

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100923\
 Data File : BF135670.D
 Acq On : 10 Oct 2023 01:16
 Operator : CG\JU
 Sample : 04609-05MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD

Manual Integrations
 APPROVED

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

Quant Time: Oct 10 02:32:22 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 04 17:06:20 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.739	152	115765	20.000	ng	0.00
21) Naphthalene-d8	8.022	136	430568	20.000	ng	0.00
39) Acenaphthene-d10	9.780	164	203369	20.000	ng	0.00
64) Phenanthrene-d10	11.274	188	346248	20.000	ng	0.00
76) Chrysene-d12	13.933	240	196747	20.000	ng	0.00
86) Perylene-d12	15.404	264	204196	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	645821	90.735	ng	0.01
7) Phenol-d6	6.398	99	796102	87.962	ng	0.01
23) Nitrobenzene-d5	7.310	82	513826	64.835	ng	0.00
42) 2,4,6-Tribromophenol	10.574	330	178495	88.320	ng	0.00
45) 2-Fluorobiphenyl	9.098	172	899500	66.731	ng	0.00
79) Terphenyl-d14	12.868	244	704463	55.505	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.522	88	151981	48.708	ng	99
3) Pyridine	3.269	79	340181	40.509	ng	97
4) n-Nitrosodimethylamine	3.246	42	230120	51.639	ng	93
6) Aniline	6.410	93	374744	31.575	ng	# 9
8) 2-Chlorophenol	6.534	128	374886	49.339	ng	95
9) Benzaldehyde	6.298	77	185417	35.962	ng	99
10) Phenol	6.410	94	443366	44.675	ng	80
11) bis(2-Chloroethyl)ether	6.481	93	361702	48.588	ng	98
12) 1,3-Dichlorobenzene	6.681	146	378605	49.030	ng	98
13) 1,4-Dichlorobenzene	6.757	146	385309	49.045	ng	99
14) 1,2-Dichlorobenzene	6.904	146	356183	48.820	ng	99
15) Benzyl Alcohol	6.892	79	307600	47.363	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.016	45	647712	46.160	ng	50
17) 2-Methylphenol	7.010	107	289377	43.158	ng	# 91
18) Hexachloroethane	7.239	117	144140	49.655	ng	91
19) n-Nitroso-di-n-propyla...	7.163	70	250583	44.700	ng	95
20) 3+4-Methylphenols	7.169	107	367000	45.519	ng	# 67
22) Acetophenone	7.157	105	504796	51.280	ng	94
24) Nitrobenzene	7.328	77	392440	50.100	ng	99
25) Isophorone	7.569	82	715565	49.171	ng	100
26) 2-Nitrophenol	7.645	139	197343	52.492	ng	97
27) 2,4-Dimethylphenol	7.686	122	283718	44.897	ng	98
28) bis(2-Chloroethoxy)met...	7.775	93	432482	49.652	ng	100
29) 2,4-Dichlorophenol	7.892	162	306605	52.361	ng	98
30) 1,2,4-Trichlorobenzene	7.963	180	307139	50.183	ng	99
31) Naphthalene	8.039	128	1030470	49.258	ng	98
32) Benzoic acid	7.851	122	214500	45.078	ng	94
33) 4-Chloroaniline	8.098	127	217953	23.746	ng	97
34) Hexachlorobutadiene	8.151	225	184832	50.084	ng	99
35) Caprolactam	8.486	113	99716m	50.741	ng	
36) 4-Chloro-3-methylphenol	8.604	107	320801	49.293	ng	96
37) 2-Methylnaphthalene	8.733	142	632951	45.010	ng	98
38) 1-Methylnaphthalene	8.833	142	608792	46.241	ng	97
40) 1,2,4,5-Tetrachloroben...	8.904	216	310888	52.766	ng	99
41) Hexachlorocyclopentadiene	8.880	237	72426	32.707	ng	99
43) 2,4,6-Trichlorophenol	9.022	196	199109	51.615	ng	98

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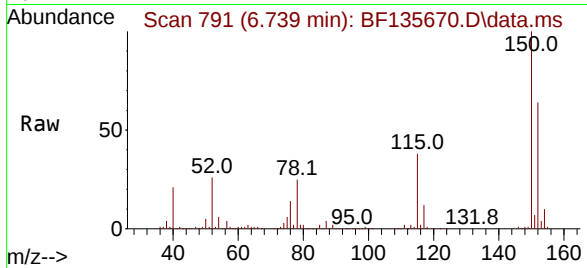
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.075	196	211028	47.503	ng	98
46) 1,1'-Biphenyl	9.204	154	808745	51.748	ng	98
47) 2-Chloronaphthalene	9.227	162	588799	51.925	ng	97
48) 2-Nitroaniline	9.339	65	226210	51.349	ng	95
49) Acenaphthylene	9.639	152	948826	50.348	ng	99
50) Dimethylphthalate	9.510	163	699614	50.882	ng	99
51) 2,6-Dinitrotoluene	9.580	165	151890	50.426	ng	95
52) Acenaphthene	9.816	154	561948	50.477	ng	97
53) 3-Nitroaniline	9.751	138	124683	35.264	ng	93
54) 2,4-Dinitrophenol	9.874	184	107284	64.088	ng	94
55) Dibenzofuran	9.986	168	819410	48.233	ng	97
56) 4-Nitrophenol	9.939	139	163197	72.624	ng	99
57) 2,4-Dinitrotoluene	9.992	165	180231	47.795	ng	88
58) Fluorene	10.333	166	642449	49.192	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.116	232	159695	46.731	ng	99
60) Diethylphthalate	10.210	149	703622	50.990	ng	99
61) 4-Chlorophenyl-phenyle...	10.322	204	307041	48.941	ng	99
62) 4-Nitroaniline	10.374	138	138237	40.673	ng	98
63) Azobenzene	10.486	77	653806	48.412	ng	99
65) 4,6-Dinitro-2-methylph...	10.404	198	73676	40.062	ng	98
66) n-Nitrosodiphenylamine	10.445	169	583515	55.665	ng	99
67) 4-Bromophenyl-phenylether	10.816	248	187918	54.569	ng	100
68) Hexachlorobenzene	10.880	284	191096	54.469	ng	# 92
69) Atrazine	10.980	200	180161	63.874	ng	98
70) Pentachlorophenol	11.086	266	146626	69.854	ng	98
71) Phenanthrene	11.298	178	866691	52.924	ng	99
72) Anthracene	11.351	178	828826	49.239	ng	99
73) Carbazole	11.516	167	765004	49.924	ng	99
74) Di-n-butylphthalate	11.839	149	994237	55.064	ng	100
75) Fluoranthene	12.492	202	846217	49.592	ng	99
77) Benzidine	12.627	184	320995	79.637	ng	98
78) Pyrene	12.727	202	845848	45.156	ng	99
80) Butylbenzylphthalate	13.345	149	341686	51.809	ng	97
81) Benzo(a)anthracene	13.927	228	699912	55.092	ng	99
82) 3,3'-Dichlorobenzidine	13.886	252	221434	55.801	ng	# 98
83) Chrysene	13.962	228	643222	50.923	ng	100
84) Bis(2-ethylhexyl)phtha...	13.910	149	465606	68.797	ng	100
85) Di-n-octyl phthalate	14.527	149	786803	73.155	ng	98
87) Indeno(1,2,3-cd)pyrene	16.898	276	533188	39.824	ng	99
88) Benzo(b)fluoranthene	14.980	252	641739	58.056	ng	97
89) Benzo(k)fluoranthene	15.009	252	569744	52.178	ng	100
90) Benzo(a)pyrene	15.345	252	533111	50.573	ng	99
91) Dibenzo(a,h)anthracene	16.903	278	425325	38.826	ng	98
92) Benzo(g,h,i)perylene	17.345	276	418059	36.541	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.739 min Scan# 74
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

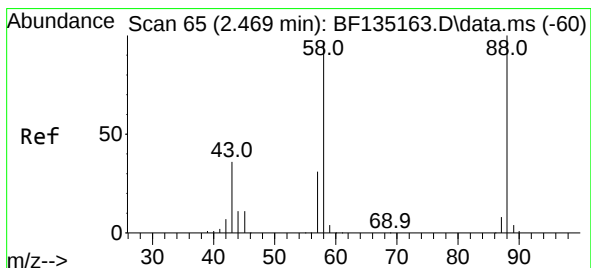
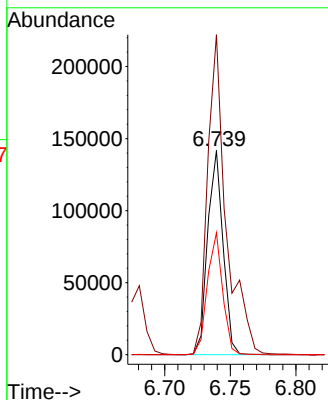
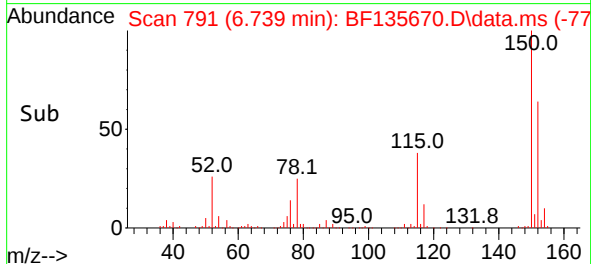
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:152 Resp: 115768
Ion Ratio Lower Upper
152 100
150 156.8 127.8 191.6
115 59.7 49.8 74.8

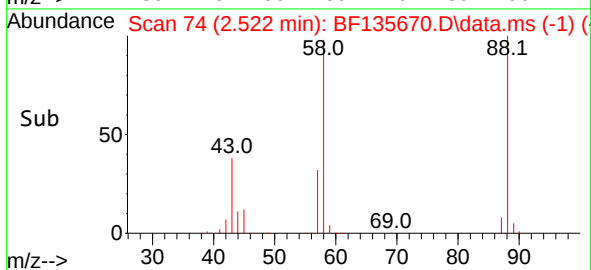
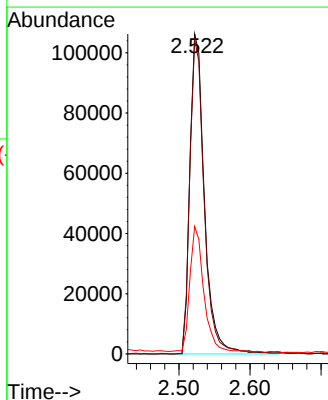
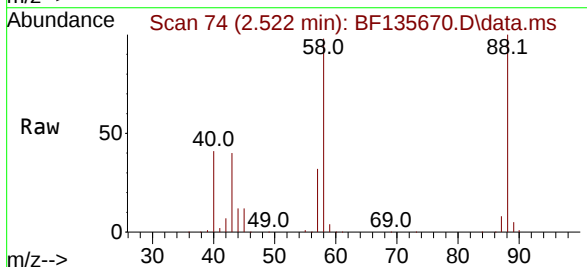
Manual Integrations
APPROVED

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



#2
1,4-Dioxane
Concen: 48.708 ng
RT: 2.522 min Scan# 74
Delta R.T. 0.100 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

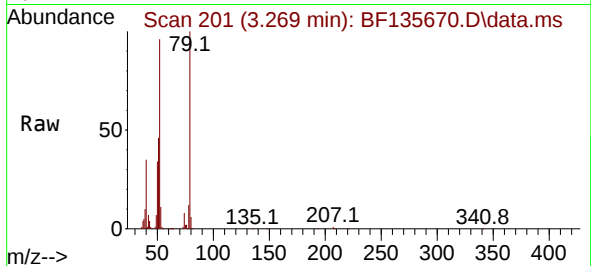
Tgt Ion: 88 Resp: 151981
Ion Ratio Lower Upper
88 100
58 97.3 78.3 117.5
43 37.9 29.4 44.0





#3
Pyridine
Concen: 40.509 ng
RT: 3.269 min Scan# 201
Delta R.T. 0.106 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

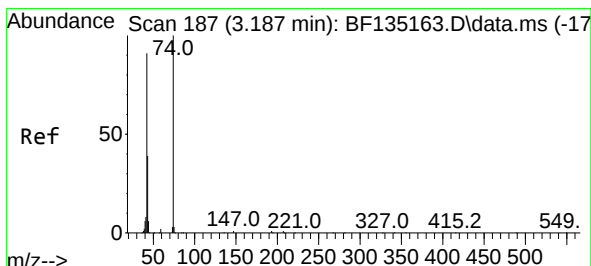
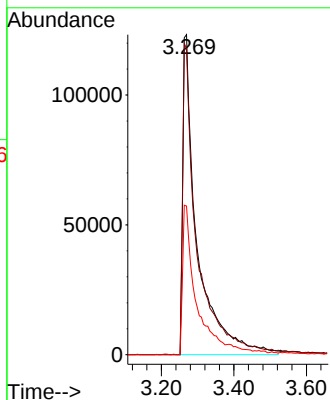
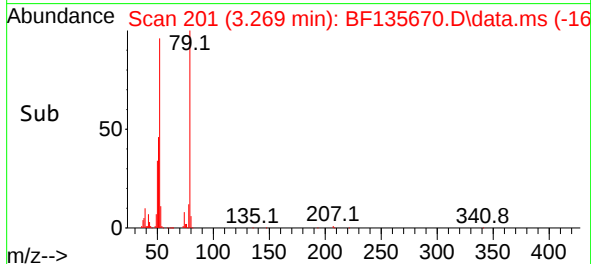
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



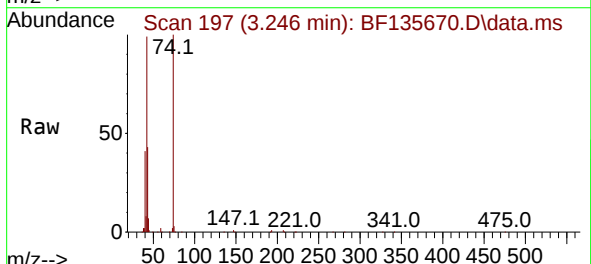
Tgt Ion: 79 Resp: 34018
Ion Ratio Lower Upper
79 100
52 95.6 74.1 111.1
51 46.4 35.8 53.8

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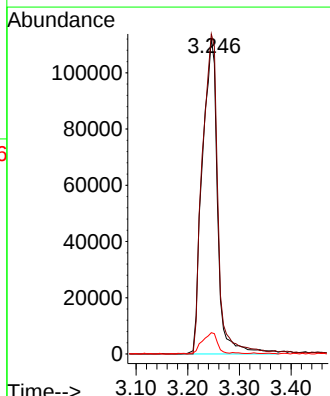
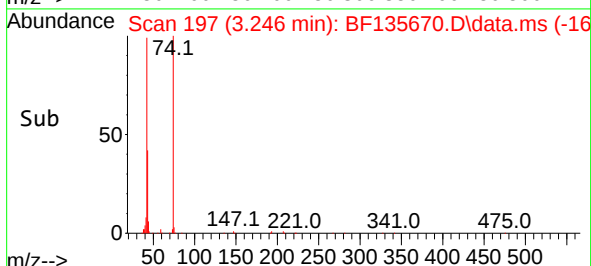
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#4
n-Nitrosodimethylamine
Concen: 51.639 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.112 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16



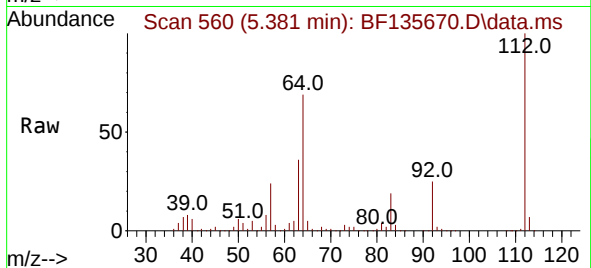
Tgt Ion: 42 Resp: 230120
Ion Ratio Lower Upper
42 100
74 101.3 87.7 131.5
44 6.7 5.6 8.4





#5
2-Fluorophenol
Concen: 90.735 ng
RT: 5.381 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

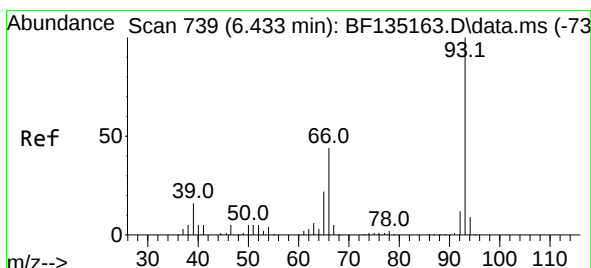
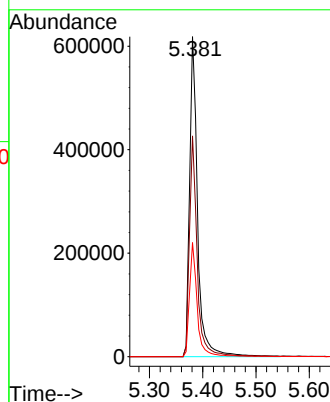
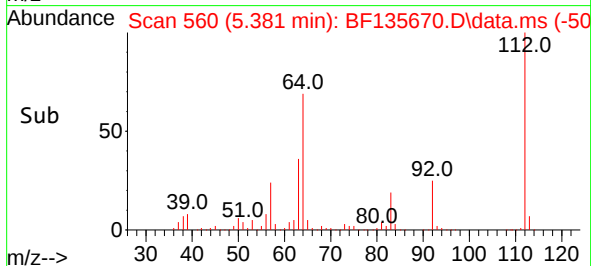
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:112 Resp: 64582
Ion Ratio Lower Upper
112 100
64 69.0 55.9 83.9
63 35.7 29.0 43.6

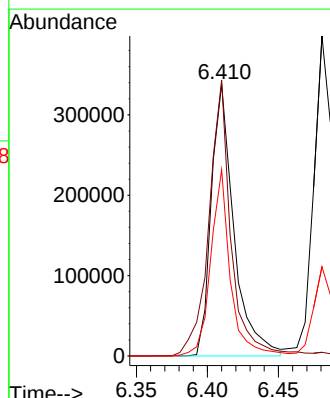
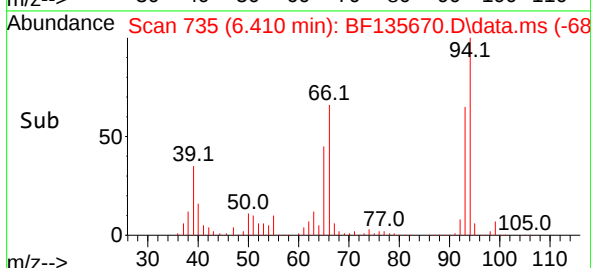
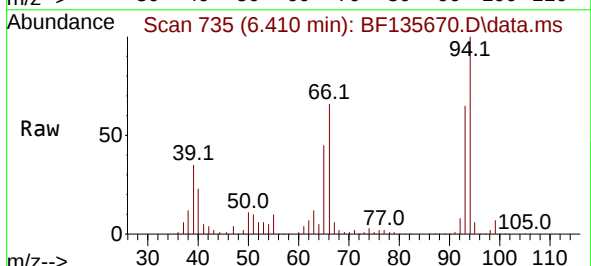
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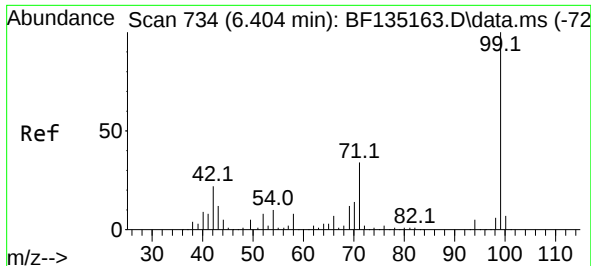
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#6
Aniline
Concen: 31.575 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 93 Resp: 374744
Ion Ratio Lower Upper
93 100
66 101.5 35.4 53.0#
65 68.5 17.8 26.8#





#7

Phenol-d6

Concen: 87.962 ng

RT: 6.398 min Scan# 71

Delta R.T. 0.012 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion: 99 Resp: 79610

Ion Ratio Lower Upper

99 100

42 24.0 17.9 26.9

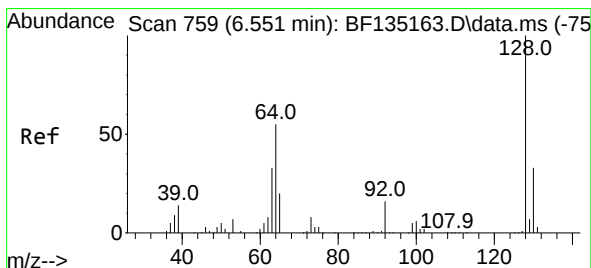
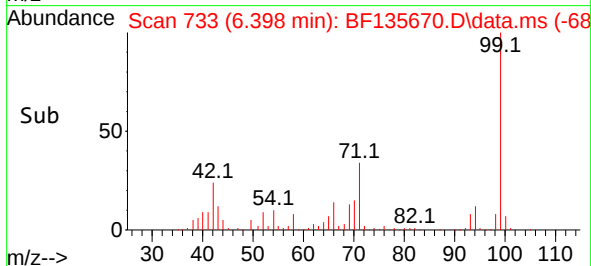
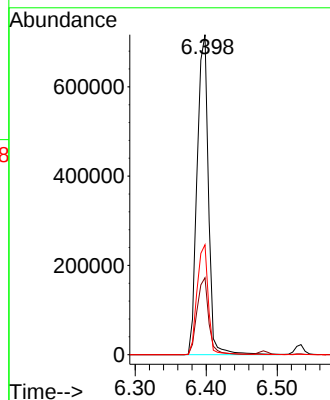
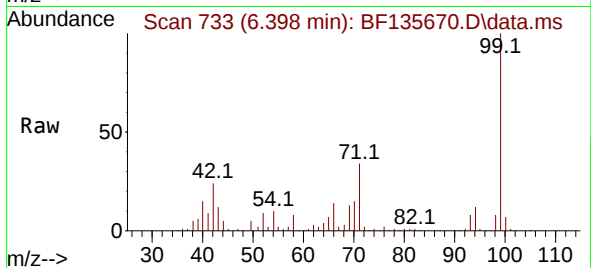
71 34.4 27.0 40.6

Manual Integrations

APPROVED

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Supervised By :mohammad ahmed 10/11/2023



#8

2-Chlorophenol

Concen: 49.339 ng

RT: 6.534 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

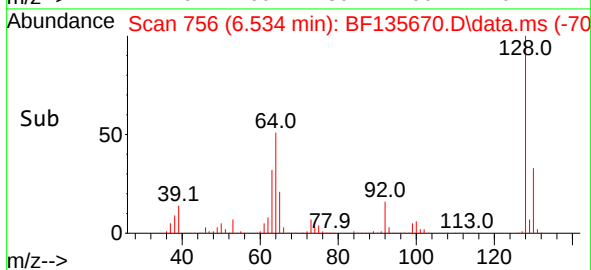
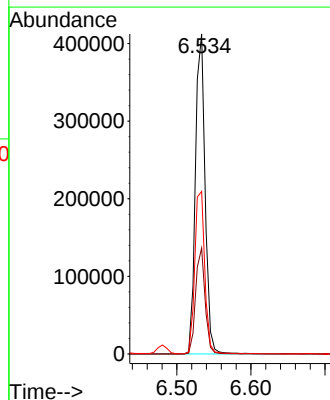
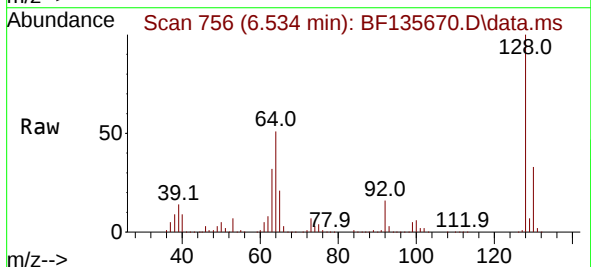
Tgt Ion:128 Resp: 374886

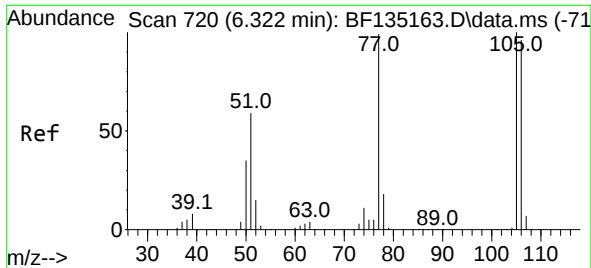
Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

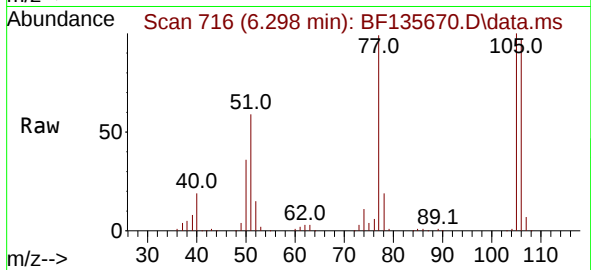
64 50.8 35.9 75.9





#9
Benzaldehyde
Concen: 35.962 ng
RT: 6.298 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

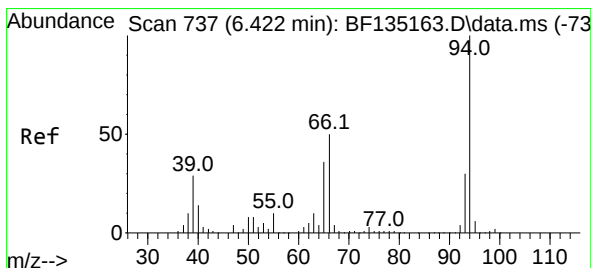
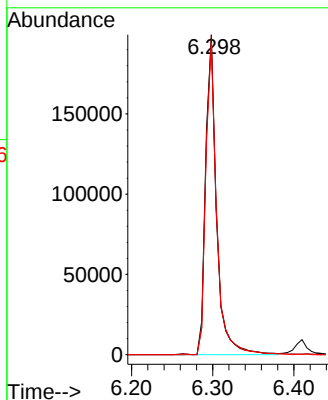
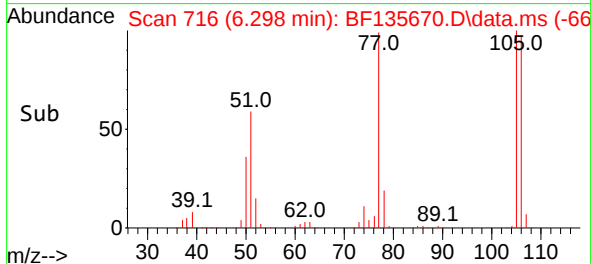
Instrument :
BNA_F
Client SampleId :
TP-1MSD



Tgt Ion: 77 Resp: 18541
Ion Ratio Lower Upper
77 100
105 100.9 81.4 121.4
106 98.3 76.9 116.9

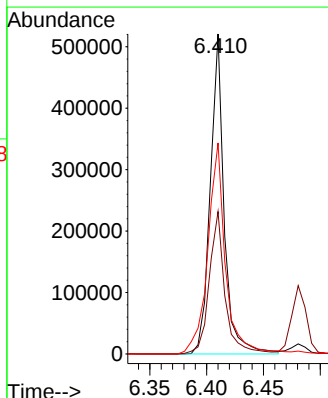
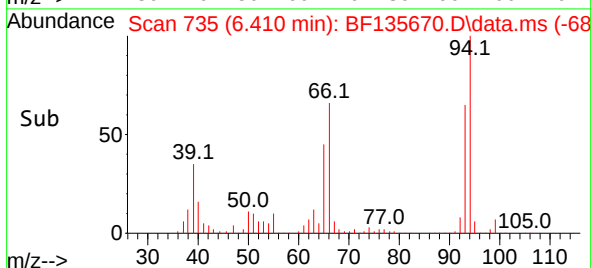
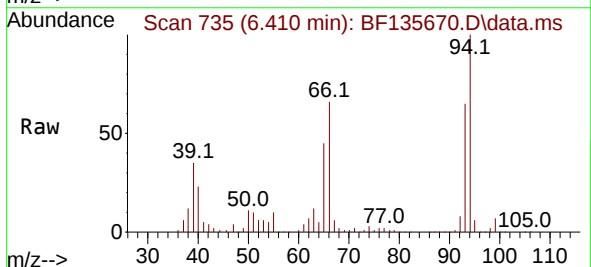
Manual Integrations
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Supervised By :mohammad ahmed 10/11/2023



#10
Phenol
Concen: 44.675 ng
RT: 6.410 min Scan# 735
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 94 Resp: 443366
Ion Ratio Lower Upper
94 100
65 44.5 15.9 55.9
66 66.0 29.8 69.8





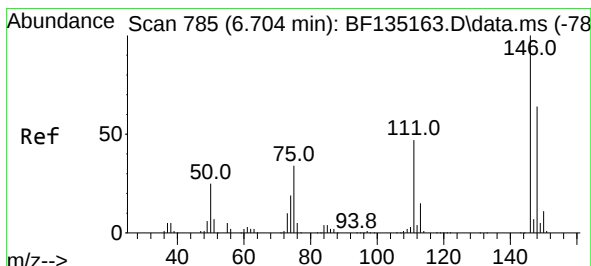
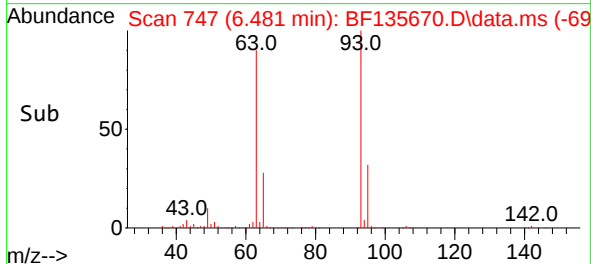
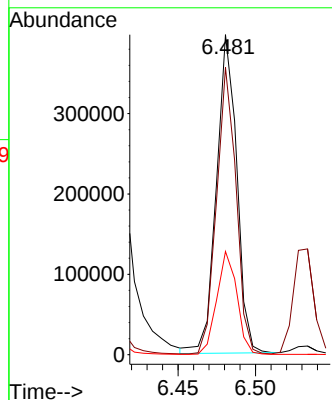
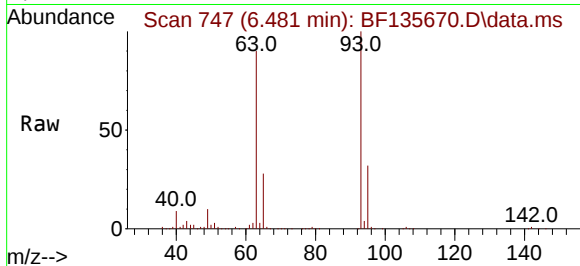
#11
bis(2-Chloroethyl)ether
Concen: 48.588 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion: 93 Resp: 36170
Ion Ratio Lower Upper
93 100
63 89.8 67.3 107.3
95 32.3 12.7 52.7

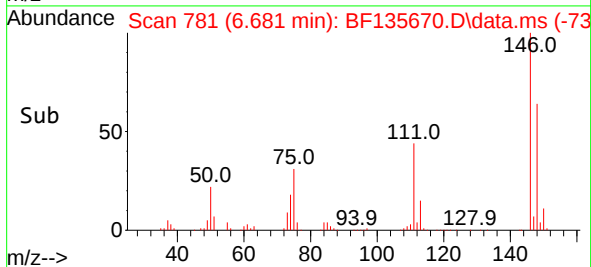
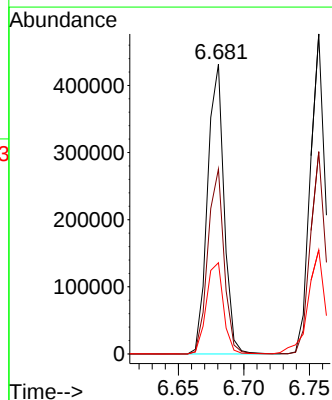
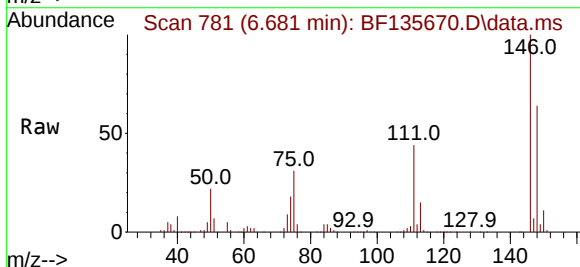
Manual Integrations
APPROVED

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



#12
1,3-Dichlorobenzene
Concen: 49.030 ng
RT: 6.681 min Scan# 781
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:146 Resp: 378605
Ion Ratio Lower Upper
146 100
148 63.9 51.3 76.9
75 31.5 27.4 41.2





#13

1,4-Dichlorobenzene

Concen: 49.045 ng

RT: 6.757 min Scan# 798

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:146 Resp: 385309

Ion Ratio Lower Upper

146 100

148 63.2 51.3 76.9

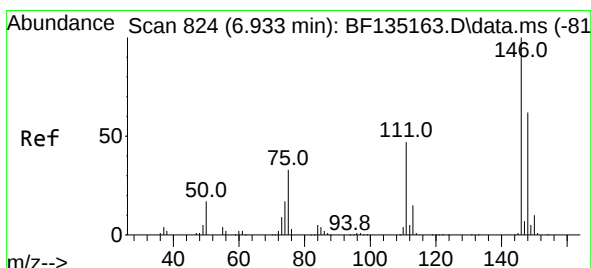
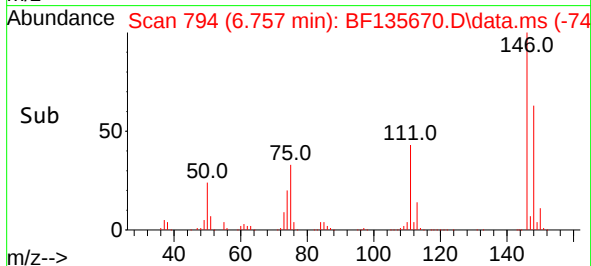
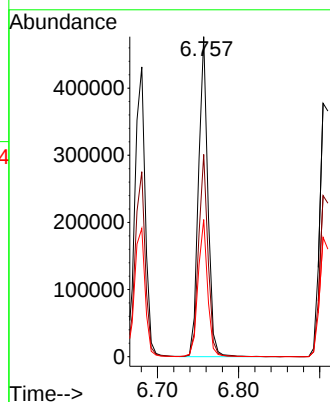
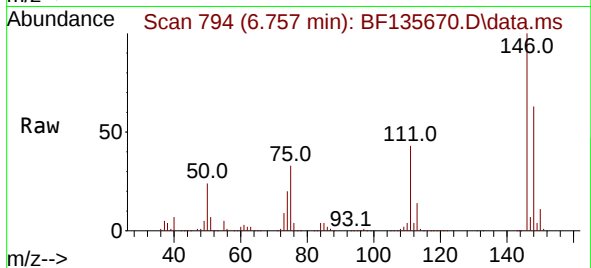
111 42.8 35.1 52.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#14

1,2-Dichlorobenzene

Concen: 48.820 ng

RT: 6.904 min Scan# 819

Delta R.T. -0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

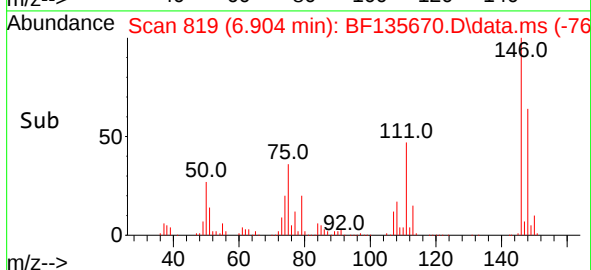
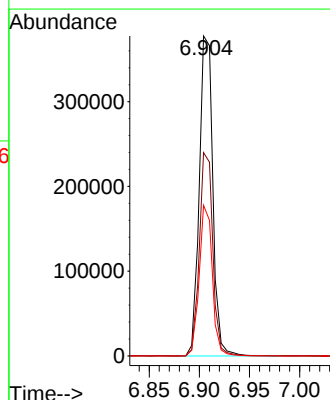
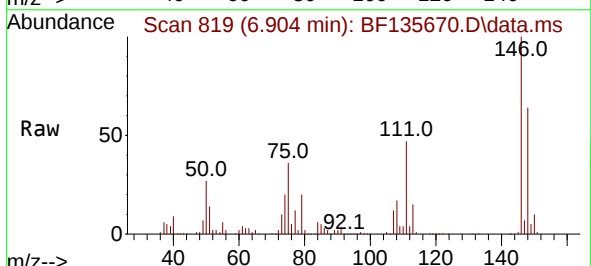
Tgt Ion:146 Resp: 356183

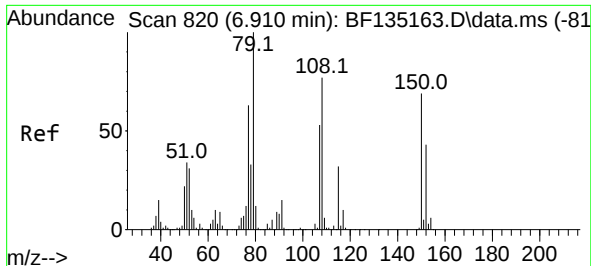
Ion Ratio Lower Upper

146 100

148 63.6 49.7 74.5

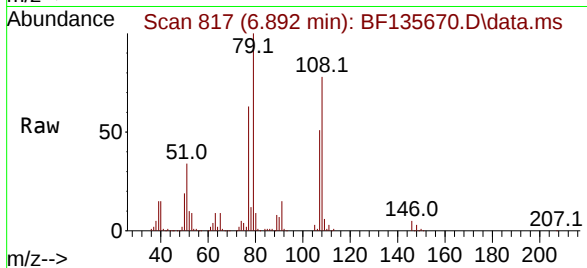
111 47.1 37.4 56.2





#15
Benzyl Alcohol
Concen: 47.363 ng
RT: 6.892 min Scan# 817
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

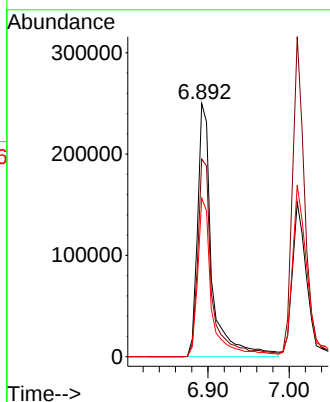
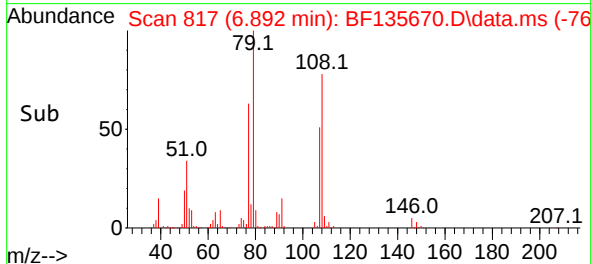
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 79 Resp: 307600
Ion Ratio Lower Upper
79 100
108 78.0 61.2 91.8
77 62.6 50.5 75.7

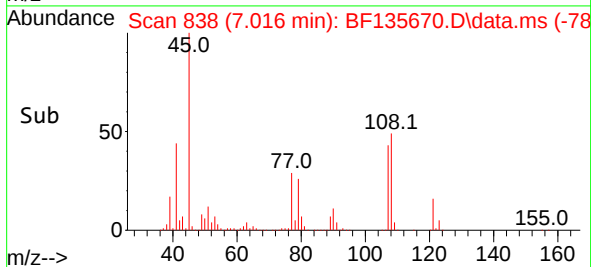
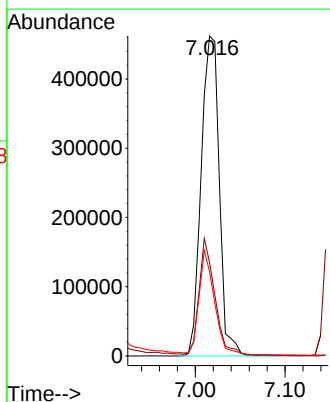
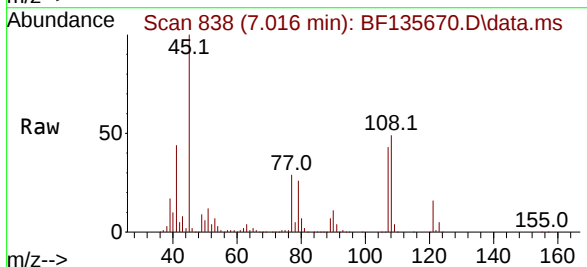
Manual Integrations
APPROVED

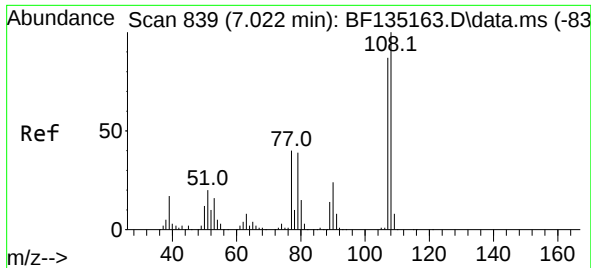
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.160 ng
RT: 7.016 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

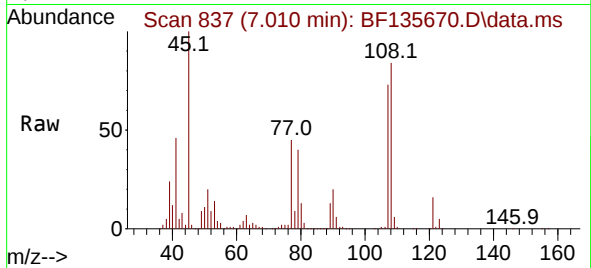
Tgt Ion: 45 Resp: 647712
Ion Ratio Lower Upper
45 100
77 29.2 0.0 30.6
79 26.3 0.0 28.3





#17
2-Methylphenol
Concen: 43.158 ng
RT: 7.010 min Scan# 810
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

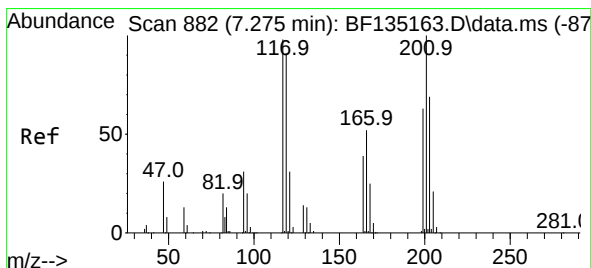
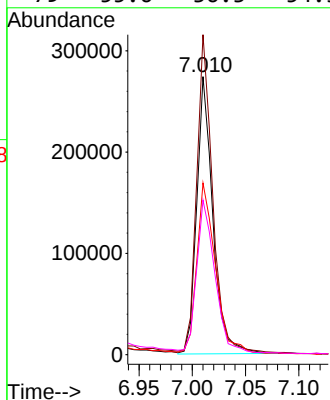
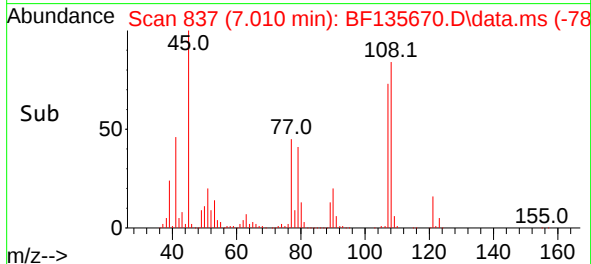
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:107 Resp: 28937
Ion Ratio Lower Upper
107 100
108 115.1 92.0 138.0
77 61.8 36.7 55.1
79 55.6 36.3 54.5#

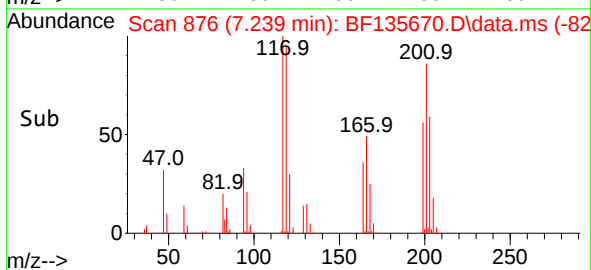
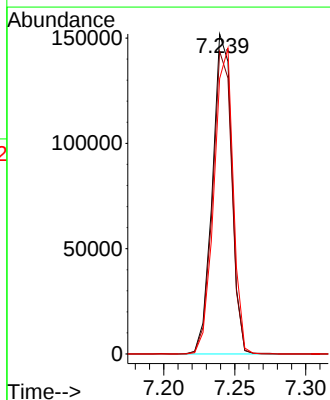
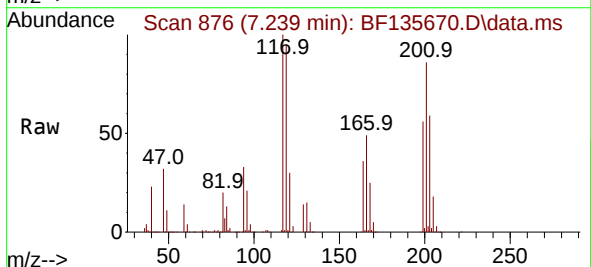
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 49.655 ng
RT: 7.239 min Scan# 876
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

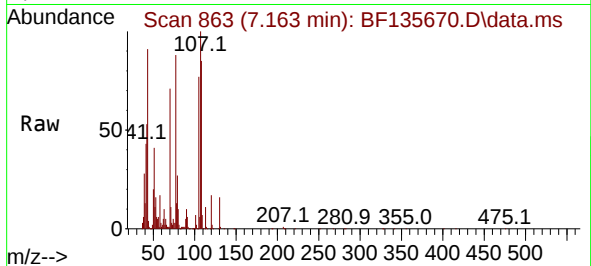
Tgt Ion:117 Resp: 144140
Ion Ratio Lower Upper
117 100
119 94.6 74.7 112.1
201 86.1 81.8 122.8





#19
n-Nitroso-di-n-propylamine
Concen: 44.700 ng
RT: 7.163 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

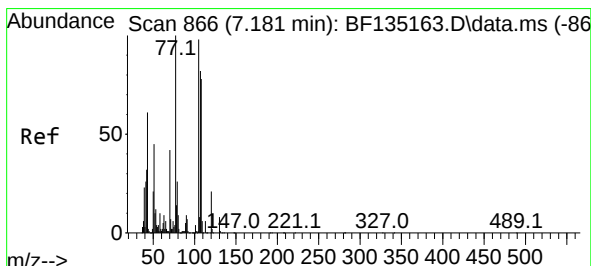
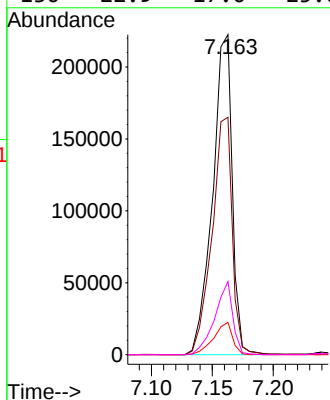
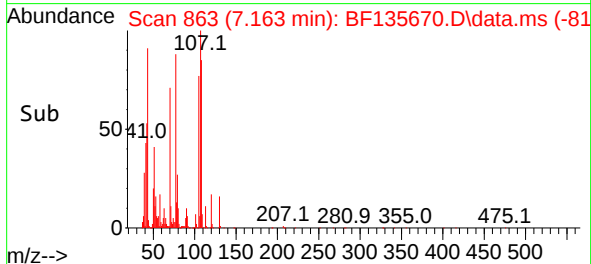
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 70 Resp: 25058
Ion Ratio Lower Upper
70 100
42 74.2 55.4 83.0
101 10.1 7.7 11.5
130 22.9 17.0 25.6

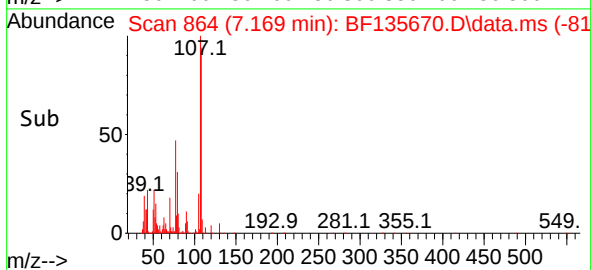
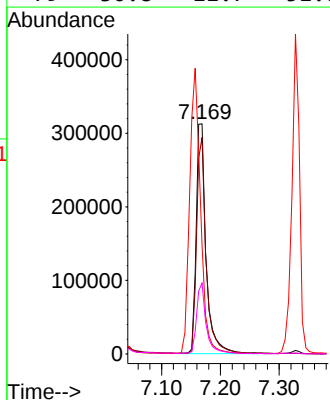
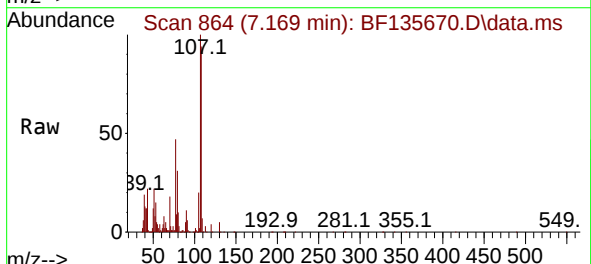
Manual Integrations
APPROVED

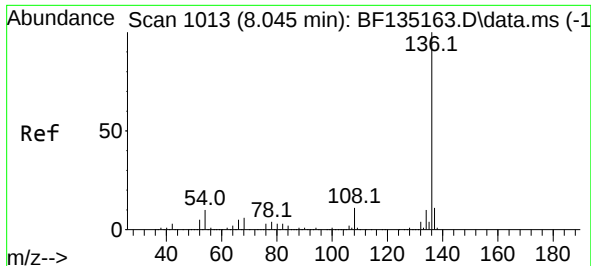
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#20
3+4-Methylphenols
Concen: 45.519 ng
RT: 7.169 min Scan# 864
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

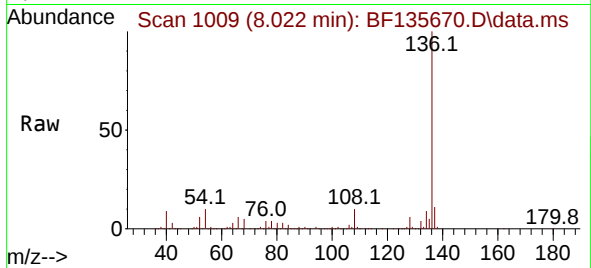
Tgt Ion:107 Resp: 367000
Ion Ratio Lower Upper
107 100
108 94.1 74.7 114.7
77 47.3 102.0 142.0#
79 30.8 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.022 min Scan# 1013
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

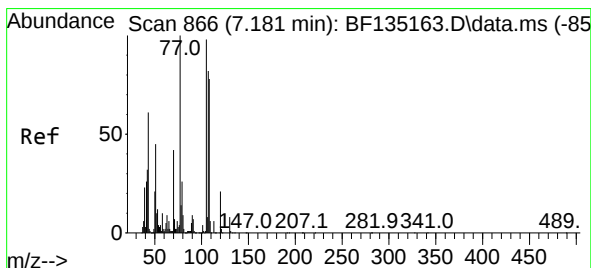
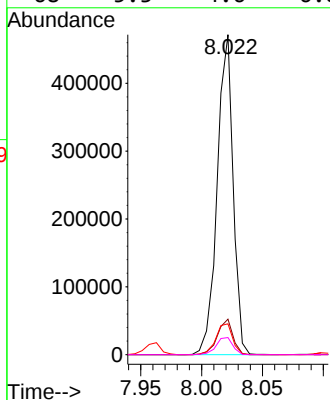
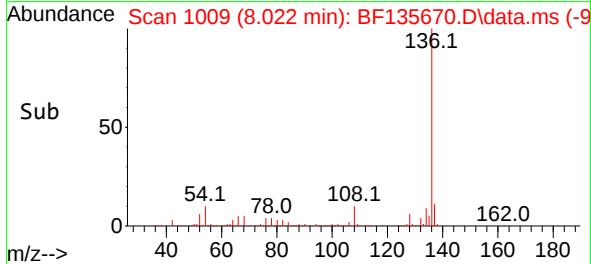
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:136 Resp: 430568
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 9.7 7.7 11.5
68 5.3 4.6 6.8

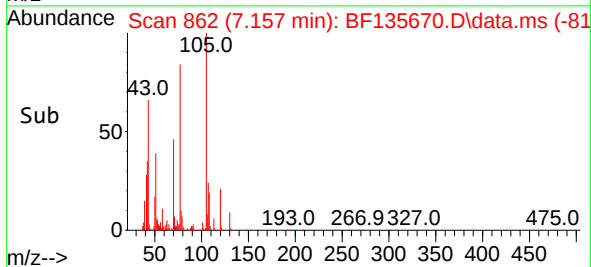
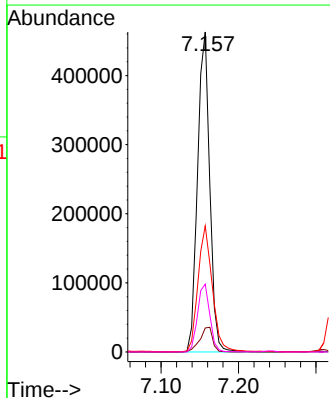
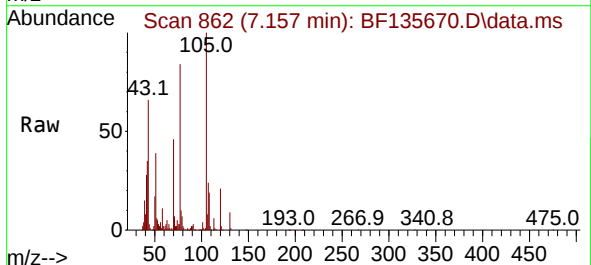
Manual Integrations
APPROVED

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



#22
Acetophenone
Concen: 51.280 ng
RT: 7.157 min Scan# 862
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:105 Resp: 504796
Ion Ratio Lower Upper
105 100
71 7.5 5.8 8.6
51 39.4 37.0 55.4
120 21.2 17.0 25.6





#23

Nitrobenzene-d5

Concen: 64.835 ng

RT: 7.310 min Scan# 890

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

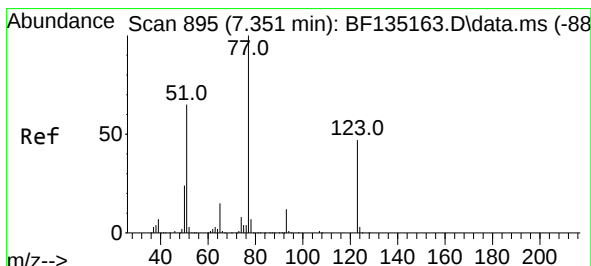
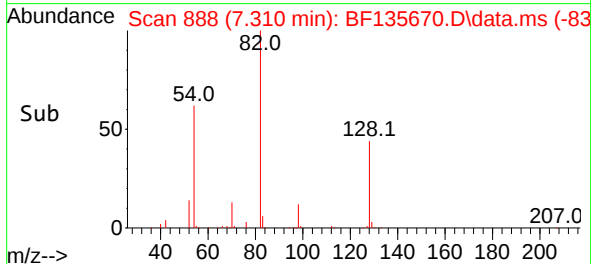
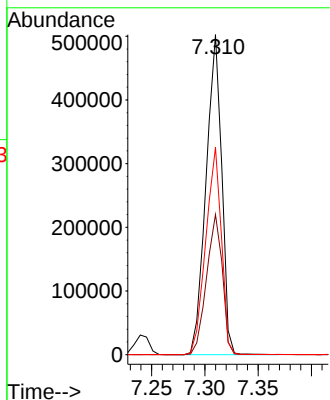
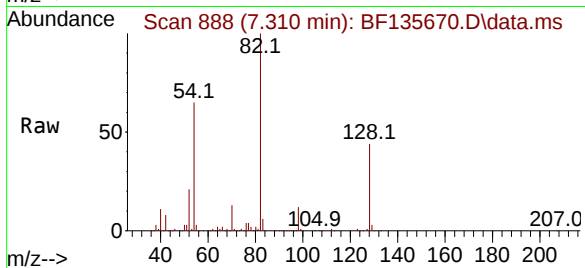
TP-1MSD

Tgt Ion: 82 Resp: 513820

Ion	Ratio	Lower	Upper
82	100		
128	43.8	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 10/11/2023



#24

Nitrobenzene

Concen: 50.100 ng

RT: 7.328 min Scan# 891

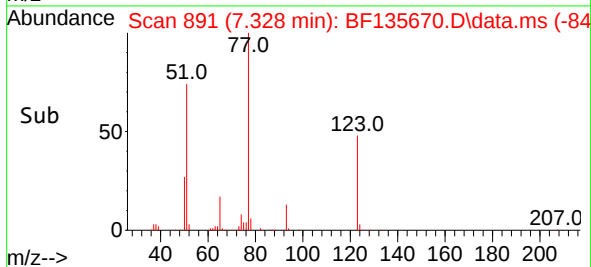
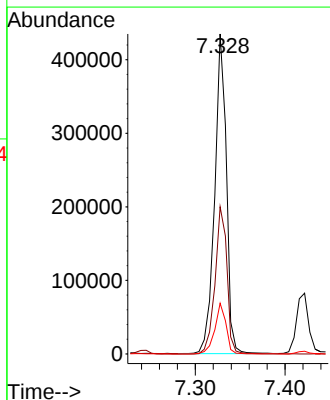
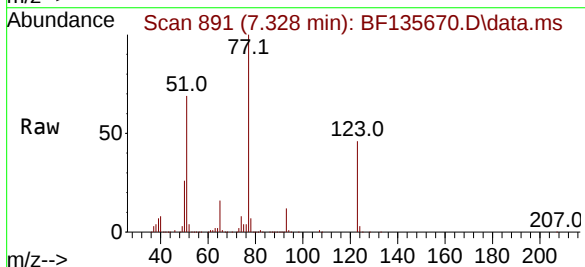
Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion: 77 Resp: 392440

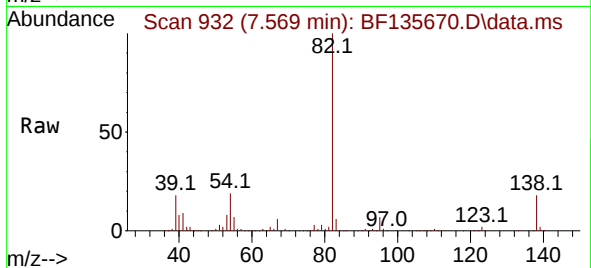
Ion	Ratio	Lower	Upper
77	100		
123	46.0	37.6	56.4
65	15.8	12.2	18.4





#25
Isophorone
Concen: 49.171 ng
RT: 7.569 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

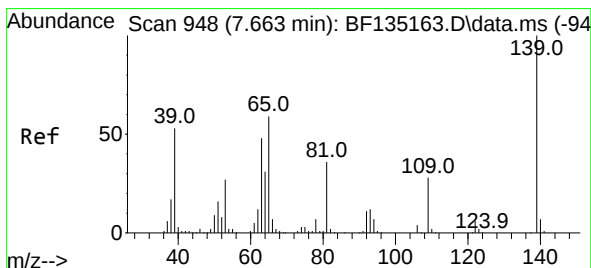
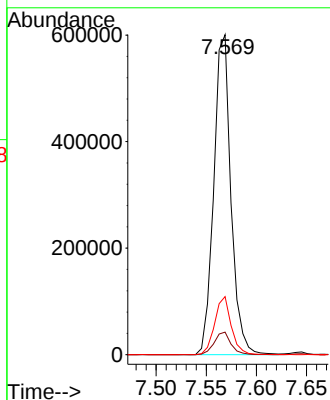
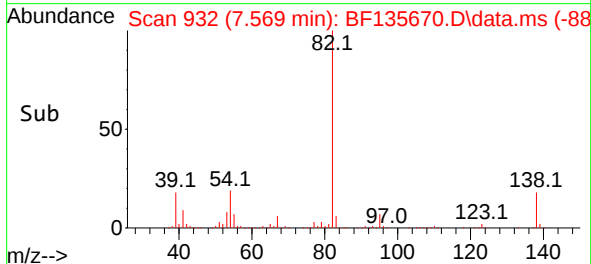
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 82 Resp: 71556
Ion Ratio Lower Upper
82 100
95 7.1 6.0 9.0
138 18.1 14.5 21.7

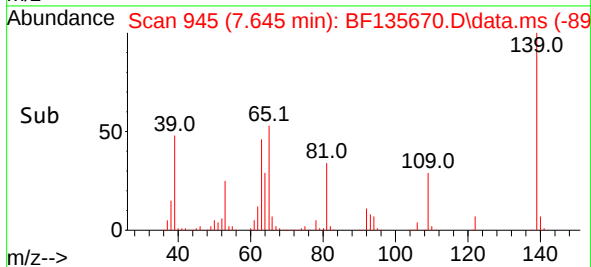
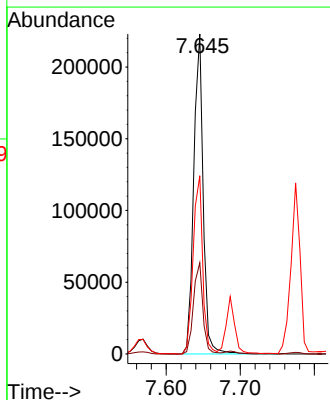
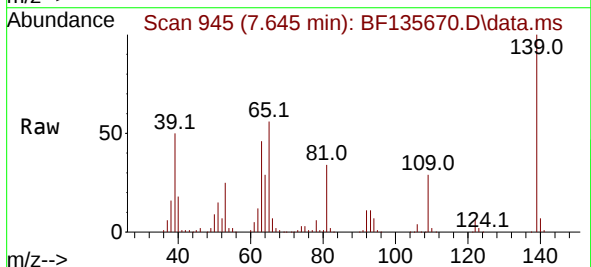
Manual Integrations
APPROVED

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



#26
2-Nitrophenol
Concen: 52.492 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:139 Resp: 197343
Ion Ratio Lower Upper
139 100
109 28.5 22.6 33.8
65 55.7 47.0 70.4





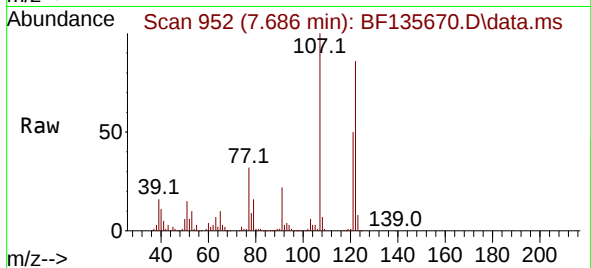
#27
2,4-Dimethylphenol
Concen: 44.897 ng
RT: 7.686 min Scan# 911
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

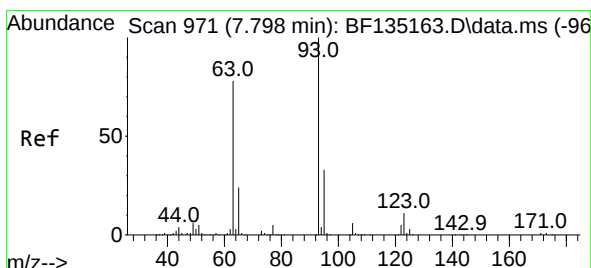
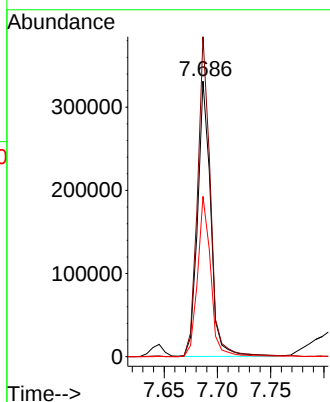
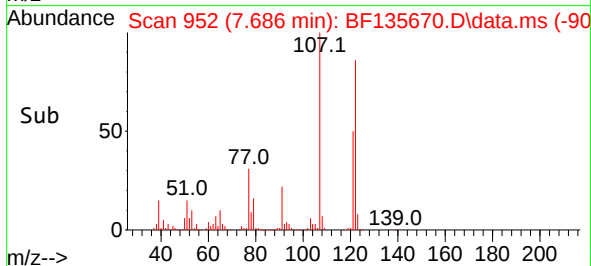


Tgt Ion:122 Resp: 283718
Ion Ratio Lower Upper
122 100
107 116.2 90.2 135.4
121 58.2 46.3 69.5

Manual Integrations

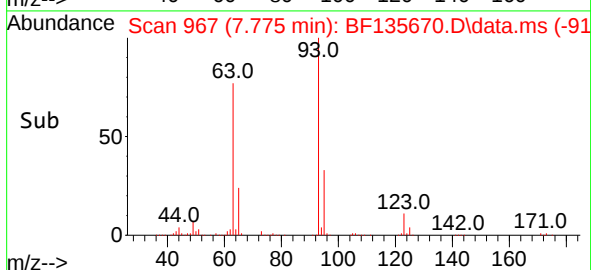
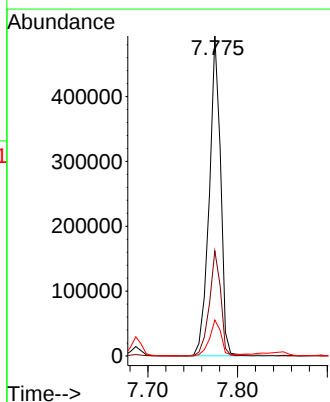
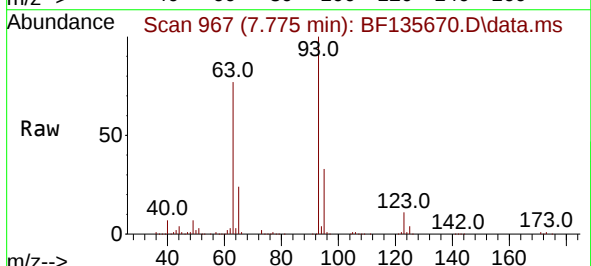
APPROVED

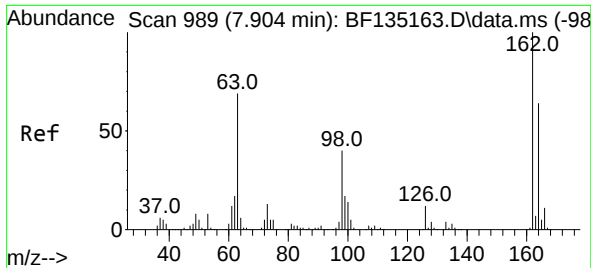
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#28
bis(2-Chloroethoxy)methane
Concen: 49.652 ng
RT: 7.775 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 93 Resp: 432482
Ion Ratio Lower Upper
93 100
95 32.9 26.2 39.2
123 11.3 8.8 13.2





#29

2,4-Dichlorophenol

Concen: 52.361 ng

RT: 7.892 min Scan# 990

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

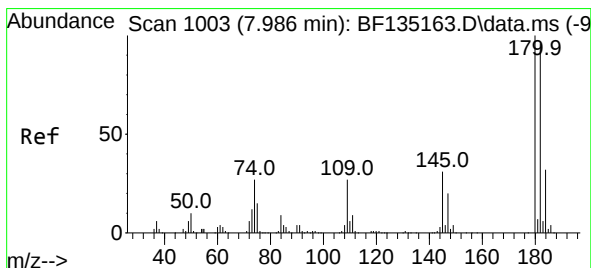
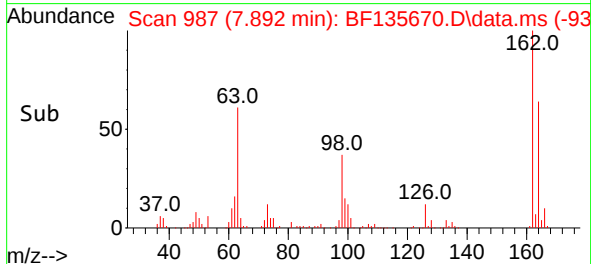
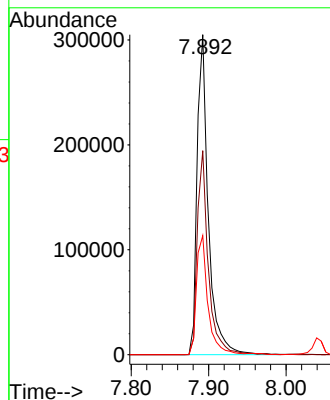
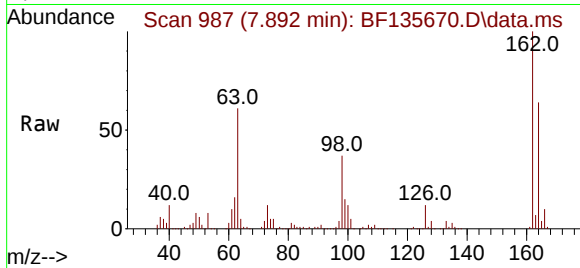
Tgt Ion:162	Resp: 306608
Ion Ratio	Lower Upper
162 100	
164 63.8	44.1 84.1
98 37.2	20.3 60.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#30

1,2,4-Trichlorobenzene

Concen: 50.183 ng

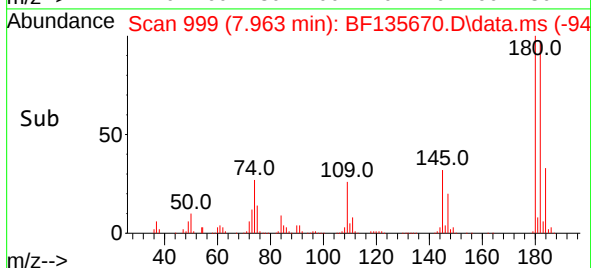
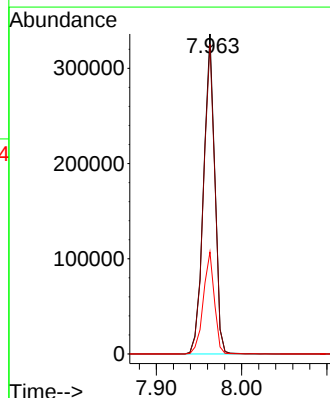
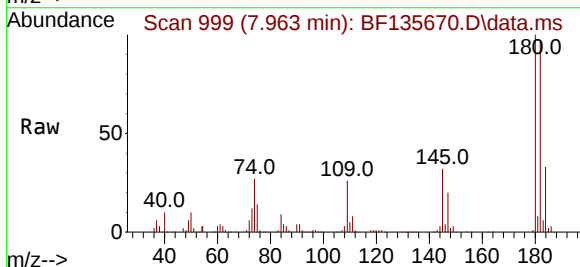
RT: 7.963 min Scan# 999

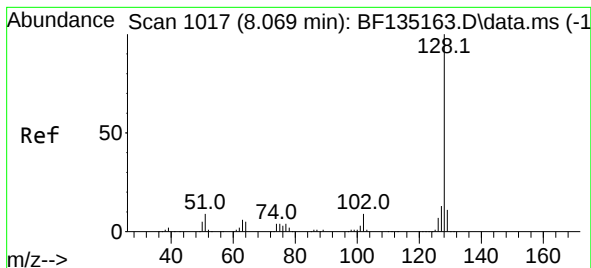
Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:180	Resp: 307139
Ion Ratio	Lower Upper
180 100	
182 96.7	76.9 115.3
145 31.8	24.5 36.7





#31

Naphthalene

Concen: 49.258 ng

RT: 8.039 min Scan# 1017

Delta R.T. 0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:128 Resp: 1030470

Ion Ratio Lower Upper

128 100

129 11.5 8.7 13.1

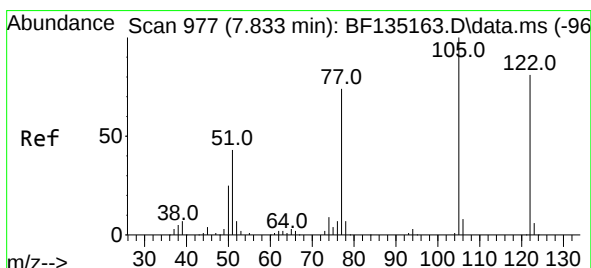
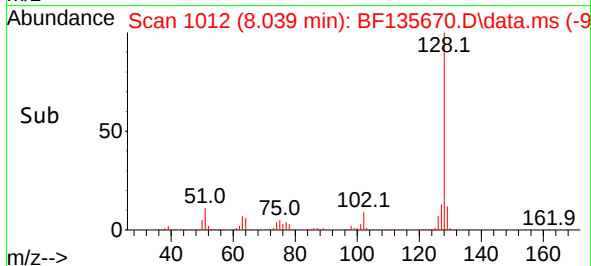
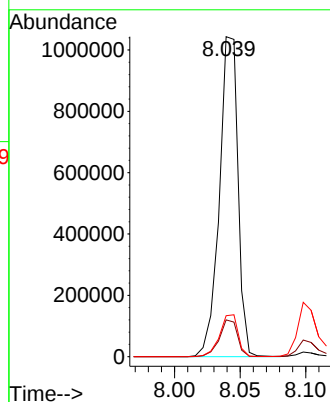
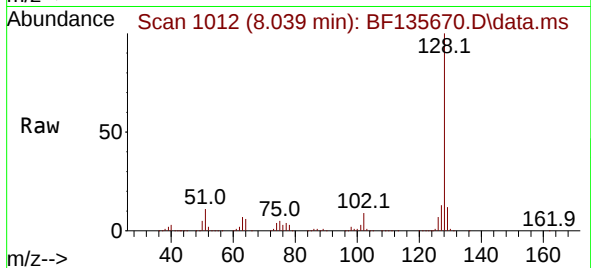
127 12.8 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#32

Benzoic acid

Concen: 45.078 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.029 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

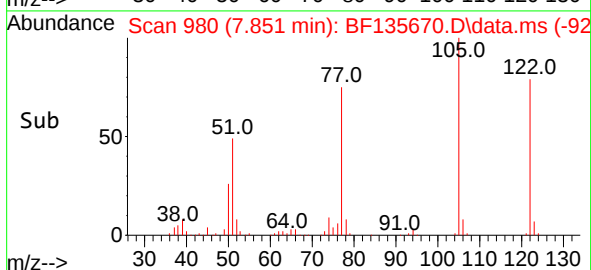
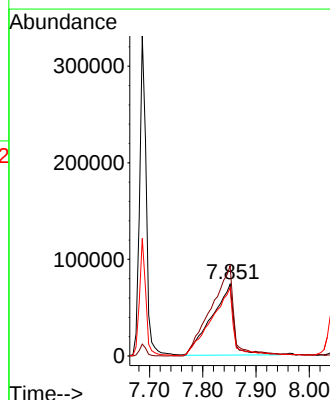
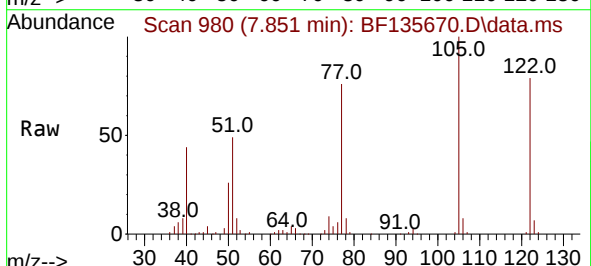
Tgt Ion:122 Resp: 214500

Ion Ratio Lower Upper

122 100

105 126.1 99.9 139.9

77 95.4 70.0 110.0





#33
4-Chloroaniline
Concen: 23.746 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

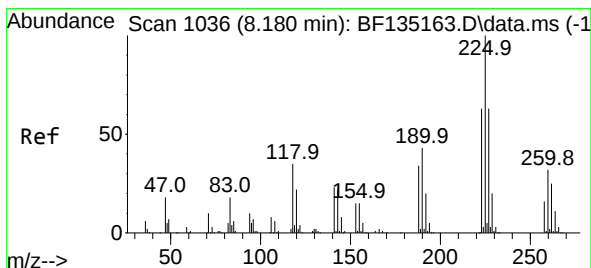
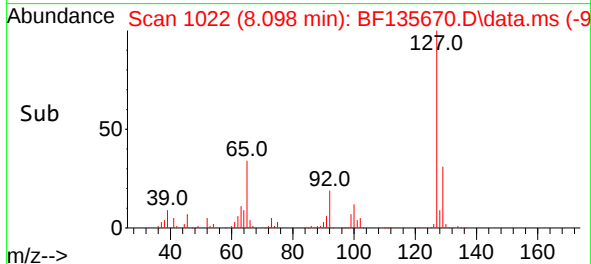
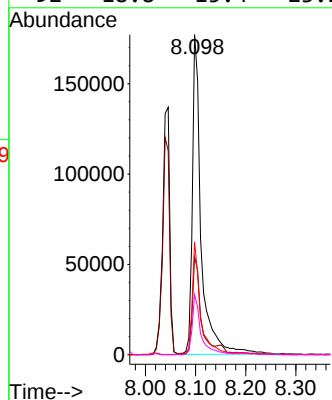
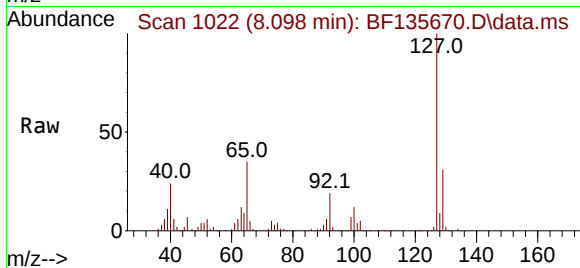
ClientSampleId :

TP-1MSD

Tgt Ion:127 Resp: 21795
Ion Ratio Lower Upper
127 100
129 30.6 25.8 38.8
65 35.2 26.6 39.8
92 18.8 15.4 23.2

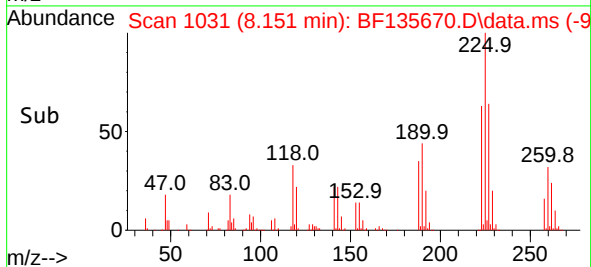
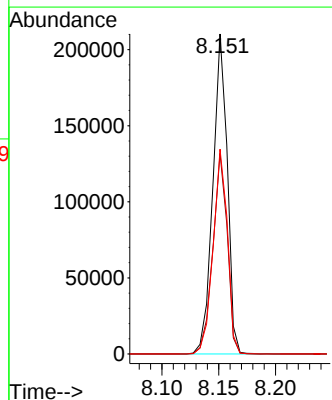
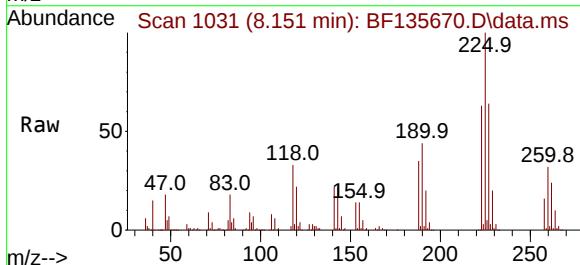
Manual Integrations
APPROVED

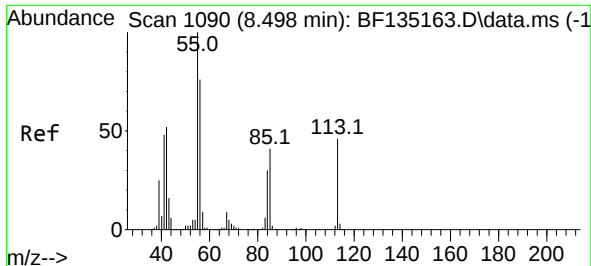
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#34
Hexachlorobutadiene
Concen: 50.084 ng
RT: 8.151 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

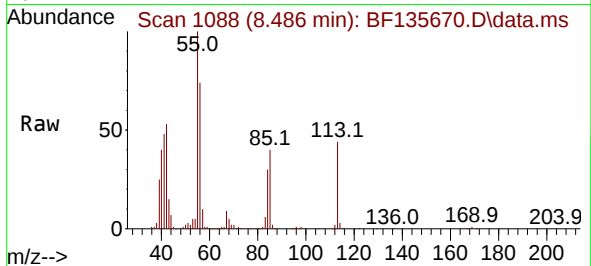
Tgt Ion:225 Resp: 184832
Ion Ratio Lower Upper
225 100
223 62.7 50.6 75.8
227 64.0 50.8 76.2





#35
Caprolactam
Concen: 50.741 ng m
RT: 8.486 min Scan# 1090
Delta R.T. 0.018 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

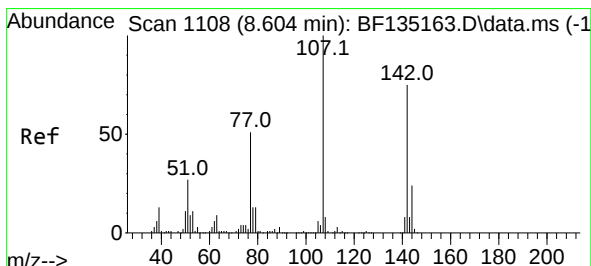
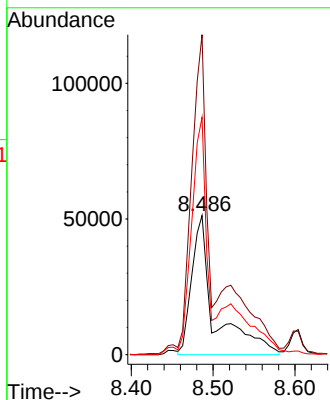
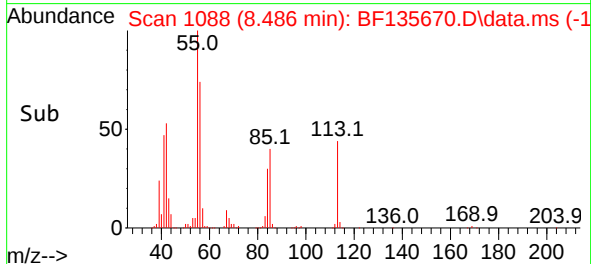
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:113 Resp: 99710
Ion Ratio Lower Upper
113 100
55 229.8 199.3 239.3
56 170.5 146.3 186.3

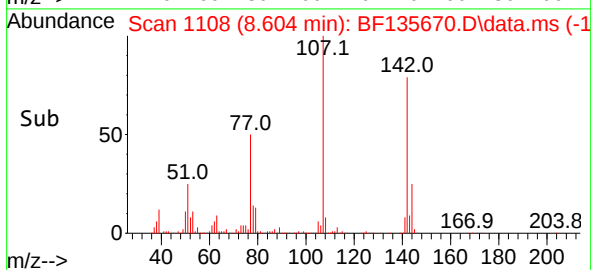
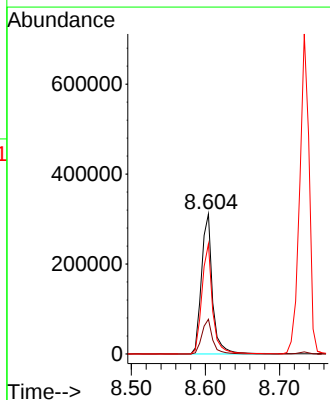
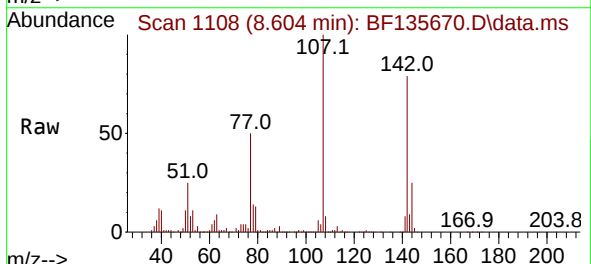
Manual Integrations
APPROVED

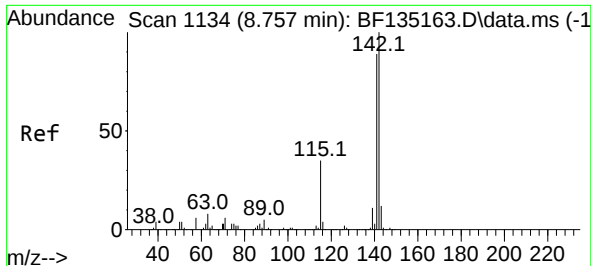
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#36
4-Chloro-3-methylphenol
Concen: 49.293 ng
RT: 8.604 min Scan# 1108
Delta R.T. 0.018 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:107 Resp: 320801
Ion Ratio Lower Upper
107 100
144 24.9 19.0 28.4
142 78.7 60.2 90.2





#37

2-Methylnaphthalene

Concen: 45.010 ng

RT: 8.733 min Scan# 1130

Delta R.T. -0.000 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:142 Resp: 63295

Ion Ratio Lower Upper

142 100

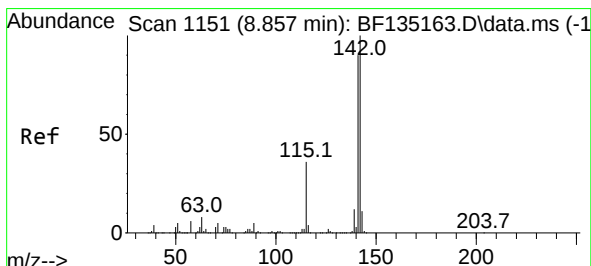
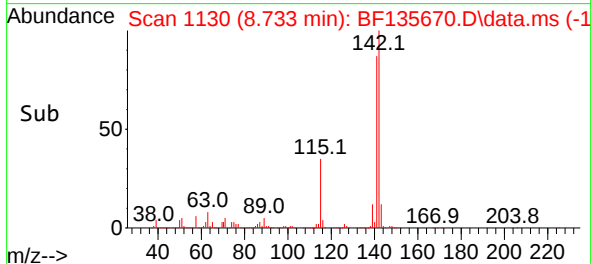
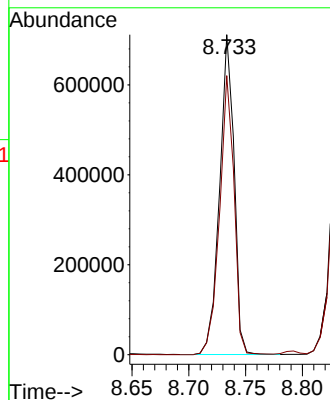
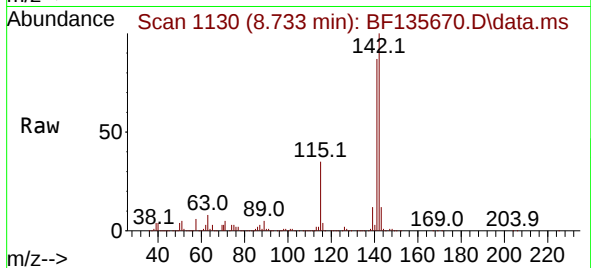
141 87.2 71.0 106.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#38

1-Methylnaphthalene

Concen: 46.241 ng

RT: 8.833 min Scan# 1147

Delta R.T. 0.006 min

Lab File: BF135670.D

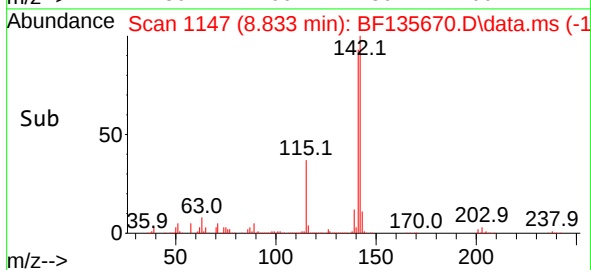
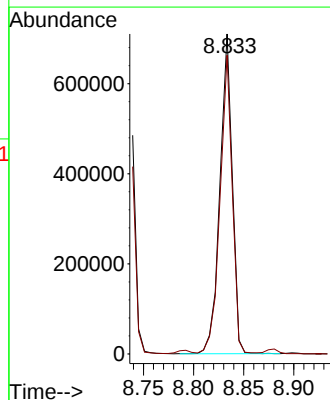
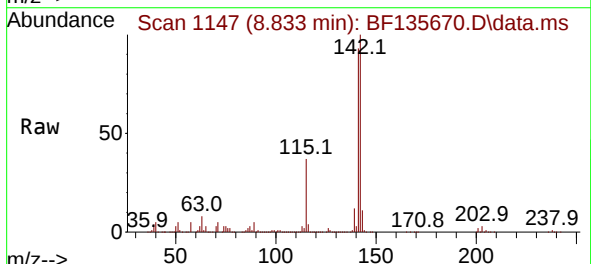
Acq: 10 Oct 2023 01:16

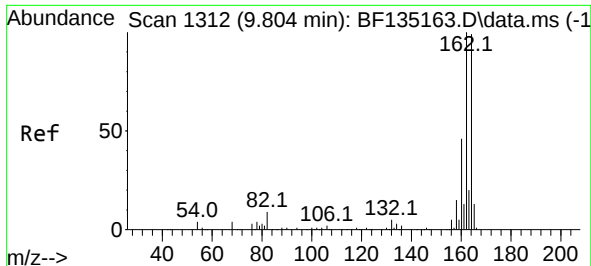
Tgt Ion:142 Resp: 608792

Ion Ratio Lower Upper

142 100

141 93.3 72.4 108.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.780 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:164 Resp: 203369

Ion Ratio Lower Upper

164 100

162 97.6 81.0 121.4

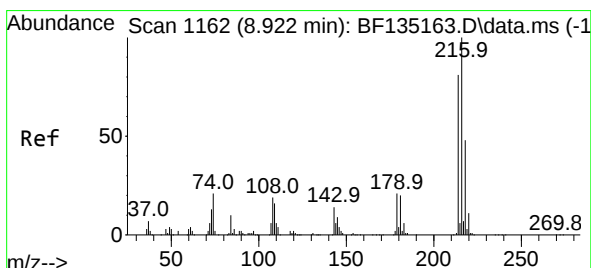
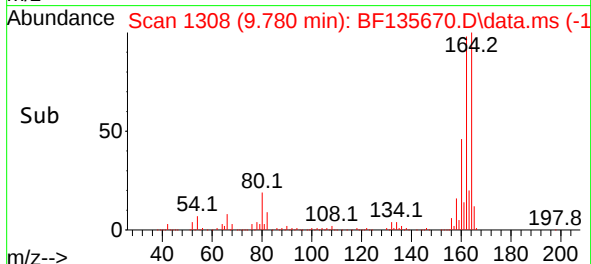
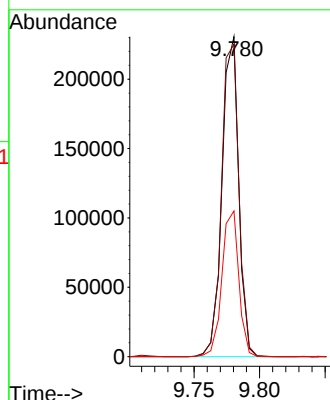
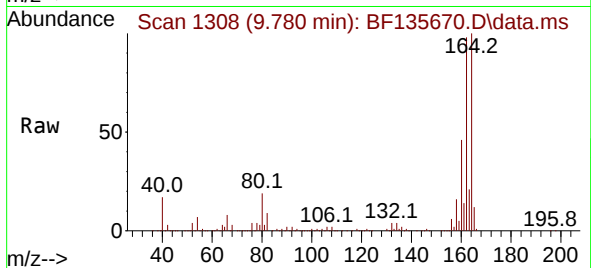
160 45.6 37.0 55.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 52.766 ng

RT: 8.904 min Scan# 1159

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:216 Resp: 310888

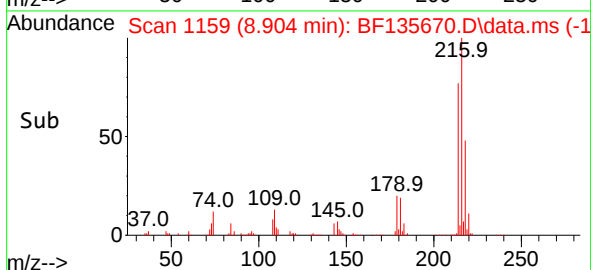
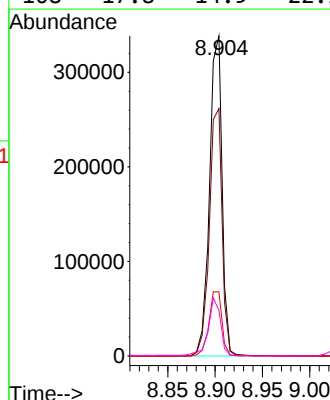
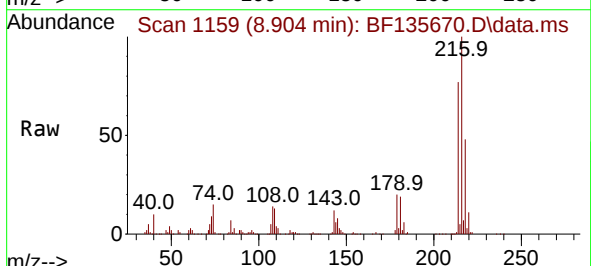
Ion Ratio Lower Upper

216 100

214 78.7 63.7 95.5

179 20.9 16.7 25.1

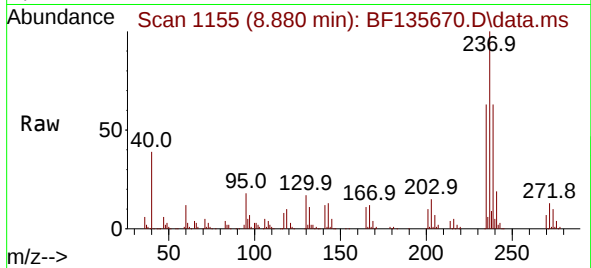
108 17.8 14.9 22.3





#41
Hexachlorocyclopentadiene
Concen: 32.707 ng
RT: 8.880 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

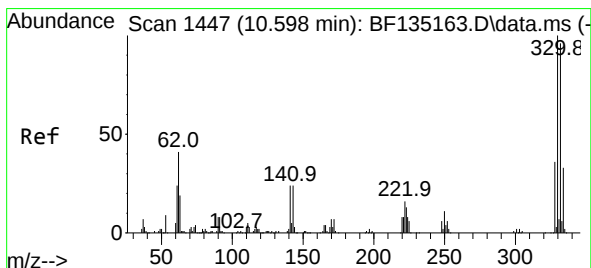
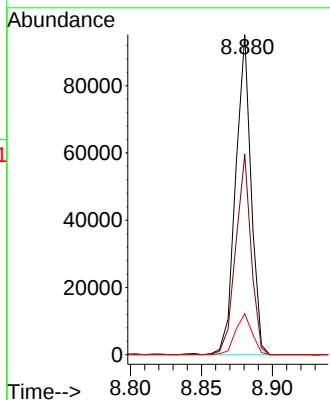
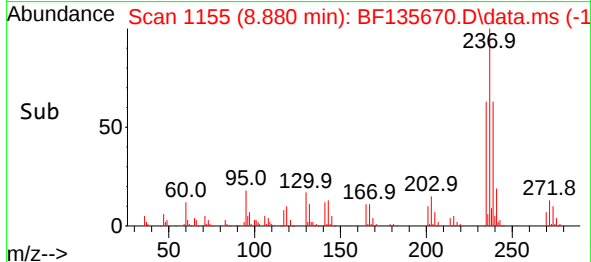
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



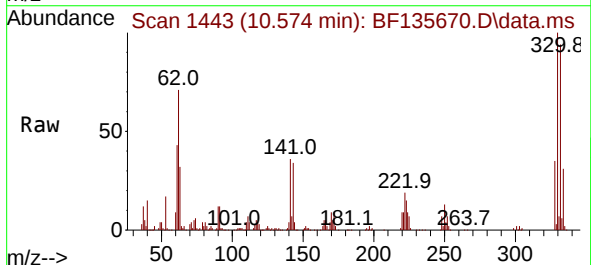
Tgt Ion:237 Resp: 72420
Ion Ratio Lower Upper
237 100
235 62.7 41.8 81.8
272 12.8 0.0 33.6

Manual Integrations
APPROVED

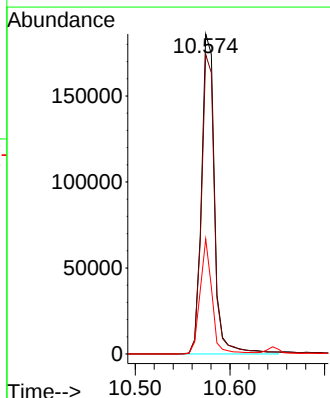
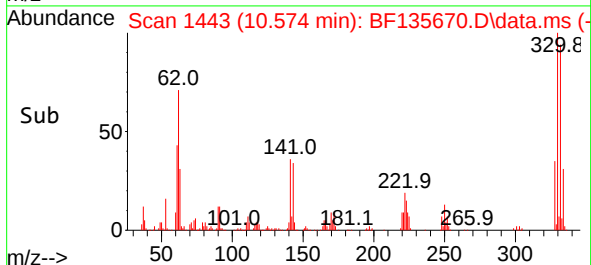
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

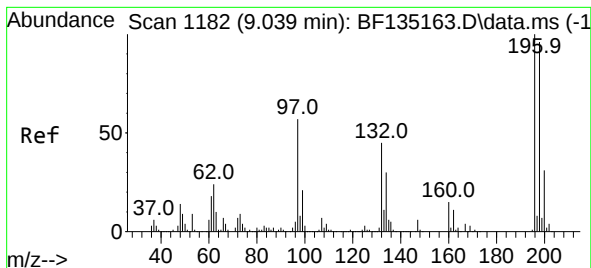


#42
2,4,6-Tribromophenol
Concen: 88.320 ng
RT: 10.574 min Scan# 1443
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16



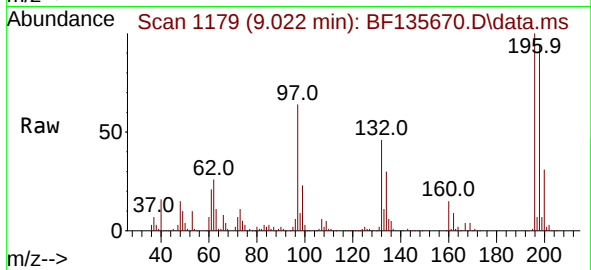
Tgt Ion:330 Resp: 178495
Ion Ratio Lower Upper
330 100
332 96.0 77.3 115.9
141 32.9 25.8 38.8





#43
2,4,6-Trichlorophenol
Concen: 51.615 ng
RT: 9.022 min Scan# 1182
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

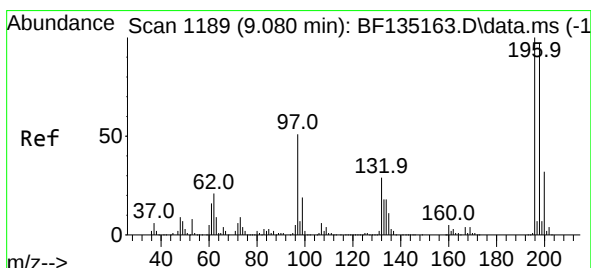
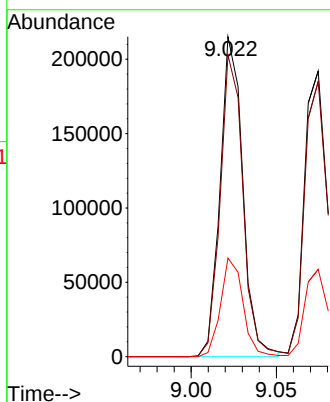
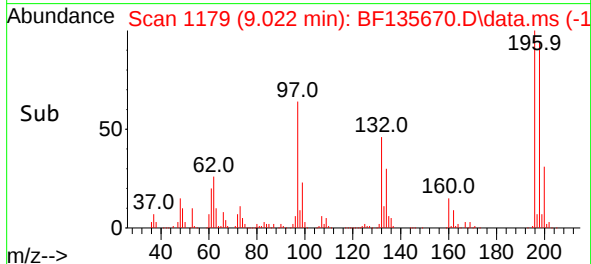
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



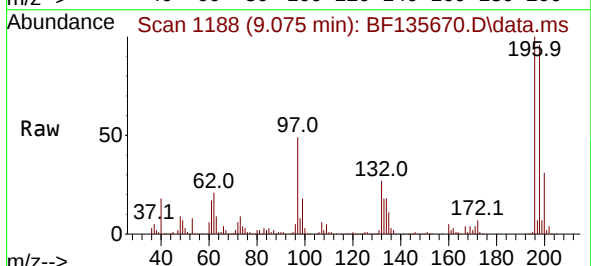
Tgt Ion:196 Resp: 199109
Ion Ratio Lower Upper
196 100
198 94.2 77.0 115.6
200 30.8 24.5 36.7

Manual Integrations
APPROVED

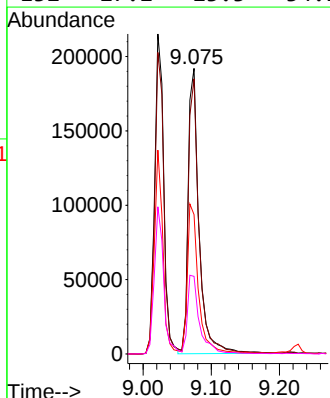
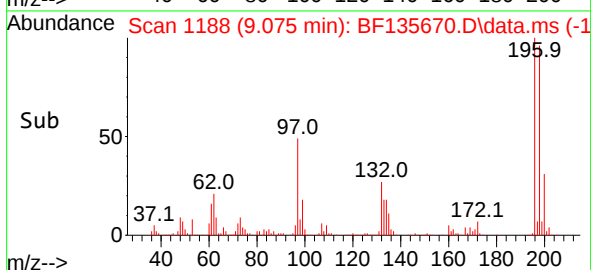
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

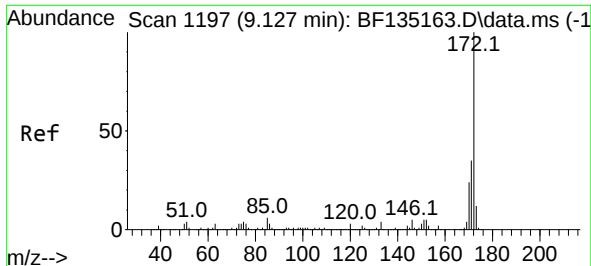


#44
2,4,5-Trichlorophenol
Concen: 47.503 ng
RT: 9.075 min Scan# 1188
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16



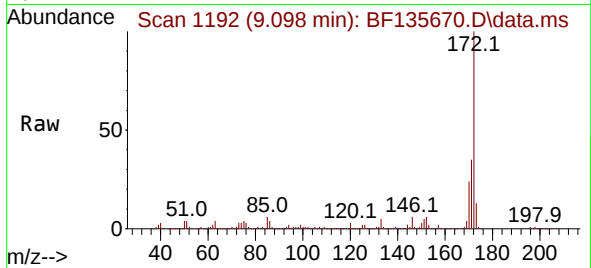
Tgt Ion:196 Resp: 211028
Ion Ratio Lower Upper
196 100
198 96.4 77.5 116.3
97 48.8 40.5 60.7
132 27.2 23.3 34.9





#45
2-Fluorobiphenyl
Concen: 66.731 ng
RT: 9.098 min Scan# 1197
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

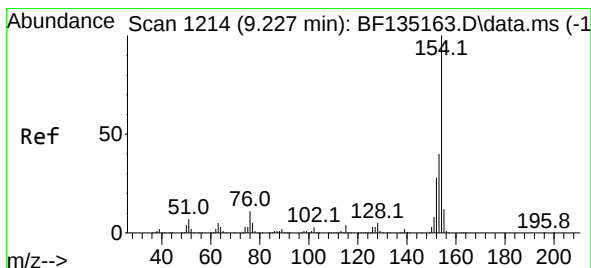
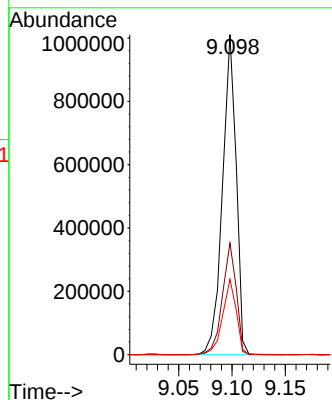
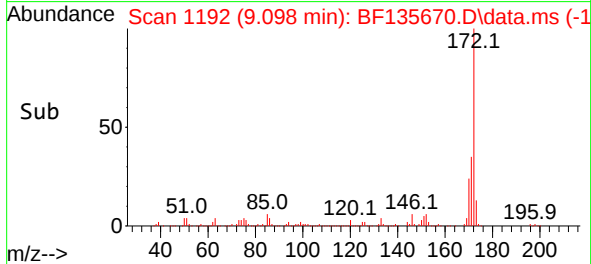
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:172 Resp: 899500
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 19.0 28.4

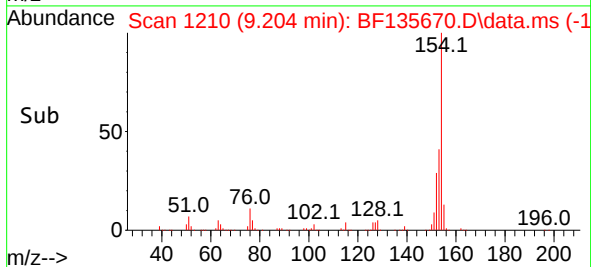
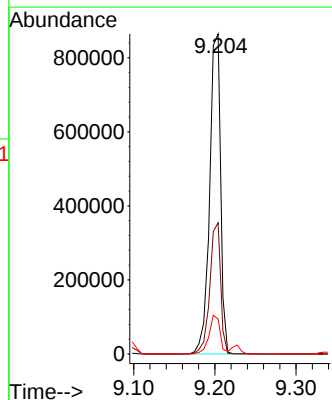
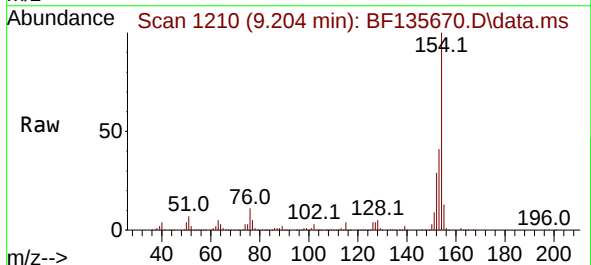
Manual Integrations
APPROVED

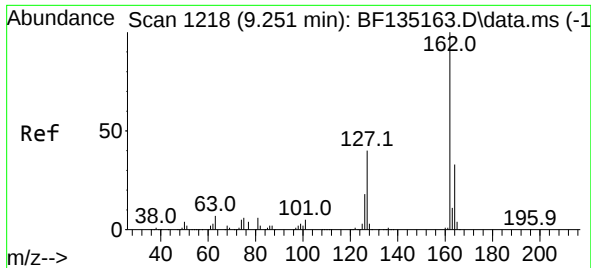
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#46
1,1'-Biphenyl
Concen: 51.748 ng
RT: 9.204 min Scan# 1210
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

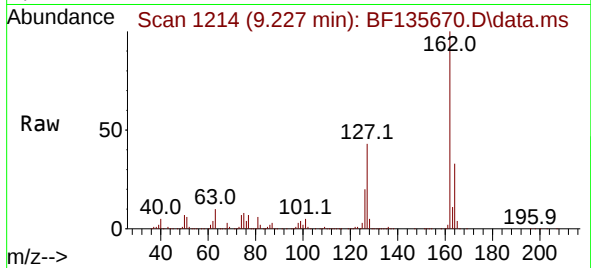
Tgt Ion:154 Resp: 808745
Ion Ratio Lower Upper
154 100
153 41.0 19.6 59.6
76 11.0 0.0 31.0





#47
2-Chloronaphthalene
Concen: 51.925 ng
RT: 9.227 min Scan# 1214
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

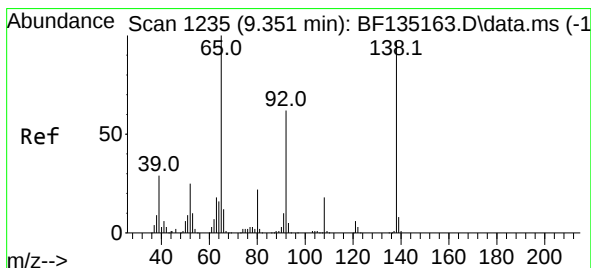
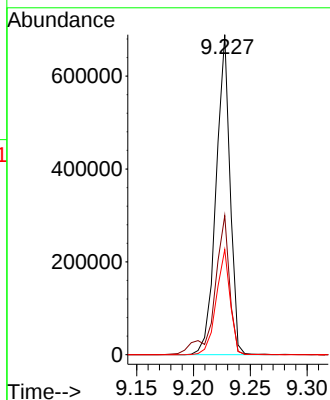
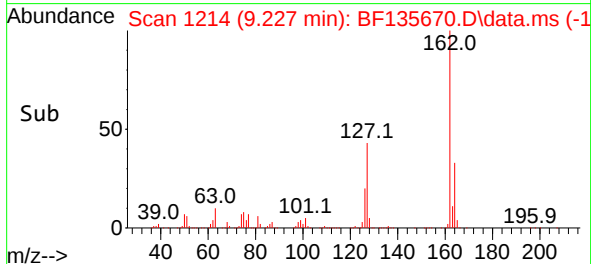
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:162 Resp: 588799
Ion Ratio Lower Upper
162 100
127 43.4 32.6 48.8
164 32.9 26.2 39.2

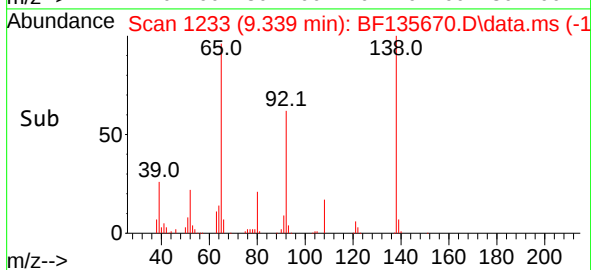
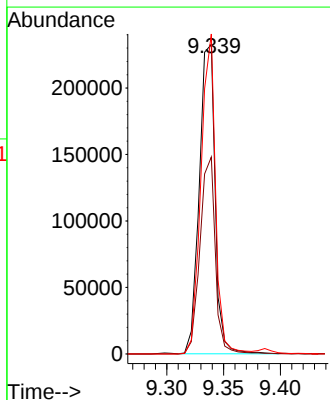
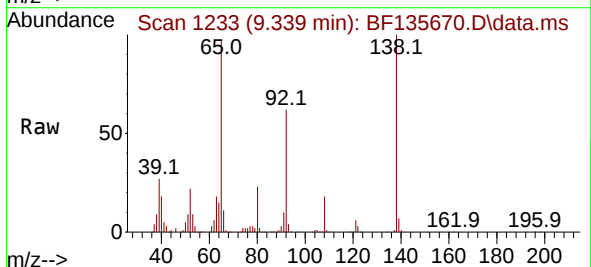
Manual Integrations
APPROVED

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



#48
2-Nitroaniline
Concen: 51.349 ng
RT: 9.339 min Scan# 1233
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion: 65 Resp: 226210
Ion Ratio Lower Upper
65 100
92 63.7 49.4 74.0
138 103.4 77.4 116.0





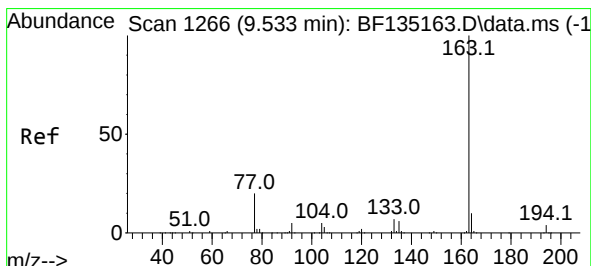
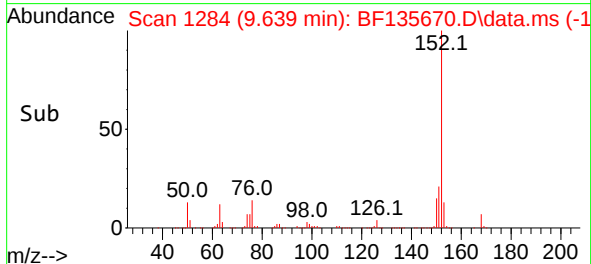
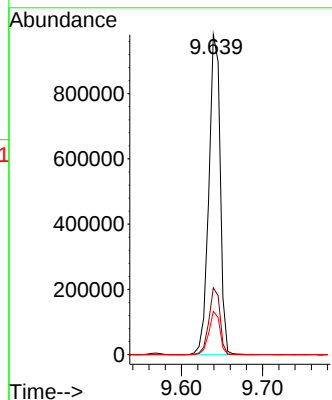
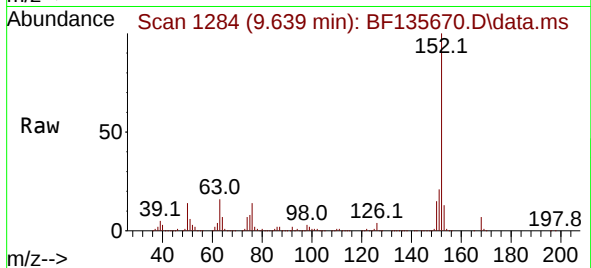
#49
Acenaphthylene
Concen: 50.348 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:152 Resp: 948820
Ion Ratio Lower Upper
152 100
151 20.9 16.4 24.6
153 13.5 10.4 15.6

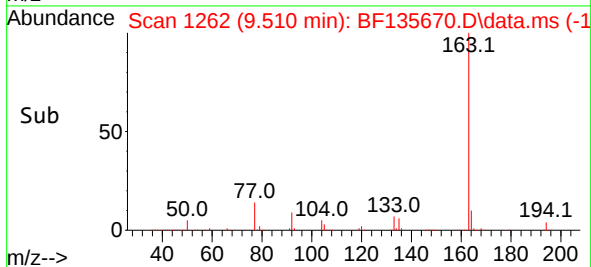
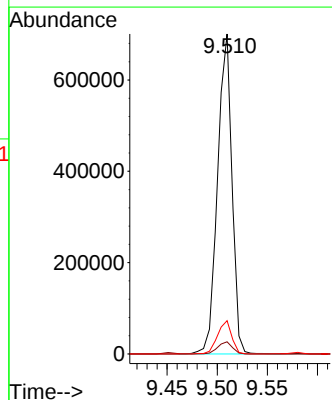
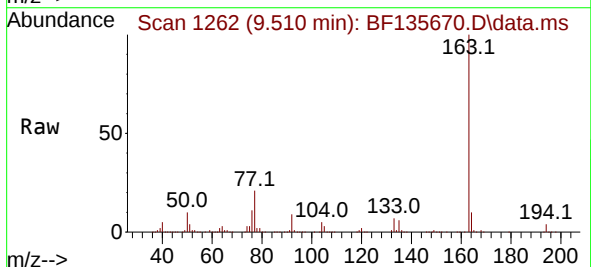
Manual Integrations
APPROVED

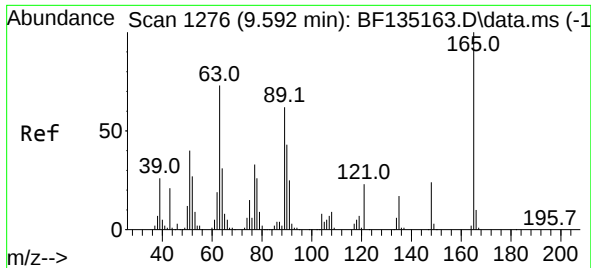
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#50
Dimethylphthalate
Concen: 50.882 ng
RT: 9.510 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

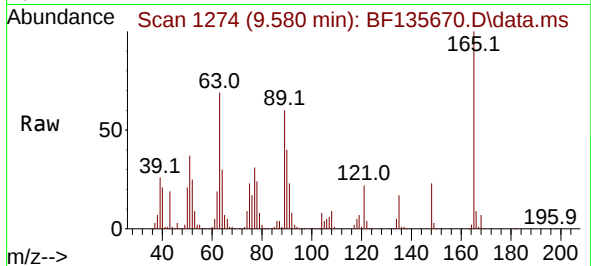
Tgt Ion:163 Resp: 699614
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.4 8.1 12.1





#51
2,6-Dinitrotoluene
Concen: 50.426 ng
RT: 9.580 min Scan# 1276
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

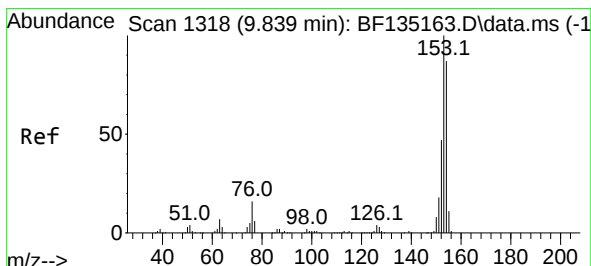
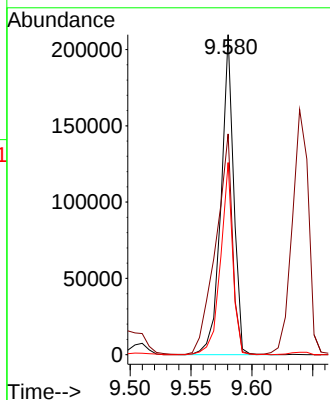
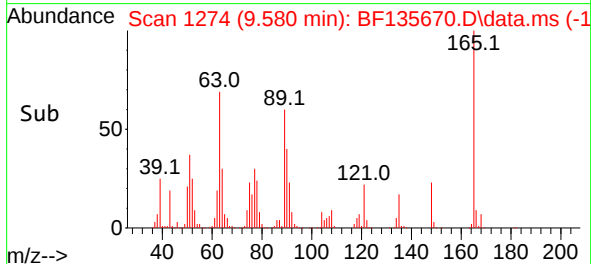
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:165 Resp: 151890
Ion Ratio Lower Upper
165 100
63 69.0 59.4 89.2
89 60.1 49.8 74.8

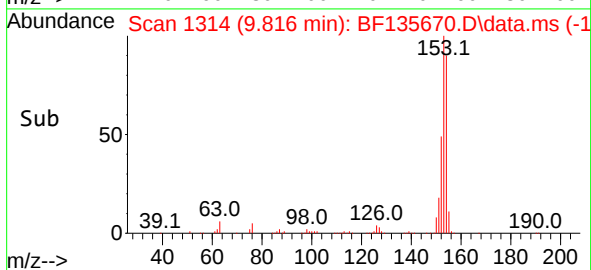
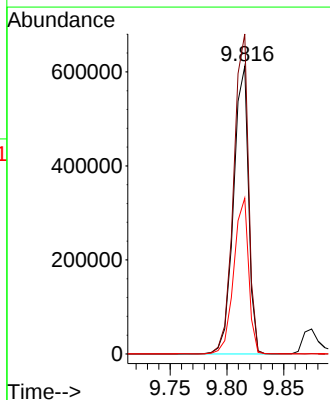
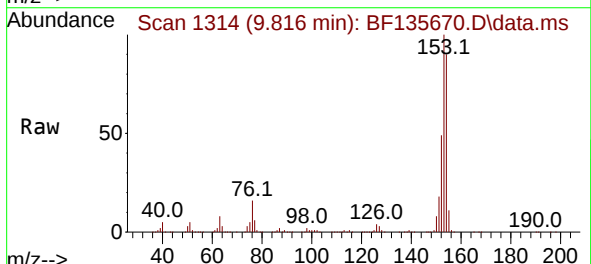
Manual Integrations
APPROVED

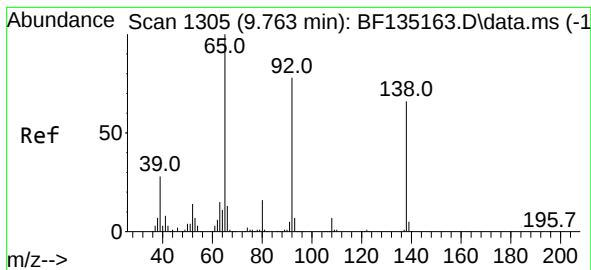
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#52
Acenaphthene
Concen: 50.477 ng
RT: 9.816 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:154 Resp: 561948
Ion Ratio Lower Upper
154 100
153 111.3 92.1 138.1
152 54.2 43.1 64.7





#53
3-Nitroaniline
Concen: 35.264 ng
RT: 9.751 min Scan# 1303
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

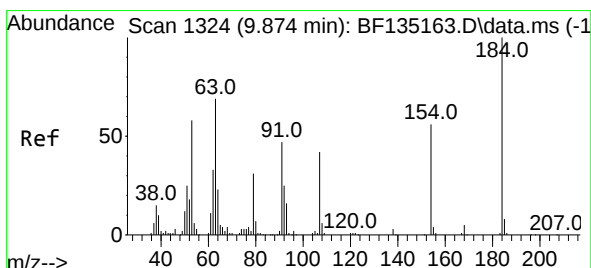
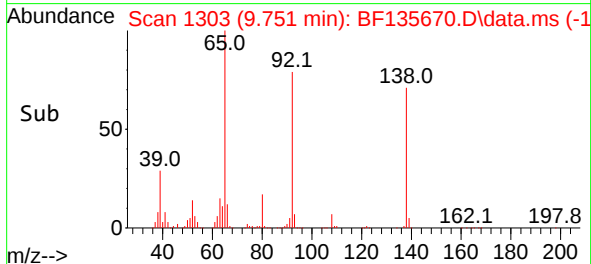
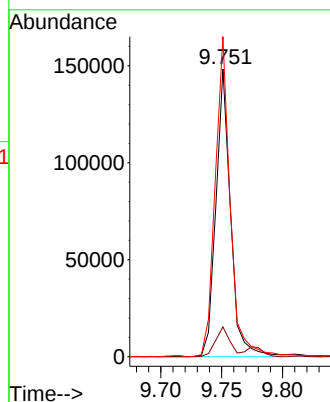
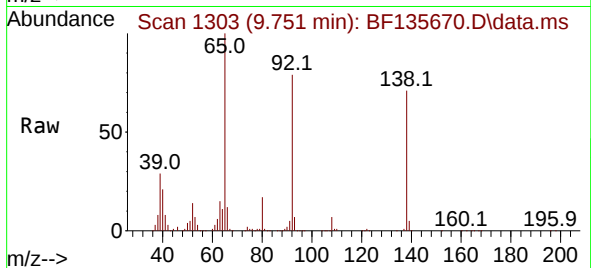
ClientSampleId :

TP-1MSD

Tgt Ion:138 Resp: 12468
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 111.3 95.4 143.0

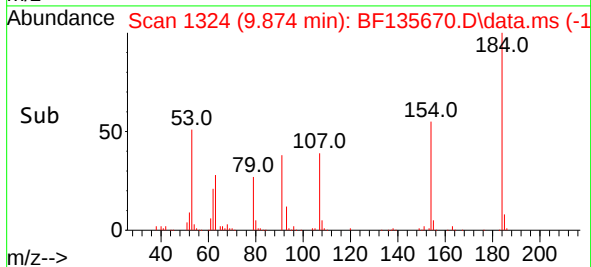
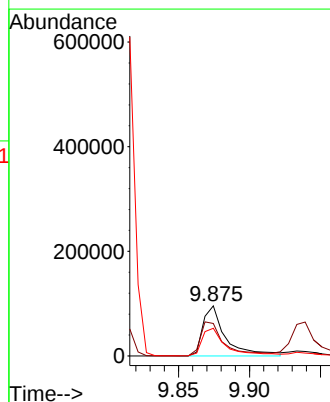
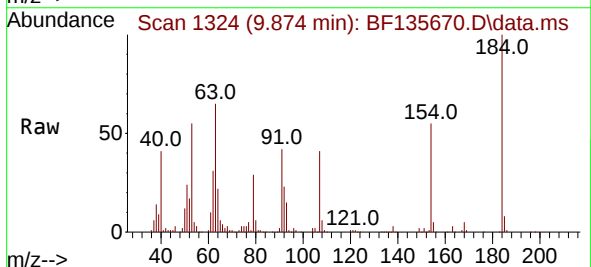
Manual Integrations
APPROVED

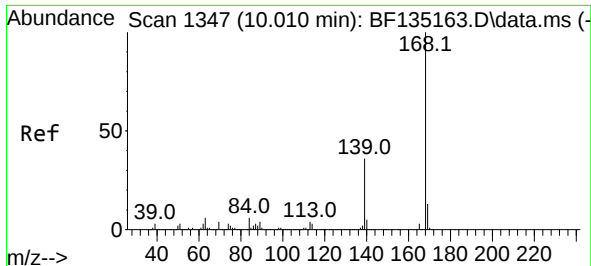
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#54
2,4-Dinitrophenol
Concen: 64.088 ng
RT: 9.874 min Scan# 1324
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:184 Resp: 107284
Ion Ratio Lower Upper
184 100
63 65.1 55.1 82.7
154 55.4 48.4 72.6





#55

Dibenzofuran

Concen: 48.233 ng

RT: 9.986 min Scan# 1347

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

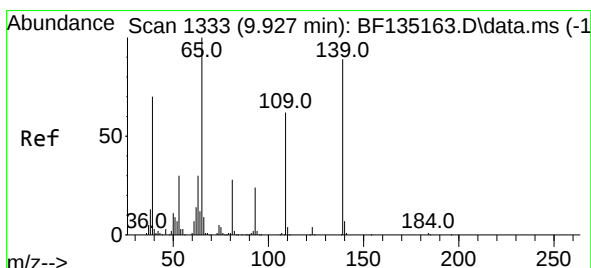
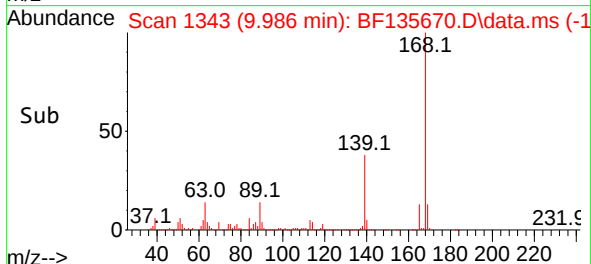
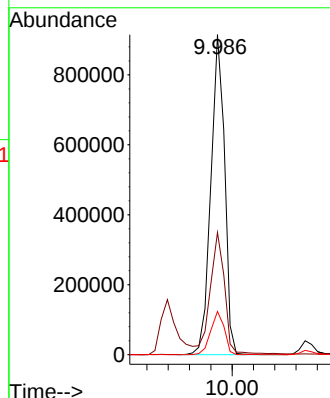
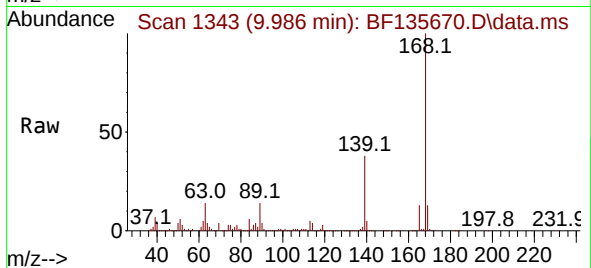
Tgt Ion:168 Resp: 819410
 Ion Ratio Lower Upper
 168 100
 139 38.2 29.0 43.6
 169 13.5 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#56

4-Nitrophenol

Concen: 72.624 ng

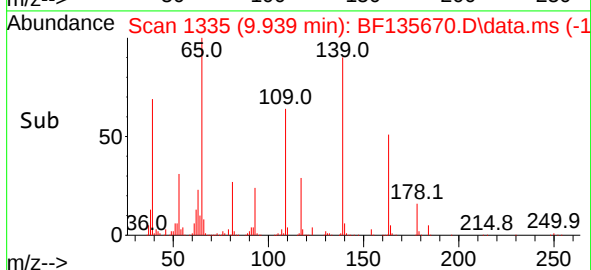
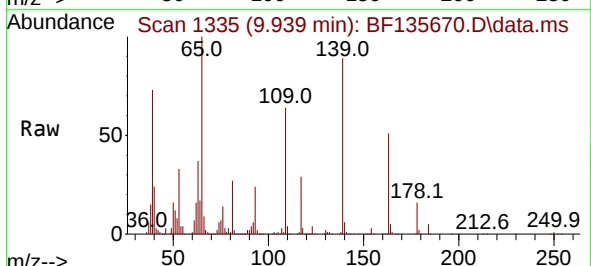
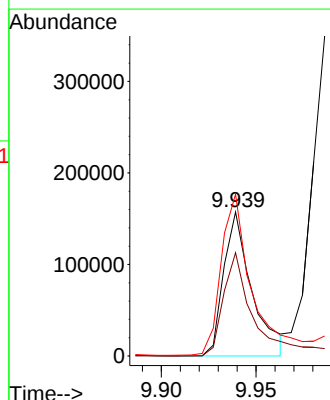
RT: 9.939 min Scan# 1335

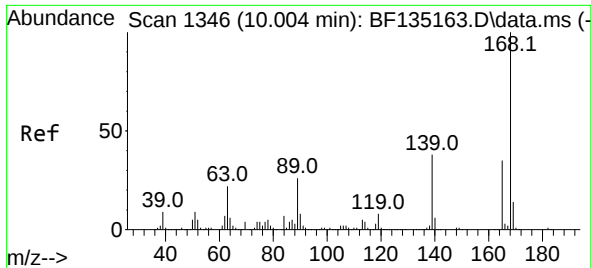
Delta R.T. 0.012 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:139 Resp: 163197
 Ion Ratio Lower Upper
 139 100
 109 71.7 49.8 89.8
 65 112.3 92.7 132.7





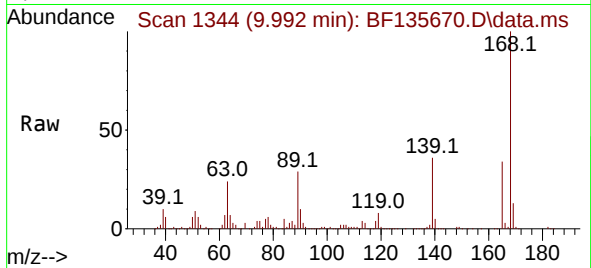
#57
2,4-Dinitrotoluene
Concen: 47.795 ng
RT: 9.992 min Scan# 1344
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

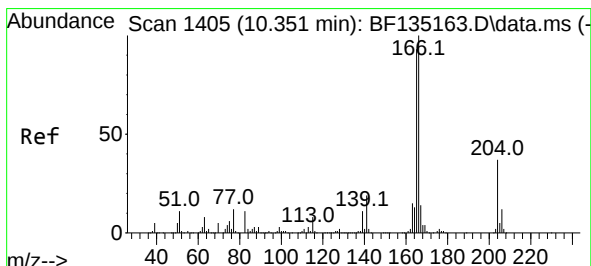
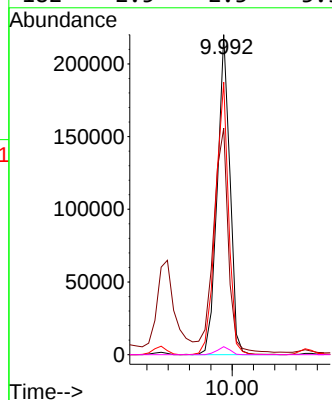
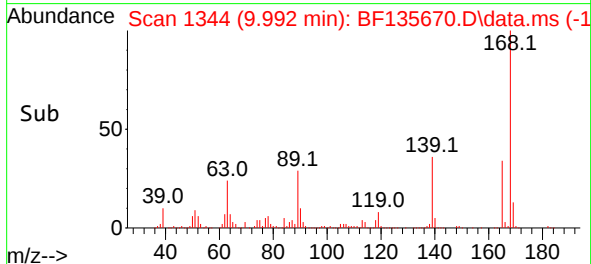


Tgt Ion:165 Resp: 18023
Ion Ratio Lower Upper
165 100
63 70.8 50.1 75.1
89 85.1 59.3 88.9
182 2.5 2.3 3.5

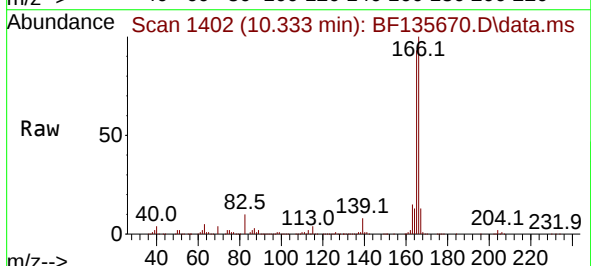
Manual Integrations

APPROVED

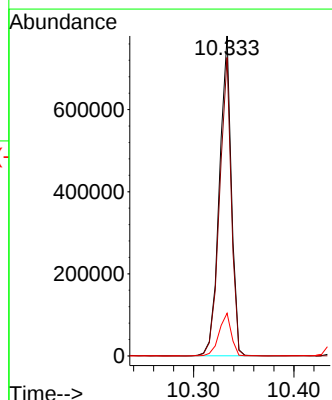
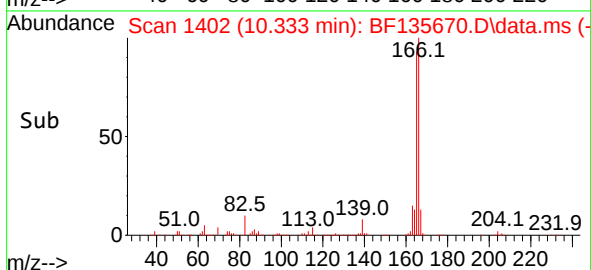
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

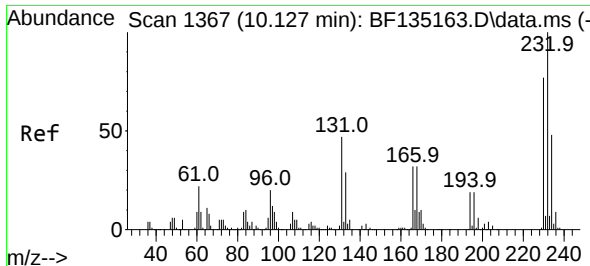


#58
Fluorene
Concen: 49.192 ng
RT: 10.333 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16



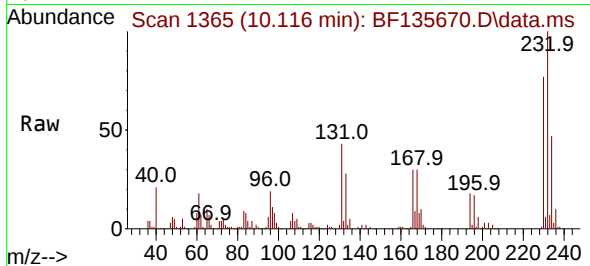
Tgt Ion:166 Resp: 642449
Ion Ratio Lower Upper
166 100
165 93.3 74.3 111.5
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 46.731 ng
RT: 10.116 min Scan# 1365
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

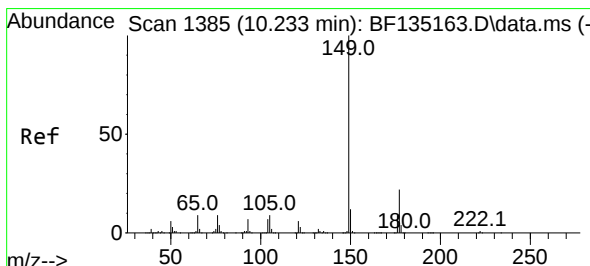
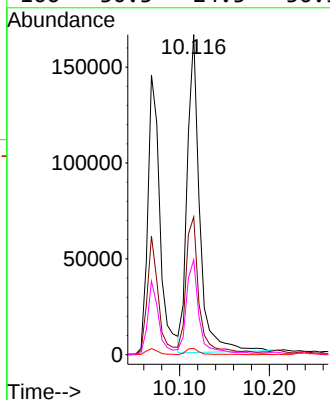
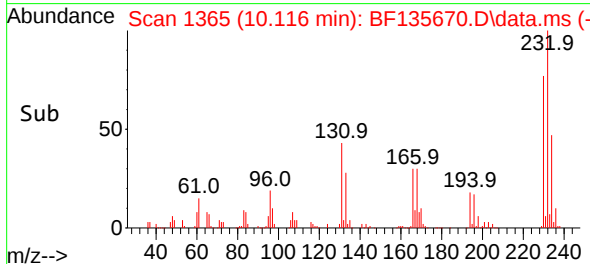
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:232 Resp: 15969
Ion Ratio Lower Upper
232 100
131 45.0 35.4 53.2
130 2.1 1.8 2.8
166 30.3 24.3 36.5

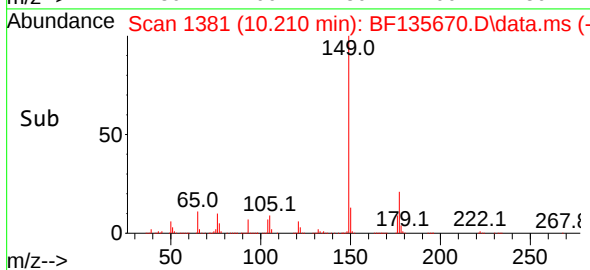
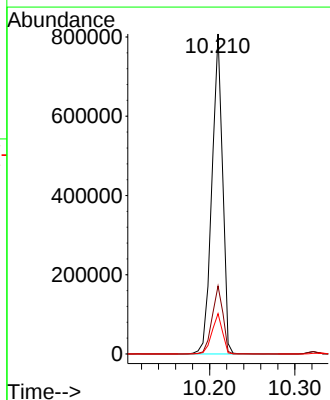
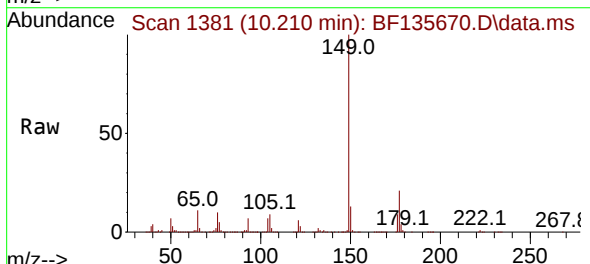
Manual Integrations
APPROVED

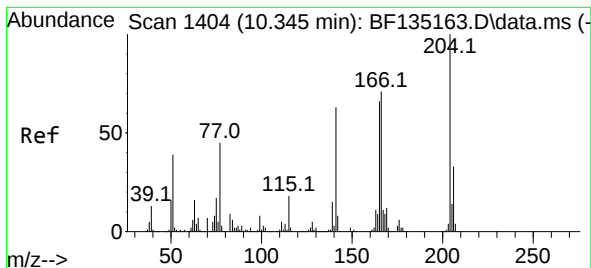
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#60
Diethylphthalate
Concen: 50.990 ng
RT: 10.210 min Scan# 1381
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

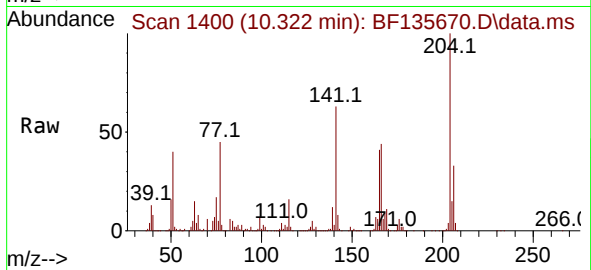
Tgt Ion:149 Resp: 703622
Ion Ratio Lower Upper
149 100
177 21.3 17.8 26.6
150 12.6 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 48.941 ng
RT: 10.322 min Scan# 1400
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

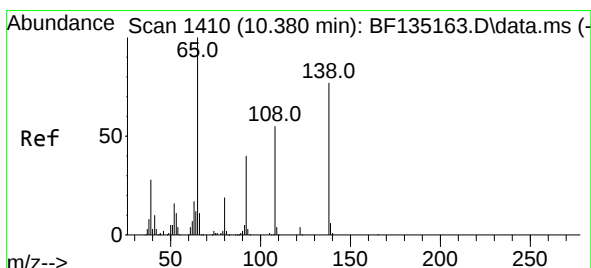
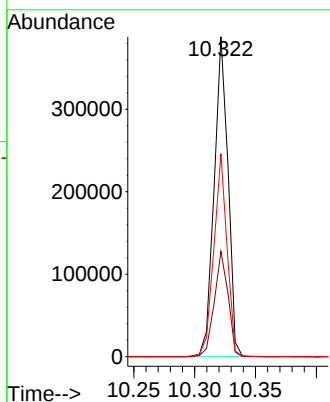
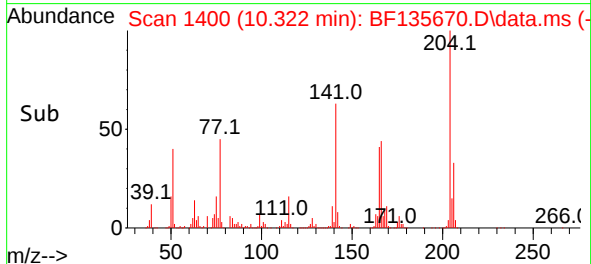
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:204 Resp: 30704
Ion Ratio Lower Upper
204 100
206 32.9 26.7 40.1
141 63.5 50.6 75.8

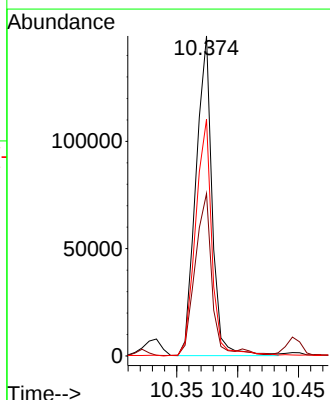
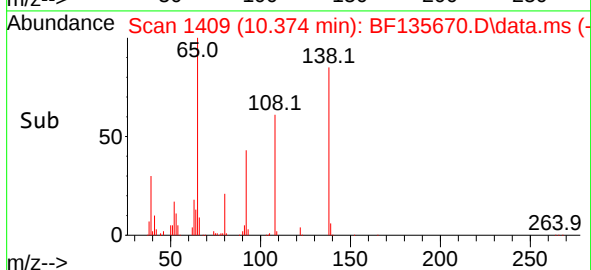
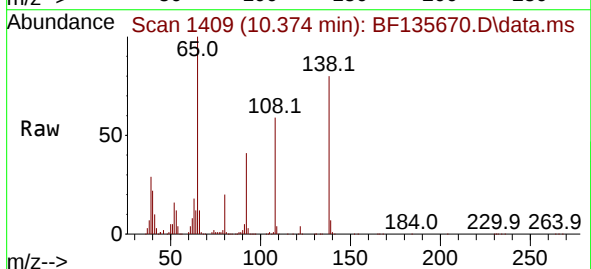
Manual Integrations
APPROVED

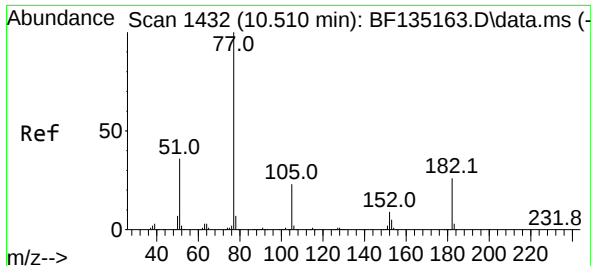
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#62
4-Nitroaniline
Concen: 40.673 ng
RT: 10.374 min Scan# 1409
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

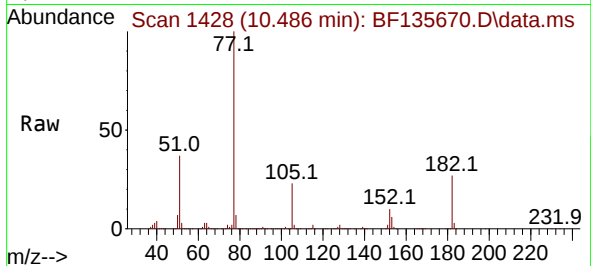
Tgt Ion:138 Resp: 138237
Ion Ratio Lower Upper
138 100
92 50.8 31.8 71.8
108 73.9 52.0 92.0





#63
Azobenzene
Concen: 48.412 ng
RT: 10.486 min Scan# 1432
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

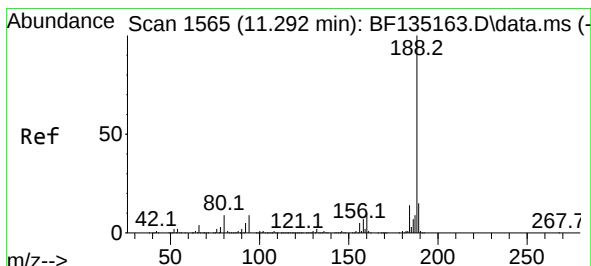
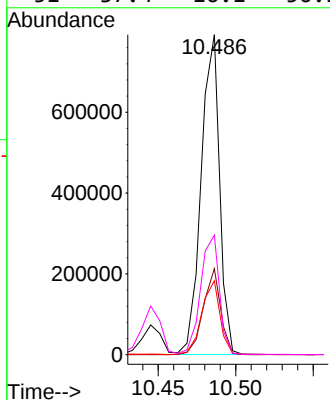
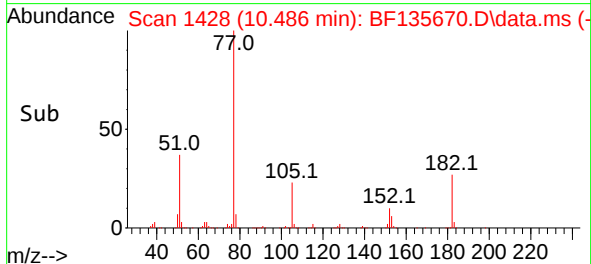
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion: 77 Resp: 653800
Ion Ratio Lower Upper
77 100
182 26.9 6.4 46.4
105 23.1 3.1 43.1
51 37.4 16.1 56.1

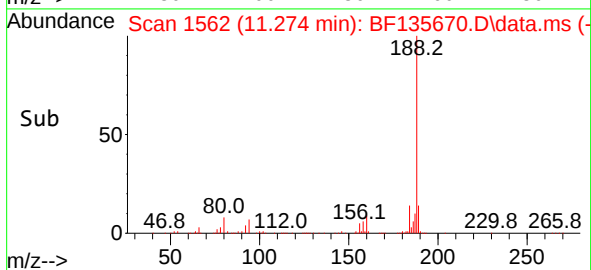
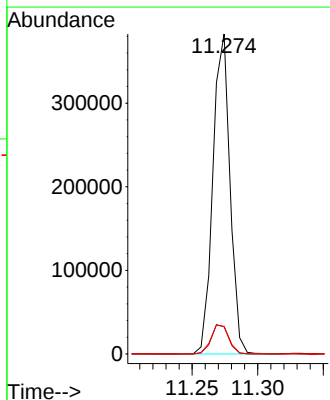
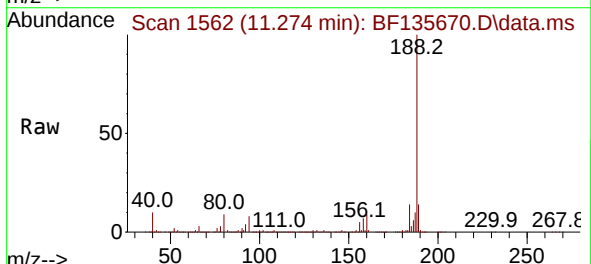
Manual Integrations
APPROVED

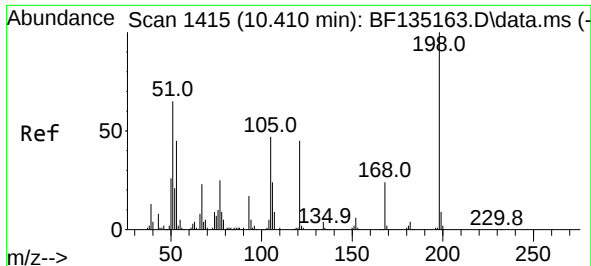
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.274 min Scan# 1562
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:188 Resp: 346248
Ion Ratio Lower Upper
188 100
94 8.5 7.0 10.6
80 8.6 7.5 11.3





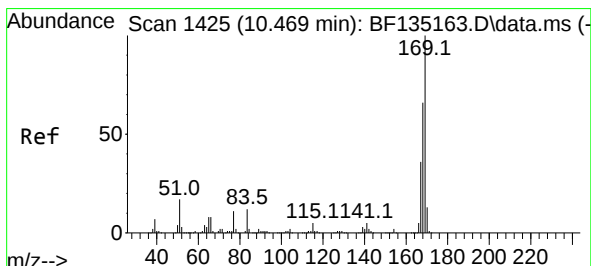
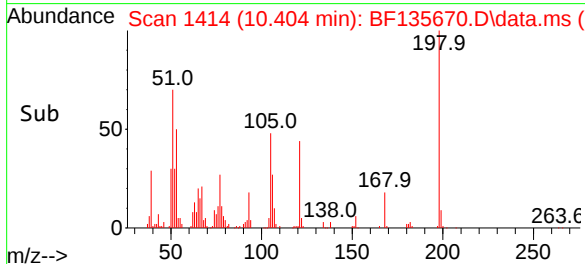
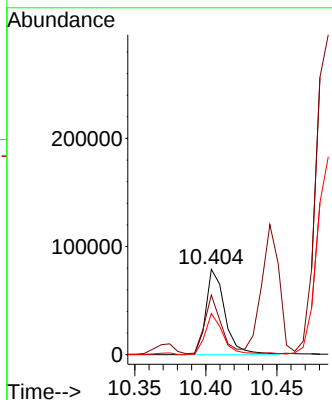
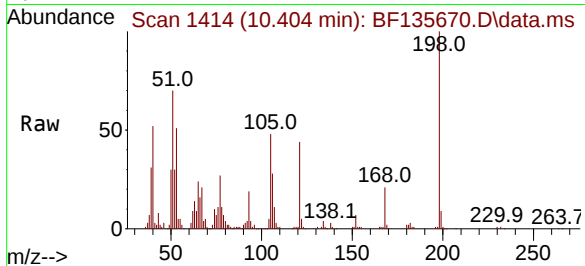
#65
4,6-Dinitro-2-methylphenol
Concen: 40.062 ng
RT: 10.404 min Scan# 1415
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:198 Resp: 73670
Ion Ratio Lower Upper
198 100
51 70.0 47.7 87.7
105 48.2 27.4 67.4

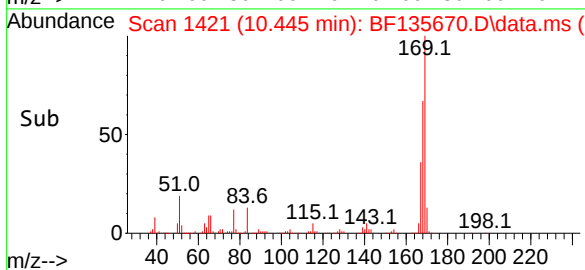
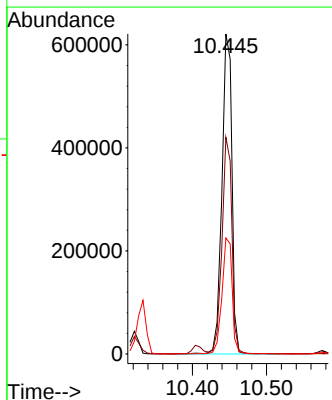
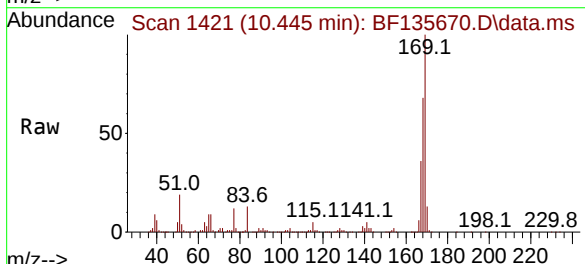
Manual Integrations
APPROVED

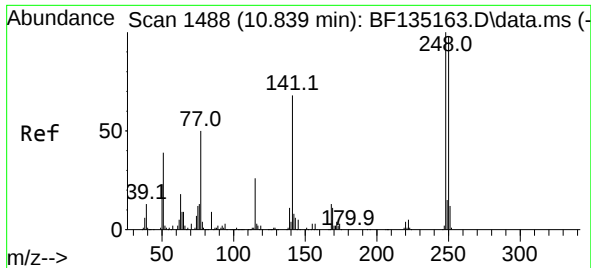
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#66
n-Nitrosodiphenylamine
Concen: 55.665 ng
RT: 10.445 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

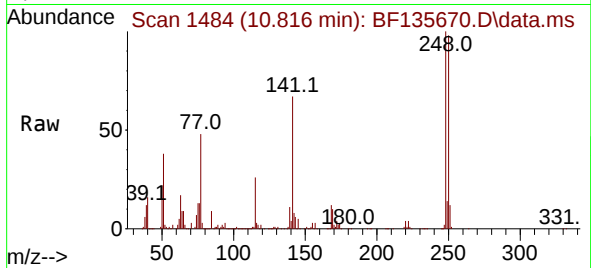
Tgt Ion:169 Resp: 583515
Ion Ratio Lower Upper
169 100
168 67.7 52.8 79.2
167 36.2 29.0 43.6





#67
4-Bromophenyl-phenylether
Concen: 54.569 ng
RT: 10.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

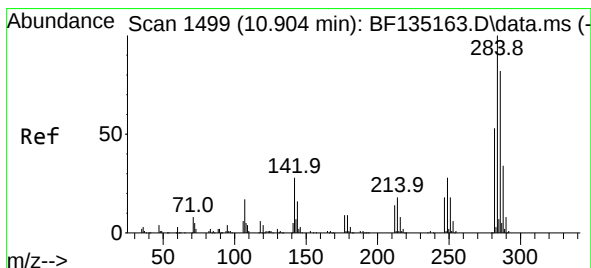
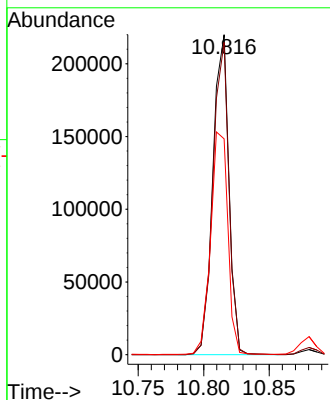
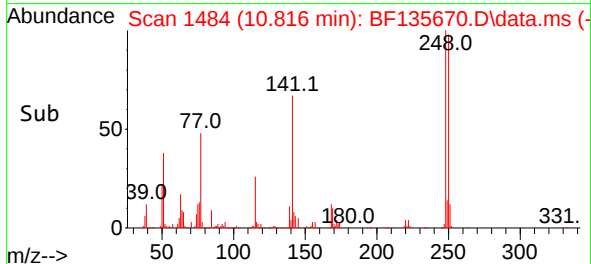
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



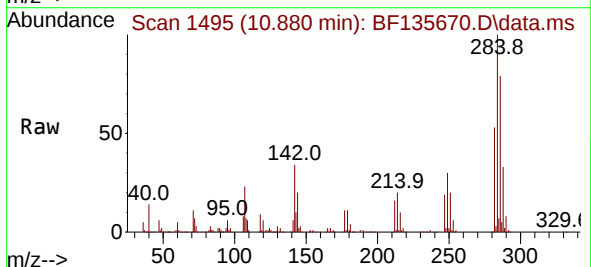
Tgt Ion:248 Resp: 187918
Ion Ratio Lower Upper
248 100
250 97.6 78.6 117.8
141 67.5 54.2 81.2

Manual Integrations
APPROVED

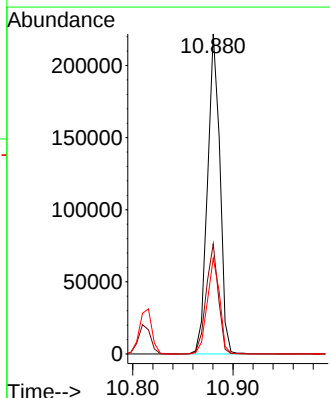
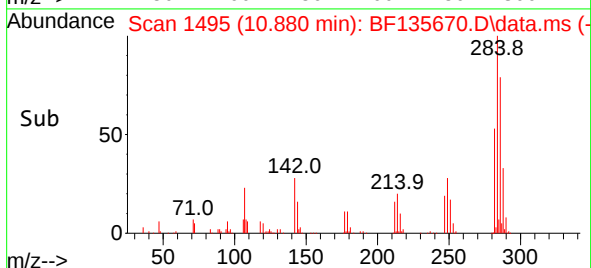
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

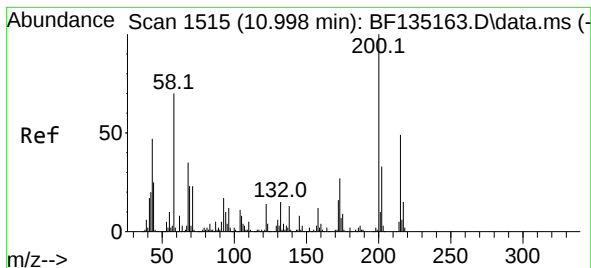


#68
Hexachlorobenzene
Concen: 54.469 ng
RT: 10.880 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16



Tgt Ion:284 Resp: 191096
Ion Ratio Lower Upper
284 100
142 34.4 22.2 33.4#
249 30.0 22.5 33.7





#69

Atrazine

Concen: 63.874 ng

RT: 10.980 min Scan# 1512

Delta R.T. 0.006 min

Lab File: BF135670.D

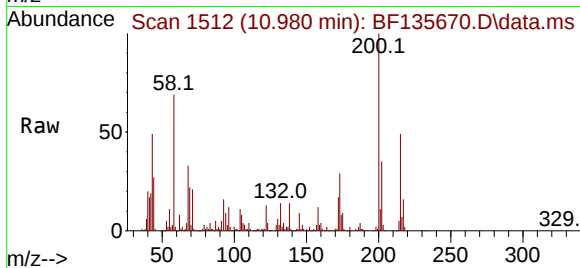
Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD



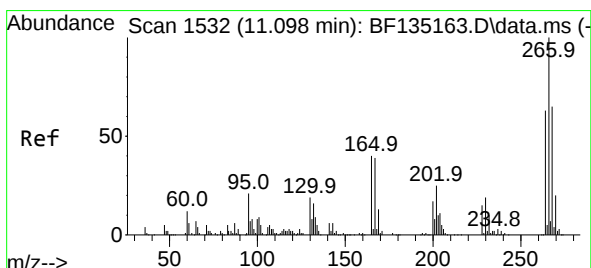
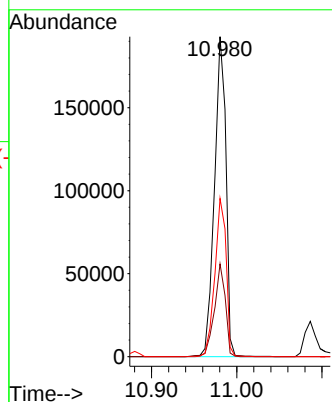
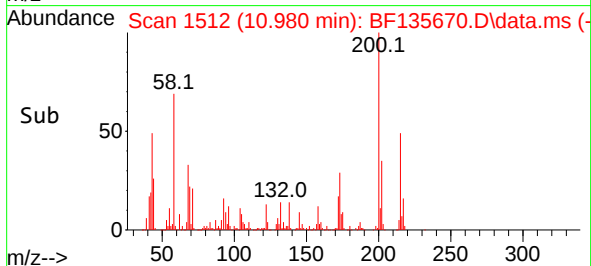
Tgt Ion:	200	Resp:	18016
Ion Ratio	Lower	Upper	
200	100		
173	29.0	7.4	47.4
215	49.5	28.6	68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#70

Pentachlorophenol

Concen: 69.854 ng

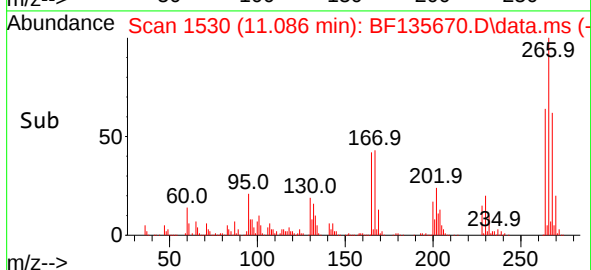
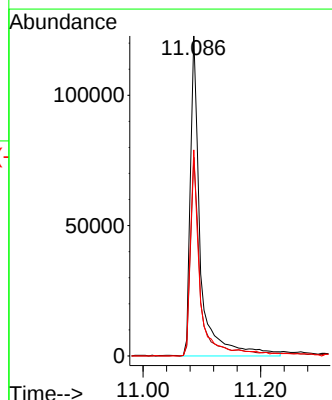
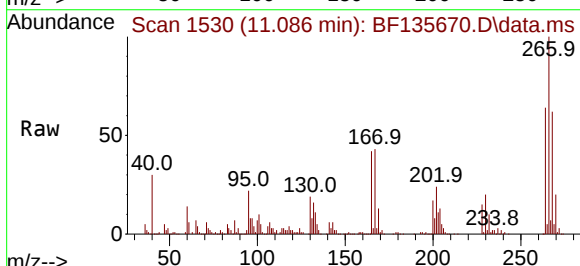
RT: 11.086 min Scan# 1530

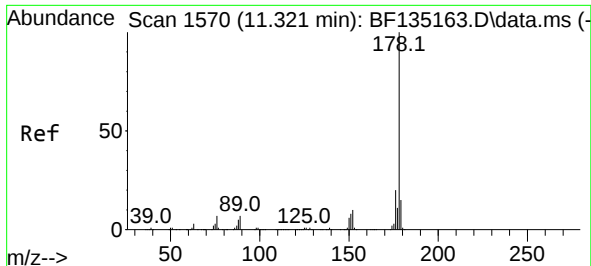
Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:	266	Resp:	146626
Ion Ratio	Lower	Upper	
266	100		
268	62.1	52.1	78.1
264	64.4	50.8	76.2





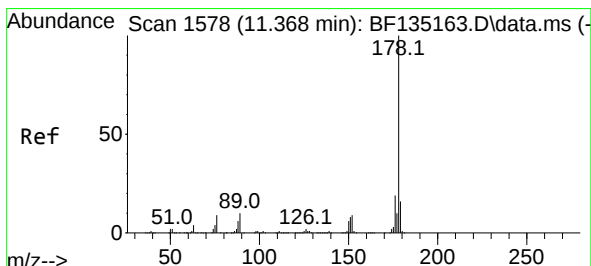
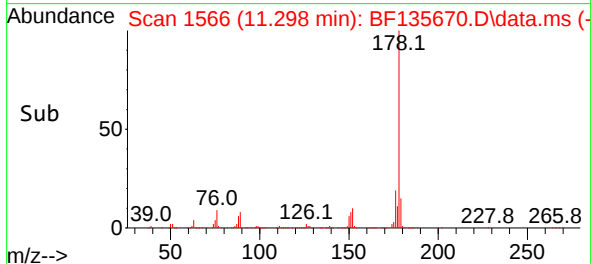
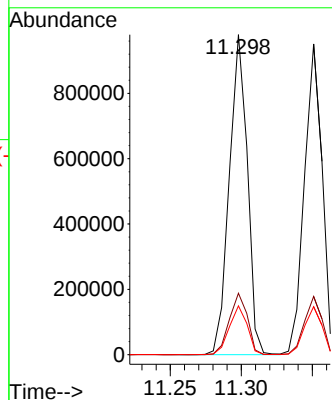
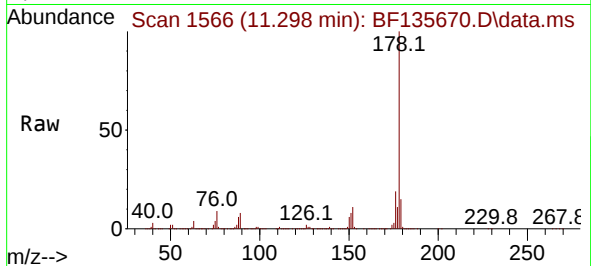
#71
Phenanthrene
Concen: 52.924 ng
RT: 11.298 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:178 Resp: 86669
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.2 12.0 18.0

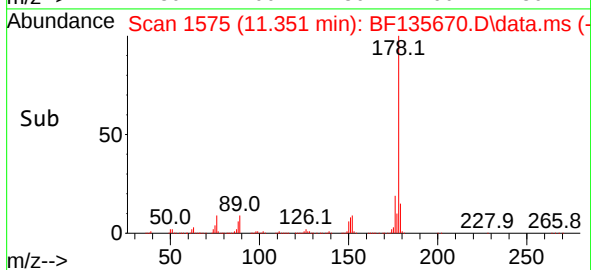
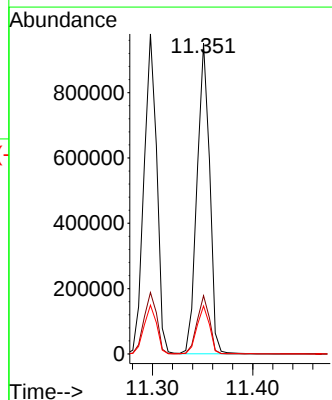
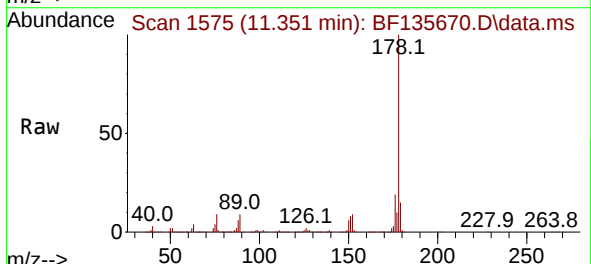
Manual Integrations
APPROVED

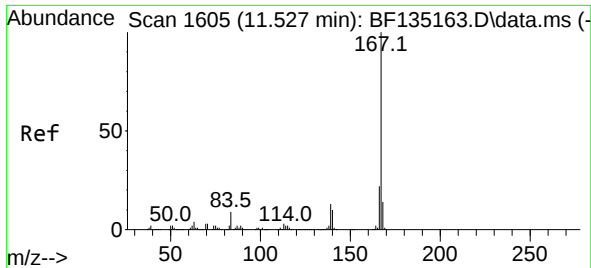
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#72
Anthracene
Concen: 49.239 ng
RT: 11.351 min Scan# 1575
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

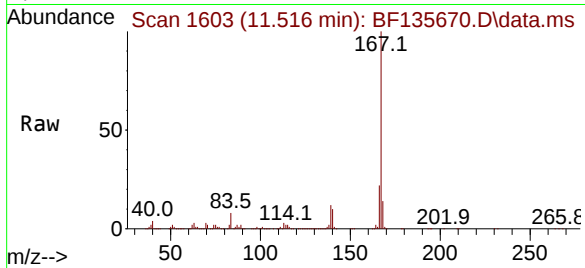
Tgt Ion:178 Resp: 828826
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.5 12.6 19.0





#73
Carbazole
Concen: 49.924 ng
RT: 11.516 min Scan# 1603
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

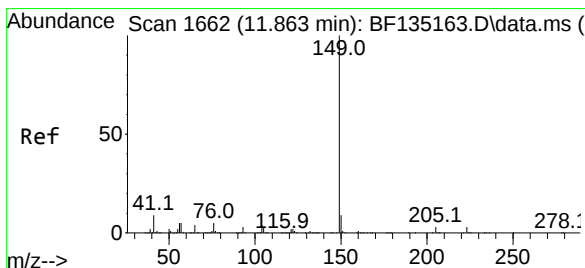
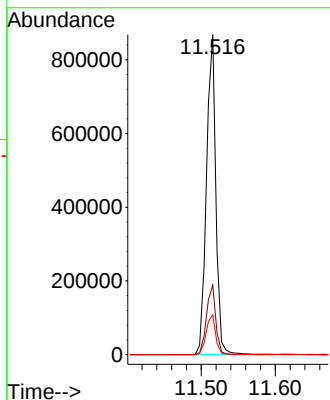
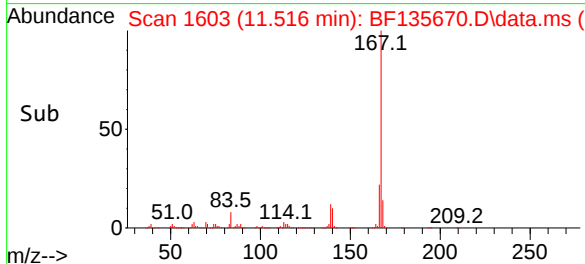
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



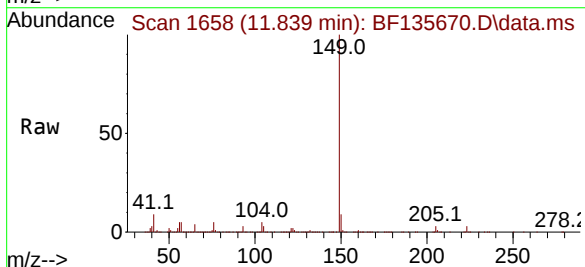
Tgt Ion:167 Resp: 765004
Ion Ratio Lower Upper
167 100
166 21.7 17.4 26.0
139 12.5 10.6 15.8

Manual Integrations
APPROVED

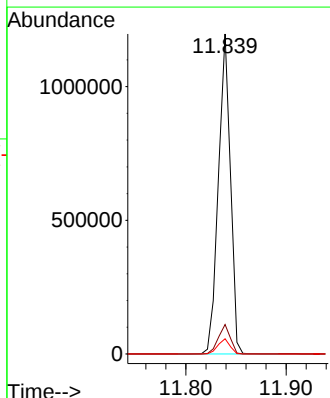
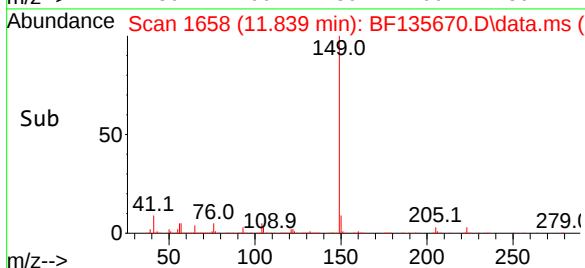
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023

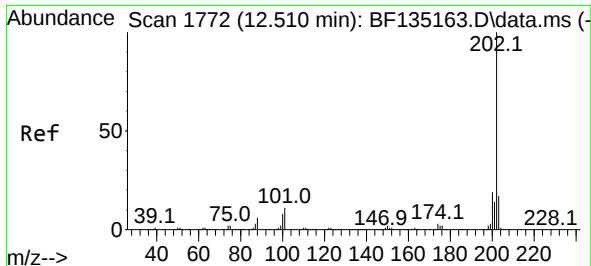


#74
Di-n-butylphthalate
Concen: 55.064 ng
RT: 11.839 min Scan# 1658
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16



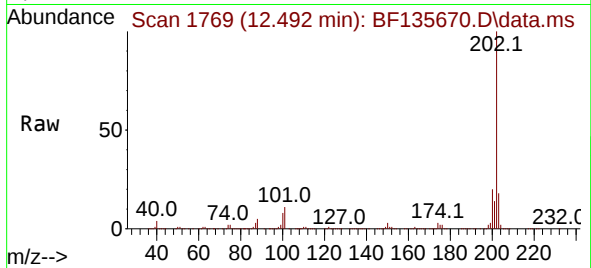
Tgt Ion:149 Resp: 994237
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 4.7 3.6 5.4





#75
Fluoranthene
Concen: 49.592 ng
RT: 12.492 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

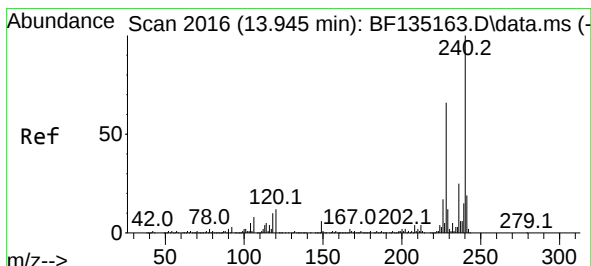
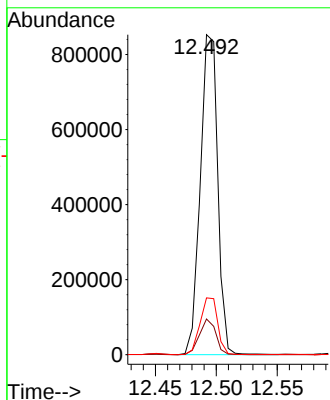
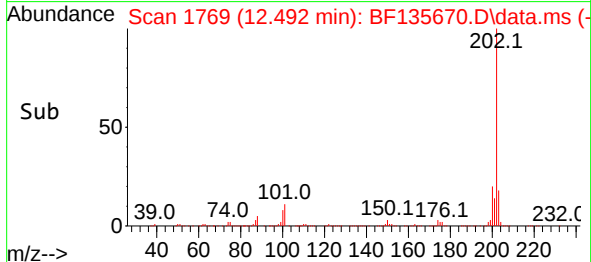
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:202 Resp: 84621
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.3
203 17.8 0.0 37.4

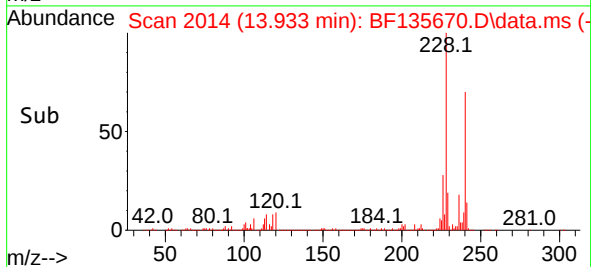
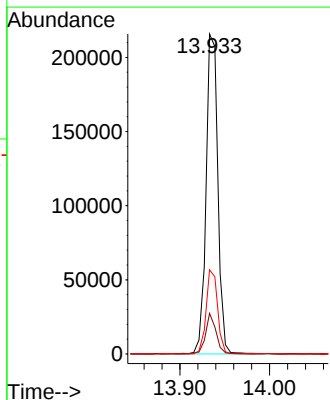
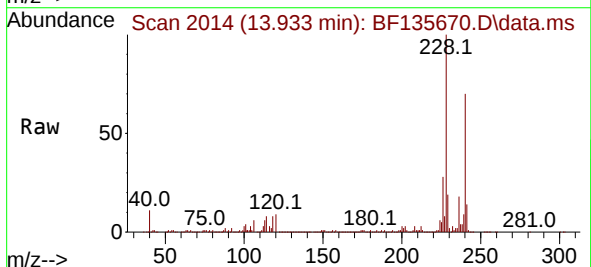
Manual Integrations
APPROVED

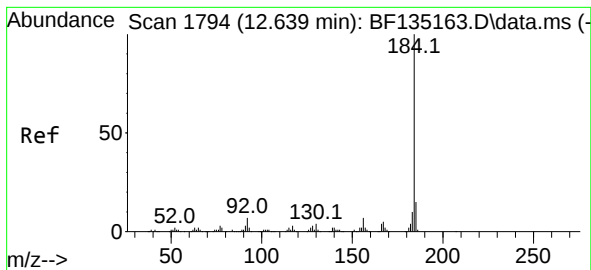
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.933 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:240 Resp: 196747
Ion Ratio Lower Upper
240 100
120 12.7 9.4 14.2
236 26.3 19.8 29.8





#77

Benzidine

Concen: 79.637 ng

RT: 12.627 min Scan# 11

Delta R.T. 0.012 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:184 Resp: 32099

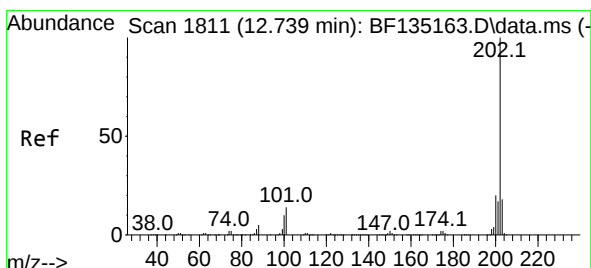
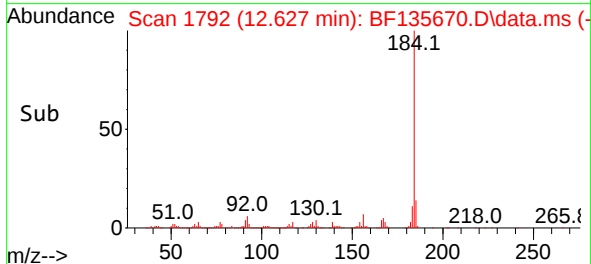
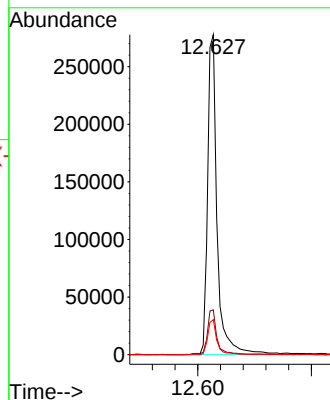
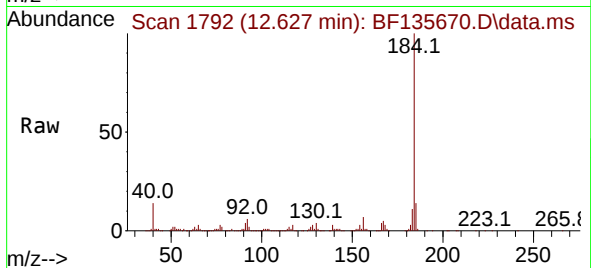
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.7	17.5
183	10.9	8.2	12.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#78

Pyrene

Concen: 45.156 ng

RT: 12.727 min Scan# 1809

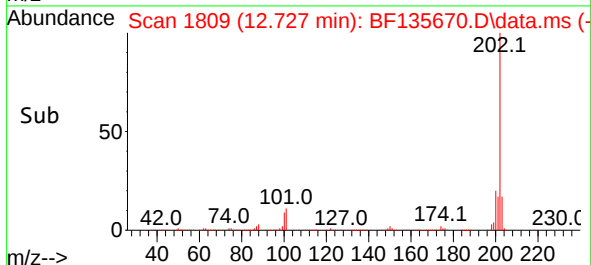
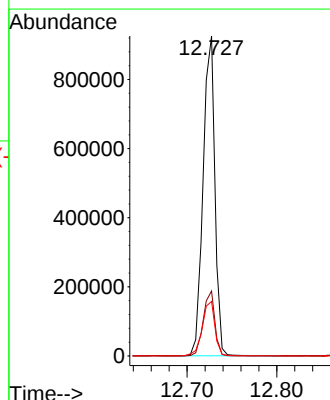
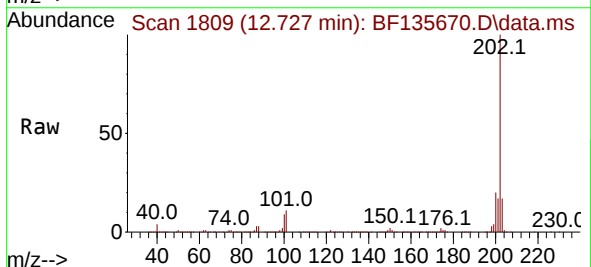
Delta R.T. 0.012 min

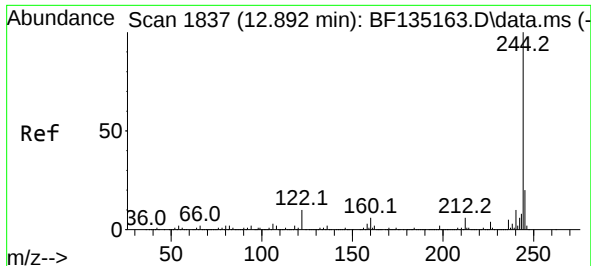
Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:202 Resp: 845848

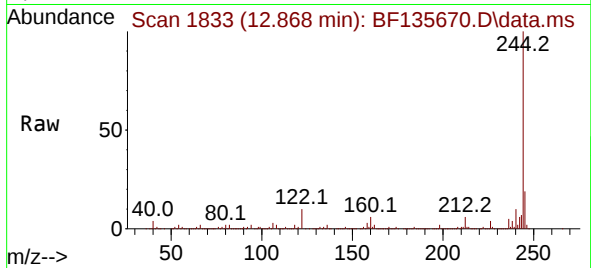
Ion	Ratio	Lower	Upper
202	100		
200	20.3	16.2	24.2
203	17.1	14.2	21.4





#79
 Terphenyl-d14
 Concen: 55.505 ng
 RT: 12.868 min Scan# 1833
 Delta R.T. 0.006 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16

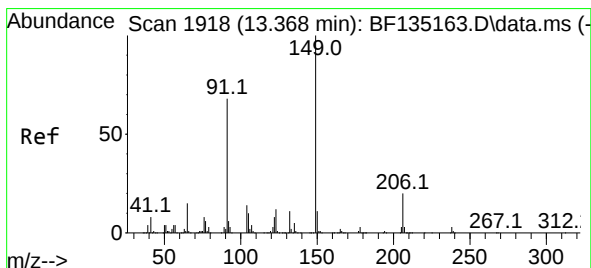
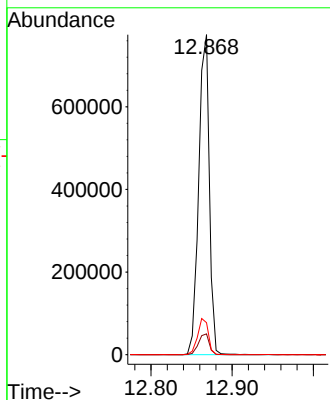
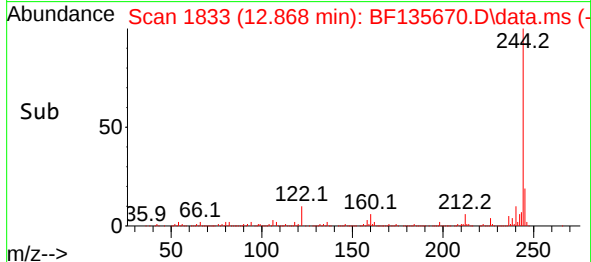
Instrument :
 BNA_F
 ClientSampleId :
 TP-1MSD



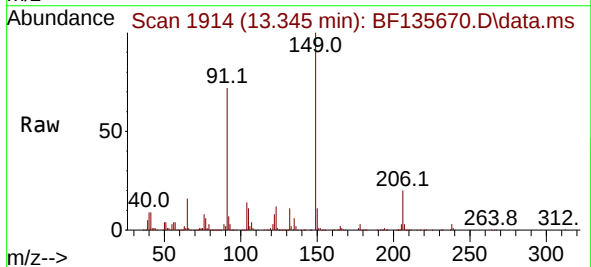
Tgt Ion:244 Resp: 704463
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.1 7.7
 122 10.0 7.9 11.9

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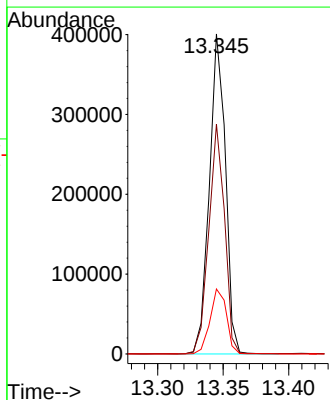
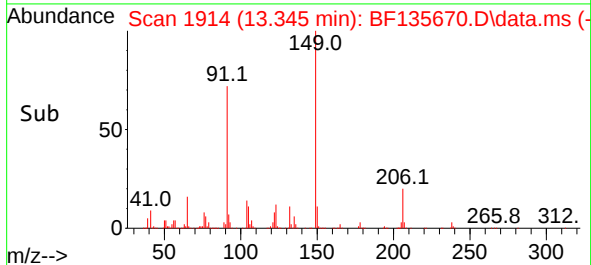
Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :mohammad ahmed 10/11/2023

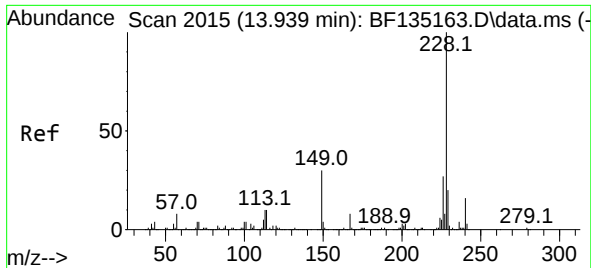


#80
 Butylbenzylphthalate
 Concen: 51.809 ng
 RT: 13.345 min Scan# 1914
 Delta R.T. 0.006 min
 Lab File: BF135670.D
 Acq: 10 Oct 2023 01:16



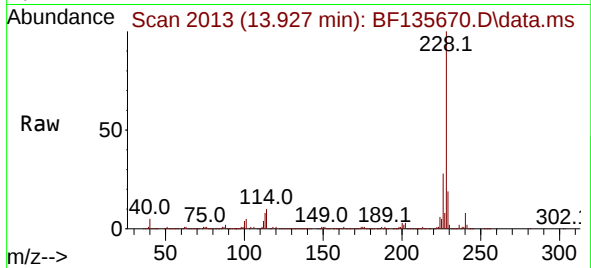
Tgt Ion:149 Resp: 341686
 Ion Ratio Lower Upper
 149 100
 91 71.9 54.7 82.1
 206 20.3 16.3 24.5





#81
Benzo(a)anthracene
Concen: 55.092 ng
RT: 13.927 min Scan# 2015
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

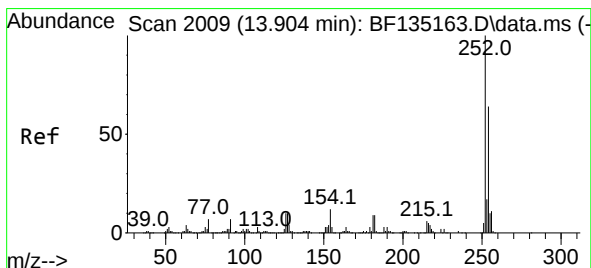
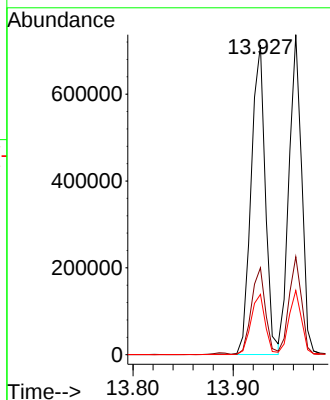
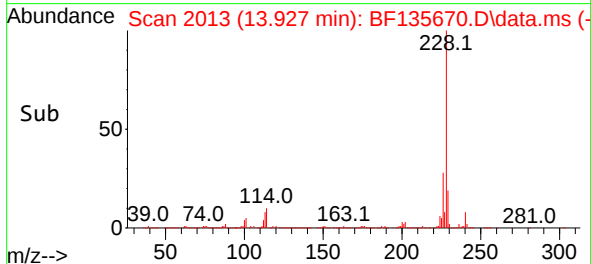
Instrument :
BNA_F
ClientSampleId :
TP-1MSD



Tgt Ion:228 Resp: 699912
Ion Ratio Lower Upper
228 100
226 28.1 21.7 32.5
229 19.5 15.8 23.8

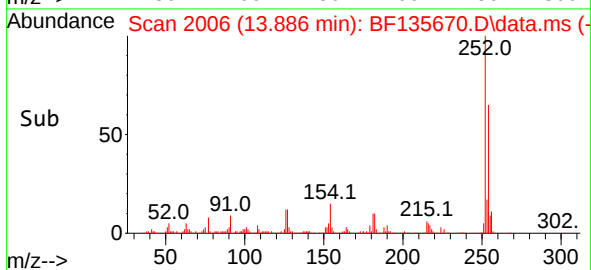
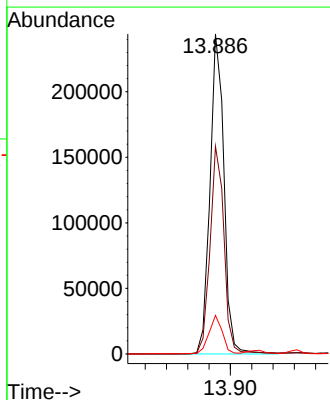
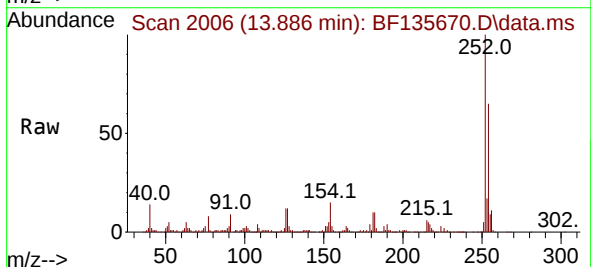
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APPROVED

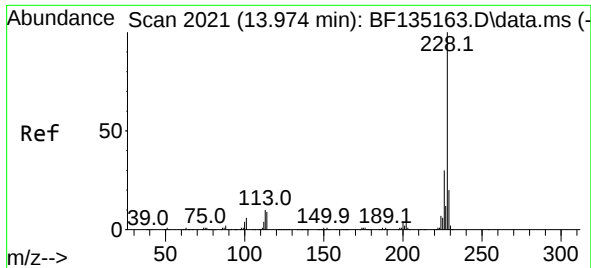
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#82
3,3'-Dichlorobenzidine
Concen: 55.801 ng
RT: 13.886 min Scan# 2006
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:252 Resp: 221434
Ion Ratio Lower Upper
252 100
254 64.9 51.0 76.4
126 12.1 7.8 11.8#





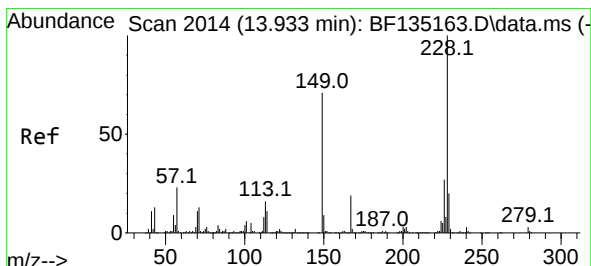
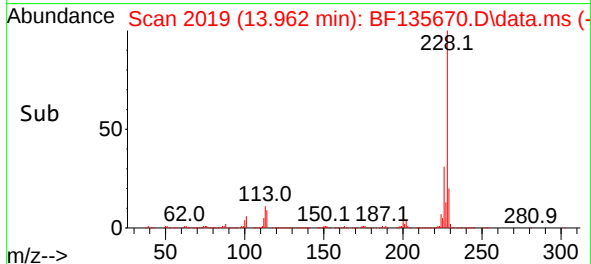
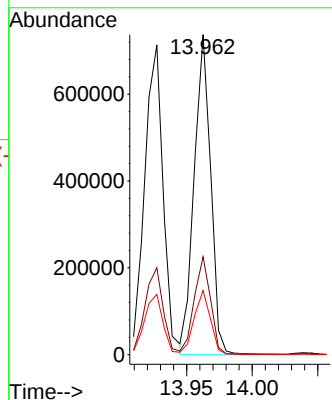
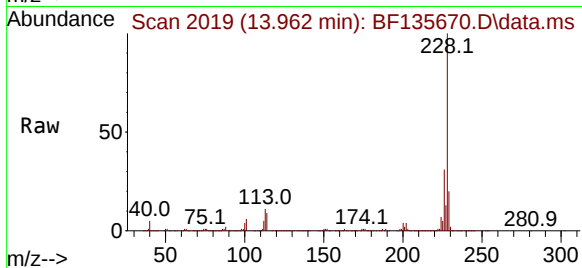
#83
Chrysene
Concen: 50.923 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.012 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:228 Resp: 64322
Ion Ratio Lower Upper
228 100
226 30.6 24.3 36.5
229 20.1 16.0 24.0

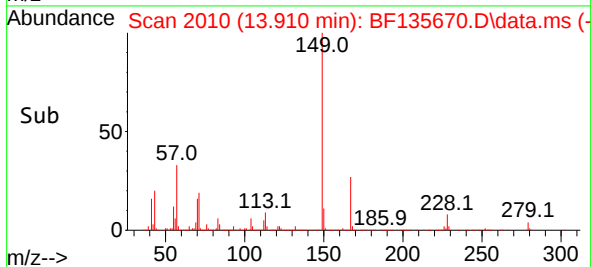
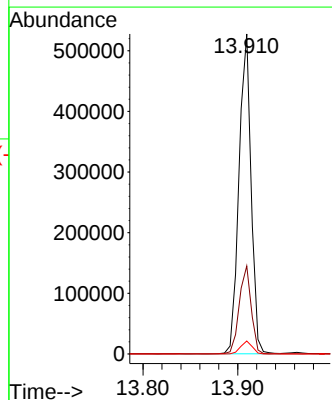
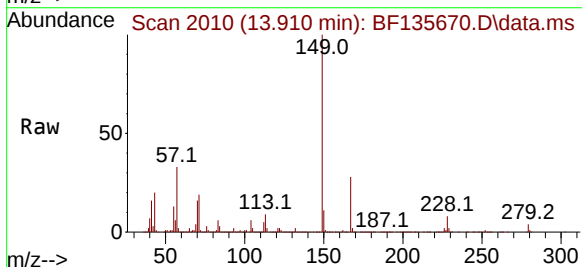
Manual Integrations
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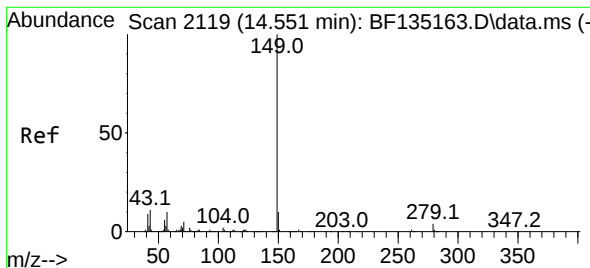
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 68.797 ng
RT: 13.910 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:149 Resp: 465606
Ion Ratio Lower Upper
149 100
167 27.5 21.9 32.9
279 4.1 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 73.155 ng

RT: 14.527 min Scan# 2115

Delta R.T. 0.006 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

TP-1MSD

Tgt Ion:149 Resp: 78680

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7

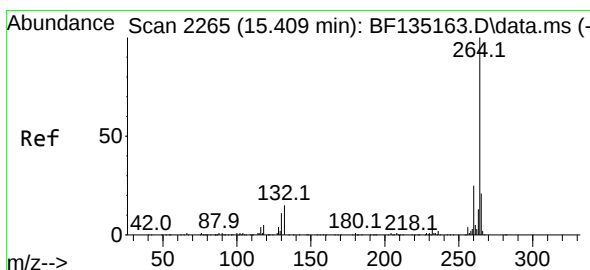
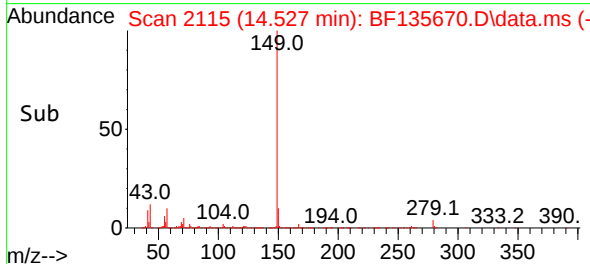
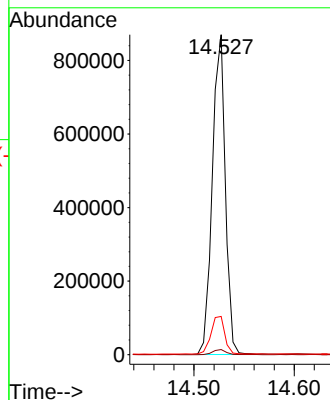
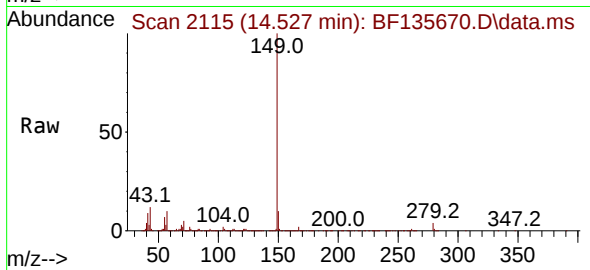
43 12.9 9.8 14.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/11/2023

Supervised By :mohammad ahmed 10/11/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.404 min Scan# 2264

Delta R.T. 0.018 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

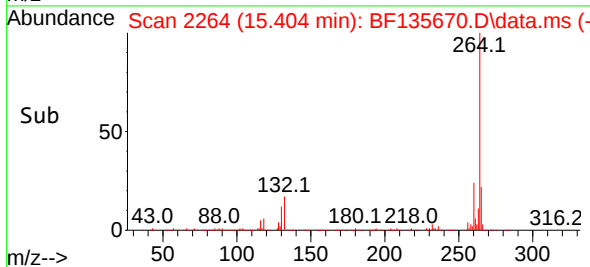
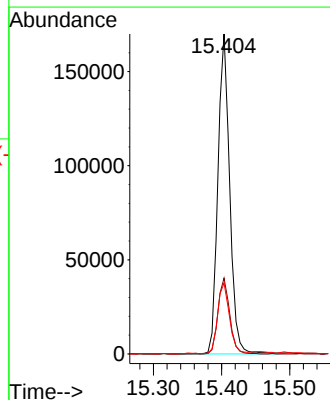
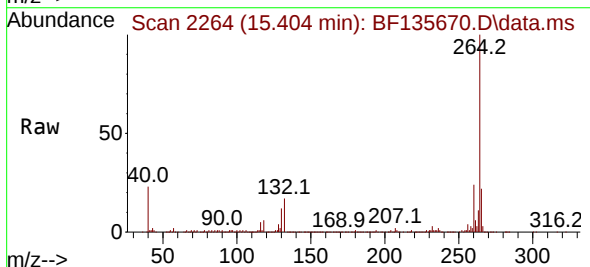
Tgt Ion:264 Resp: 204196

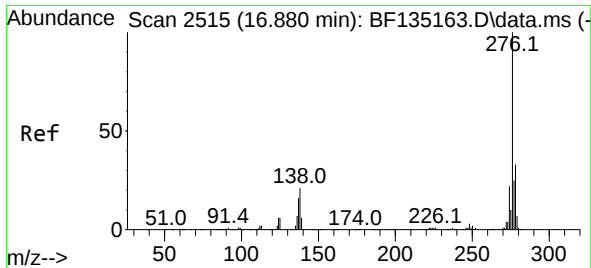
Ion Ratio Lower Upper

264 100

260 23.7 19.8 29.6

265 22.1 17.0 25.4





#87
Indeno(1,2,3-cd)pyrene
Concen: 39.824 ng
RT: 16.898 min Scan# 2118
Delta R.T. 0.029 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

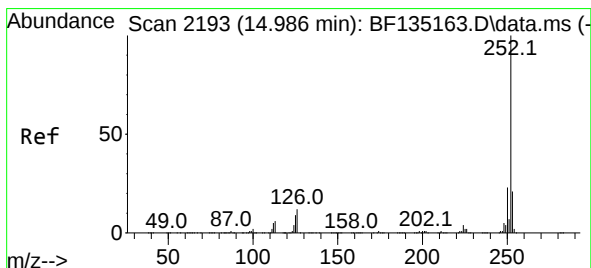
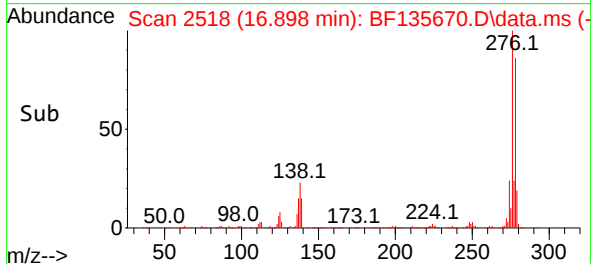
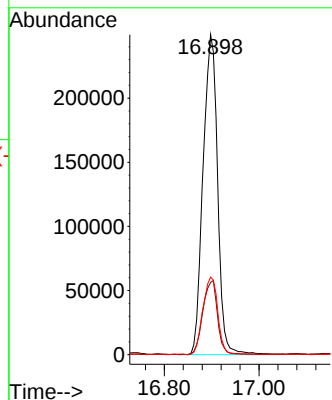
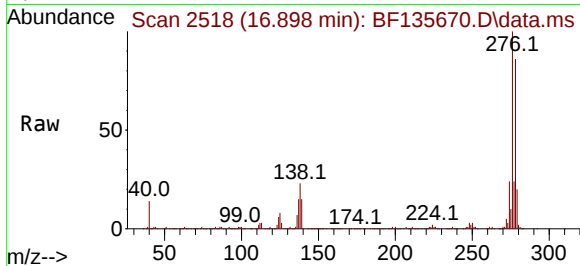
TP-1MSD

Tgt Ion:276 Resp: 53318
Ion Ratio Lower Upper
276 100
138 23.2 19.2 28.8
277 25.0 19.7 29.5

Manual Integrations

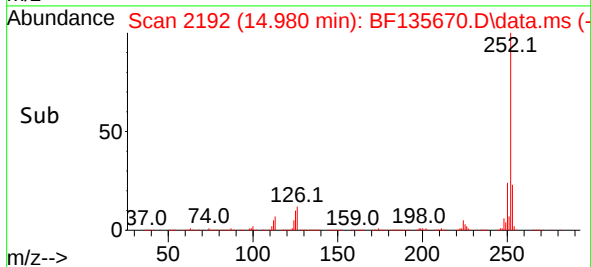
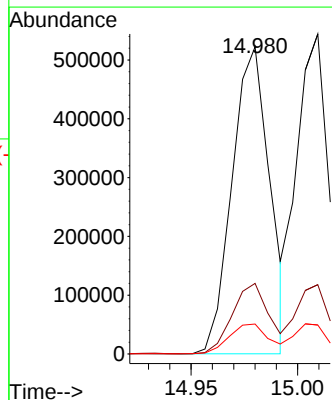
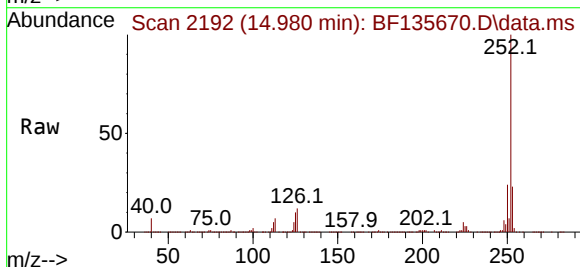
APPROVED

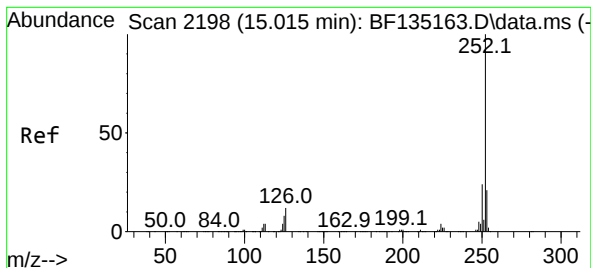
Reviewed By :Yogesh Patel 10/11/2023
Supervised By :mohammad ahmed 10/11/2023



#88
Benzo(b)fluoranthene
Concen: 58.056 ng
RT: 14.980 min Scan# 2192
Delta R.T. 0.018 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:252 Resp: 641739
Ion Ratio Lower Upper
252 100
253 23.0 17.2 25.8
125 9.7 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 52.178 ng

RT: 15.009 min Scan# 2198

Delta R.T. 0.018 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Instrument :

BNA_F

ClientSampleId :

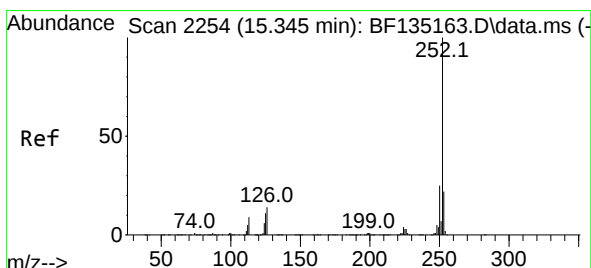
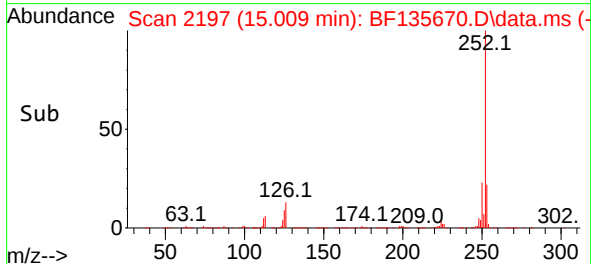
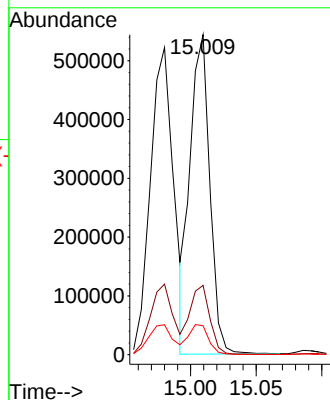
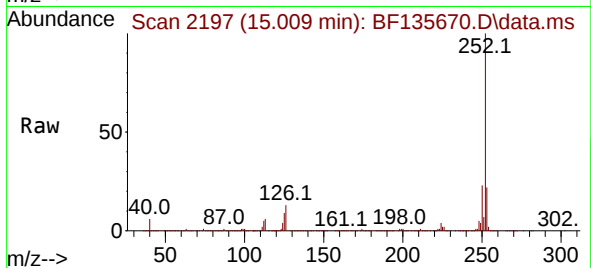
TP-1MSD

Tgt Ion:252 Resp: 569744
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.0
 125 9.1 7.2 10.8

Manual Integrations

APPROVED

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



#90

Benzo(a)pyrene

Concen: 50.573 ng

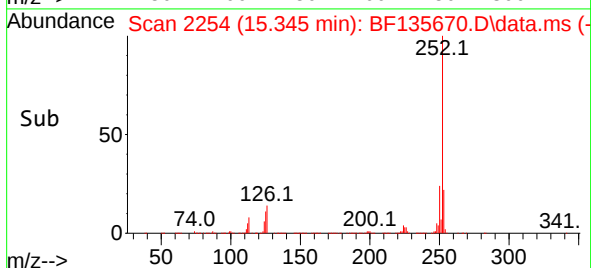
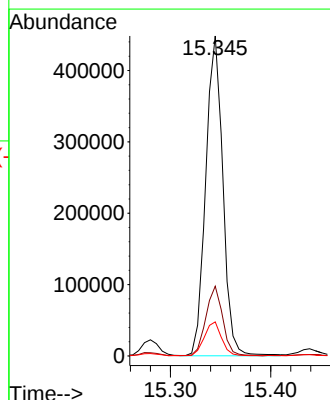
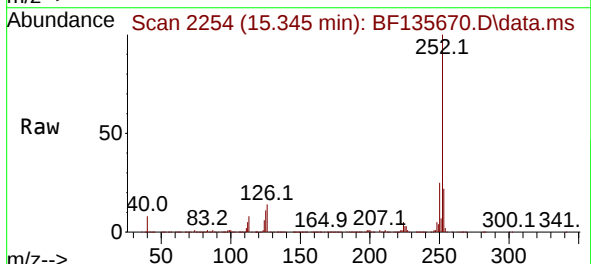
RT: 15.345 min Scan# 2254

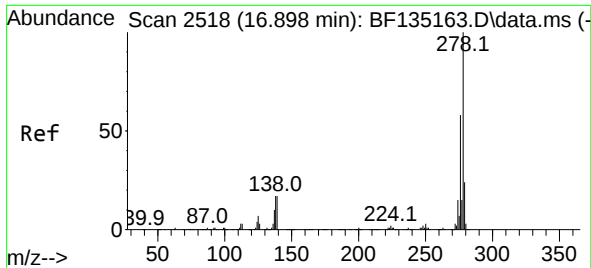
Delta R.T. 0.018 min

Lab File: BF135670.D

Acq: 10 Oct 2023 01:16

Tgt Ion:252 Resp: 533111
 Ion Ratio Lower Upper
 252 100
 253 21.8 17.5 26.3
 125 10.6 9.2 13.8





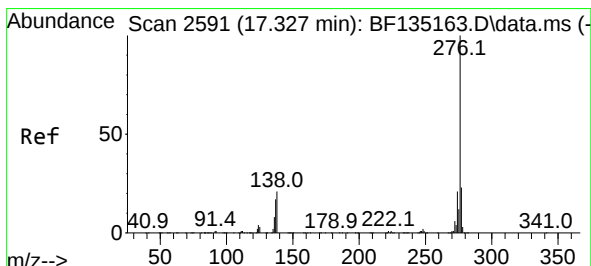
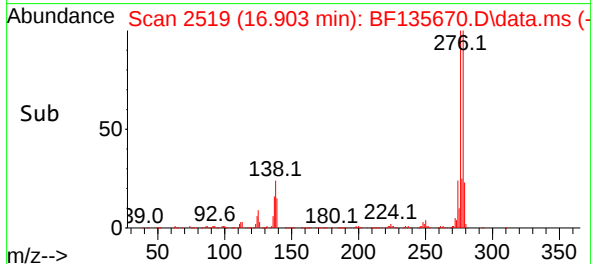
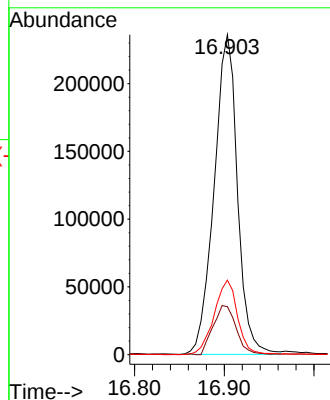
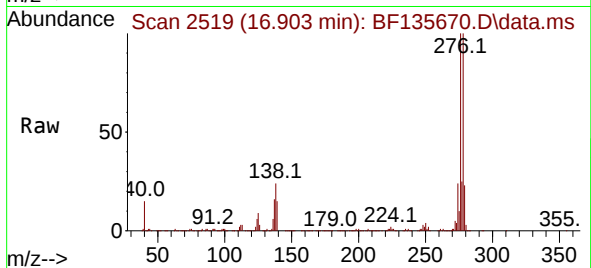
#91
Dibenzo(a,h)anthracene
Concen: 38.826 ng
RT: 16.903 min Scan# 2518
Delta R.T. 0.024 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Instrument :
BNA_F
ClientSampleId :
TP-1MSD

Tgt Ion:278 Resp: 425329
Ion Ratio Lower Upper
278 100
139 15.0 13.4 20.0
279 23.3 19.0 28.6

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 36.541 ng
RT: 17.345 min Scan# 2594
Delta R.T. 0.029 min
Lab File: BF135670.D
Acq: 10 Oct 2023 01:16

Tgt Ion:276 Resp: 418059
Ion Ratio Lower Upper
276 100
277 22.9 18.8 28.2
138 19.5 16.9 25.3

