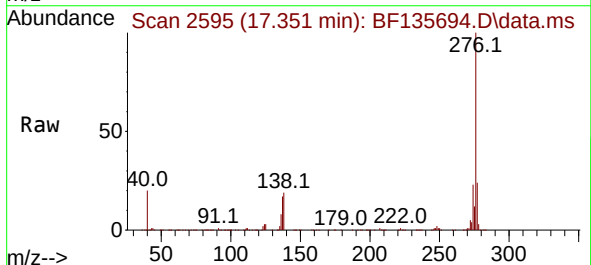
Tgt Ion:278 Resp: 441690
Ion Ratio Lower Upper
278 100
139 15.0 13.4 20.0
279 23.7 19.0 28.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/12/2023



#92
Benzo(g,h,i)perylene
Concen: 49.155 ng
RT: 17.351 min Scan# 2595
Delta R.T. 0.000 min
Lab File: BF135694.D
Acq: 10 Oct 2023 20:08



Tgt Ion:276 Resp: 447577
Ion Ratio Lower Upper
276 100
277 23.7 18.8 28.2
138 19.0 16.9 25.3

