

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070823\
 Data File : BF134143.D
 Acq On : 08 Jul 2023 12:03
 Operator : CG\JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jul 09 00:28:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 30 18:35:29 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	108818	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	405961	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	211699	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	422241	20.000	ng	0.00
76) Chrysene-d12	14.045	240	251071	20.000	ng	0.00
86) Perylene-d12	15.551	264	197548	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	505992	77.782	ng	0.00
7) Phenol-d6	6.492	99	620020	77.501	ng	0.00
23) Nitrobenzene-d5	7.416	82	616805	81.902	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	227451	85.692	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1153322	79.207	ng	0.00
79) Terphenyl-d14	12.980	244	1295805	83.064	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.622	88	103970	38.761	ng	98
3) Pyridine	3.410	79	271370	38.841	ng	98
4) n-Nitrosodimethylamine	3.375	42	157346	39.431	ng	99
6) Aniline	6.516	93	382443	39.284	ng	96
8) 2-Chlorophenol	6.634	128	255566	38.701	ng	96
9) Benzaldehyde	6.404	77	173155	39.175	ng	94
10) Phenol	6.504	94	324748	38.607	ng	96
11) bis(2-Chloroethyl)ether	6.592	93	243569	39.331	ng	96
12) 1,3-Dichlorobenzene	6.792	146	278574	39.569	ng	98
13) 1,4-Dichlorobenzene	6.869	146	286947	40.353	ng	99
14) 1,2-Dichlorobenzene	7.022	146	259790	39.009	ng	98
15) Benzyl Alcohol	6.992	79	253787	41.150	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	415775	37.950	ng	97
17) 2-Methylphenol	7.104	107	232111	39.251	ng	99
18) Hexachloroethane	7.357	117	109635	41.581	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	201088	39.635	ng	97
20) 3+4-Methylphenols	7.257	107	280860	39.150	ng	91
22) Acetophenone	7.263	105	365679	39.607	ng	# 96
24) Nitrobenzene	7.433	77	307850	40.452	ng	94
25) Isophorone	7.669	82	550618	40.229	ng	98
26) 2-Nitrophenol	7.745	139	148494	40.675	ng	92
27) 2,4-Dimethylphenol	7.786	122	231552	40.069	ng	98
28) bis(2-Chloroethoxy)met...	7.880	93	309678	39.075	ng	100
29) 2,4-Dichlorophenol	7.986	162	230840	40.283	ng	96
30) 1,2,4-Trichlorobenzene	8.069	180	235191	39.776	ng	98
31) Naphthalene	8.151	128	765499	39.038	ng	99
32) Benzoic acid	7.910	122	176635m	40.790	ng	
33) 4-Chloroaniline	8.204	127	330305	39.378	ng	98
34) Hexachlorobutadiene	8.263	225	158843	42.587	ng	98
35) Caprolactam	8.586	113	74353	39.406	ng	98
36) 4-Chloro-3-methylphenol	8.686	107	262913	40.840	ng	98
37) 2-Methylnaphthalene	8.845	142	546839	39.435	ng	99
38) 1-Methylnaphthalene	8.945	142	508812	39.470	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	251569	40.110	ng	99
41) Hexachlorocyclopentadiene	8.992	237	104493	35.118	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	166532	39.004	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	199536	39.731	ng	94
46) 1,1'-Biphenyl	9.310	154	666371	39.240	ng	98
47) 2-Chloronaphthalene	9.333	162	481425	38.747	ng	97
48) 2-Nitroaniline	9.433	65	181933	40.177	ng	97
49) Acenaphthylene	9.751	152	819318	38.602	ng	100
50) Dimethylphthalate	9.616	163	613700	39.935	ng	100
51) 2,6-Dinitrotoluene	9.680	165	133260	40.262	ng	100
52) Acenaphthene	9.922	154	476277	38.672	ng	98
53) 3-Nitroaniline	9.851	138	151727	38.211	ng	99
54) 2,4-Dinitrophenol	9.957	184	71633	39.529	ng	88
55) Dibenzofuran	10.098	168	742952	38.599	ng	99
56) 4-Nitrophenol	10.016	139	99234	35.728	ng	92
57) 2,4-Dinitrotoluene	10.086	165	172402	39.441	ng	87
58) Fluorene	10.439	166	589995	39.400	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	157221	39.687	ng	100
60) Diethylphthalate	10.316	149	651063	40.665	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	295544	40.954	ng	98
62) 4-Nitroaniline	10.469	138	151168	37.776	ng	93
63) Azobenzene	10.592	77	606003	40.015	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	101060	43.900	ng	87
66) n-Nitrosodiphenylamine	10.557	169	528355	39.164	ng	99
67) 4-Bromophenyl-phenylether	10.921	248	183143	40.808	ng	# 91
68) Hexachlorobenzene	10.992	284	194028	40.718	ng	95
69) Atrazine	11.086	200	158249	42.407	ng	99
70) Pentachlorophenol	11.186	266	110997	38.958	ng	99
71) Phenanthrene	11.410	178	826238	38.870	ng	99
72) Anthracene	11.463	178	863094	39.038	ng	100
73) Carbazole	11.621	167	778364	38.463	ng	99
74) Di-n-butylphthalate	11.945	149	1030207	42.809	ng	99
75) Fluoranthene	12.604	202	913398	39.747	ng	98
77) Benzidine	12.727	184	277046	46.375	ng	100
78) Pyrene	12.839	202	911027	38.990	ng	99
80) Butylbenzylphthalate	13.457	149	388627	44.348	ng	99
81) Benzo(a)anthracene	14.033	228	668132	38.371	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	206941	37.513	ng	97
83) Chrysene	14.074	228	632942	37.530	ng	99
84) Bis(2-ethylhexyl)phtha...	14.015	149	471777	46.852	ng	99
85) Di-n-octyl phthalate	14.639	149	651352	44.023	ng	99
87) Indeno(1,2,3-cd)pyrene	17.103	276	570568	41.623	ng	97
88) Benzo(b)fluoranthene	15.104	252	459683	39.573	ng	99
89) Benzo(k)fluoranthene	15.133	252	486069	41.099	ng	97
90) Benzo(a)pyrene	15.486	252	436086	38.824	ng	98
91) Dibenzo(a,h)anthracene	17.121	278	475874	42.502	ng	97
92) Benzo(g,h,i)perylene	17.574	276	481527	41.704	ng	97

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

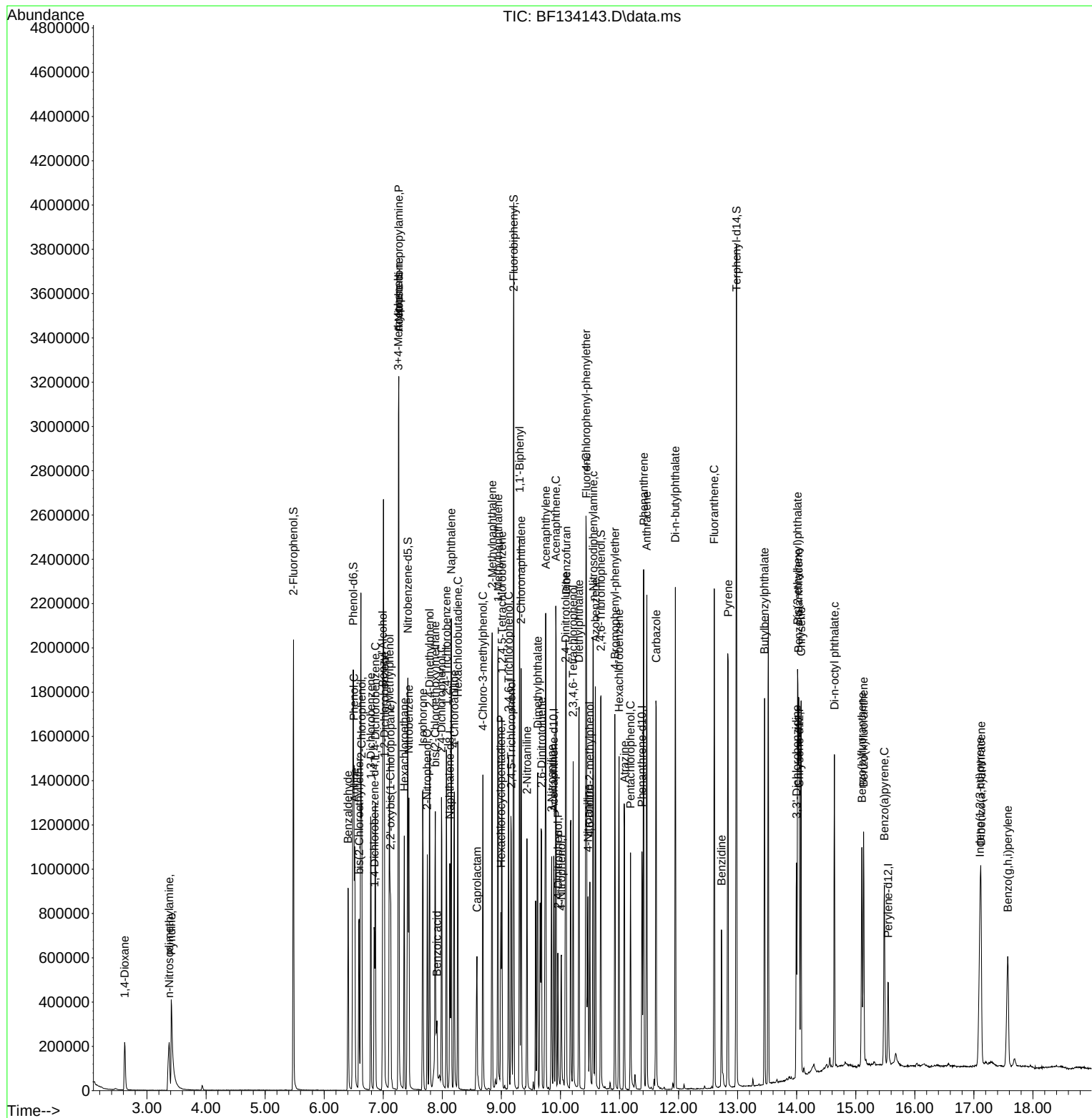
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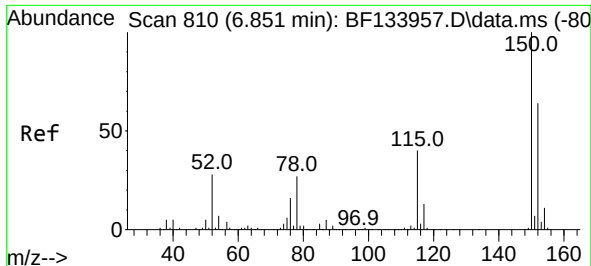
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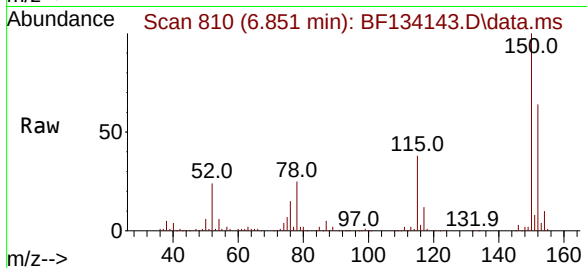
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.851 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



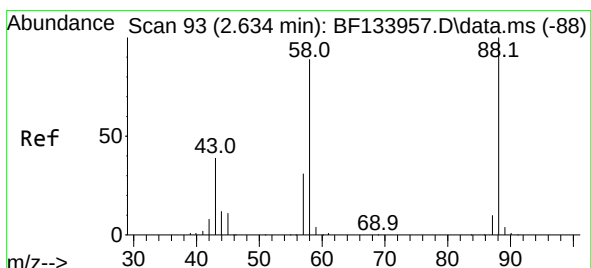
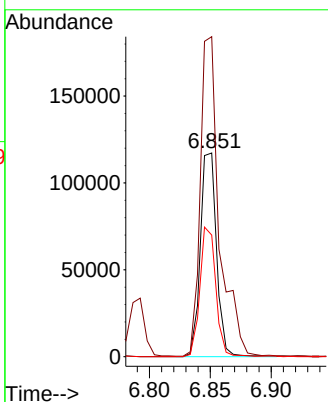
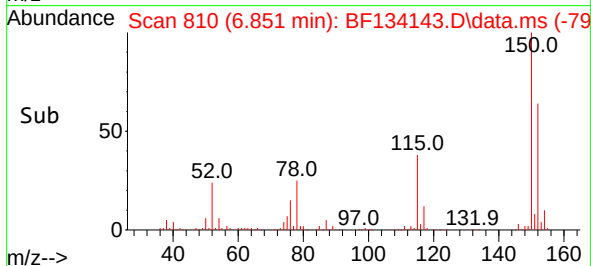
Tgt Ion:152 Resp: 108818
Ion Ratio Lower Upper
152 100
150 157.1 124.5 186.7
115 59.7 50.2 75.2

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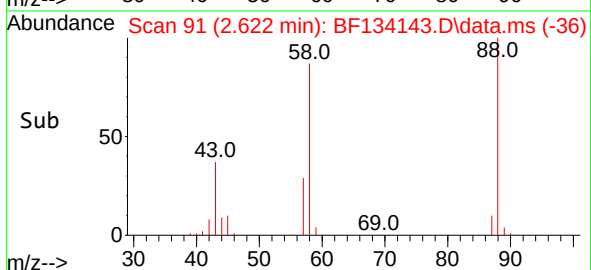
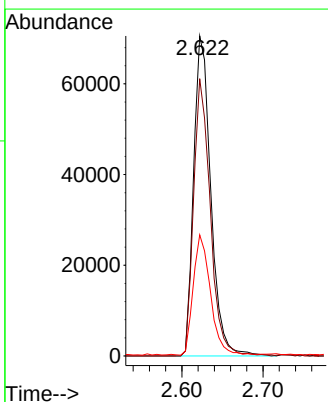
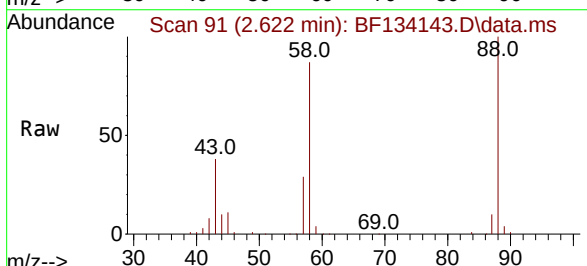
Reviewed By :Yogesh Patel 07/09/2023

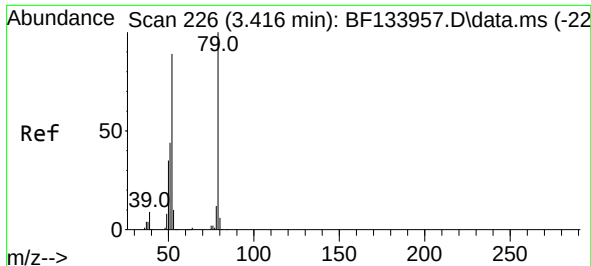
Supervised By :mohammad ahmed 07/09/2023



#2
1,4-Dioxane
Concen: 38.761 ng
RT: 2.622 min Scan# 91
Delta R.T. -0.024 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

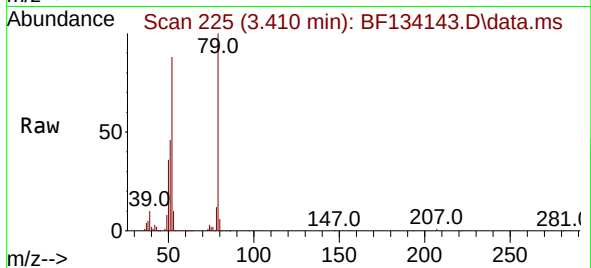
Tgt Ion: 88 Resp: 103970
Ion Ratio Lower Upper
88 100
58 84.3 68.8 103.2
43 37.4 30.7 46.1





#3
Pyridine
Concen: 38.841 ng
RT: 3.410 min Scan# 219
Delta R.T. -0.024 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

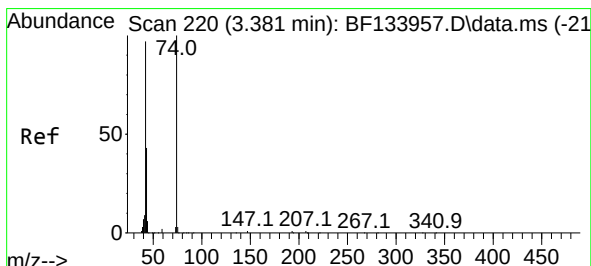
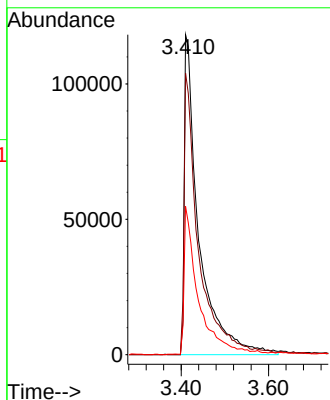
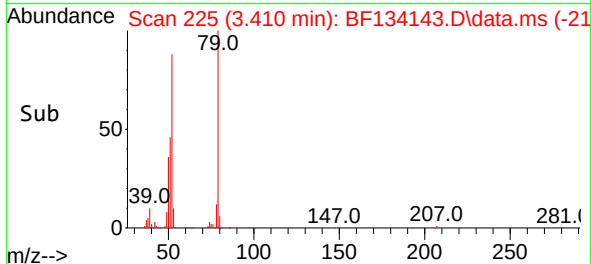
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



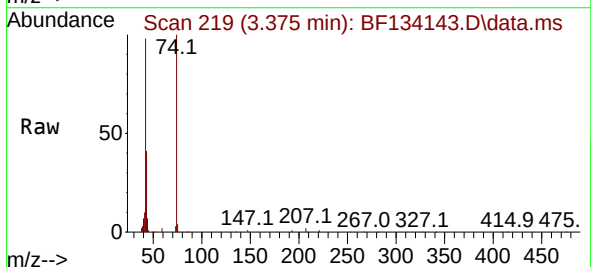
Tgt Ion: 79 Resp: 271370
Ion Ratio Lower Upper
79 100
52 88.0 71.1 106.7
51 46.3 35.2 52.8

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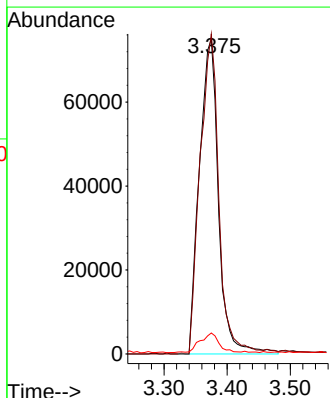
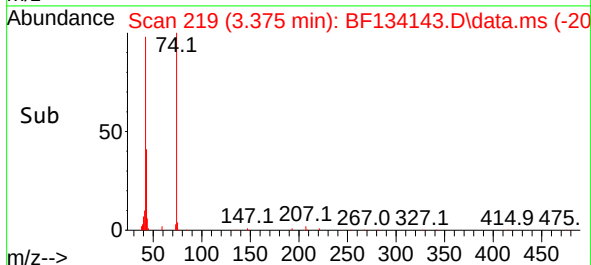
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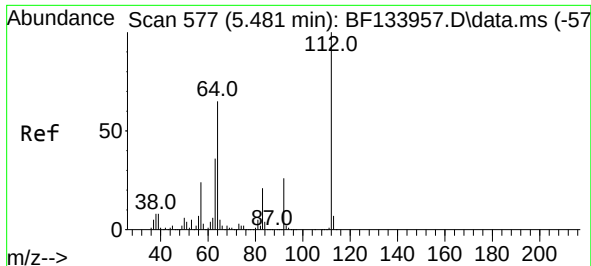


#4
n-Nitrosodimethylamine
Concen: 39.431 ng
RT: 3.375 min Scan# 219
Delta R.T. -0.030 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion: 42 Resp: 157346
Ion Ratio Lower Upper
42 100
74 101.7 82.4 123.6
44 6.7 4.9 7.3





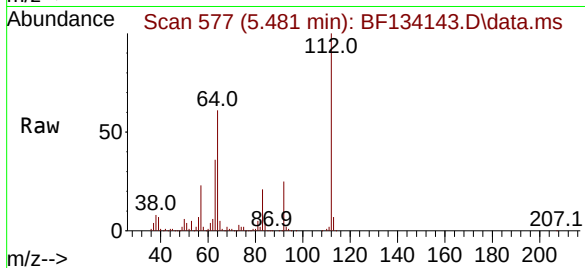
#5
2-Fluorophenol
Concen: 77.782 ng
RT: 5.481 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



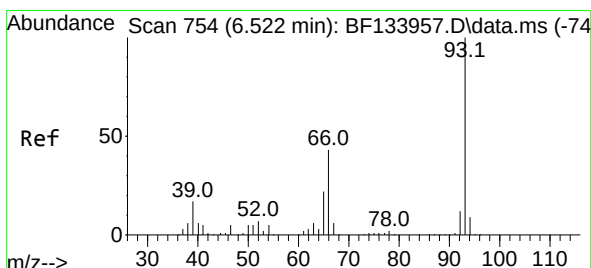
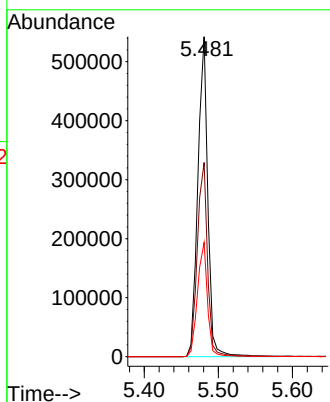
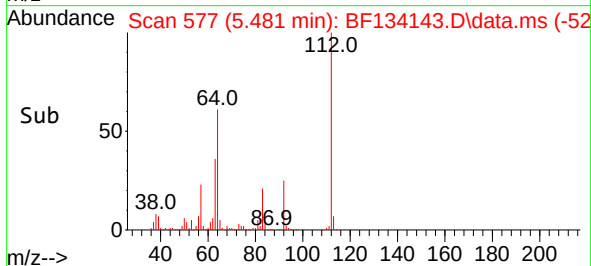
Tgt Ion:112 Resp: 505992
Ion Ratio Lower Upper
112 100
64 60.7 52.1 78.1
63 35.7 28.6 42.8

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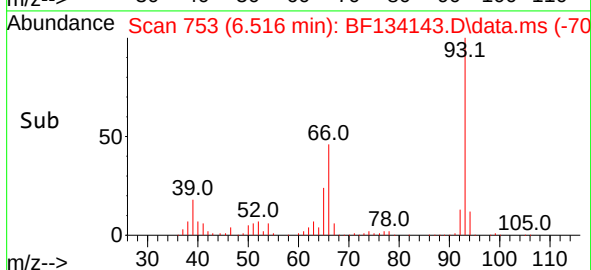
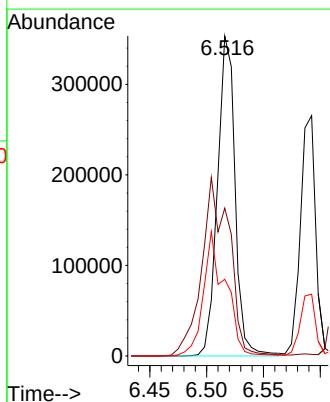
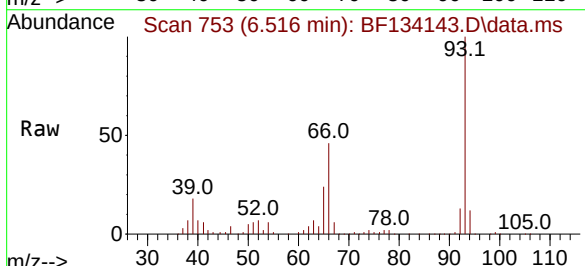
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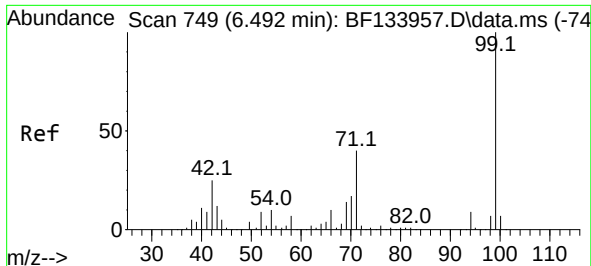
Supervised By :mohammad ahmed 07/09/2023



#6
Aniline
Concen: 39.284 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

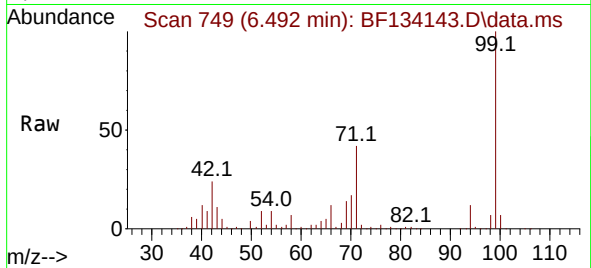
Tgt Ion: 93 Resp: 382443
Ion Ratio Lower Upper
93 100
66 46.2 34.5 51.7
65 24.0 17.8 26.6





#7
Phenol-d6
Concen: 77.501 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

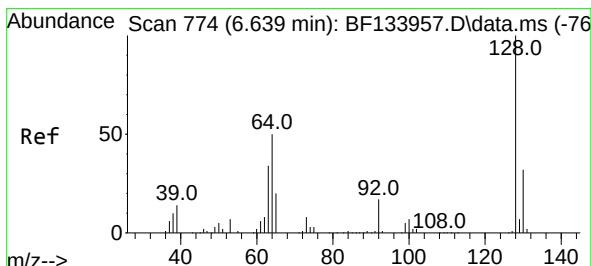
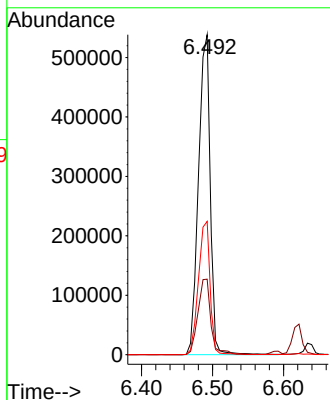
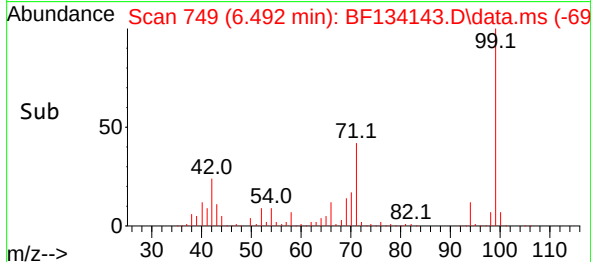
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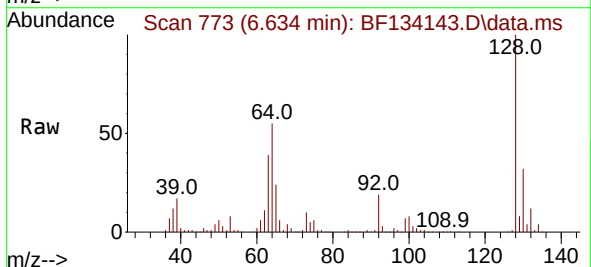
Tgt Ion: 99 Resp: 620020
Ion Ratio Lower Upper
99 100
42 23.6 19.8 29.6
71 41.6 31.9 47.9

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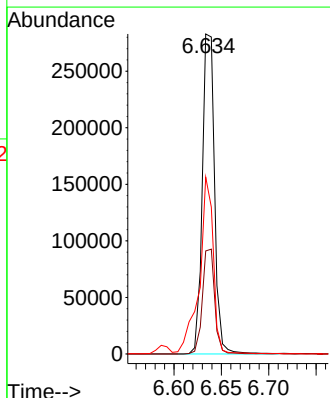
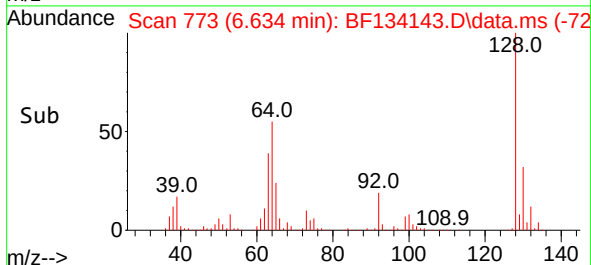
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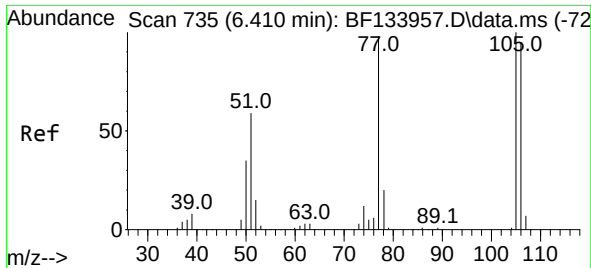


#8
2-Chlorophenol
Concen: 38.701 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:128 Resp: 255566
Ion Ratio Lower Upper
128 100
130 32.2 11.7 51.7
64 55.2 31.3 71.3





#9

Benzaldehyde

Concen: 39.175 ng

RT: 6.404 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 17315

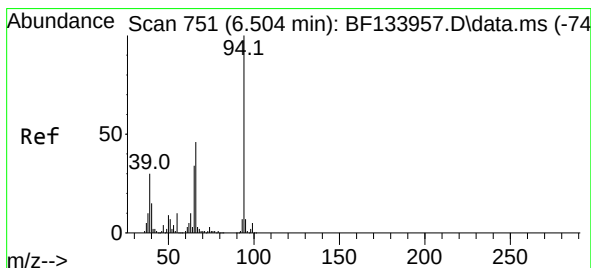
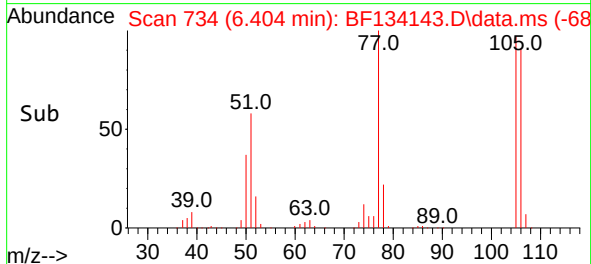
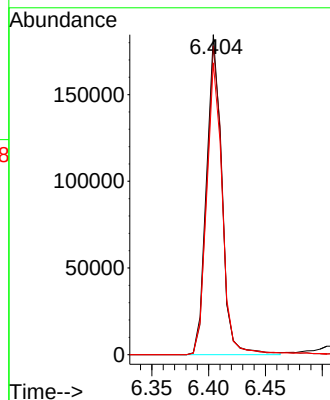
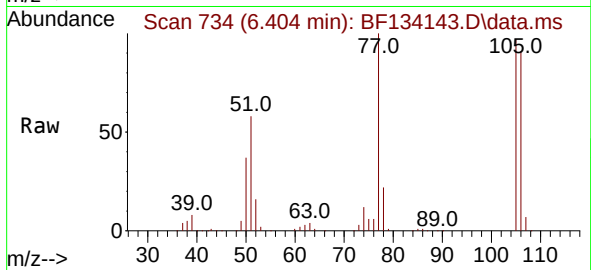
Ion	Ratio	Lower	Upper
77	100		
105	96.6	82.0	122.0
106	91.2	76.9	116.9

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#10

Phenol

Concen: 38.607 ng

RT: 6.504 min Scan# 751

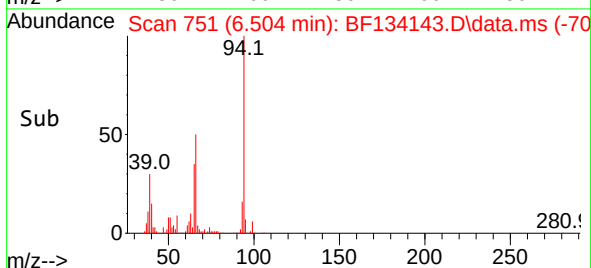
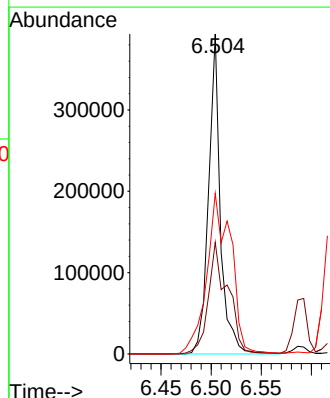
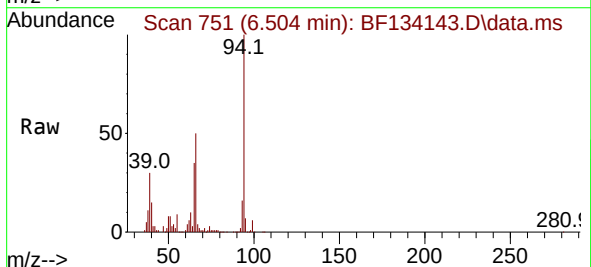
Delta R.T. -0.006 min

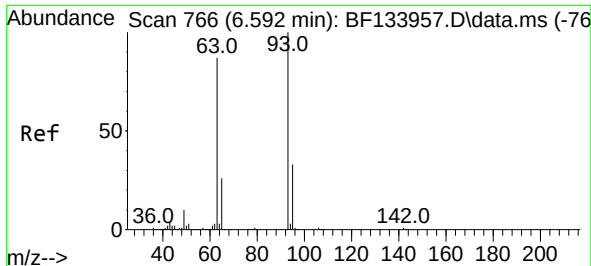
Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion: 94 Resp: 324748

Ion	Ratio	Lower	Upper
94	100		
65	34.9	14.2	54.2
66	50.1	26.4	66.4





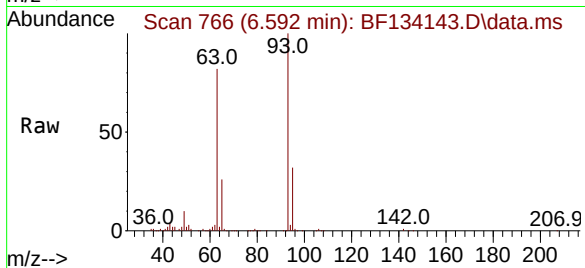
#11
bis(2-Chloroethyl)ether
Concen: 39.331 ng
RT: 6.592 min Scan# 766
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

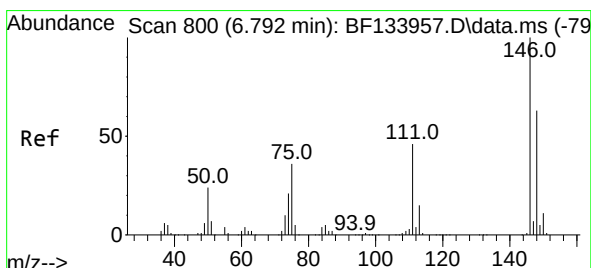
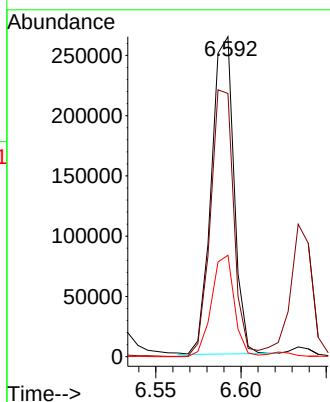
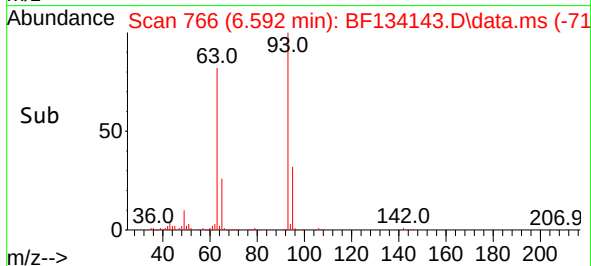
SSTDCCC040



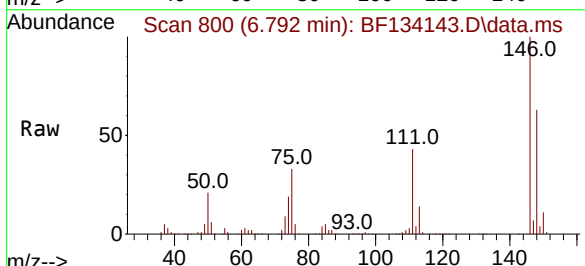
Tgt Ion: 93 Resp: 243569
Ion Ratio Lower Upper
93 100
63 82.3 66.5 106.5
95 31.7 12.9 52.9

Manual Integrations
APPROVED

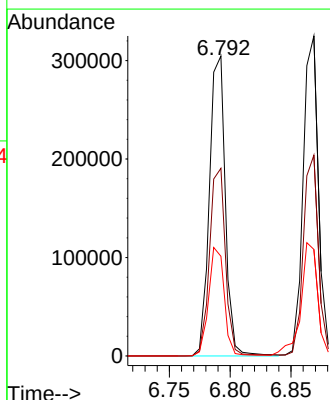
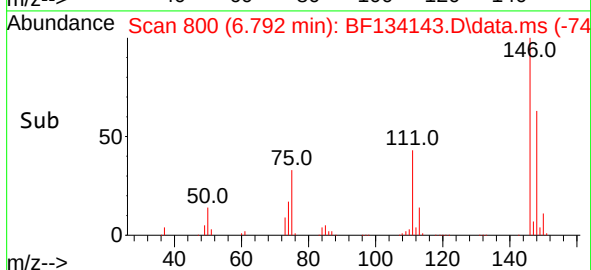
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

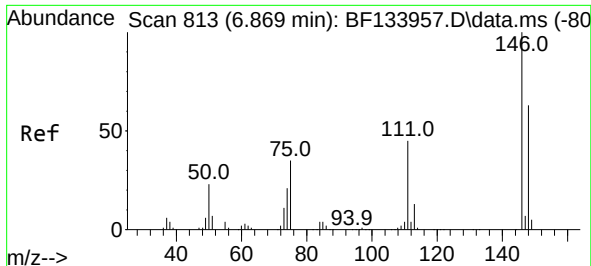


#12
1,3-Dichlorobenzene
Concen: 39.569 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:146 Resp: 278574
Ion Ratio Lower Upper
146 100
148 62.6 50.5 75.7
75 33.2 29.0 43.6





#13

1,4-Dichlorobenzene

Concen: 40.353 ng

RT: 6.869 min Scan# 813

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:146 Resp: 28694

Ion Ratio Lower Upper

146 100

148 62.7 50.2 75.2

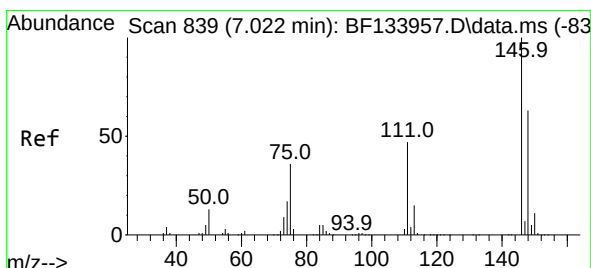
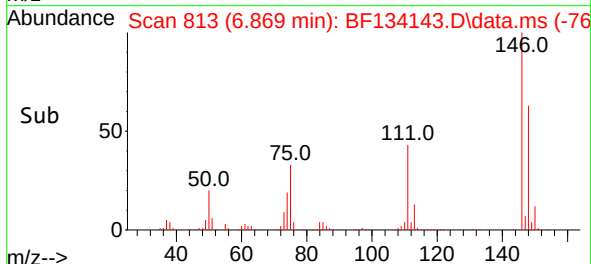
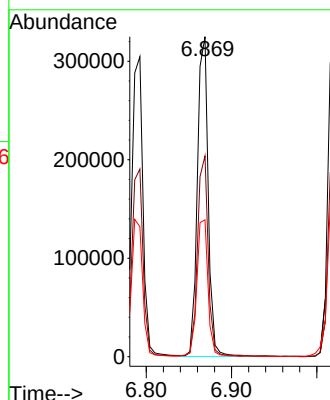
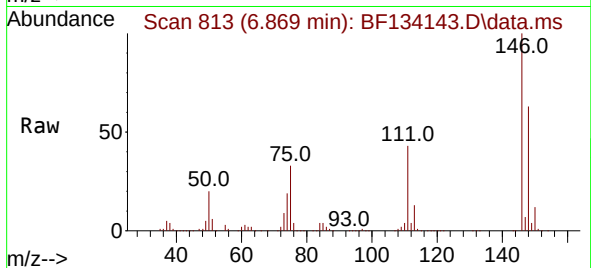
111 42.7 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#14

1,2-Dichlorobenzene

Concen: 39.009 ng

RT: 7.022 min Scan# 839

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

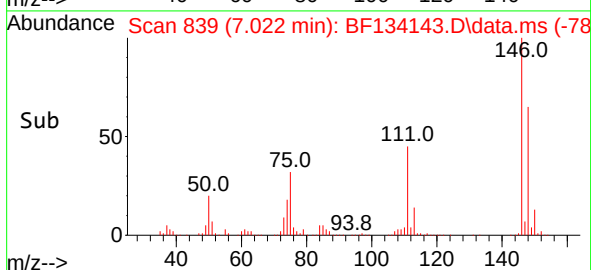
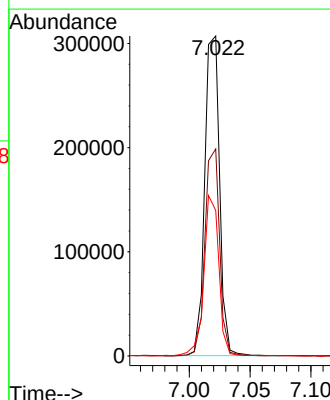
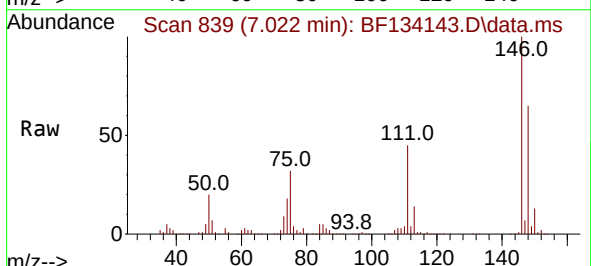
Tgt Ion:146 Resp: 259790

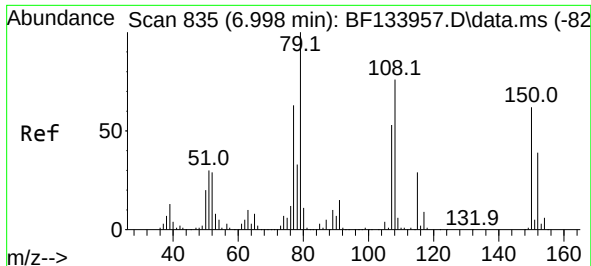
Ion Ratio Lower Upper

146 100

148 64.7 50.6 76.0

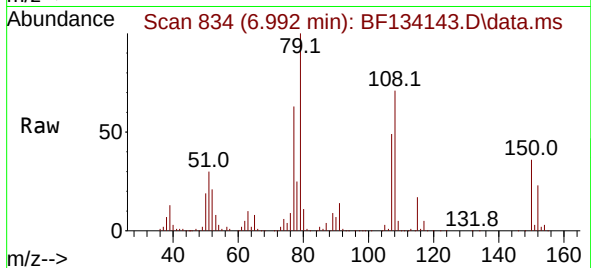
111 45.5 38.0 57.0





#15
Benzyl Alcohol
Concen: 41.150 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

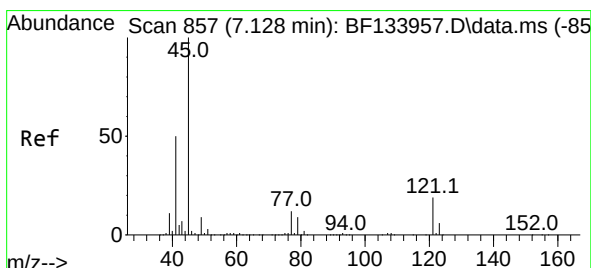
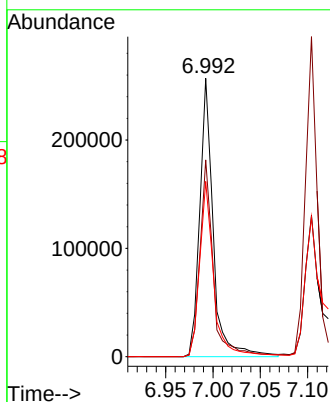
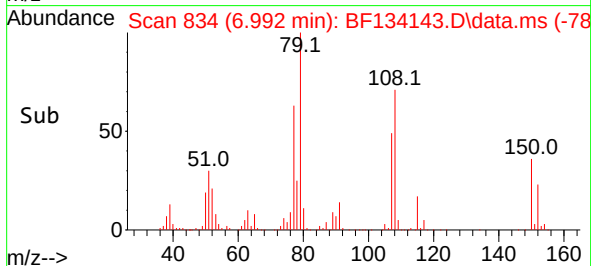
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 79 Resp: 25378
Ion Ratio Lower Upper
79 100
108 70.6 60.7 91.1
77 62.9 50.6 75.8

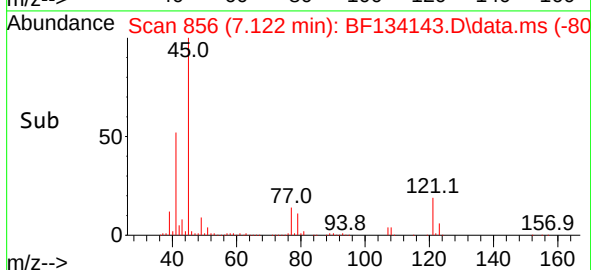
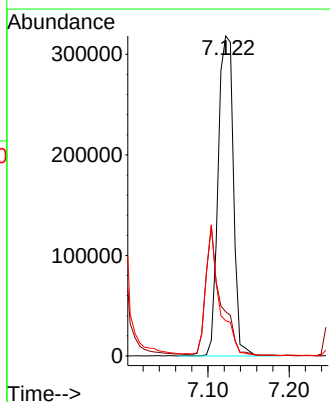
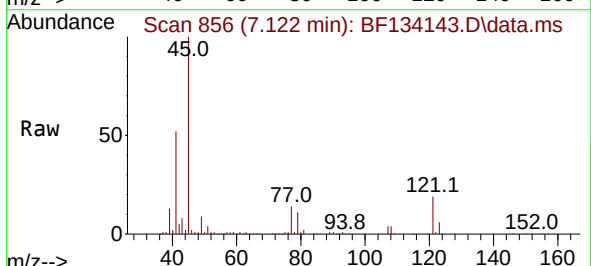
Manual Integrations
APPROVED

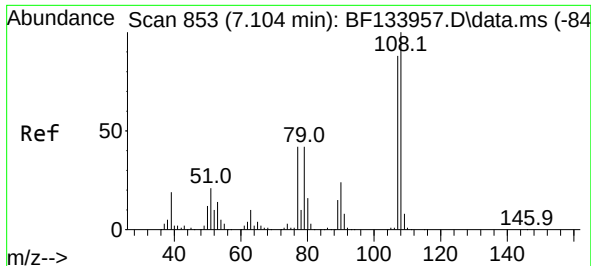
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.950 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion: 45 Resp: 415775
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 11.0 0.0 29.5





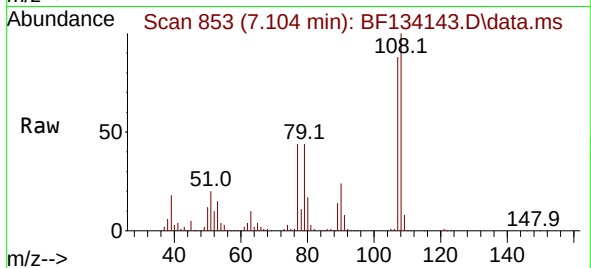
#17
2-Methylphenol
Concen: 39.251 ng
RT: 7.104 min Scan# 853
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



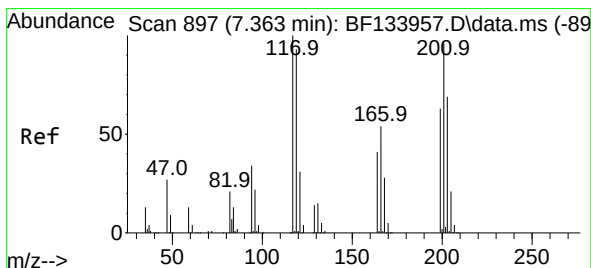
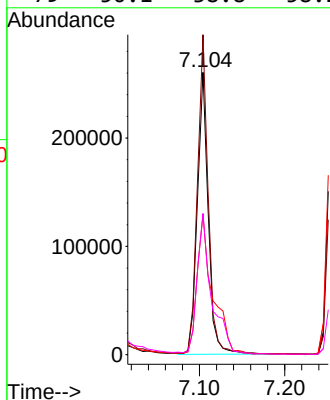
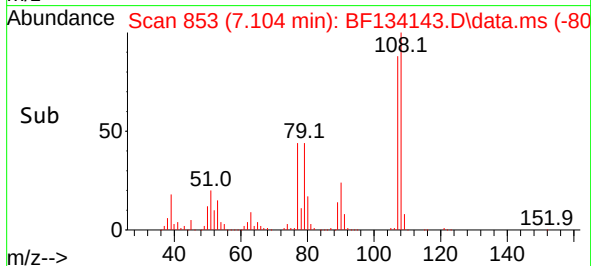
Tgt Ion:107 Resp: 232111
Ion Ratio Lower Upper
107 100
108 113.3 90.6 136.0
77 49.6 38.3 57.5
79 50.1 38.8 58.2

Manual Integrations

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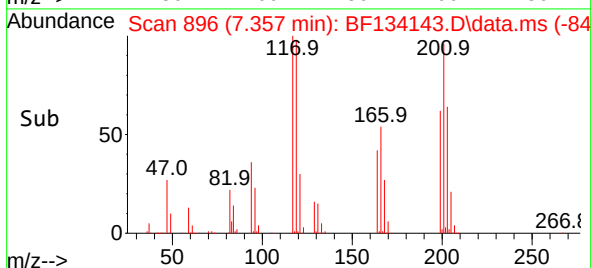
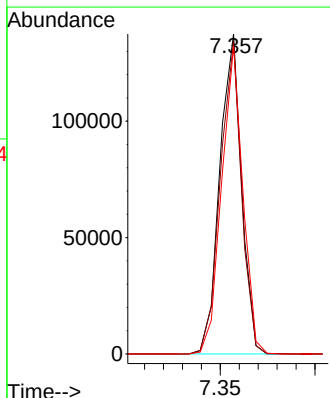
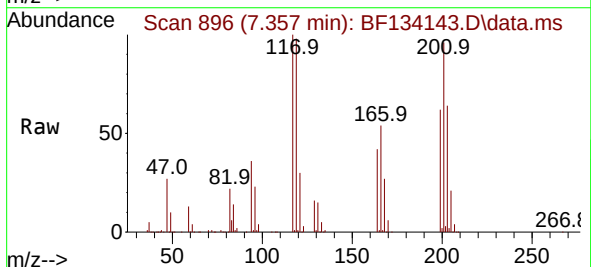
Reviewed By :Yogesh Patel 07/09/2023

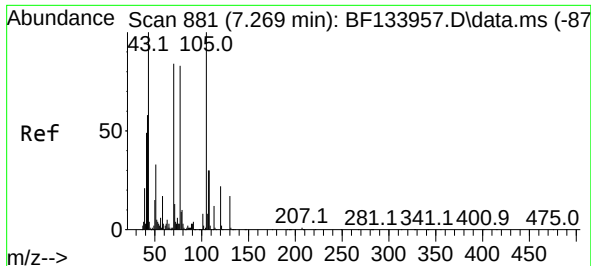
Supervised By :mohammad ahmed 07/09/2023



#18
Hexachloroethane
Concen: 41.581 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:117 Resp: 109635
Ion Ratio Lower Upper
117 100
119 97.8 74.2 111.4
201 96.3 77.2 115.8





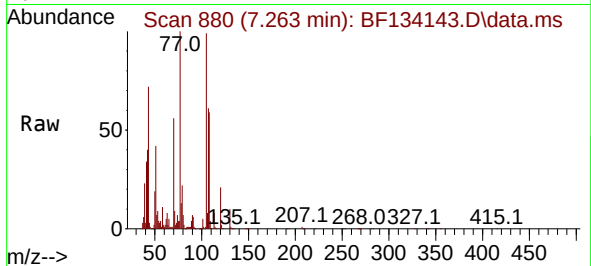
#19
n-Nitroso-di-n-propylamine
Concen: 39.635 ng
RT: 7.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

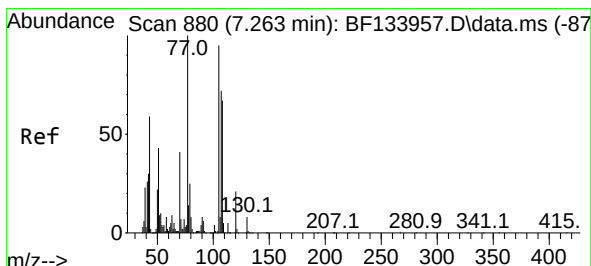
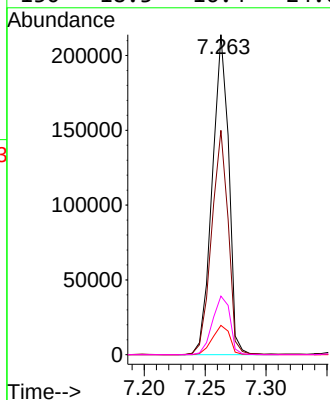
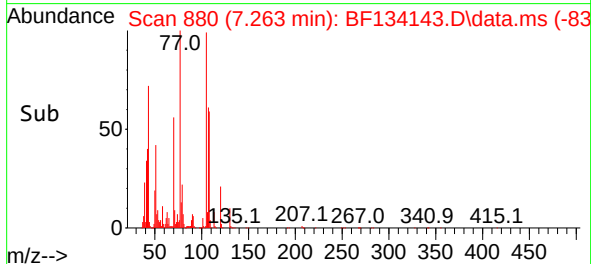


Tgt Ion: 70 Resp: 20108
Ion Ratio Lower Upper
70 100
42 70.1 54.7 82.1
101 9.1 7.7 11.5
130 18.3 16.4 24.6

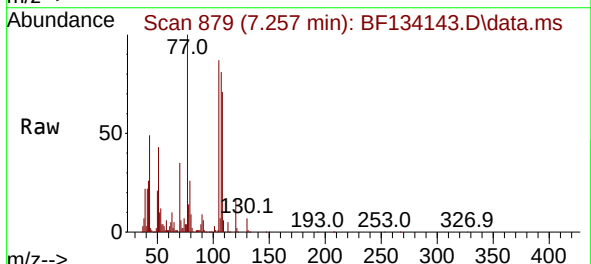
Manual Integrations

APPROVED

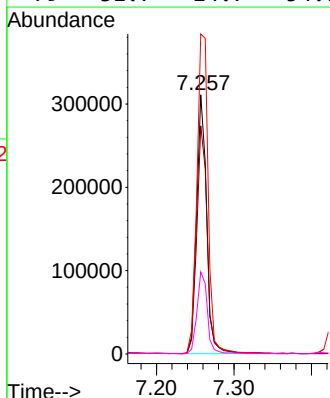
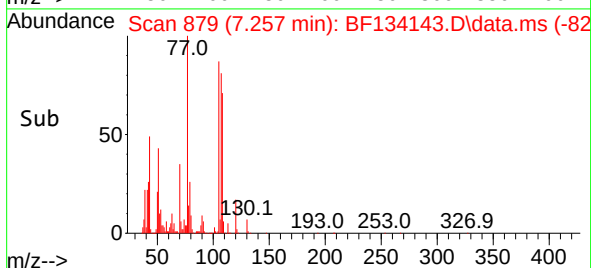
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

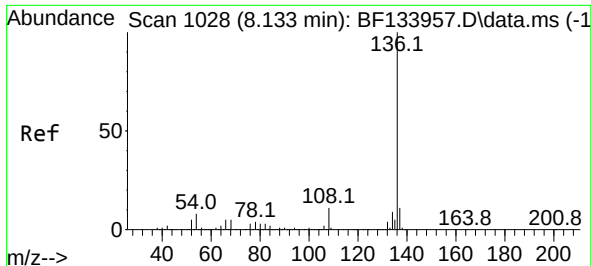


#20
3+4-Methylphenols
Concen: 39.150 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:107 Resp: 280860
Ion Ratio Lower Upper
107 100
108 88.0 73.2 113.2
77 123.5 118.3 158.3
79 31.7 14.7 54.7





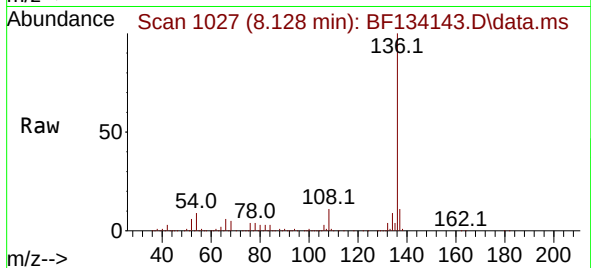
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



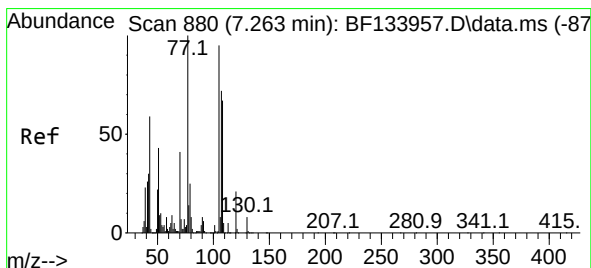
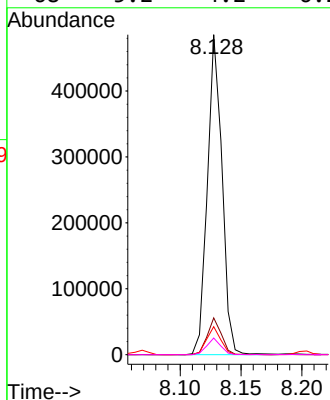
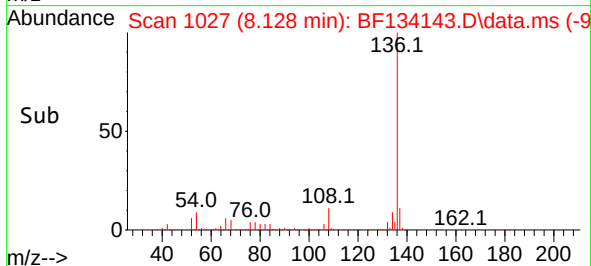
Tgt Ion:136 Resp: 40596
Ion Ratio Lower Upper
136 100
137 11.5 8.6 12.8
54 8.7 6.5 9.7
68 5.2 4.2 6.2

Manual Integrations

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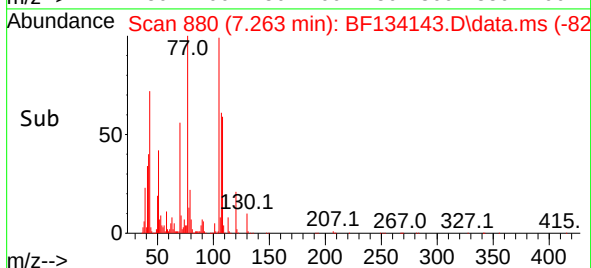
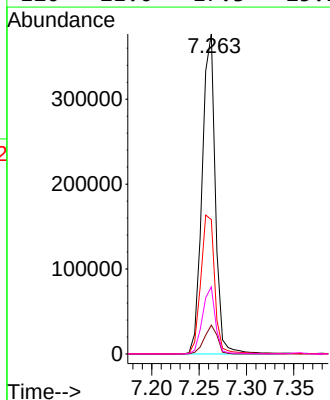
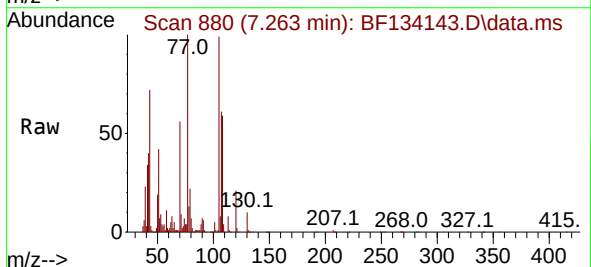
Reviewed By :Yogesh Patel 07/09/2023

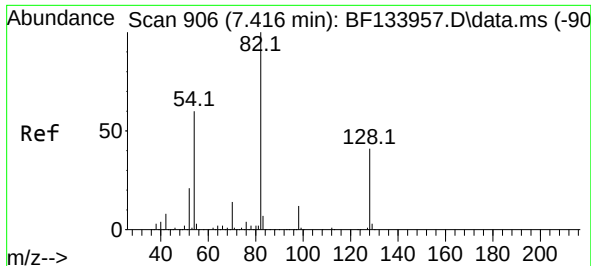
Supervised By :mohammad ahmed 07/09/2023



#22
Acetophenone
Concen: 39.607 ng
RT: 7.263 min Scan# 880
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:105 Resp: 365679
Ion Ratio Lower Upper
105 100
71 9.0 5.5 8.3#
51 42.0 36.5 54.7
120 21.0 17.3 25.9





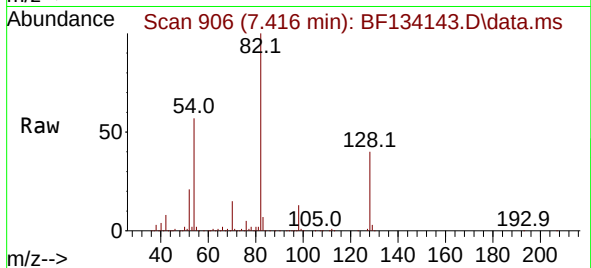
#23
Nitrobenzene-d5
Concen: 81.902 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

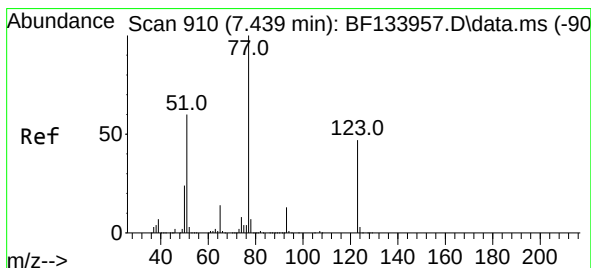
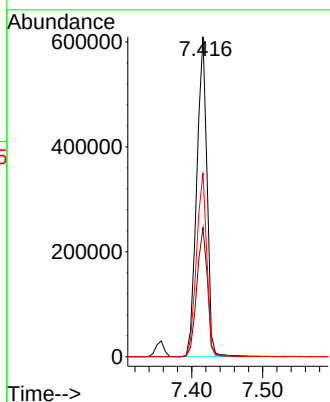
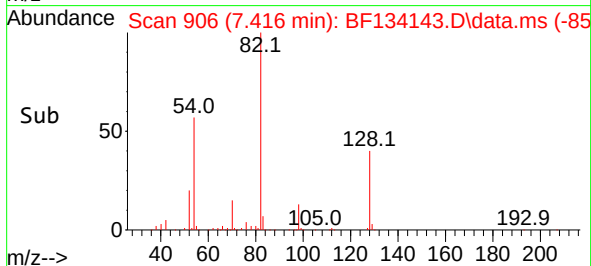
SSTDCCC040



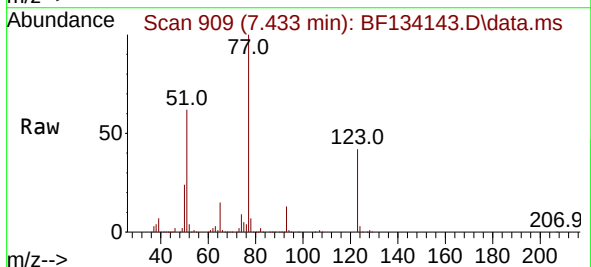
Tgt Ion: 82 Resp: 61680
Ion Ratio Lower Upper
82 100
128 40.3 32.5 48.7
54 57.5 48.2 72.2

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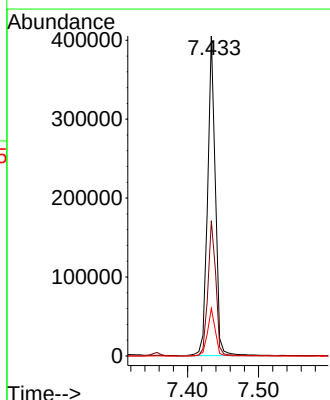
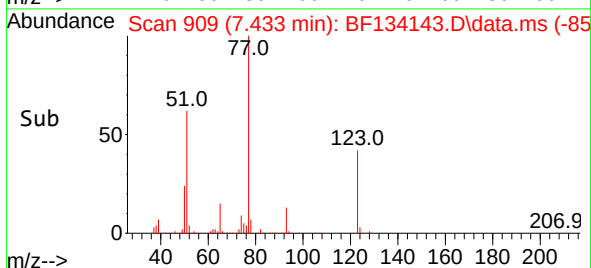
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

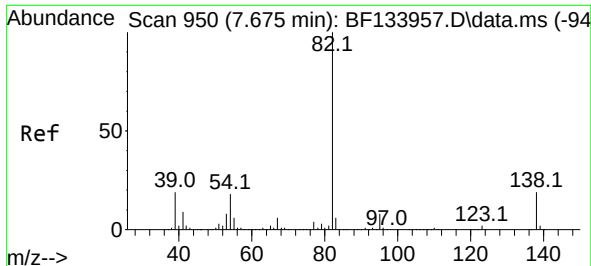


#24
Nitrobenzene
Concen: 40.452 ng
RT: 7.433 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



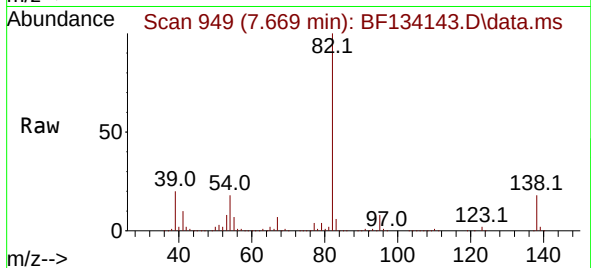
Tgt Ion: 77 Resp: 307850
Ion Ratio Lower Upper
77 100
123 42.2 37.8 56.6
65 14.9 11.3 16.9





#25
Isophorone
Concen: 40.229 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

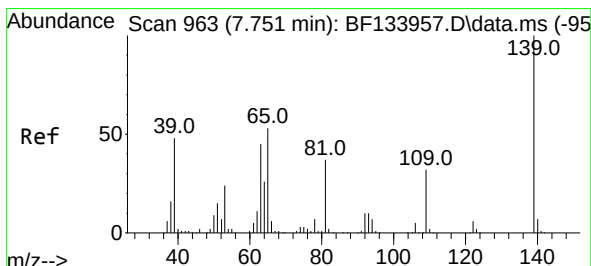
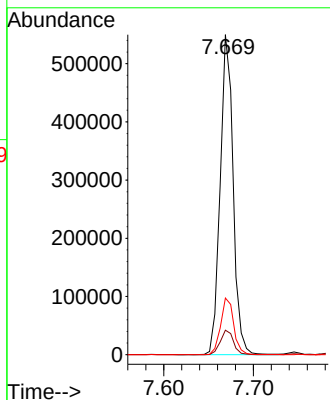
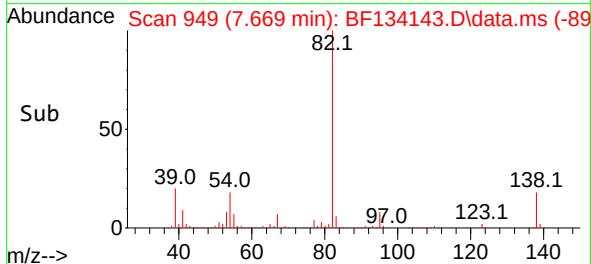
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion: 82 Resp: 550618
Ion Ratio Lower Upper
82 100
95 7.7 6.1 9.1
138 17.7 15.2 22.8

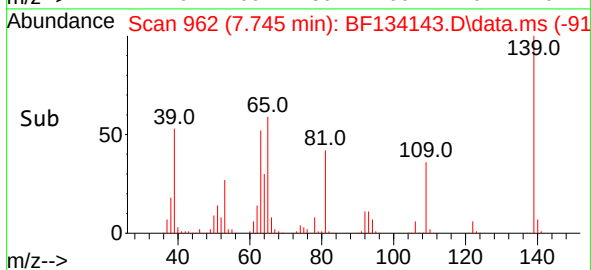
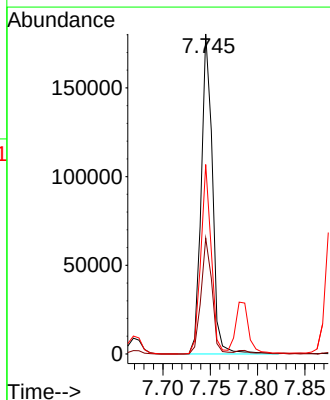
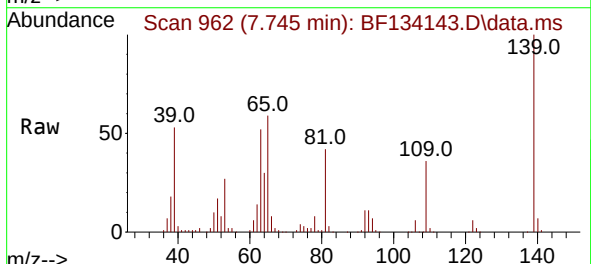
Manual Integrations
APPROVED

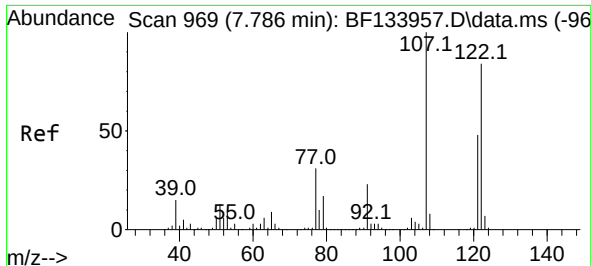
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#26
2-Nitrophenol
Concen: 40.675 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:139 Resp: 148494
Ion Ratio Lower Upper
139 100
109 36.2 25.8 38.8
65 59.2 42.4 63.6





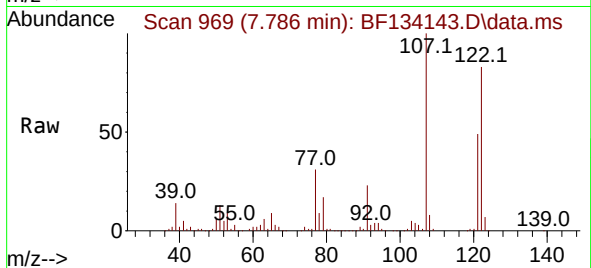
#27
2,4-Dimethylphenol
Concen: 40.069 ng
RT: 7.786 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

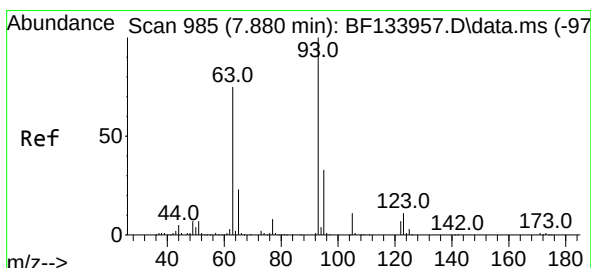
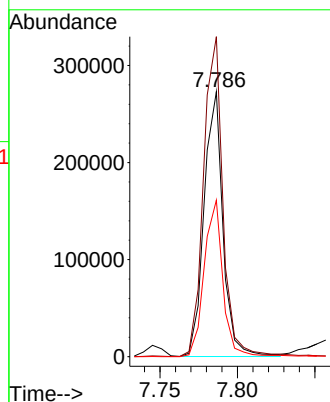
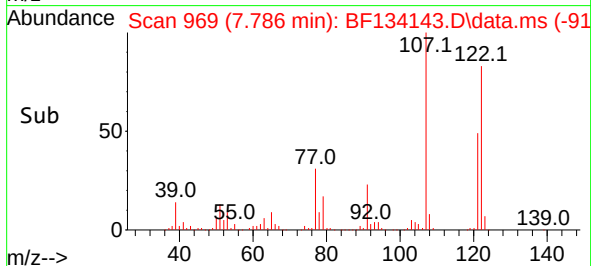


Tgt Ion:122 Resp: 231552
Ion Ratio Lower Upper
122 100
107 120.8 95.5 143.3
121 59.1 45.5 68.3

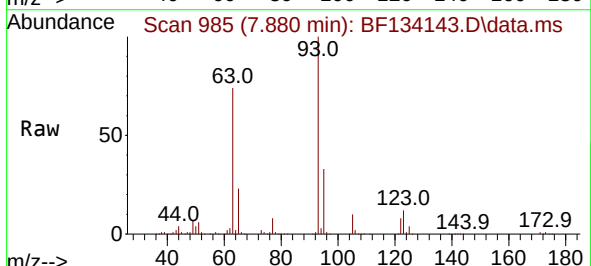
Manual Integrations

APPROVED

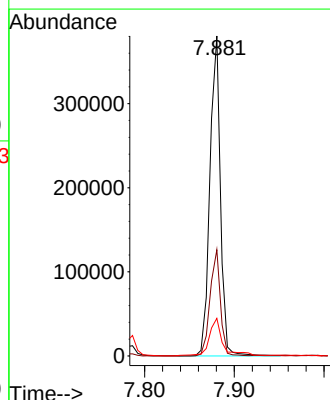
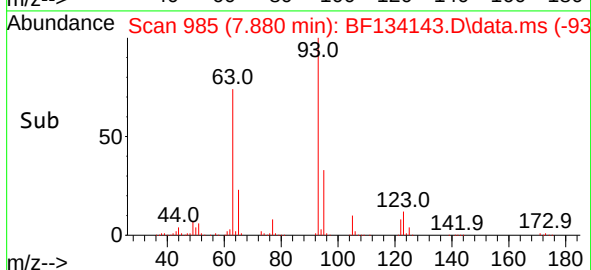
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

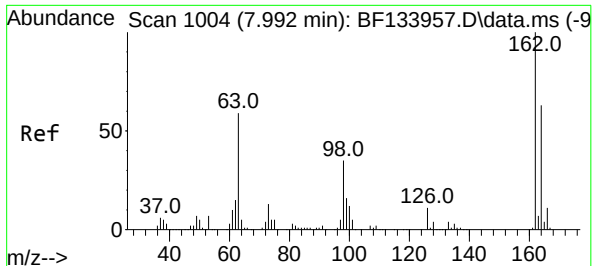


#28
bis(2-Chloroethoxy)methane
Concen: 39.075 ng
RT: 7.880 min Scan# 985
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion: 93 Resp: 309678
Ion Ratio Lower Upper
93 100
95 33.2 26.5 39.7
123 11.8 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 40.283 ng

RT: 7.986 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134143.D

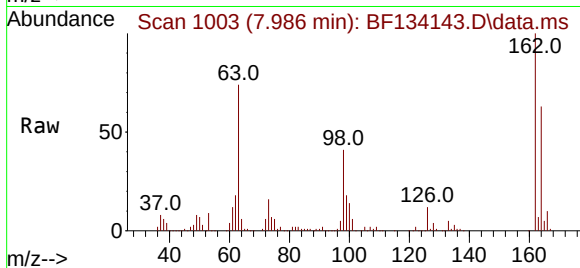
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:162 Resp: 230840

Ion Ratio Lower Upper

162 100

164 63.4 43.2 83.2

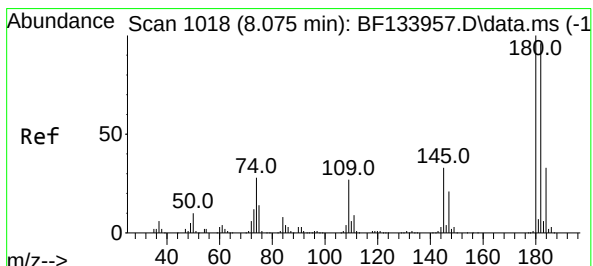
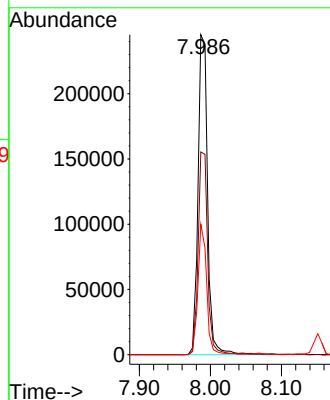
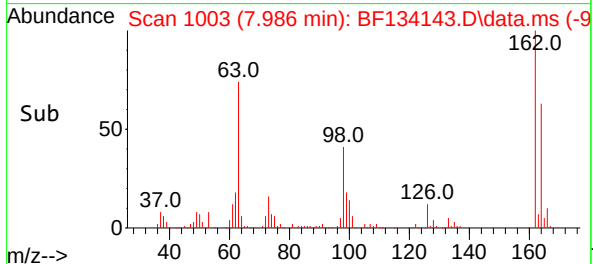
98 40.8 14.9 54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#30

1,2,4-Trichlorobenzene

Concen: 39.776 ng

RT: 8.069 min Scan# 1017

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

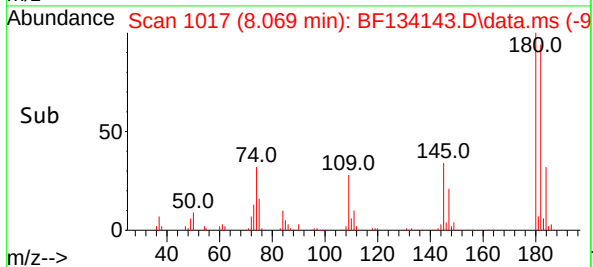
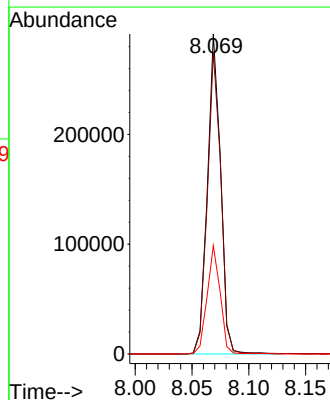
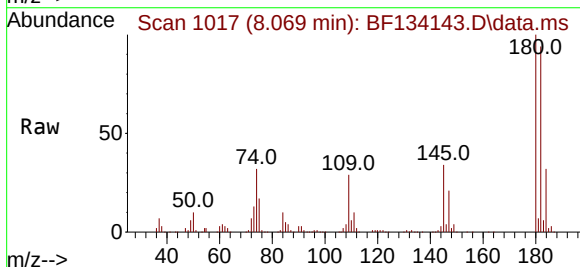
Tgt Ion:180 Resp: 235191

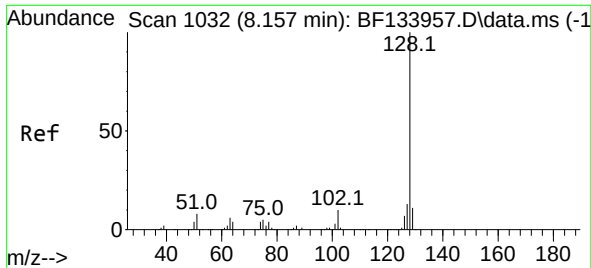
Ion Ratio Lower Upper

180 100

182 94.4 77.1 115.7

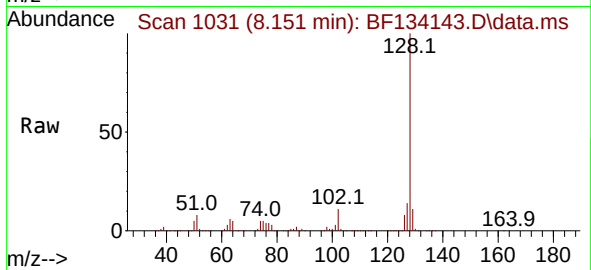
145 33.9 26.0 39.0





#31
Naphthalene
Concen: 39.038 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

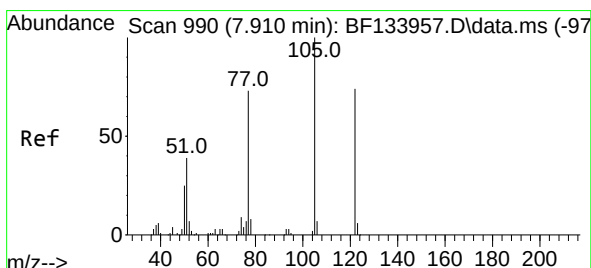
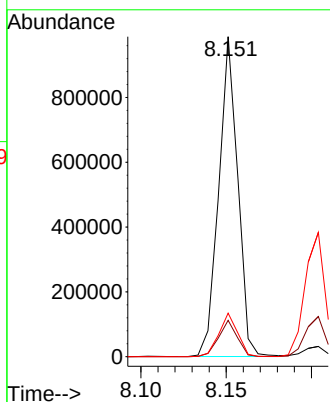
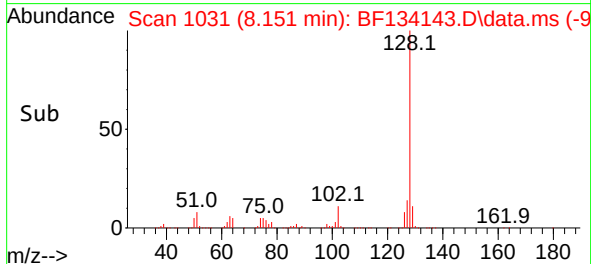
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:128 Resp: 765499
Ion Ratio Lower Upper
128 100
129 11.3 8.7 13.1
127 13.6 10.6 15.8

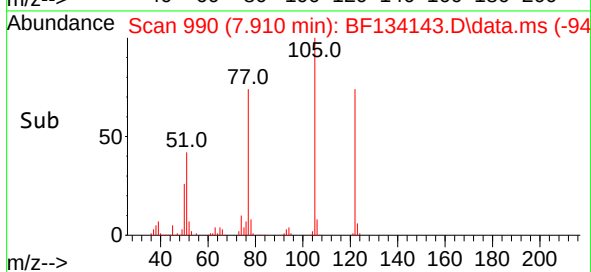
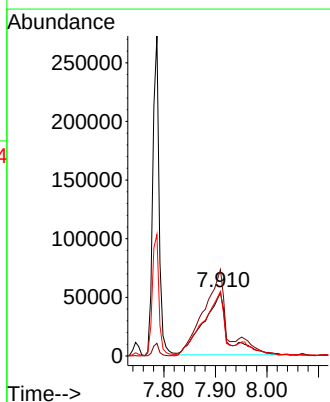
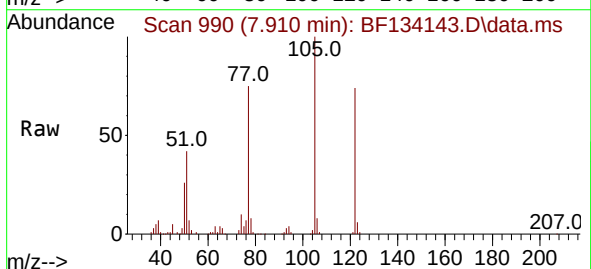
Manual Integrations
APPROVED

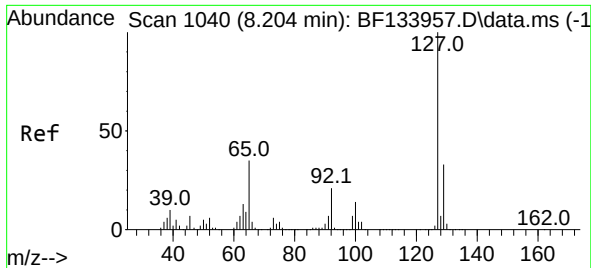
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#32
Benzoic acid
Concen: 40.790 ng m
RT: 7.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:122 Resp: 176635
Ion Ratio Lower Upper
122 100
105 135.9 109.7 149.7
77 101.4 76.0 116.0





#33
4-Chloroaniline
Concen: 39.378 ng
RT: 8.204 min Scan# 1040
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

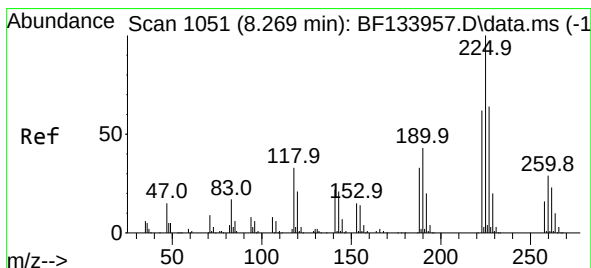
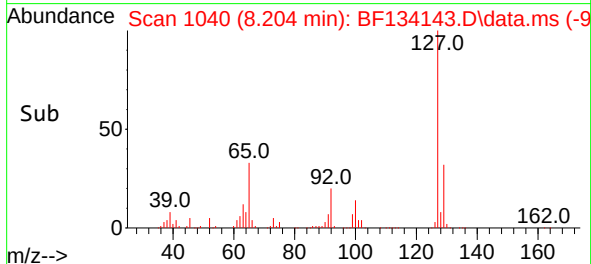
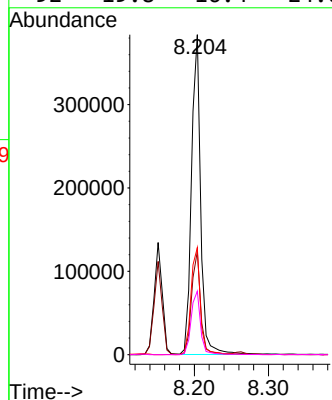
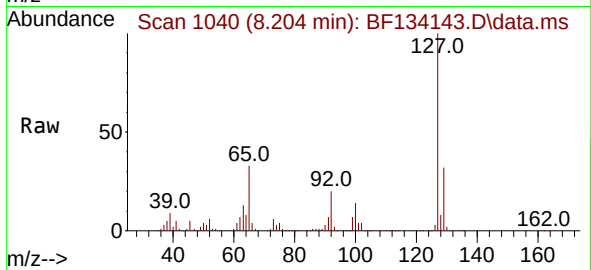
SSTDCCC040

Tgt Ion:127 Resp: 33030
Ion Ratio Lower Upper
127 100
129 32.3 26.4 39.6
65 33.5 27.8 41.8
92 19.8 16.4 24.6

Manual Integrations

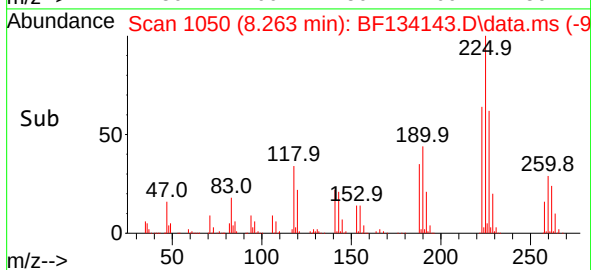
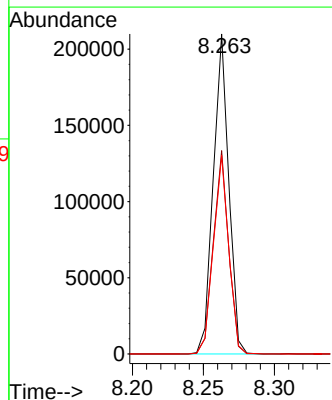
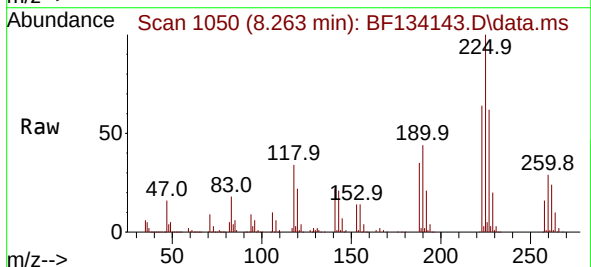
APPROVED

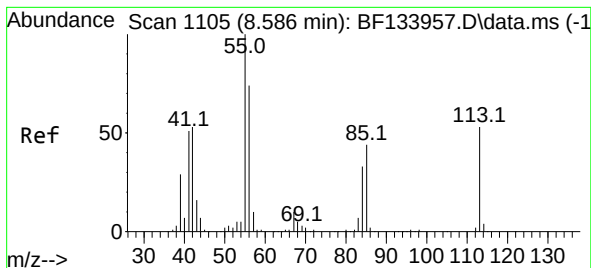
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#34
Hexachlorobutadiene
Concen: 42.587 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:225 Resp: 158843
Ion Ratio Lower Upper
225 100
223 63.5 49.8 74.8
227 62.1 51.0 76.4





#35

Caprolactam

Concen: 39.406 ng

RT: 8.586 min Scan# 1105

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

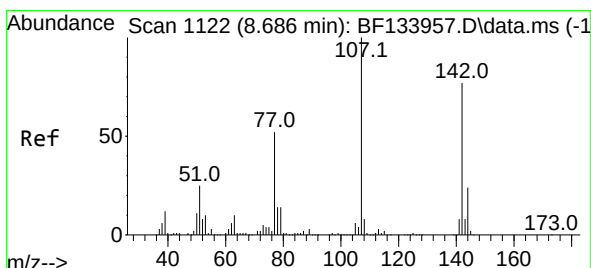
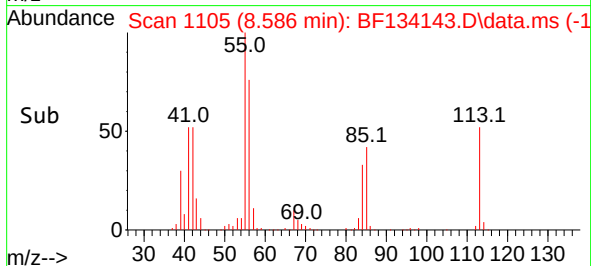
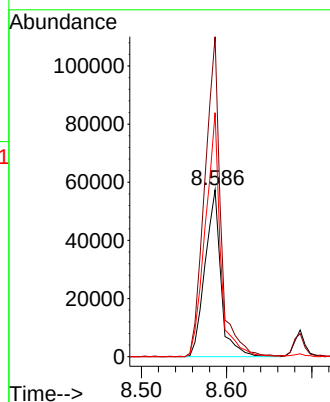
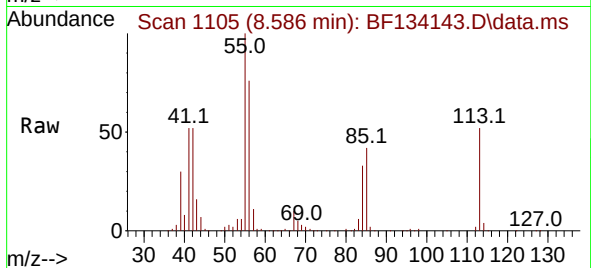
Tgt Ion:	113	Resp:	7435
Ion Ratio	Lower	Upper	
113	100		
55	191.8	170.2	210.2
56	146.2	121.4	161.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#36

4-Chloro-3-methylphenol

Concen: 40.840 ng

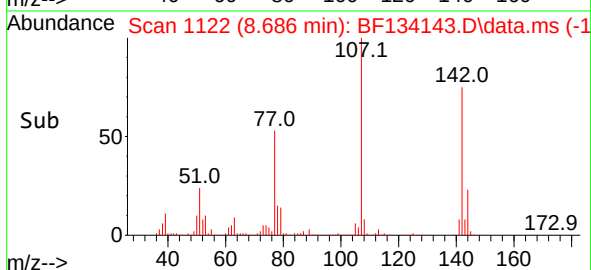
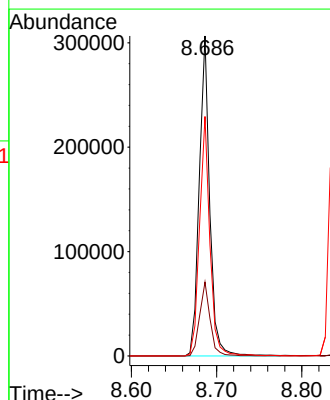
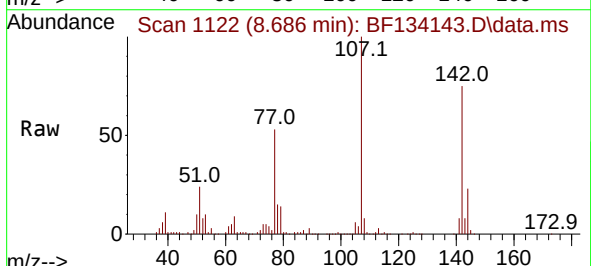
RT: 8.686 min Scan# 1122

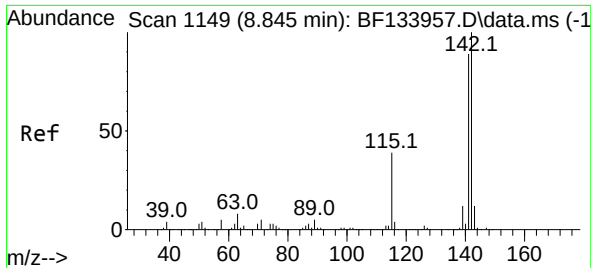
Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion:	107	Resp:	262913
Ion Ratio	Lower	Upper	
107	100		
144	23.1	19.6	29.4
142	74.8	61.4	92.2





#37
2-Methylnaphthalene
Concen: 39.435 ng
RT: 8.845 min Scan# 1149
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

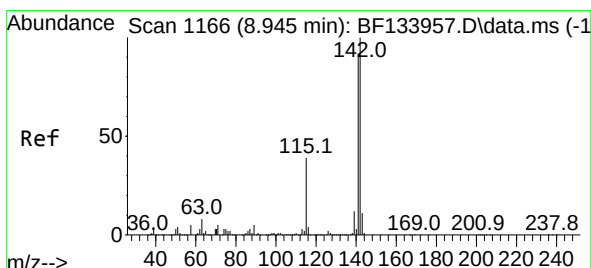
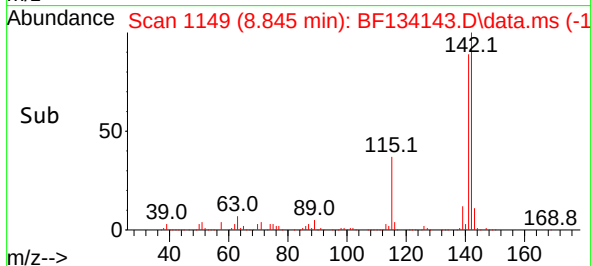
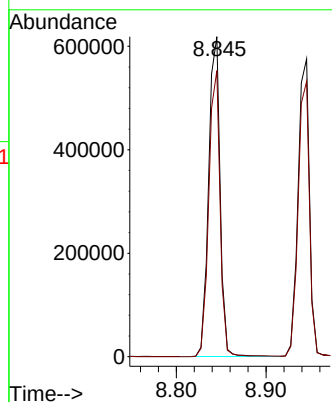
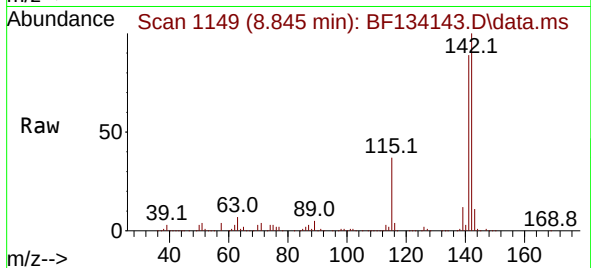
SSTDCCC040

Tgt Ion:142 Resp: 546839
Ion Ratio Lower Upper
142 100
141 89.4 71.0 106.4

Manual Integrations

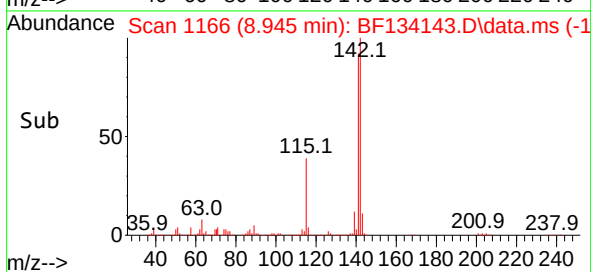
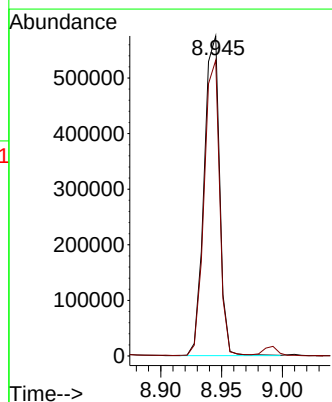
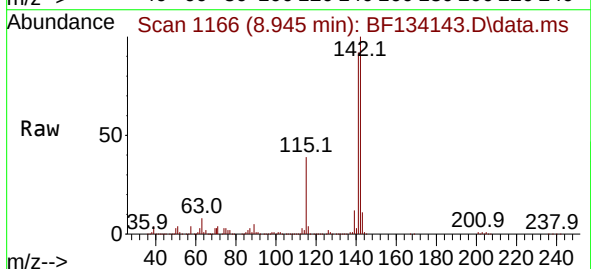
APPROVED

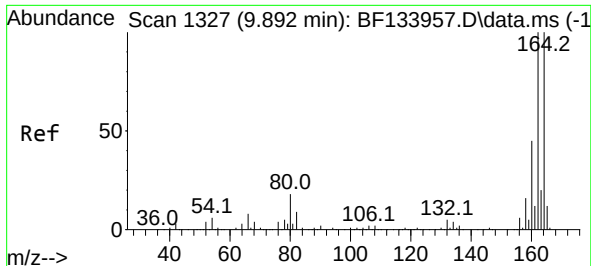
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#38
1-Methylnaphthalene
Concen: 39.470 ng
RT: 8.945 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:142 Resp: 508812
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.886 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF134143.D

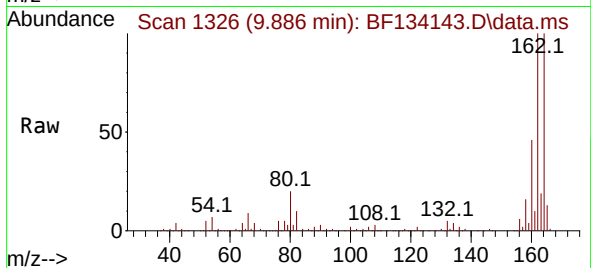
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:164 Resp: 211699

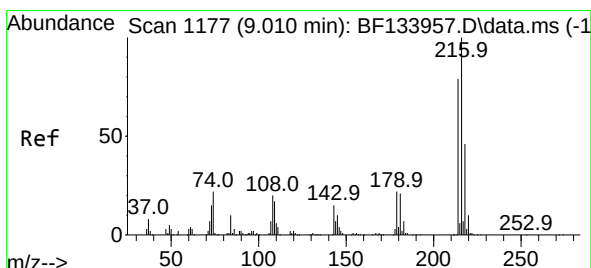
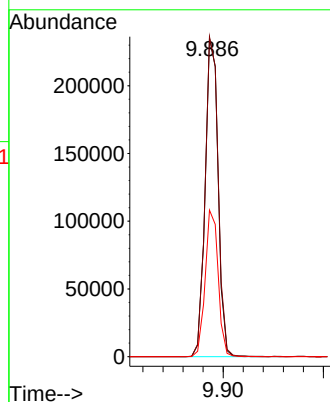
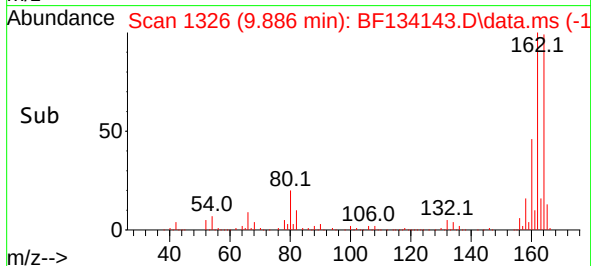
Ion	Ratio	Lower	Upper
164	100		
162	100.4	80.0	120.0
160	46.0	35.9	53.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.110 ng

RT: 9.010 min Scan# 1177

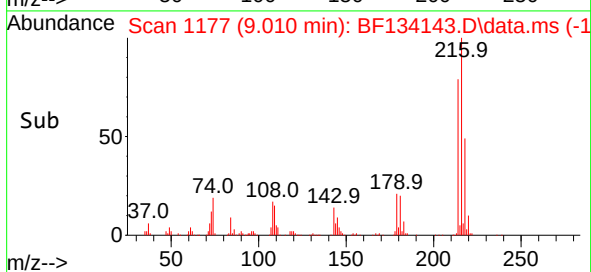
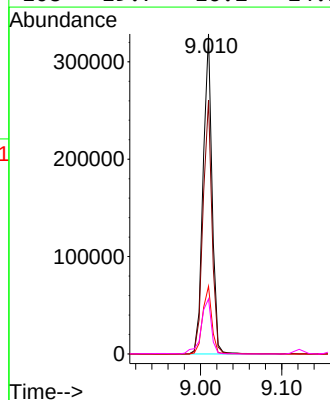
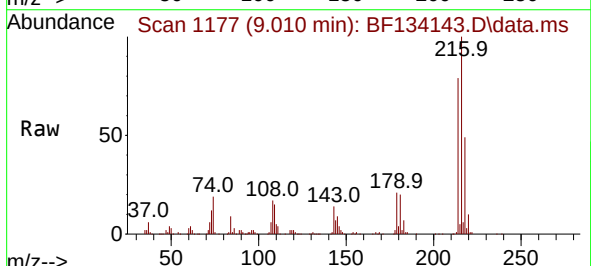
Delta R.T. -0.000 min

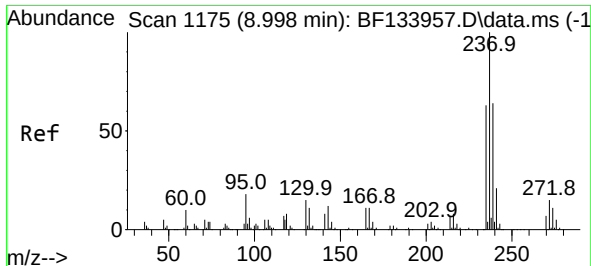
Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion:216 Resp: 251569

Ion	Ratio	Lower	Upper
216	100		
214	79.4	64.1	96.1
179	21.5	17.3	25.9
108	19.7	16.2	24.2





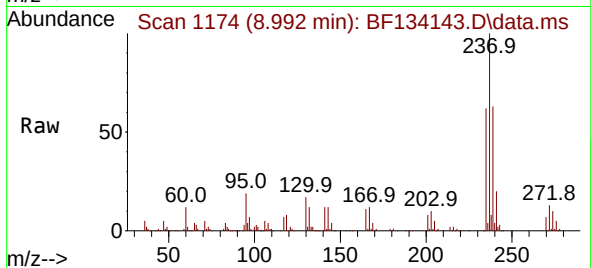
#41
Hexachlorocyclopentadiene
Concen: 35.118 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

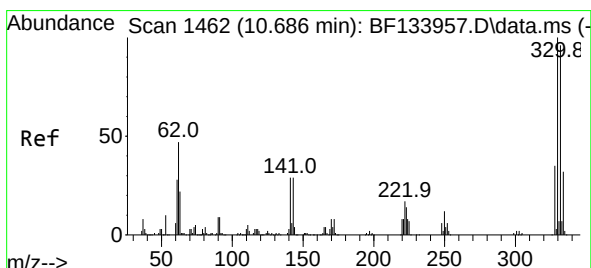
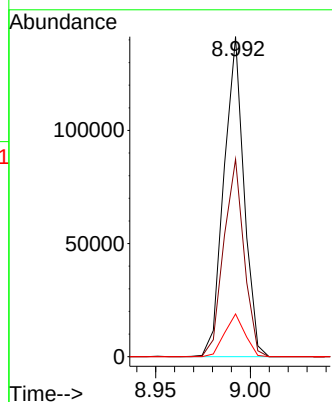
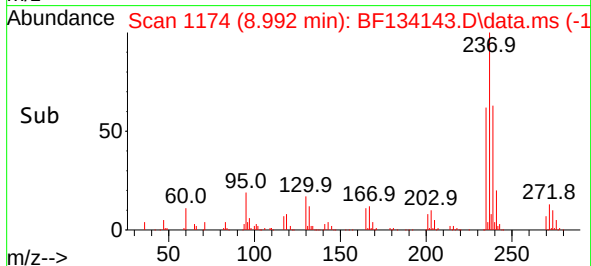


Tgt Ion:237 Resp: 10449
Ion Ratio Lower Upper
237 100
235 61.7 42.8 82.8
272 13.3 0.0 34.6

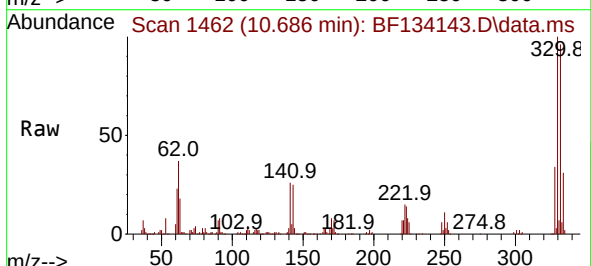
Manual Integrations

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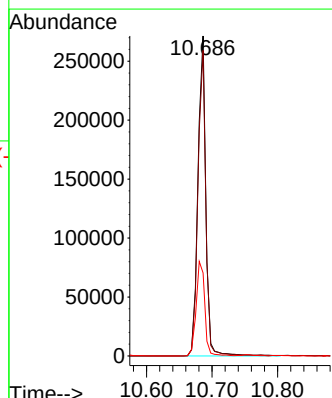
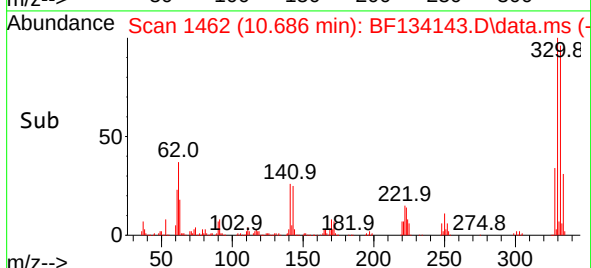
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

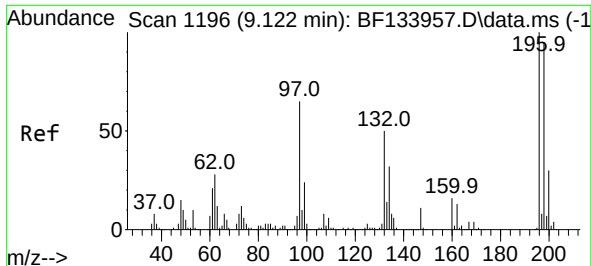


#42
2,4,6-Tribromophenol
Concen: 85.692 ng
RT: 10.686 min Scan# 1462
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:330 Resp: 227451
Ion Ratio Lower Upper
330 100
332 95.5 77.0 115.6
141 32.4 26.3 39.5





#43

2,4,6-Trichlorophenol

Concen: 39.004 ng

RT: 9.122 min Scan# 1196

Delta R.T. -0.006 min

Lab File: BF134143.D

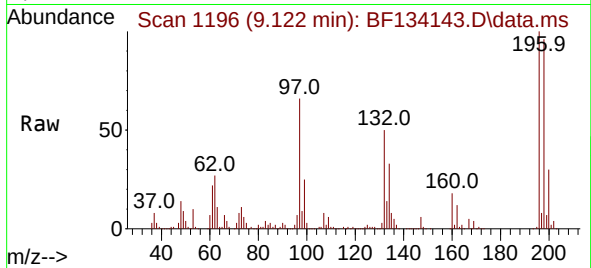
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



Tgt Ion:196 Resp: 166532

Ion Ratio Lower Upper

196 100

198 96.5 75.6 113.4

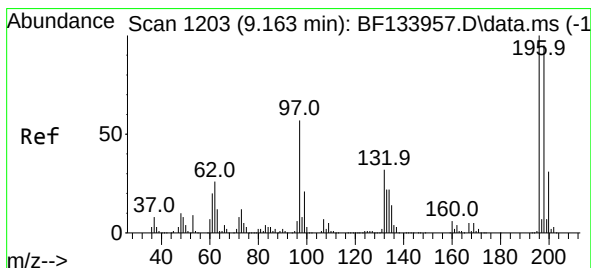
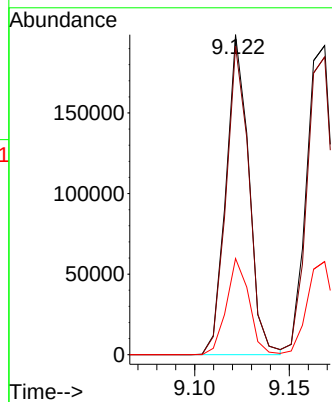
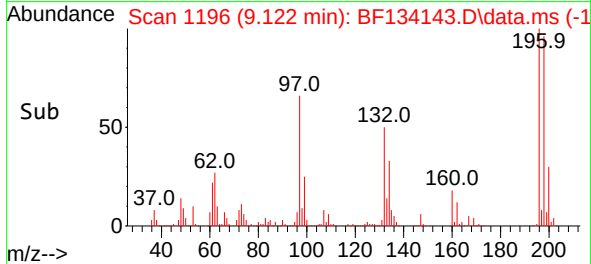
200 30.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#44

2,4,5-Trichlorophenol

Concen: 39.731 ng

RT: 9.169 min Scan# 1204

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion:196 Resp: 199536

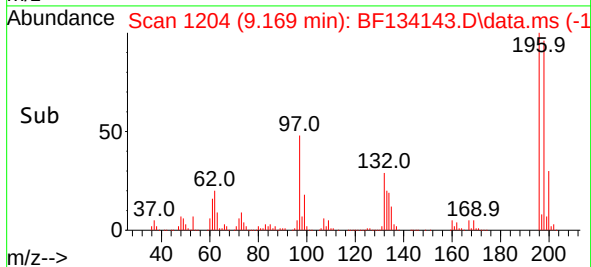
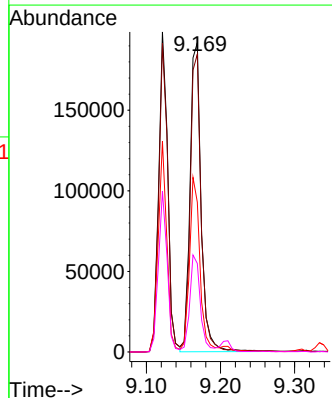
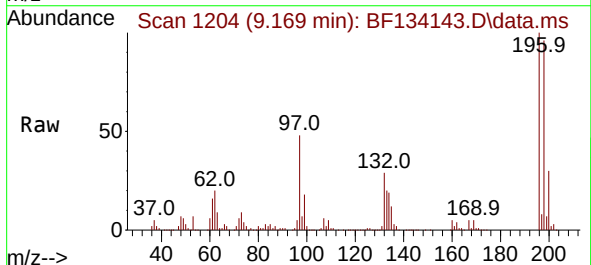
Ion Ratio Lower Upper

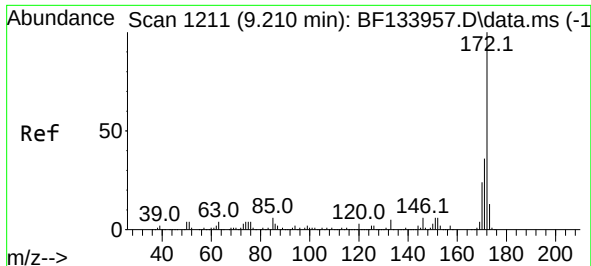
196 100

198 96.4 75.7 113.5

97 48.4 45.8 68.6

132 28.7 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 79.207 ng

RT: 9.210 min Scan# 1211

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:172 Resp: 115332

Ion Ratio Lower Upper

172 100

171 35.3 28.6 43.0

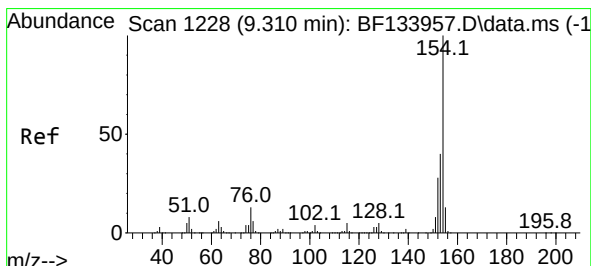
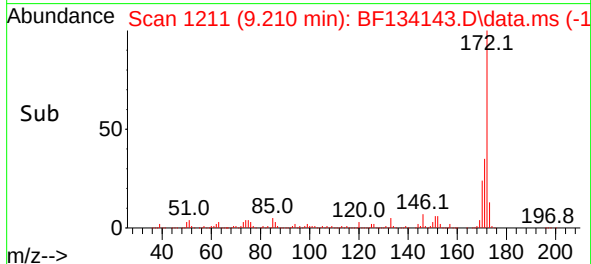
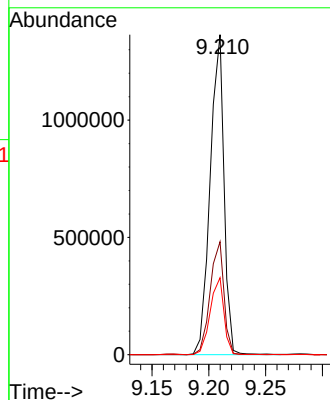
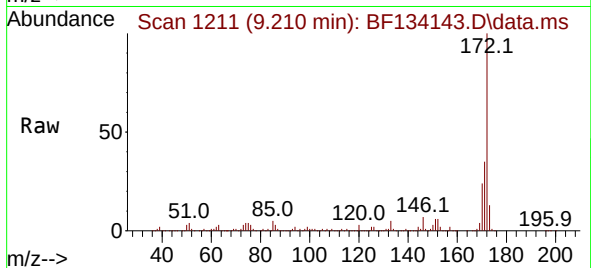
170 24.1 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#46

1,1'-Biphenyl

Concen: 39.240 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

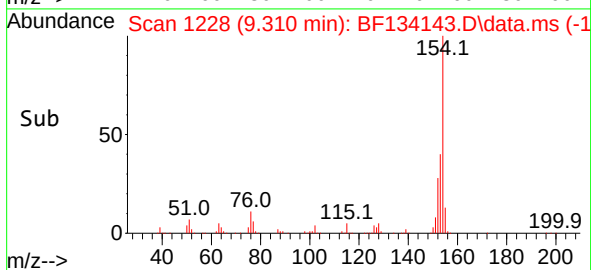
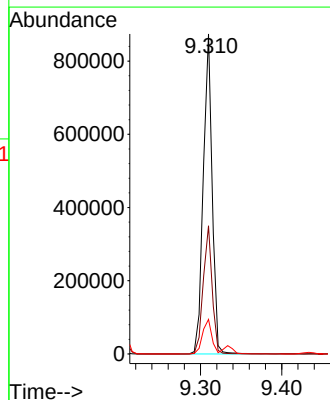
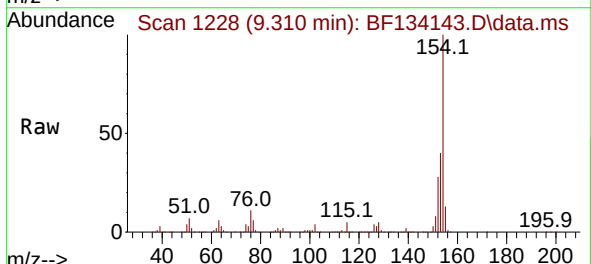
Tgt Ion:154 Resp: 666371

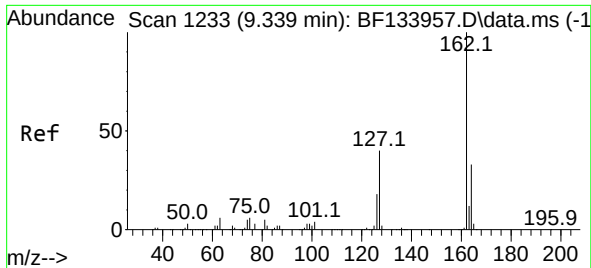
Ion Ratio Lower Upper

154 100

153 40.1 19.8 59.8

76 10.8 0.0 32.9





#47

2-Chloronaphthalene

Concen: 38.747 ng

RT: 9.333 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

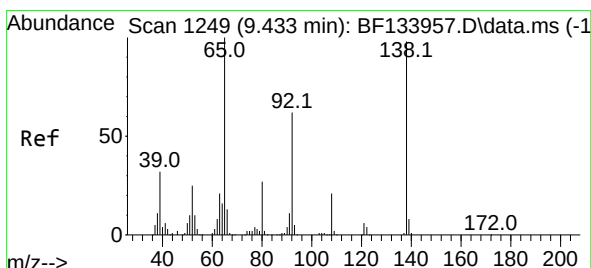
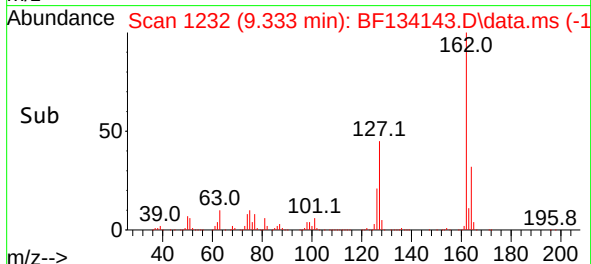
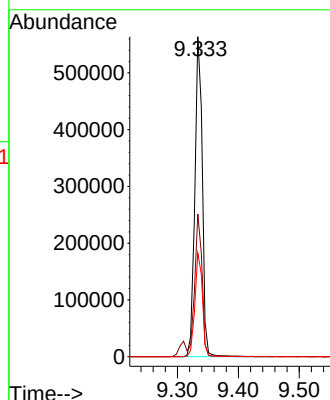
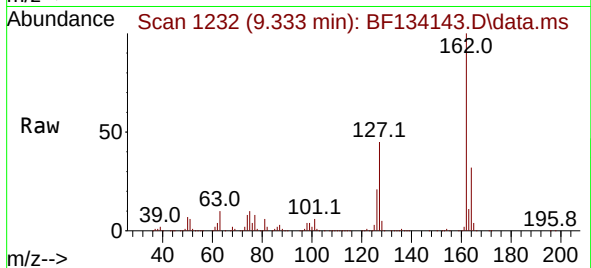
Tgt Ion:162 Resp: 481425
 Ion Ratio Lower Upper
 162 100
 127 44.6 32.9 49.3
 164 32.4 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#48

2-Nitroaniline

Concen: 40.177 ng

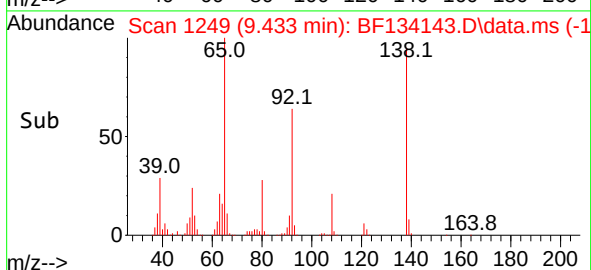
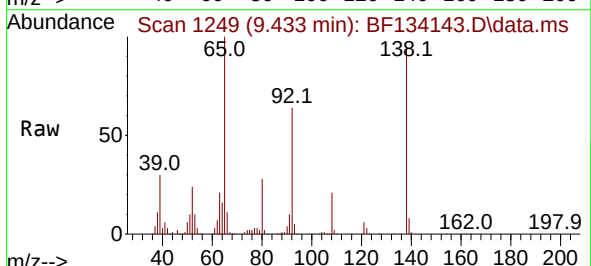
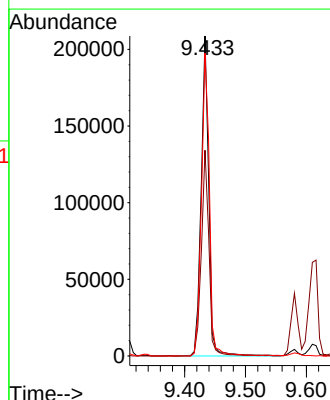
RT: 9.433 min Scan# 1249

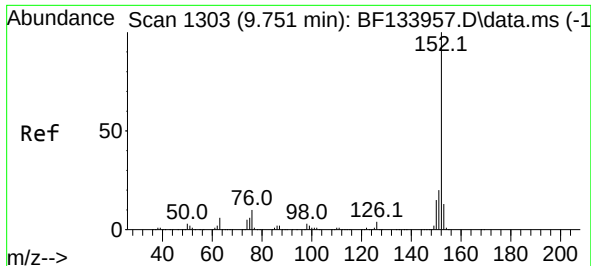
Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion: 65 Resp: 181933
 Ion Ratio Lower Upper
 65 100
 92 64.3 49.5 74.3
 138 94.7 78.0 117.0





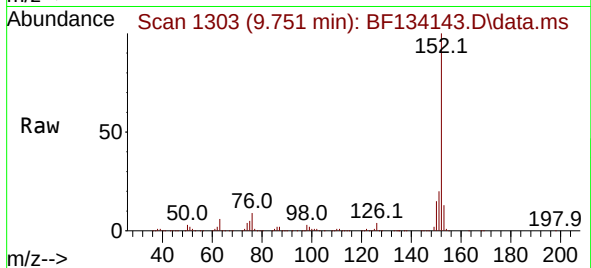
#49
Acenaphthylene
Concen: 38.602 ng
RT: 9.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

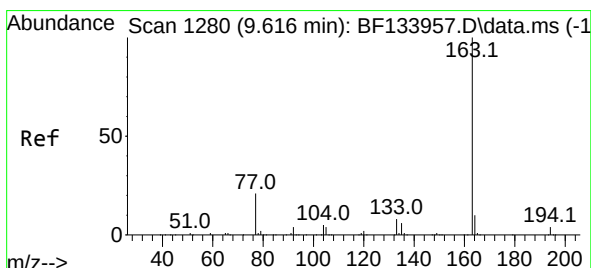
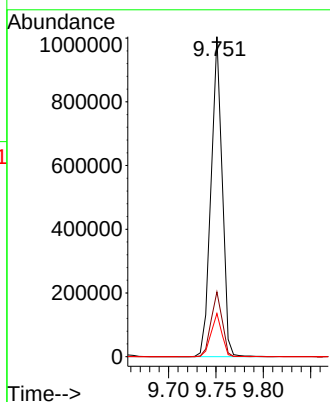
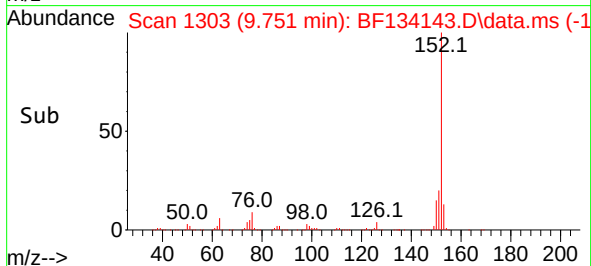


Tgt Ion:152 Resp: 819318
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.2
153 13.5 10.8 16.2

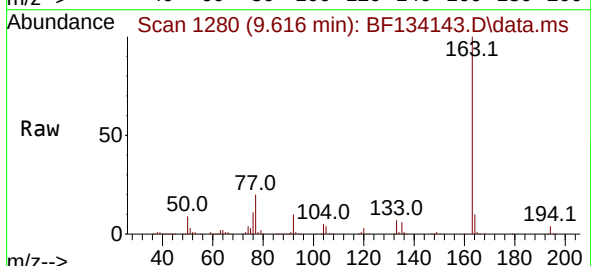
Manual Integrations

APPROVED

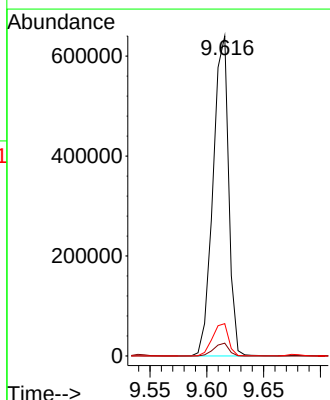
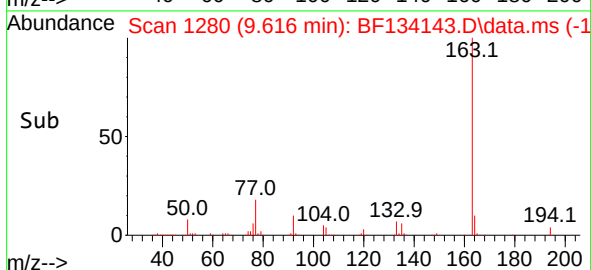
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

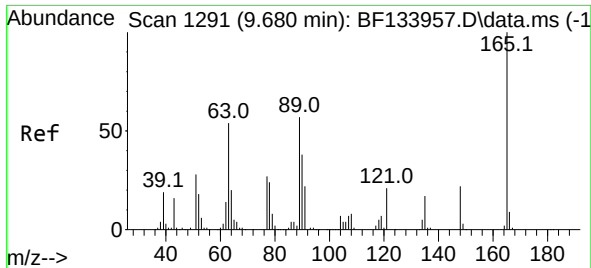


#50
Dimethylphthalate
Concen: 39.935 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:163 Resp: 613700
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.1 8.2 12.2





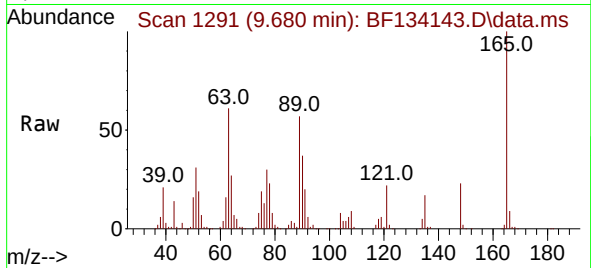
#51
2,6-Dinitrotoluene
Concen: 40.262 ng
RT: 9.680 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

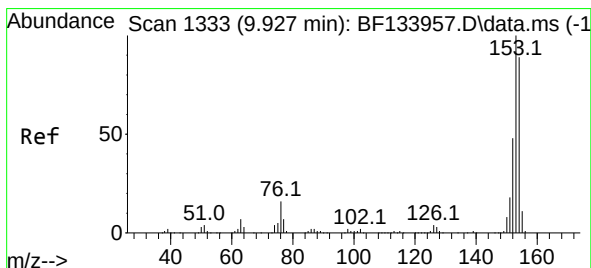
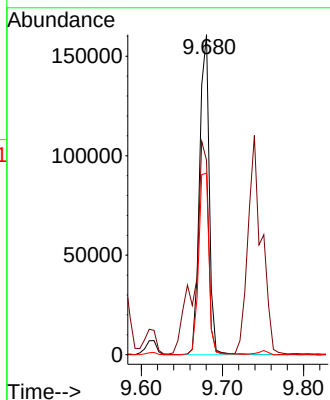
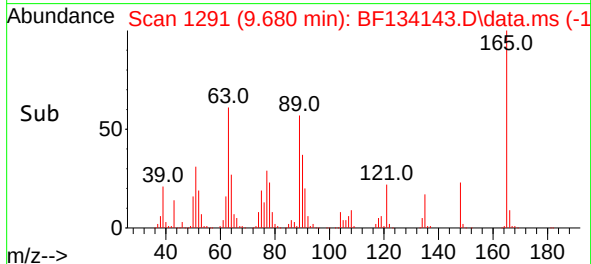


Tgt Ion:165 Resp: 133260
Ion Ratio Lower Upper
165 100
63 60.7 48.5 72.7
89 56.7 45.5 68.3

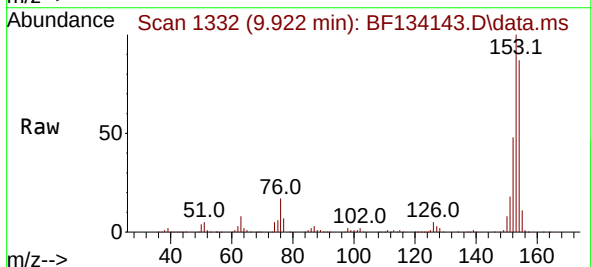
Manual Integrations

APPROVED

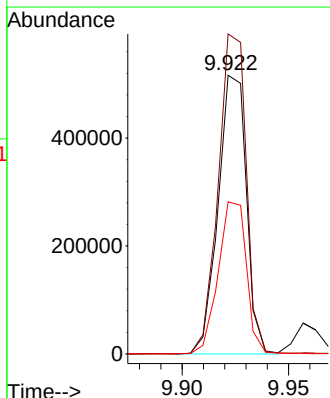
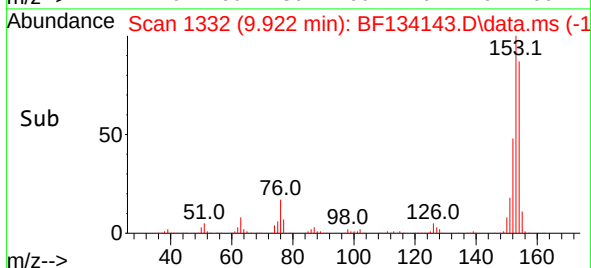
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

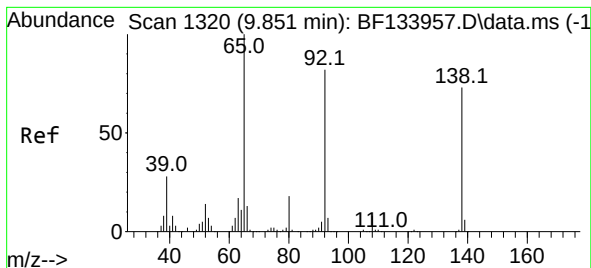


#52
Acenaphthene
Concen: 38.672 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:154 Resp: 476277
Ion Ratio Lower Upper
154 100
153 114.8 89.4 134.2
152 54.6 42.8 64.2





#53

3-Nitroaniline

Concen: 38.211 ng

RT: 9.851 min Scan# 1320

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:138 Resp: 15172

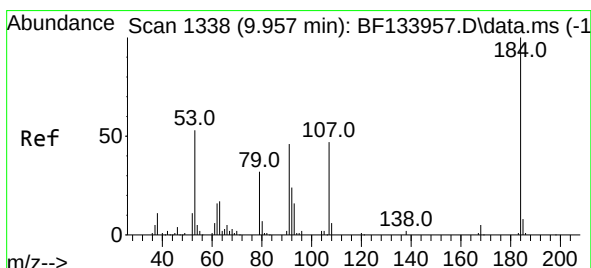
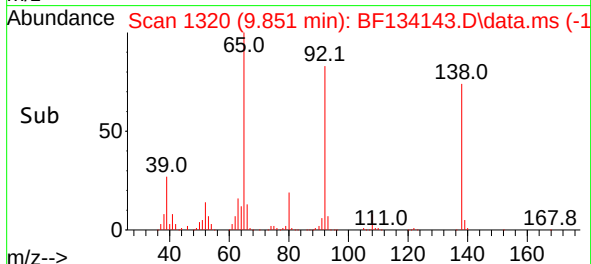
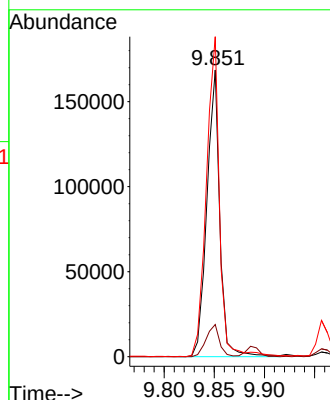
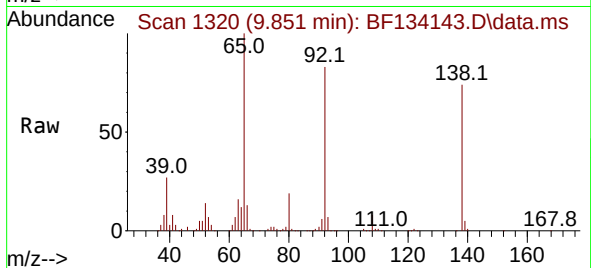
Ion	Ratio	Lower	Upper
138	100		
108	11.2	8.4	12.6
92	111.6	90.1	135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#54

2,4-Dinitrophenol

Concen: 39.529 ng

RT: 9.957 min Scan# 1338

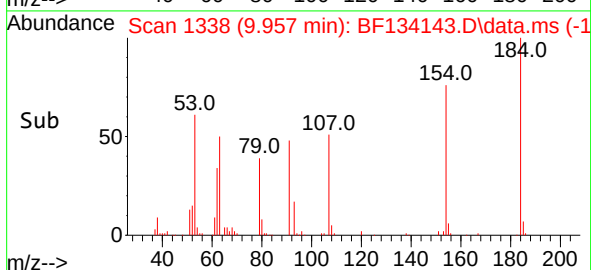
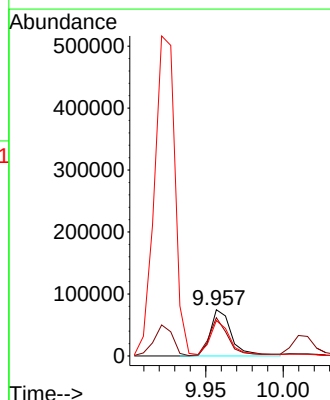
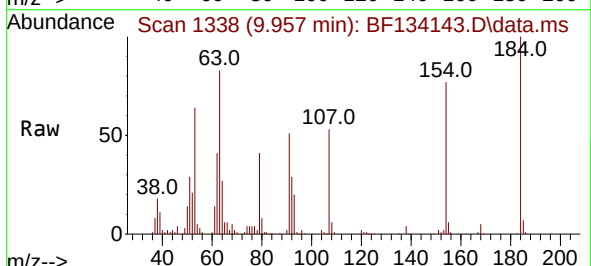
Delta R.T. -0.006 min

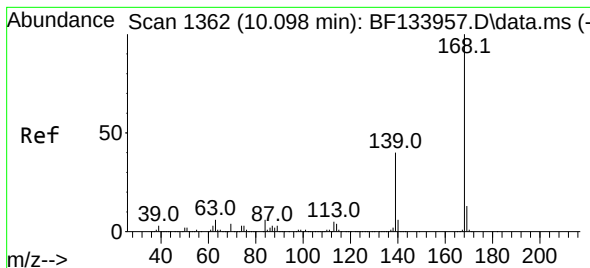
Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion:184 Resp: 71633

Ion	Ratio	Lower	Upper
184	100		
63	82.8	56.9	85.3
154	76.6	55.4	83.0





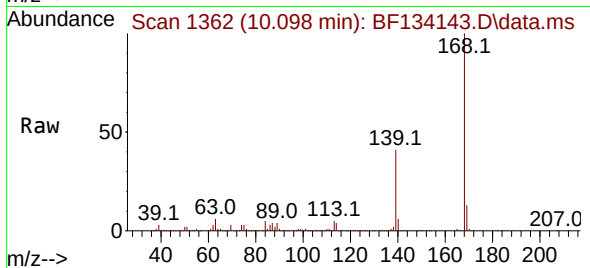
#55
Dibenzofuran
Concen: 38.599 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



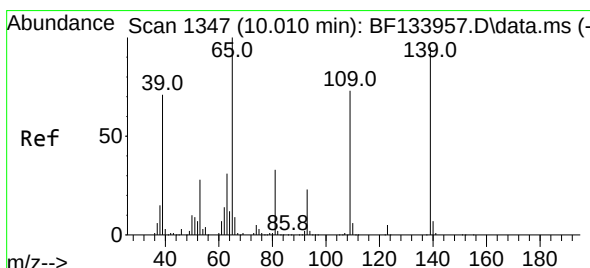
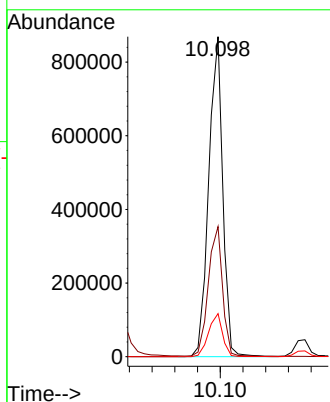
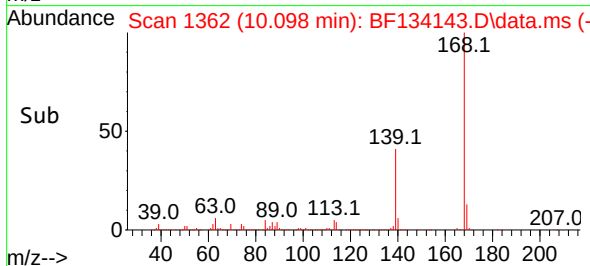
Tgt Ion:168 Resp: 742952
Ion Ratio Lower Upper
168 100
139 40.6 32.0 48.0
169 13.4 10.6 16.0

Manual Integrations

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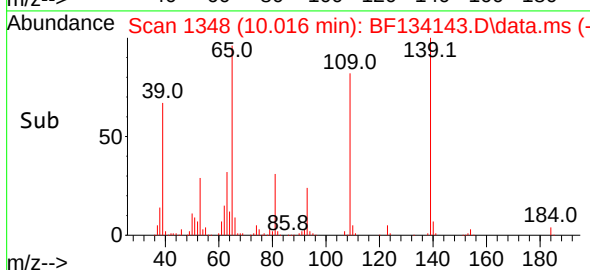
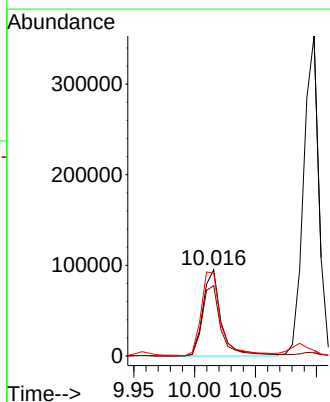
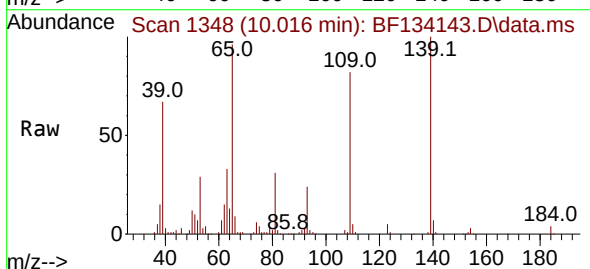
Reviewed By :Yogesh Patel 07/09/2023

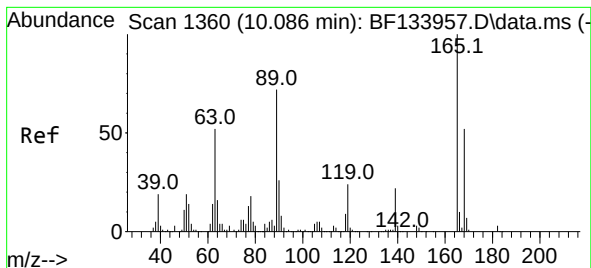
Supervised By :mohammad ahmed 07/09/2023



#56
4-Nitrophenol
Concen: 35.728 ng
RT: 10.016 min Scan# 1348
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:139 Resp: 99234
Ion Ratio Lower Upper
139 100
109 81.5 56.8 96.8
65 96.1 86.1 126.1





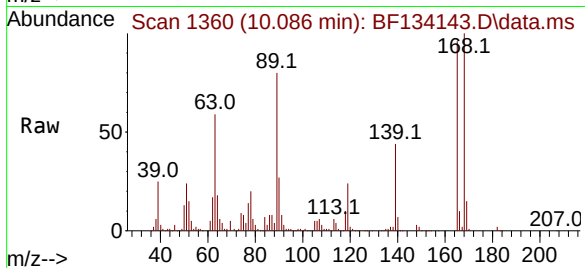
#57
2,4-Dinitrotoluene
Concen: 39.441 ng
RT: 10.086 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

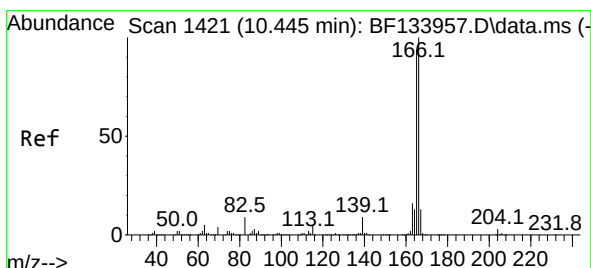
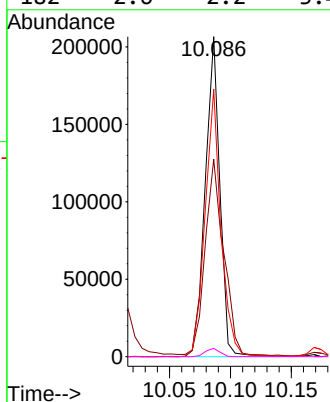
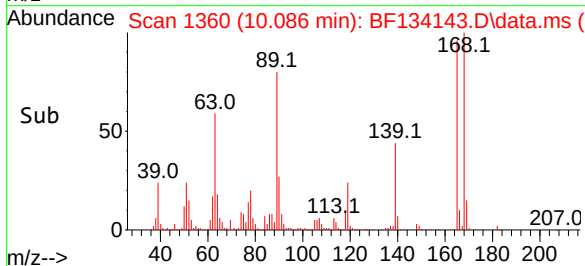


Tgt Ion:165 Resp: 17240
Ion Ratio Lower Upper
165 100
63 61.8 42.2 63.2
89 83.6 57.4 86.2
182 2.6 2.2 3.4

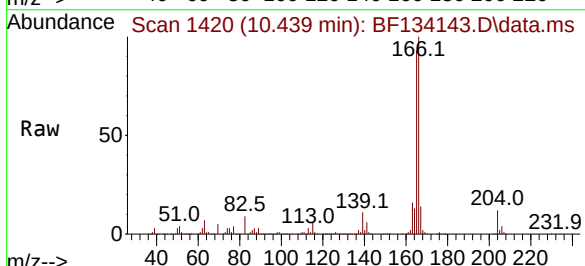
Manual Integrations

APPROVED

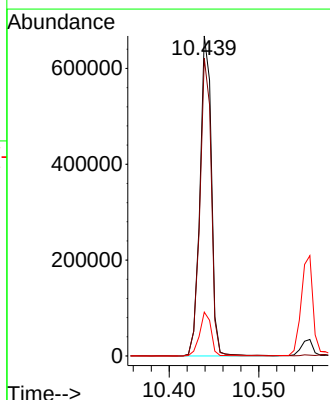
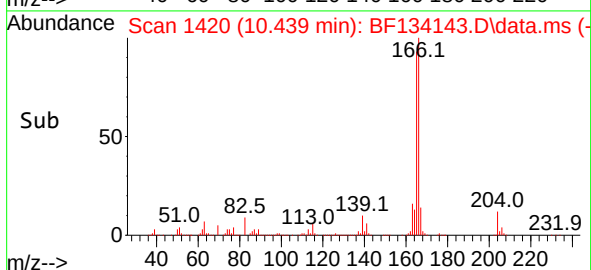
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

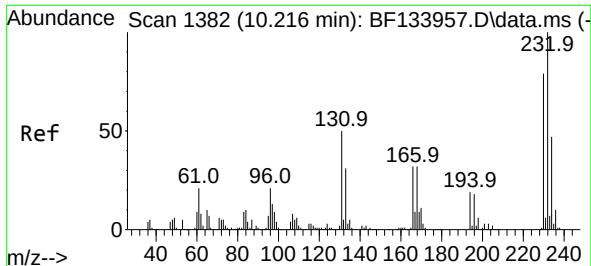


#58
Fluorene
Concen: 39.400 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



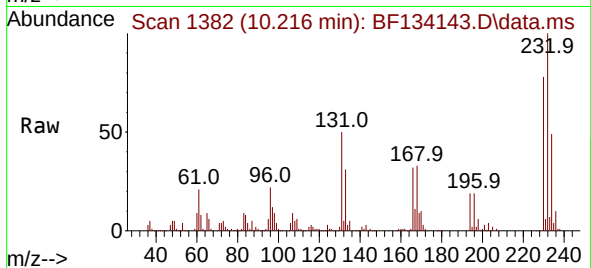
Tgt Ion:166 Resp: 589995
Ion Ratio Lower Upper
166 100
165 93.1 75.0 112.4
167 13.7 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 39.687 ng
RT: 10.216 min Scan# 1382
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

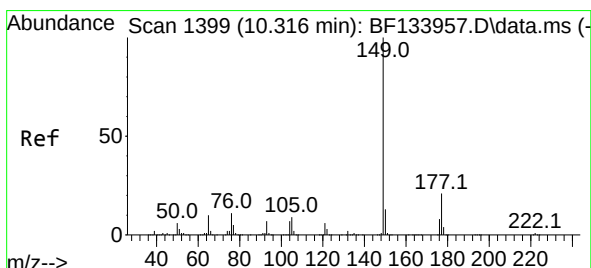
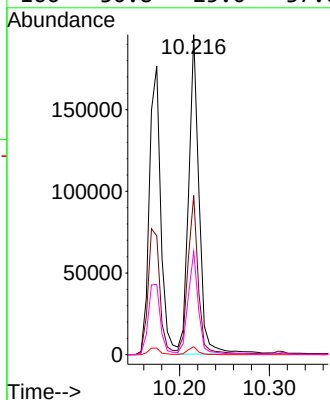
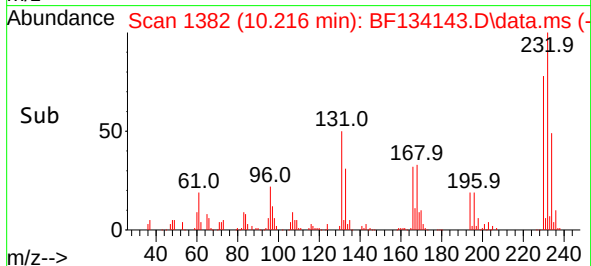
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



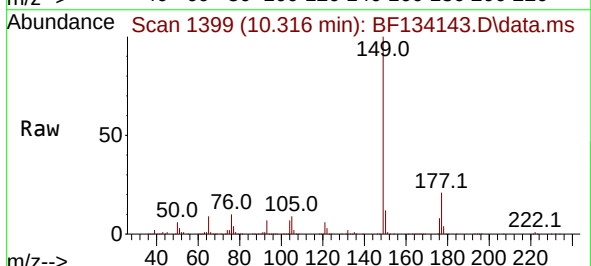
Tgt Ion:232 Resp: 15722
Ion Ratio Lower Upper
232 100
131 49.1 39.3 58.9
130 2.5 1.8 2.6
166 30.8 25.0 37.6

Manual Integrations
APPROVED

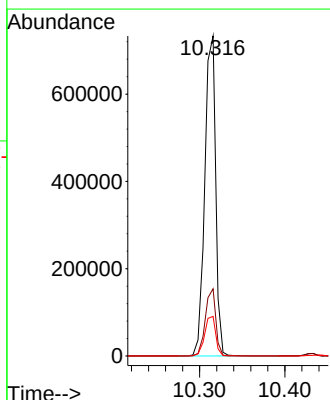
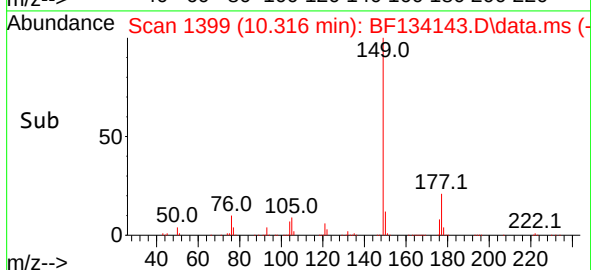
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

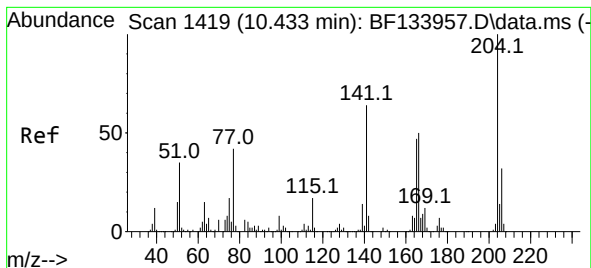


#60
Diethylphthalate
Concen: 40.665 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



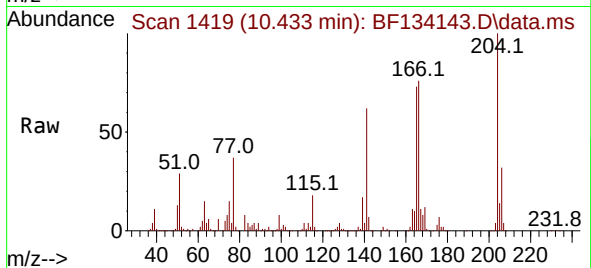
Tgt Ion:149 Resp: 651063
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.4 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 40.954 ng
RT: 10.433 min Scan# 1419
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

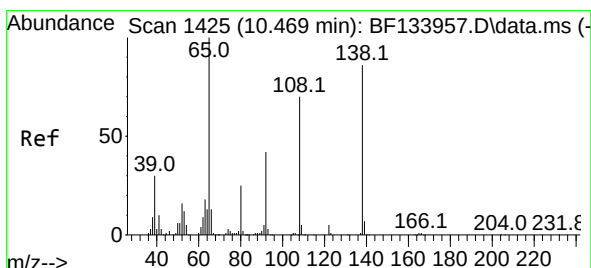
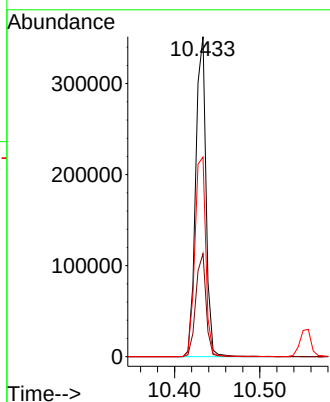
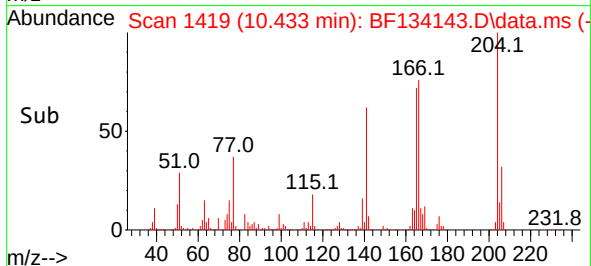
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



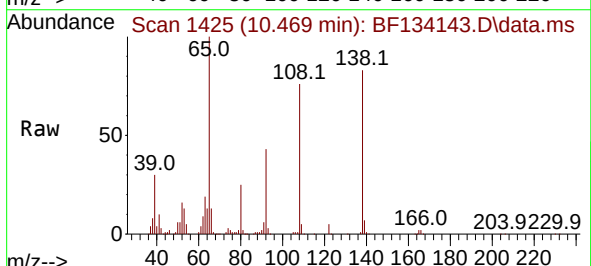
Tgt Ion:204 Resp: 295544
Ion Ratio Lower Upper
204 100
206 32.2 25.8 38.6
141 62.4 51.5 77.3

Manual Integrations
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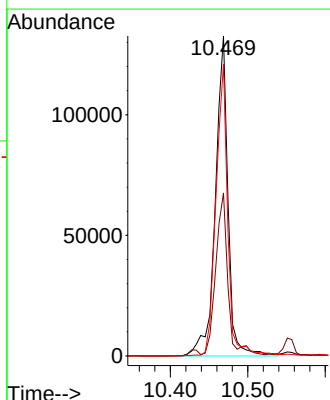
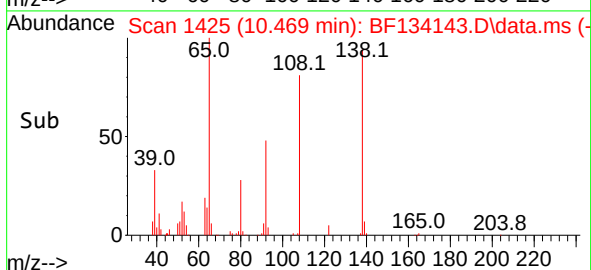
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023

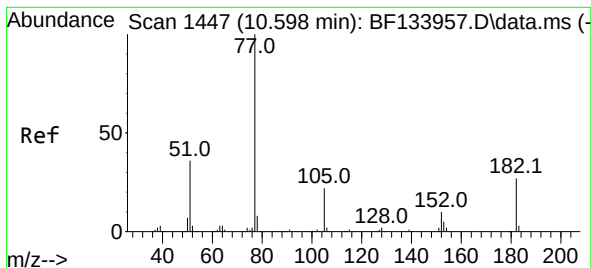


#62
4-Nitroaniline
Concen: 37.776 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:138 Resp: 151168
Ion Ratio Lower Upper
138 100
92 51.0 29.7 69.7
108 91.1 62.1 102.1





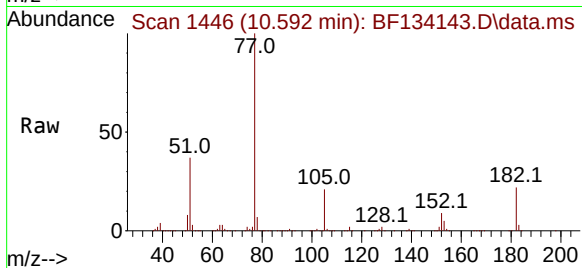
#63
Azobenzene
Concen: 40.015 ng
RT: 10.592 min Scan# 1446
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



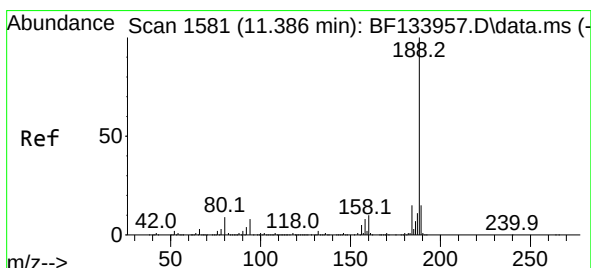
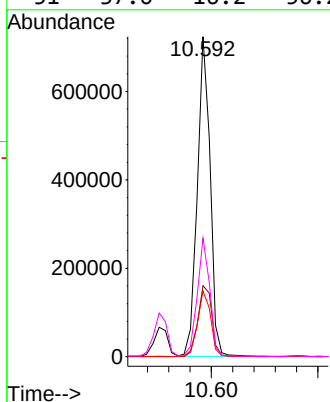
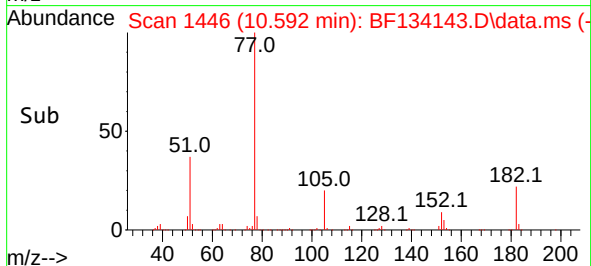
Tgt Ion: 77 Resp: 606000
Ion Ratio Lower Upper
77 100
182 22.2 6.8 46.8
105 20.5 2.3 42.3
51 37.0 16.2 56.2

Manual Integrations

APPROVED

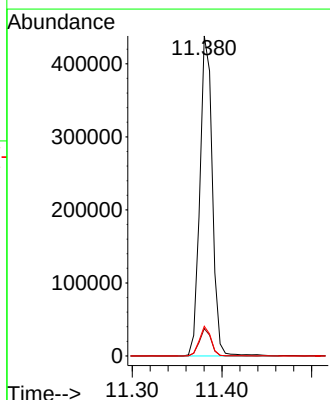
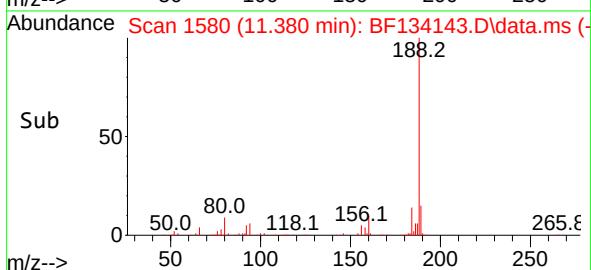
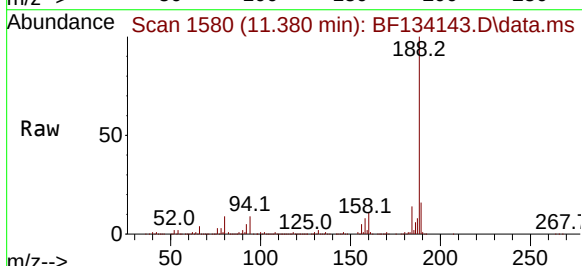
Reviewed By :Yogesh Patel 07/09/2023

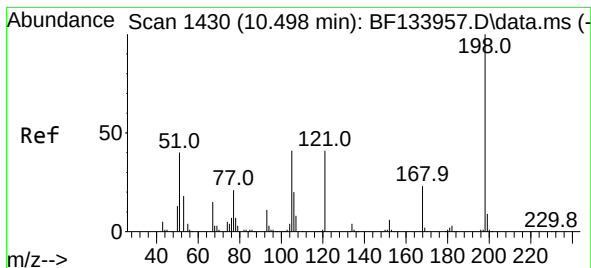
Supervised By :mohammad ahmed 07/09/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:188 Resp: 422241
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.3 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 43.900 ng
RT: 10.498 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

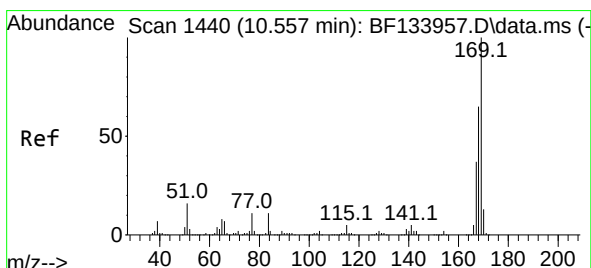
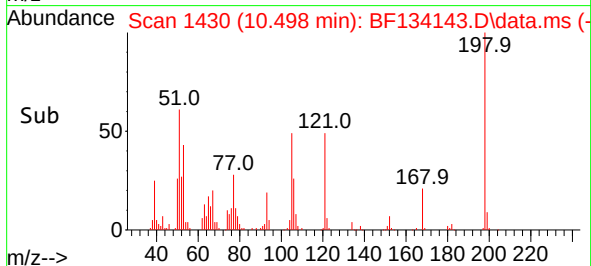
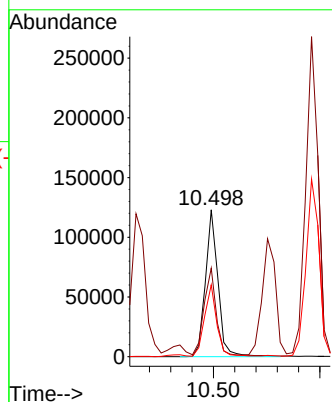
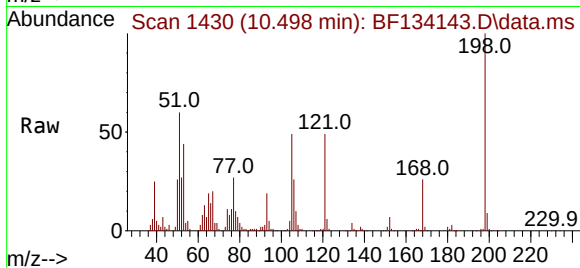
SSTDCCC040

Tgt Ion:198 Resp: 101060
Ion Ratio Lower Upper
198 100
51 60.2 29.3 69.3
105 48.9 22.4 62.4

Manual Integrations

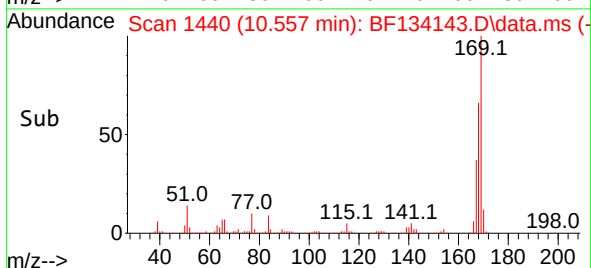
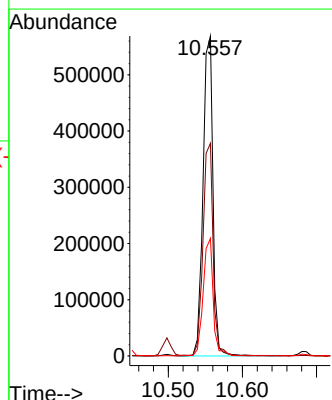
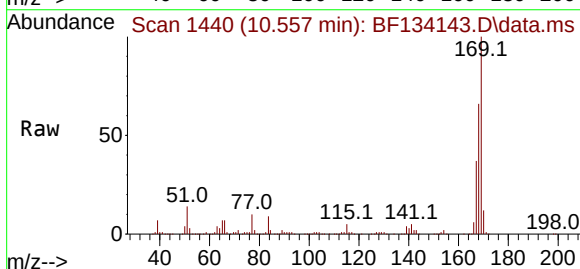
APPROVED

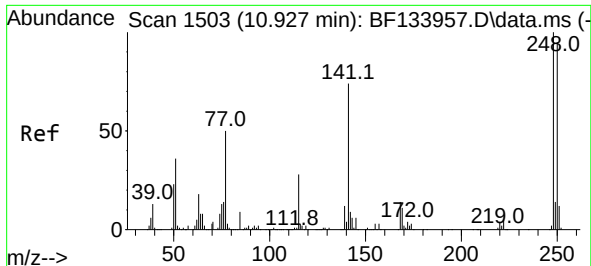
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#66
n-Nitrosodiphenylamine
Concen: 39.164 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:169 Resp: 528355
Ion Ratio Lower Upper
169 100
168 66.5 52.3 78.5
167 36.8 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 40.808 ng
RT: 10.921 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

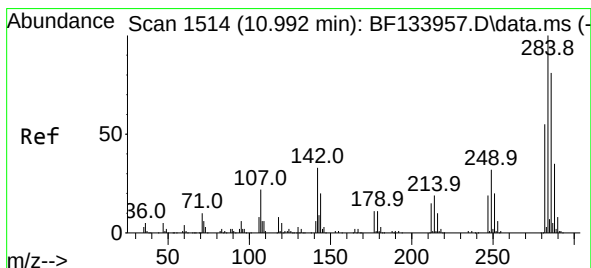
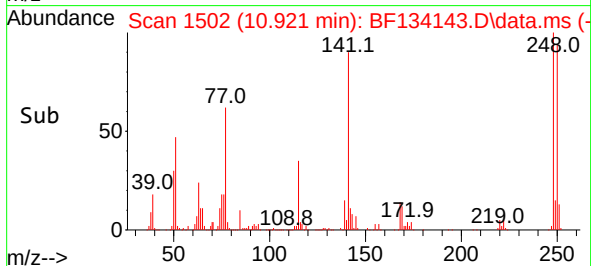
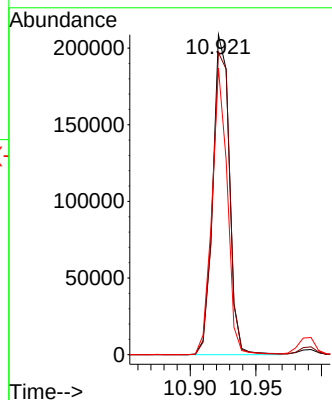
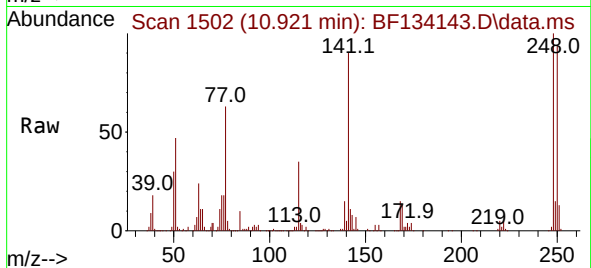
SSTDCCC040

Tgt Ion:248 Resp: 18314
Ion Ratio Lower Upper
248 100
250 94.4 76.2 114.4
141 89.5 59.0 88.4

Manual Integrations

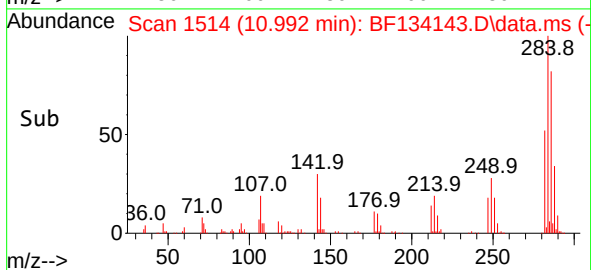
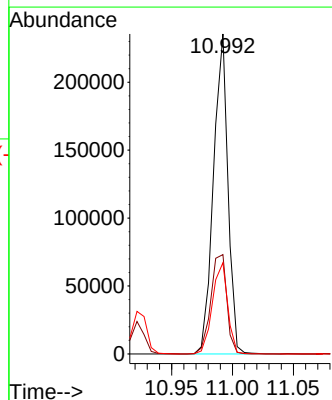
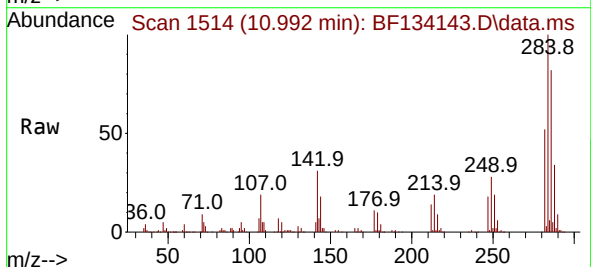
APPROVED

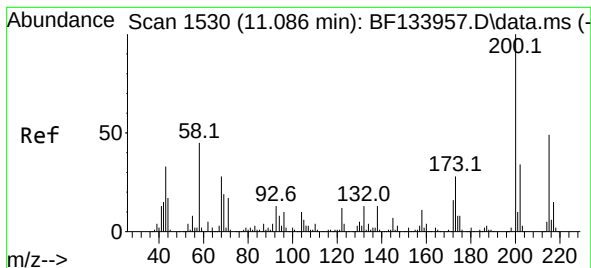
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#68
Hexachlorobenzene
Concen: 40.718 ng
RT: 10.992 min Scan# 1514
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:284 Resp: 194028
Ion Ratio Lower Upper
284 100
142 31.0 26.6 40.0
249 28.5 25.5 38.3





#69

Atrazine

Concen: 42.407 ng

RT: 11.086 min Scan# 1530

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:200 Resp: 158249

Ion Ratio Lower Upper

200 100

173 27.0 8.0 48.0

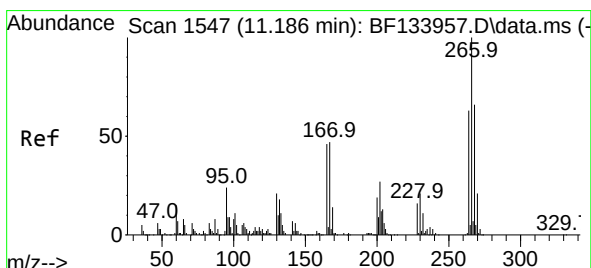
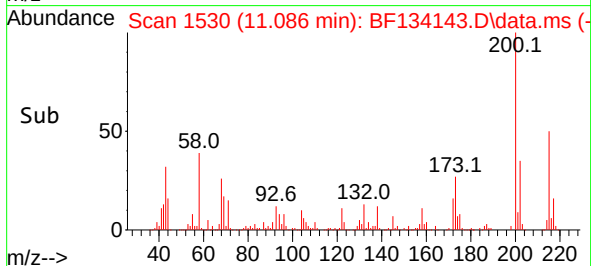
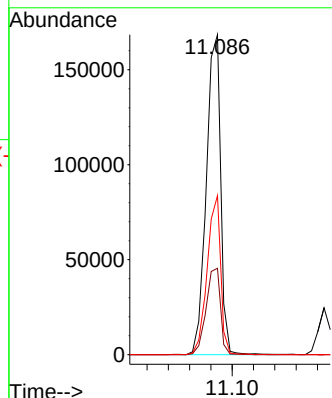
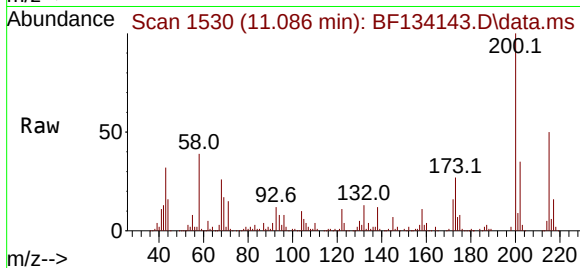
215 49.7 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#70

Pentachlorophenol

Concen: 38.958 ng

RT: 11.186 min Scan# 1547

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

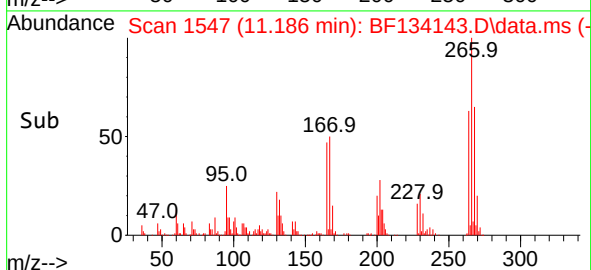
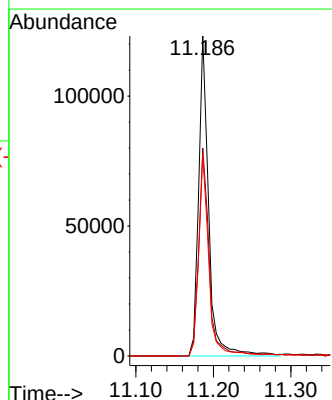
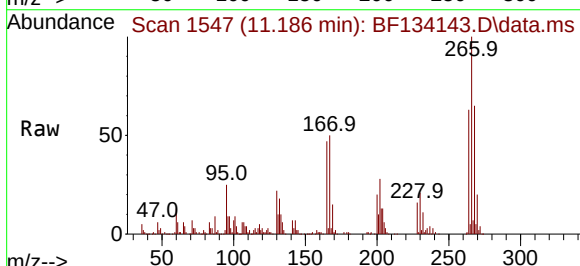
Tgt Ion:266 Resp: 110997

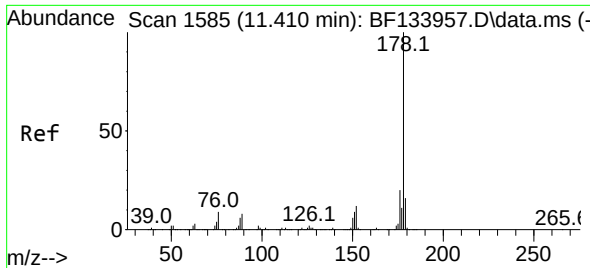
Ion Ratio Lower Upper

266 100

268 64.9 52.6 79.0

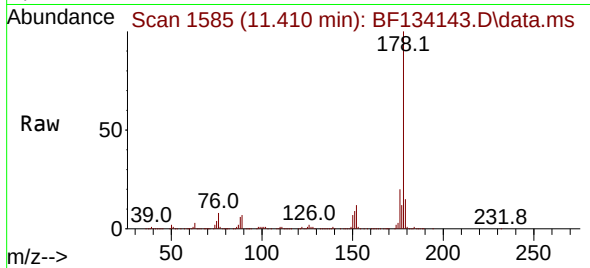
264 63.0 50.6 76.0





#71
Phenanthrene
Concen: 38.870 ng
RT: 11.410 min Scan# 1585
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

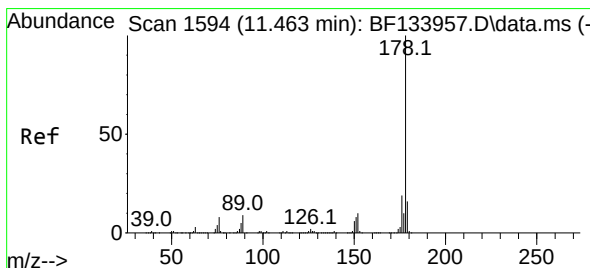
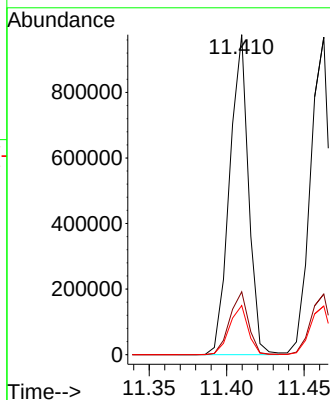
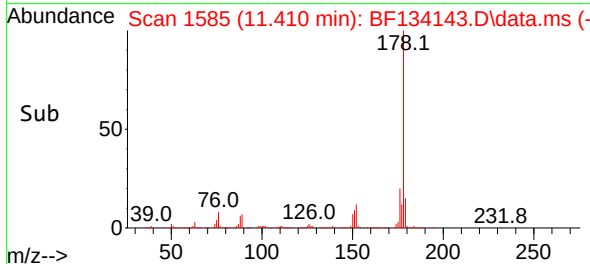
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:178 Resp: 826238
Ion Ratio Lower Upper
178 100
176 19.7 16.0 24.0
179 15.4 12.4 18.6

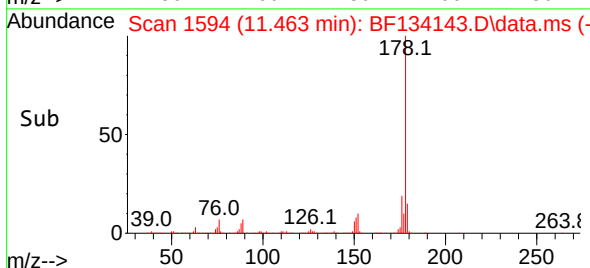
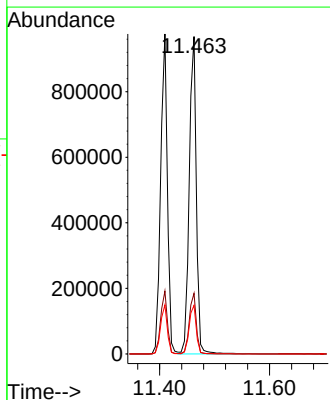
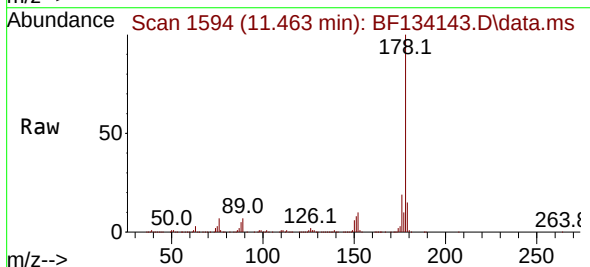
Manual Integrations
APPROVED

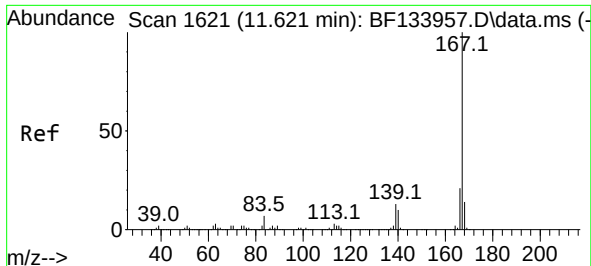
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#72
Anthracene
Concen: 39.038 ng
RT: 11.463 min Scan# 1594
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:178 Resp: 863094
Ion Ratio Lower Upper
178 100
176 19.1 15.3 22.9
179 15.3 12.4 18.6





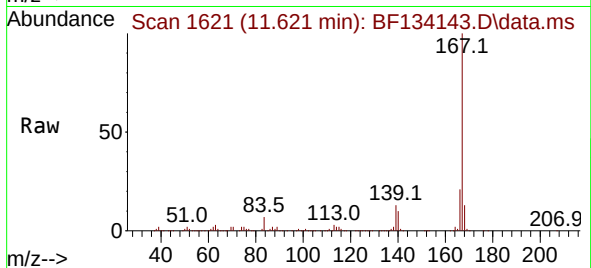
#73
 Carbazole
 Concen: 38.463 ng
 RT: 11.621 min Scan# 1621
 Delta R.T. -0.000 min
 Lab File: BF134143.D
 Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

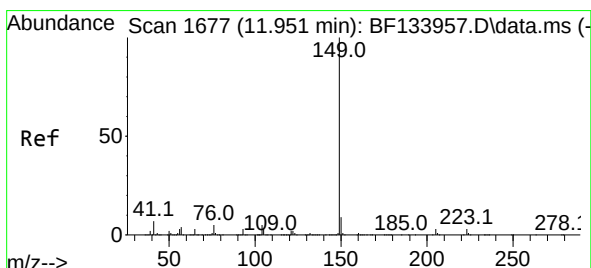
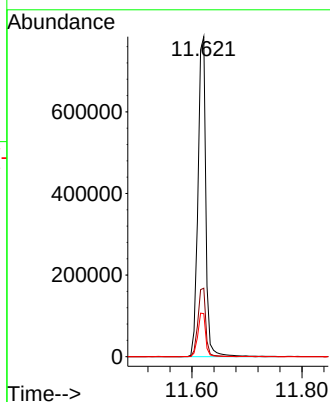
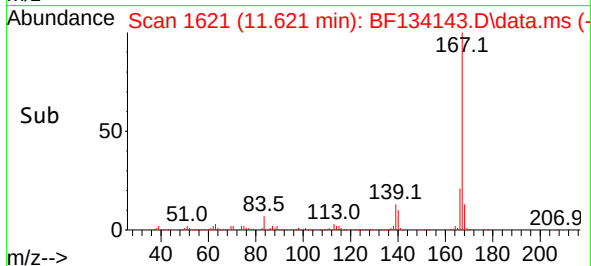


Tgt Ion:167 Resp: 778364
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.6
 139 13.4 10.4 15.6

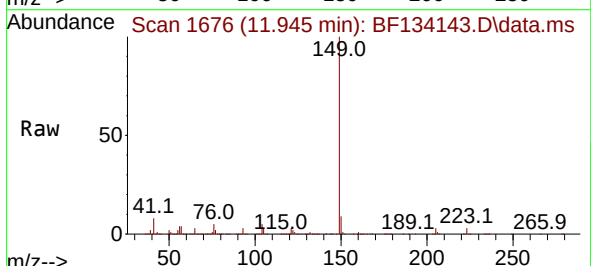
Manual Integrations

APPROVED

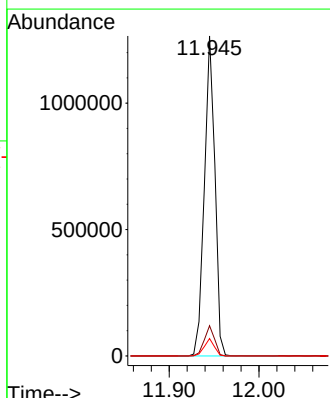
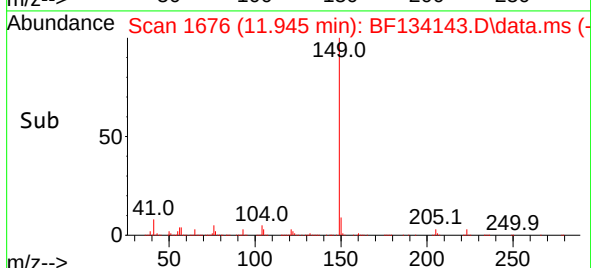
Reviewed By :Yogesh Patel 07/09/2023
 Supervised By :mohammad ahmed 07/09/2023

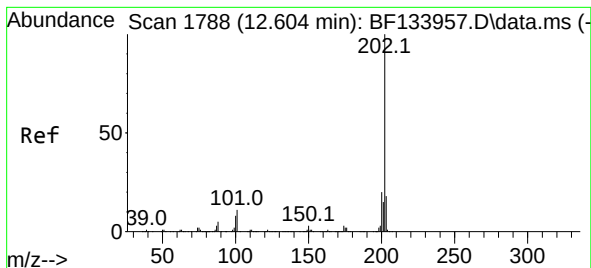


#74
 Di-n-butylphthalate
 Concen: 42.809 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134143.D
 Acq: 08 Jul 2023 12:03



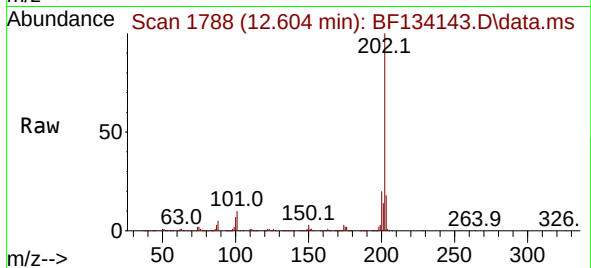
Tgt Ion:149 Resp: 1030207
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.4 4.0 6.0





#75
Fluoranthene
Concen: 39.747 ng
RT: 12.604 min Scan# 1788
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

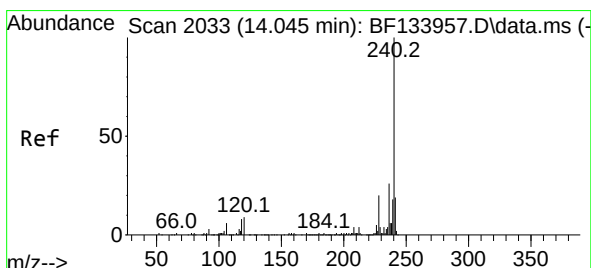
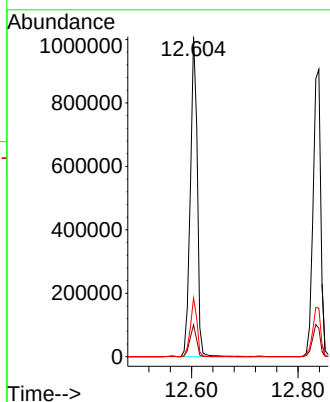
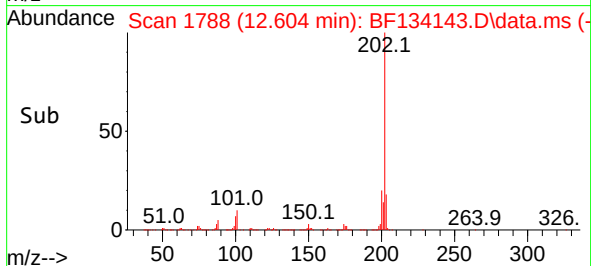
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:202 Resp: 913398
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.0
203 18.3 0.0 37.6

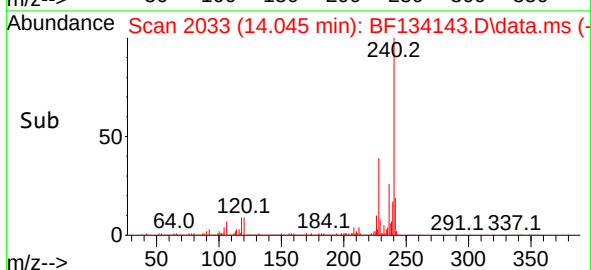
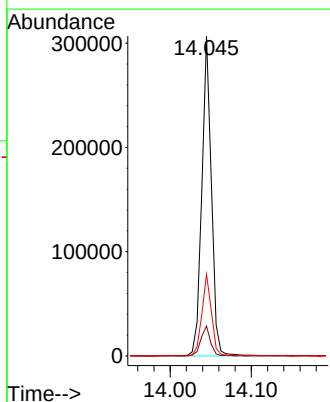
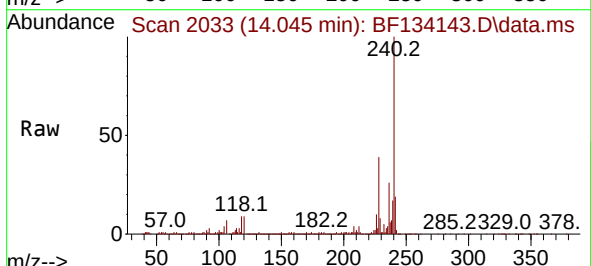
Manual Integrations
APPROVED

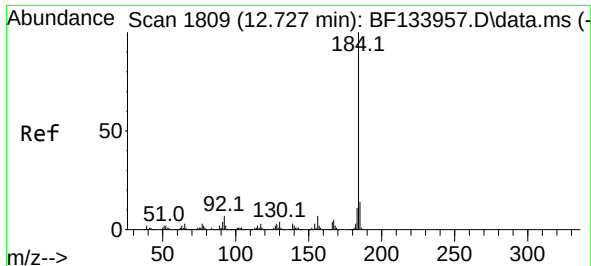
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

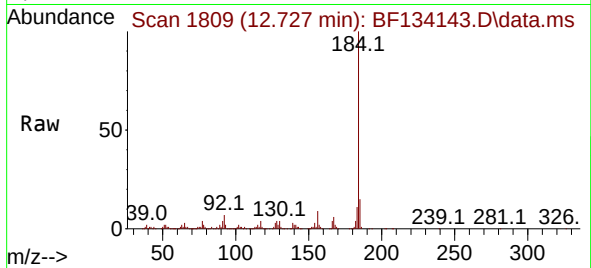
Tgt Ion:240 Resp: 251071
Ion Ratio Lower Upper
240 100
120 9.3 7.4 11.0
236 25.6 21.0 31.6





#77
Benzidine
Concen: 46.375 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

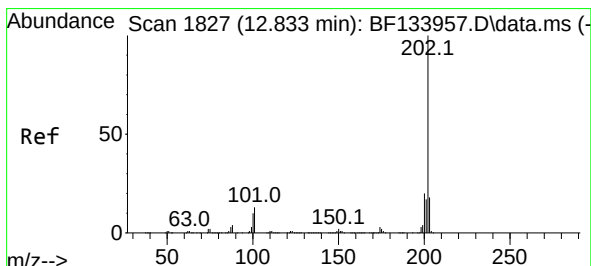
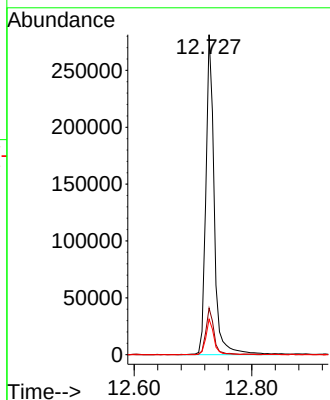
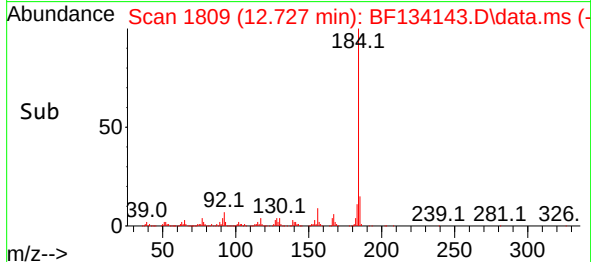
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



Tgt Ion:184 Resp: 277040
Ion Ratio Lower Upper
184 100
185 14.5 11.6 17.4
183 11.1 8.8 13.2

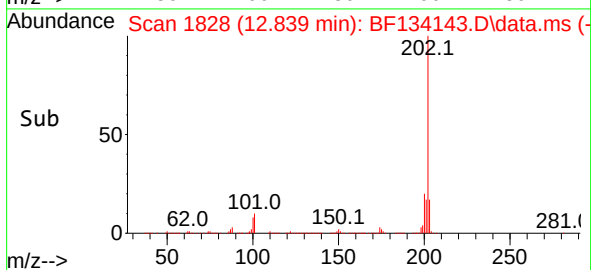
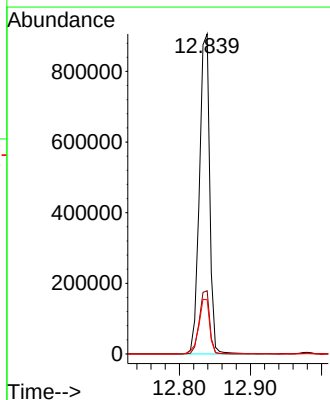
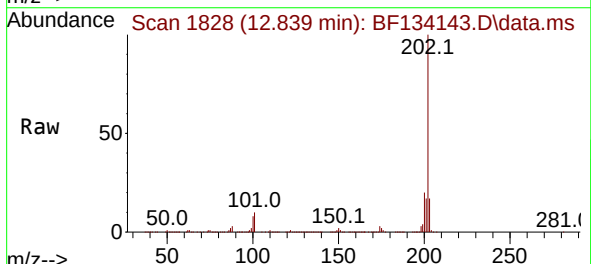
Manual Integrations
APPROVED

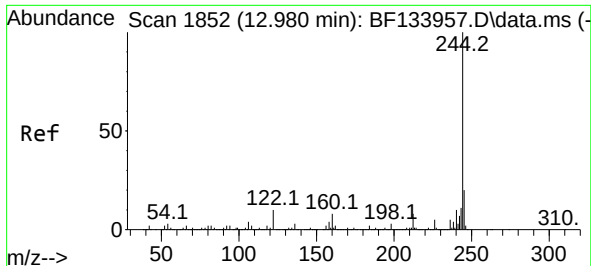
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#78
Pyrene
Concen: 38.990 ng
RT: 12.839 min Scan# 1828
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:202 Resp: 911027
Ion Ratio Lower Upper
202 100
200 19.7 16.1 24.1
203 16.9 14.3 21.5





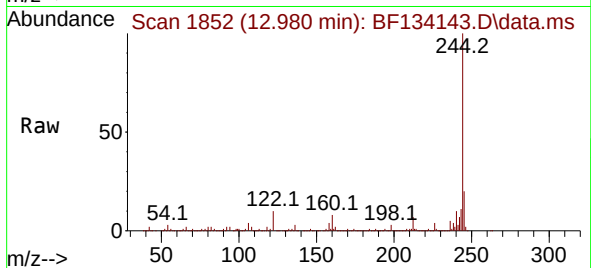
#79
 Terphenyl-d14
 Concen: 83.064 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF134143.D
 Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



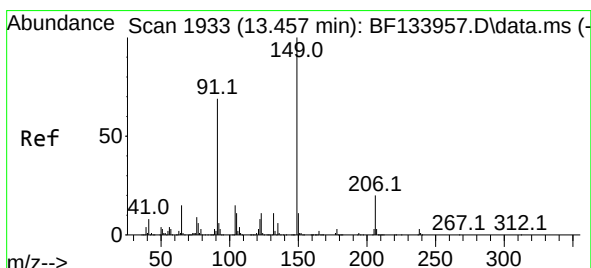
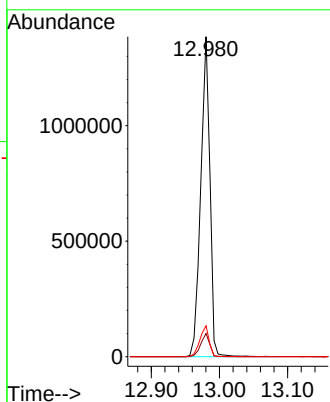
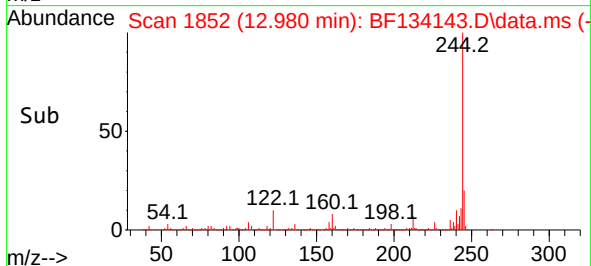
Tgt Ion:244 Resp: 129580
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.0 9.0
 122 9.6 8.3 12.5

Manual Integrations

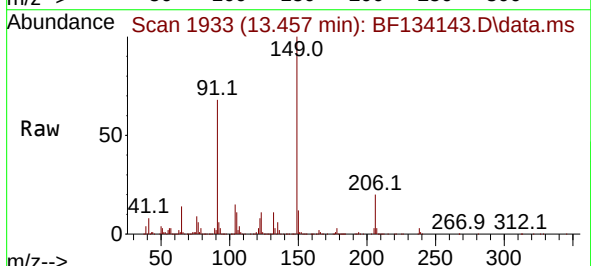
APPROVED

Reviewed By :Yogesh Patel 07/09/2023

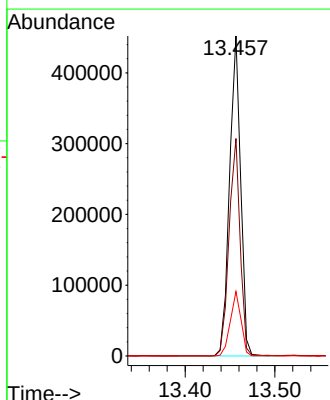
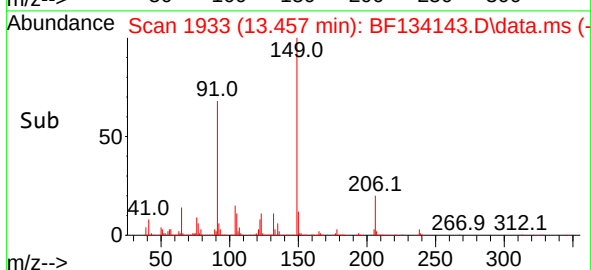
Supervised By :mohammad ahmed 07/09/2023

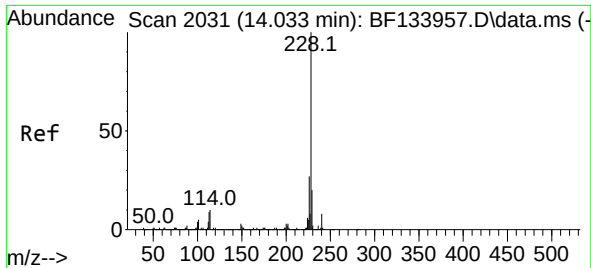


#80
 Butylbenzylphthalate
 Concen: 44.348 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. -0.000 min
 Lab File: BF134143.D
 Acq: 08 Jul 2023 12:03



Tgt Ion:149 Resp: 388627
 Ion Ratio Lower Upper
 149 100
 91 68.0 55.1 82.7
 206 20.2 15.7 23.5





#81
Benzo(a)anthracene
Concen: 38.371 ng
RT: 14.033 min Scan# 2031
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

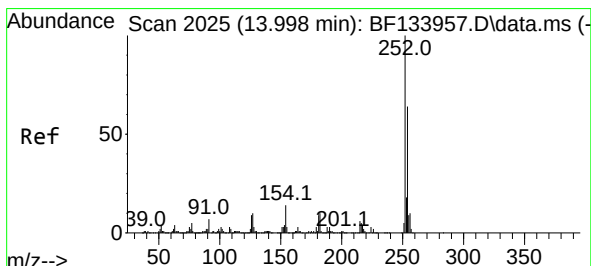
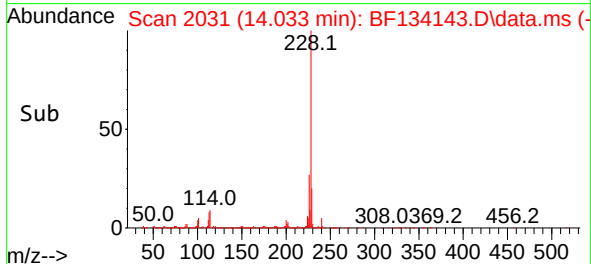
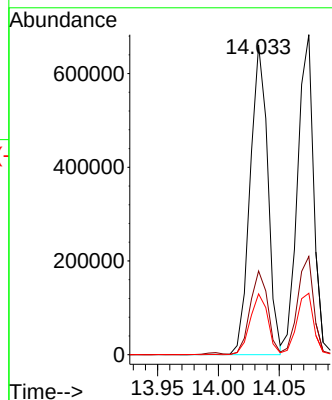
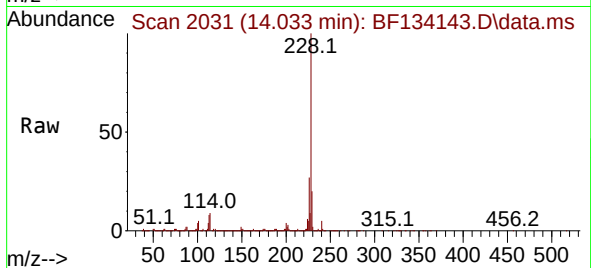
ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 66813
Ion Ratio Lower Upper
228 100
226 27.0 22.0 33.0
229 19.6 16.3 24.5

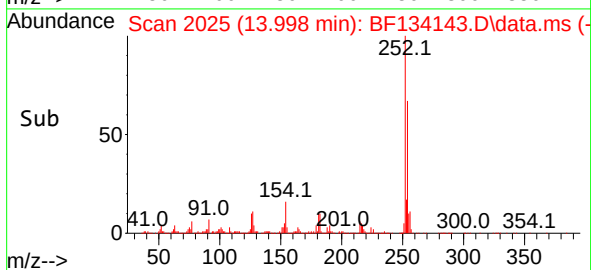
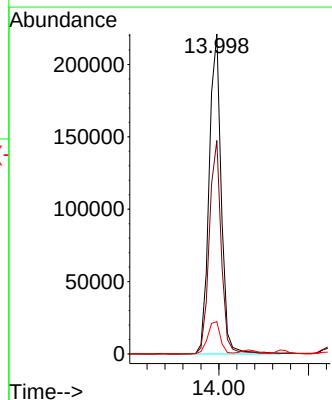
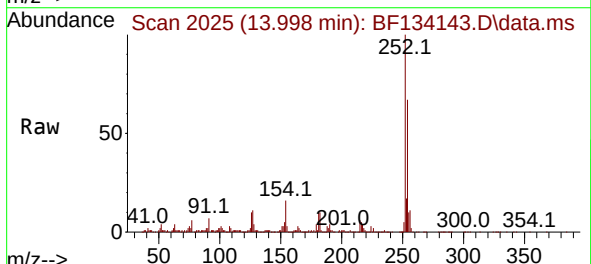
Manual Integrations
APPROVED

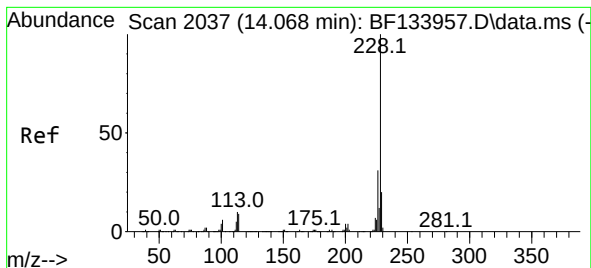
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#82
3,3'-Dichlorobenzidine
Concen: 37.513 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.000 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:252 Resp: 206941
Ion Ratio Lower Upper
252 100
254 66.7 51.4 77.0
126 10.1 7.4 11.2





#83

Chrysene

Concen: 37.530 ng

RT: 14.074 min Scan# 2037

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:228 Resp: 63294

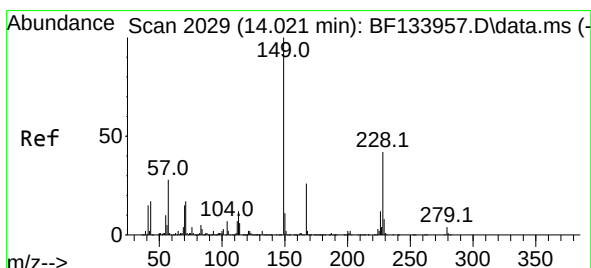
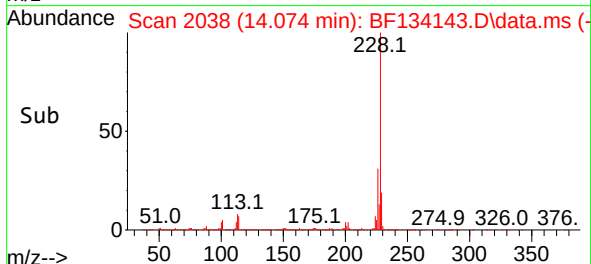
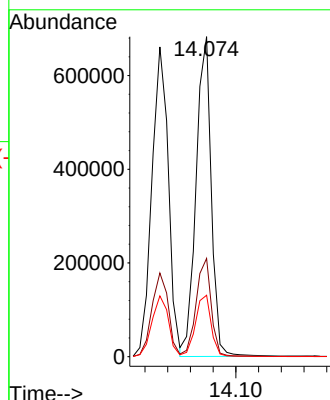
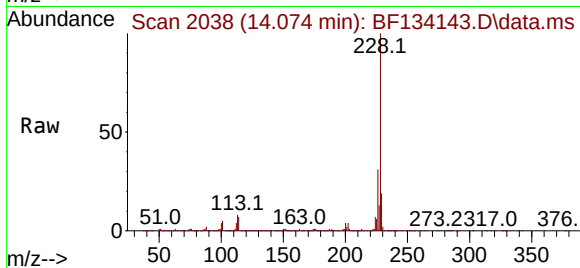
Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.4	36.6
229	19.2	16.1	24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.852 ng

RT: 14.015 min Scan# 2028

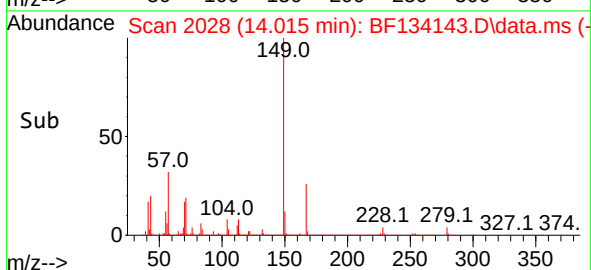
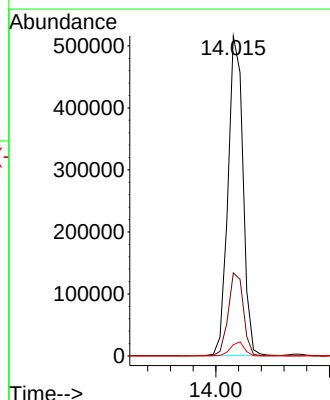
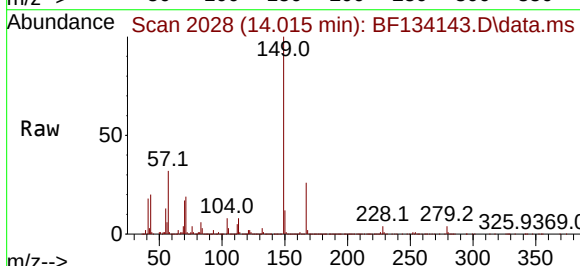
Delta R.T. -0.006 min

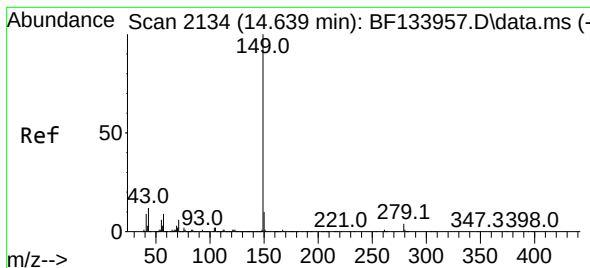
Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion:149 Resp: 471777

Ion	Ratio	Lower	Upper
149	100		
167	26.0	21.0	31.4
279	3.5	3.3	4.9





#85

Di-n-octyl phthalate

Concen: 44.023 ng

RT: 14.639 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

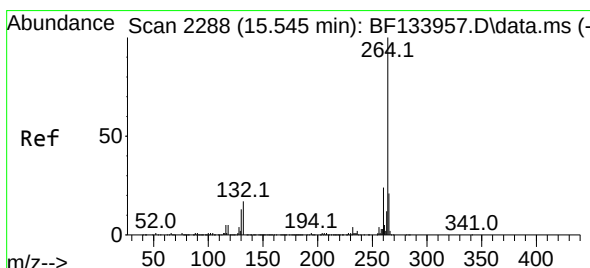
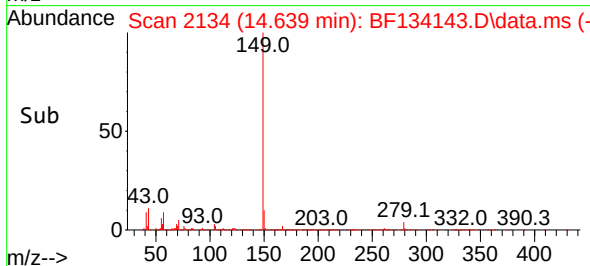
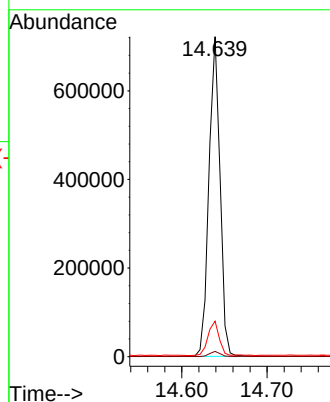
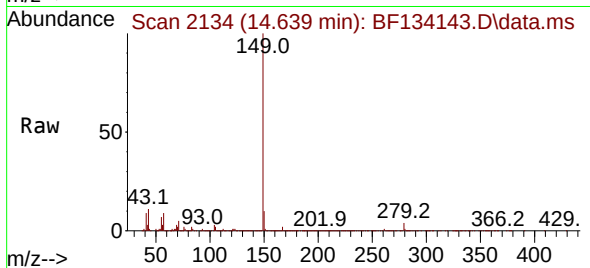
Tgt Ion:149 Resp: 651352
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 10.8 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#86

Perylene-d12

Concen: 20.000 ng

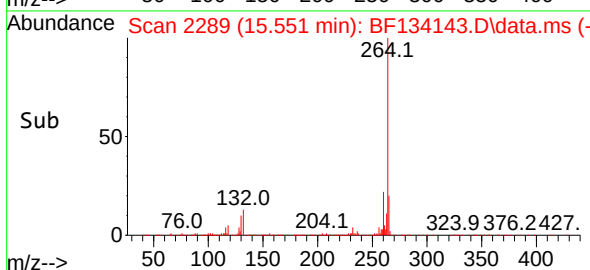
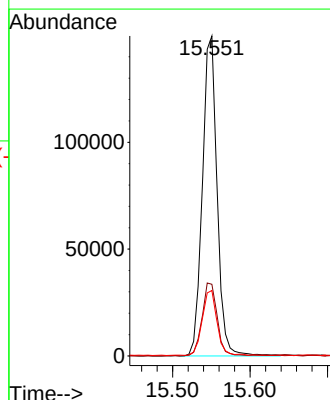
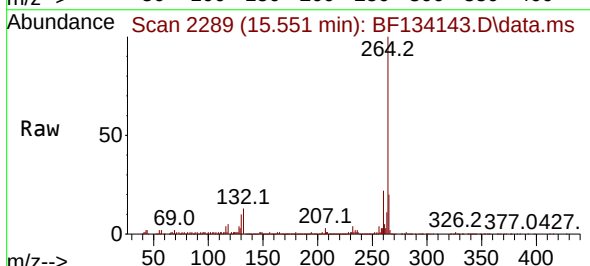
RT: 15.551 min Scan# 2289

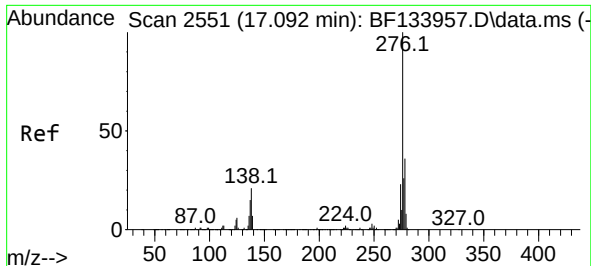
Delta R.T. -0.000 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Tgt Ion:264 Resp: 197548
 Ion Ratio Lower Upper
 264 100
 260 22.4 19.5 29.3
 265 20.5 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.623 ng
RT: 17.103 min Scan# 2553
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

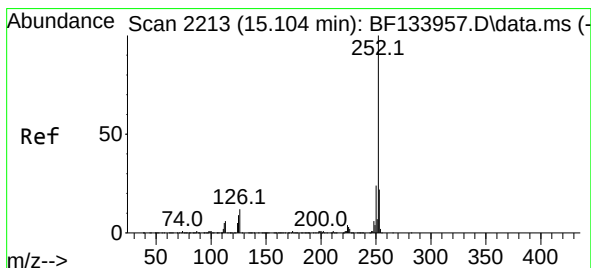
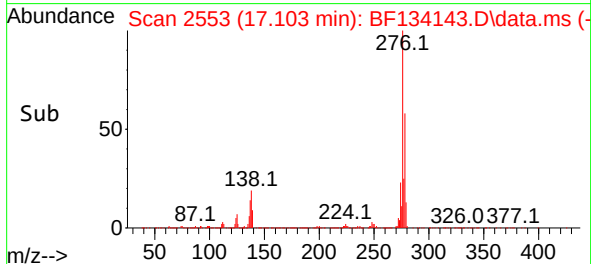
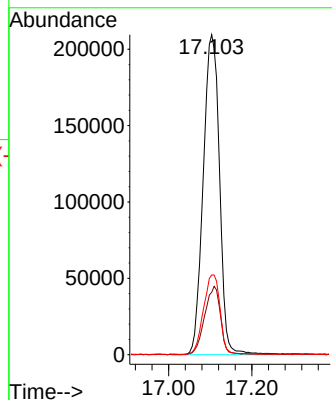
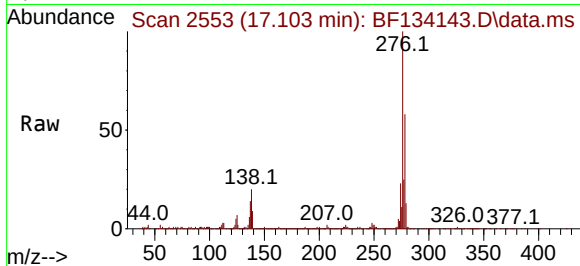
ClientSampleId :

SSTDCCC040

Tgt Ion:276 Resp: 57056
Ion Ratio Lower Upper
276 100
138 20.6 18.7 28.1
277 25.4 19.9 29.9

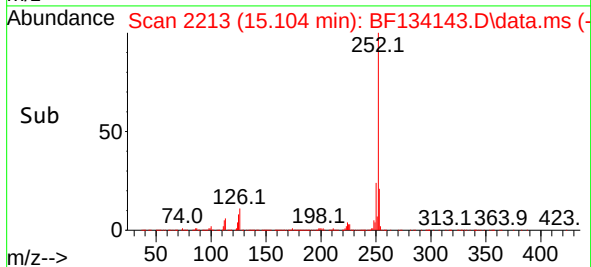
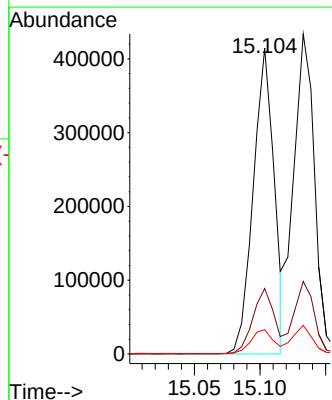
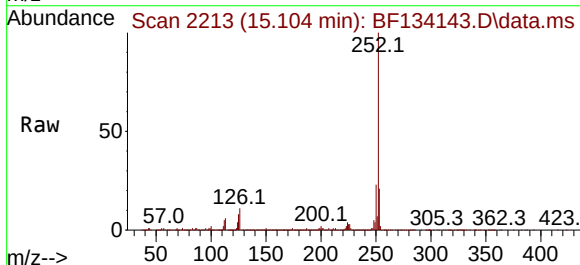
Manual Integrations
APPROVED

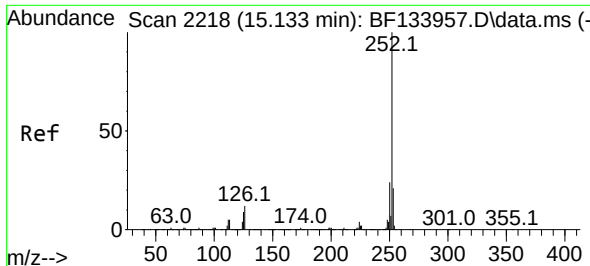
Reviewed By :Yogesh Patel 07/09/2023
Supervised By :mohammad ahmed 07/09/2023



#88
Benzo(b)fluoranthene
Concen: 39.573 ng
RT: 15.104 min Scan# 2213
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Tgt Ion:252 Resp: 459683
Ion Ratio Lower Upper
252 100
253 21.4 17.4 26.0
125 8.0 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 41.099 ng

RT: 15.133 min Scan# 2218

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:252 Resp: 486069

Ion Ratio Lower Upper

252 100

253 22.6 16.9 25.3

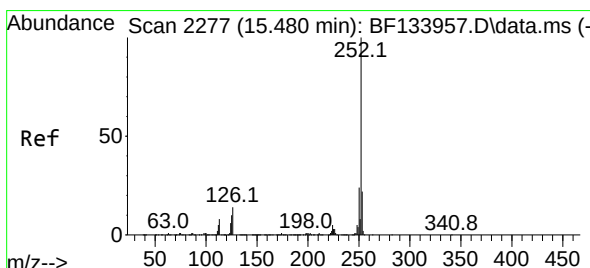
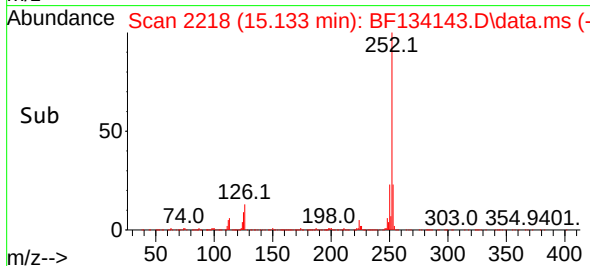
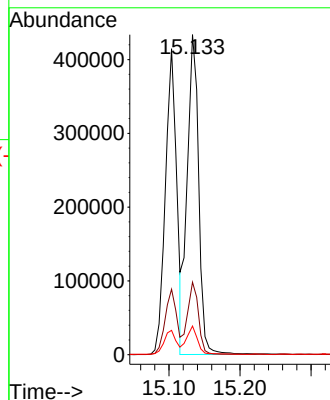
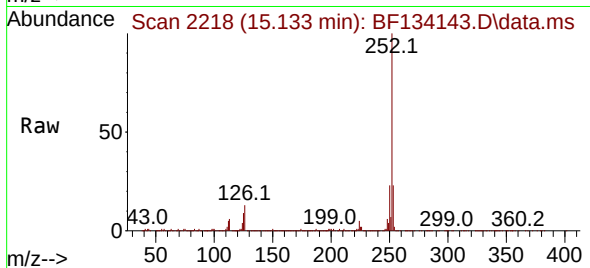
125 9.0 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#90

Benzo(a)pyrene

Concen: 38.824 ng

RT: 15.486 min Scan# 2278

Delta R.T. -0.006 min

Lab File: BF134143.D

Acq: 08 Jul 2023 12:03

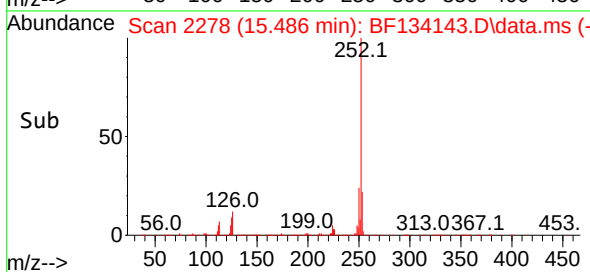
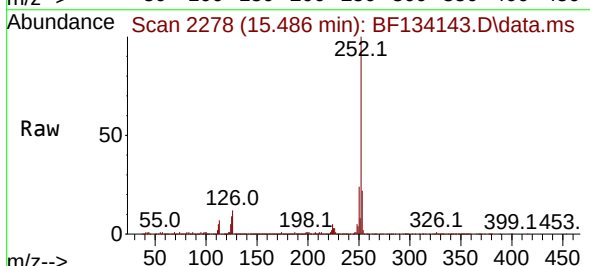
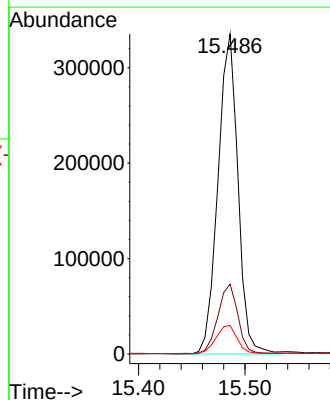
Tgt Ion:252 Resp: 436086

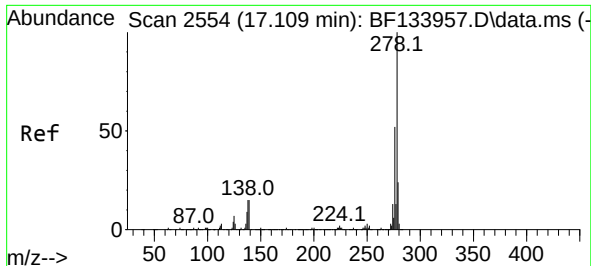
Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 8.9 8.4 12.6





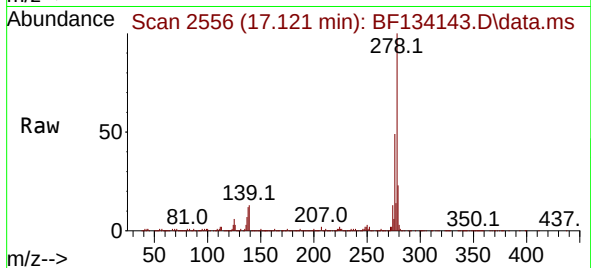
#91
Dibenzo(a,h)anthracene
Concen: 42.502 ng
RT: 17.121 min Scan# 2554
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



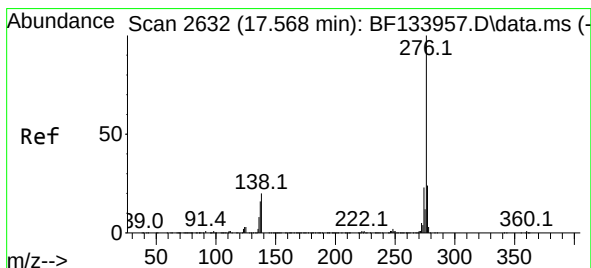
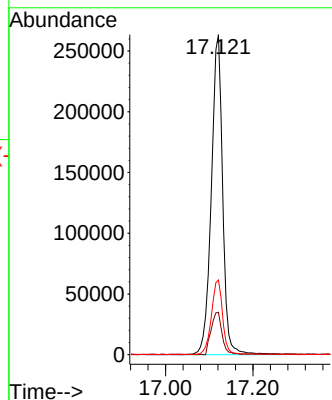
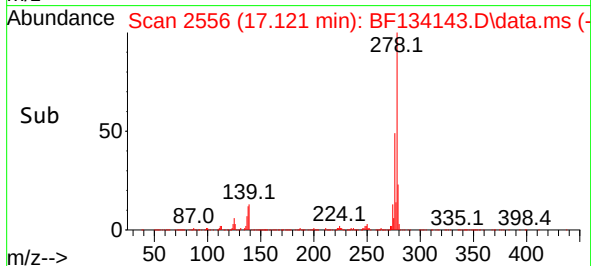
Tgt Ion:278 Resp: 475874
Ion Ratio Lower Upper
278 100
139 13.2 12.2 18.4
279 23.3 19.4 29.2

Manual Integrations

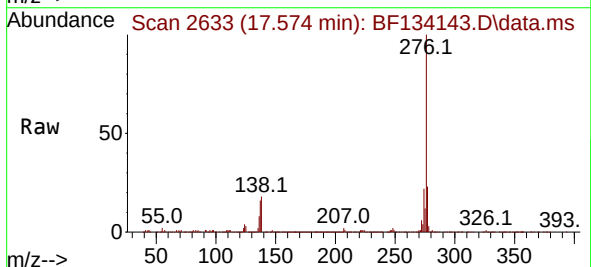
APPROVED

Reviewed By :Yogesh Patel 07/09/2023

Supervised By :mohammad ahmed 07/09/2023



#92
Benzo(g,h,i)perylene
Concen: 41.704 ng
RT: 17.574 min Scan# 2633
Delta R.T. -0.006 min
Lab File: BF134143.D
Acq: 08 Jul 2023 12:03



Tgt Ion:276 Resp: 481527
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 18.1 16.2 24.2

