

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134034.D
 Acq On : 29 Jun 2023 13:38
 Operator : CG\JU
 Sample : 03365-24MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

Quant Time: Jun 30 07:03:53 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 26 23:12:04 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	111444	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	433441	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	222883	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	436017	20.000	ng	0.00
76) Chrysene-d12	14.045	240	222604	20.000	ng	0.00
86) Perylene-d12	15.545	264	222735	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	627433	94.177	ng	0.01
7) Phenol-d6	6.493	99	781796	95.419	ng	0.00
23) Nitrobenzene-d5	7.410	82	520531	64.736	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	273038	97.705	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	983368	64.146	ng	0.00
79) Terphenyl-d14	12.980	244	1099352	79.483	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.710	88	108512	39.501	ng	100
3) Pyridine	3.487	79	265534	37.110	ng	96
4) n-Nitrosodimethylamine	3.446	42	191149	46.774	ng	92
6) Aniline	6.516	93	349094	35.014	ng	98
8) 2-Chlorophenol	6.634	128	324548	47.989	ng	99
9) Benzaldehyde	6.404	77	255677	69.783	ng	99
10) Phenol	6.504	94	390533	45.334	ng	88
11) bis(2-Chloroethyl)ether	6.587	93	292630	46.140	ng	97
12) 1,3-Dichlorobenzene	6.787	146	347222	48.157	ng	98
13) 1,4-Dichlorobenzene	6.863	146	347833	47.762	ng	99
14) 1,2-Dichlorobenzene	7.016	146	333754	48.934	ng	99
15) Benzyl Alcohol	6.992	79	305382	48.349	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.122	45	514433	45.849	ng	98
17) 2-Methylphenol	7.104	107	266857	44.064	ng	97
18) Hexachloroethane	7.357	117	135188	50.064	ng	97
19) n-Nitroso-di-n-propyla...	7.263	70	236900	45.594	ng	95
20) 3+4-Methylphenols	7.257	107	323014	43.965	ng	93
22) Acetophenone	7.257	105	457303	46.391	ng	97
24) Nitrobenzene	7.434	77	365211	44.947	ng	96
25) Isophorone	7.669	82	650035	44.482	ng	98
26) 2-Nitrophenol	7.745	139	183271	47.018	ng	93
27) 2,4-Dimethylphenol	7.787	122	280800	45.510	ng	97
28) bis(2-Chloroethoxy)met...	7.881	93	378450	44.725	ng	99
29) 2,4-Dichlorophenol	7.987	162	281345	45.984	ng	97
30) 1,2,4-Trichlorobenzene	8.069	180	293474	46.486	ng	99
31) Naphthalene	8.151	128	923747	44.121	ng	98
32) Benzoic acid	7.916	122	197482	42.713	ng	100
33) 4-Chloroaniline	8.198	127	112715	12.586	ng	98
34) Hexachlorobutadiene	8.263	225	188842	47.420	ng	98
35) Caprolactam	8.587	113	90832m	45.088	ng	
36) 4-Chloro-3-methylphenol	8.687	107	323414	47.053	ng	96
37) 2-Methylnaphthalene	8.845	142	626992	42.349	ng	100
38) 1-Methylnaphthalene	8.945	142	587137	42.658	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	299255	45.319	ng	98
41) Hexachlorocyclopentadiene	8.992	237	340240	108.609	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	203462	45.263	ng	99

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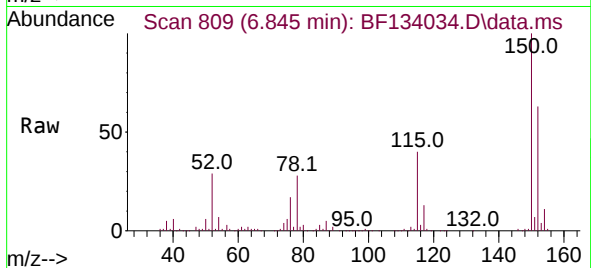
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	221520	41.895	ng	99
46) 1,1'-Biphenyl	9.310	154	801608	44.835	ng	98
47) 2-Chloronaphthalene	9.334	162	594601	45.454	ng	98
48) 2-Nitroaniline	9.434	65	210168	44.084	ng	96
49) Acenaphthylene	9.751	152	985147	44.086	ng	99
50) Dimethylphthalate	9.616	163	722359	44.648	ng	99
51) 2,6-Dinitrotoluene	9.681	165	160155	45.959	ng	97
52) Acenaphthene	9.922	154	571936	44.109	ng	99
53) 3-Nitroaniline	9.845	138	100266	23.984	ng	98
54) 2,4-Dinitrophenol	9.957	184	113473	57.526	ng	94
55) Dibenzofuran	10.098	168	871785	43.020	ng	98
56) 4-Nitrophenol	10.016	139	250800	85.767	ng	91
57) 2,4-Dinitrotoluene	10.086	165	205223	44.594	ng	89
58) Fluorene	10.439	166	692168	43.904	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	188328	45.154	ng	99
60) Diethylphthalate	10.316	149	759337	45.048	ng	99
61) 4-Chlorophenyl-phenyle...	10.433	204	330707	43.527	ng	99
62) 4-Nitroaniline	10.469	138	167632	39.788	ng	96
63) Azobenzene	10.592	77	767437	48.132	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	94342	39.687	ng	98
66) n-Nitrosodiphenylamine	10.557	169	628475	45.114	ng	99
67) 4-Bromophenyl-phenylether	10.922	248	209606	45.229	ng	# 90
68) Hexachlorobenzene	10.992	284	235732	47.907	ng	97
69) Atrazine	11.086	200	203172	52.726	ng	98
70) Pentachlorophenol	11.186	266	223900	76.102	ng	99
71) Phenanthrene	11.410	178	979204	44.611	ng	100
72) Anthracene	11.463	178	1006246	44.075	ng	100
73) Carbazole	11.616	167	915817	43.826	ng	99
74) Di-n-butylphthalate	11.945	149	1146442	46.134	ng	98
75) Fluoranthene	12.604	202	1006639	42.421	ng	99
77) Benzidine	12.727	184	381855	72.093	ng	98
78) Pyrene	12.833	202	1001454	48.341	ng	99
80) Butylbenzylphthalate	13.457	149	386506	49.746	ng	98
81) Benzo(a)anthracene	14.033	228	692934	44.885	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	101051	20.660	ng	# 97
83) Chrysene	14.069	228	649508	43.437	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	456660	51.151	ng	99
85) Di-n-octyl phthalate	14.639	149	716935	54.652	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	743494	48.105	ng	97
88) Benzo(b)fluoranthene	15.104	252	604746	46.174	ng	99
89) Benzo(k)fluoranthene	15.133	252	604732	45.350	ng	98
90) Benzo(a)pyrene	15.480	252	534940	42.239	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	608621	48.212	ng	98
92) Benzo(g,h,i)perylene	17.574	276	612819	47.074	ng	98

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.845 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

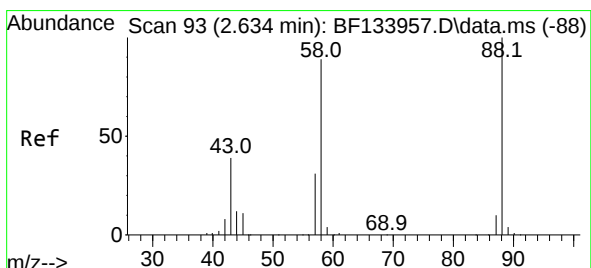
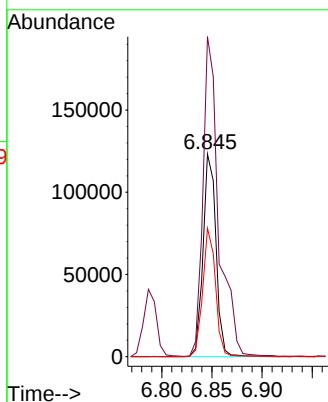
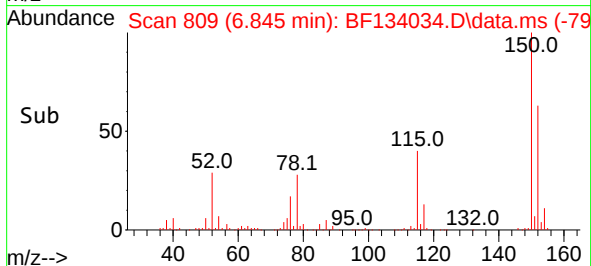
Instrument :
BNA_F
ClientSampleId :
TP1MS



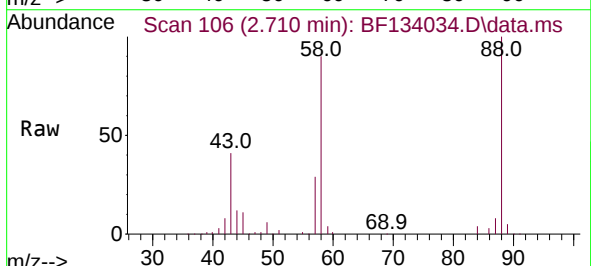
Tgt Ion:152 Resp: 11144
Ion Ratio Lower Upper
152 100
150 157.8 124.5 186.7
115 63.4 50.2 75.2

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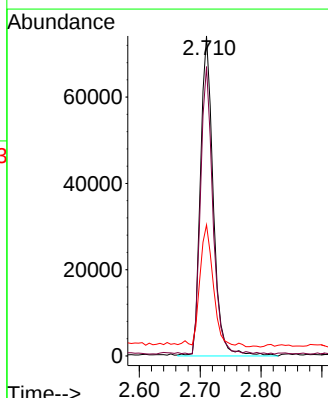
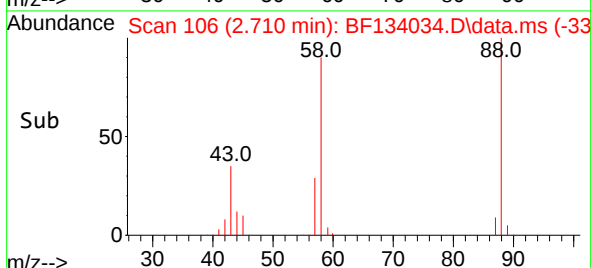
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

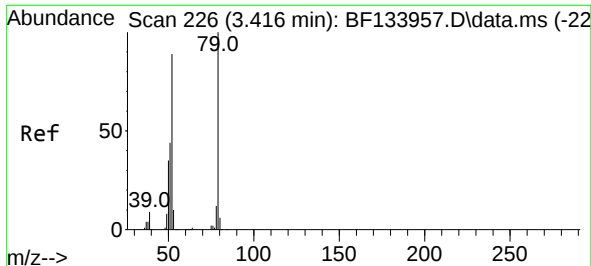


#2
1,4-Dioxane
Concen: 39.501 ng
RT: 2.710 min Scan# 106
Delta R.T. 0.077 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion: 88 Resp: 108512
Ion Ratio Lower Upper
88 100
58 86.3 68.8 103.2
43 38.0 30.7 46.1





#3

Pyridine

Concen: 37.110 ng

RT: 3.487 min Scan# 21

Delta R.T. 0.071 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion: 79 Resp: 265534

Ion Ratio Lower Upper

79 100

52 85.8 71.1 106.7

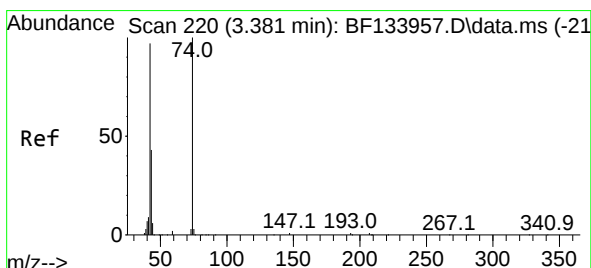
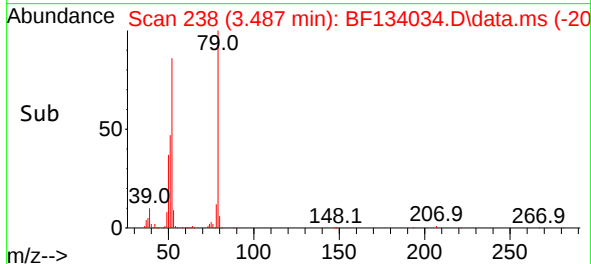
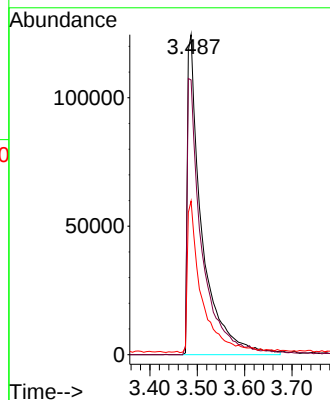
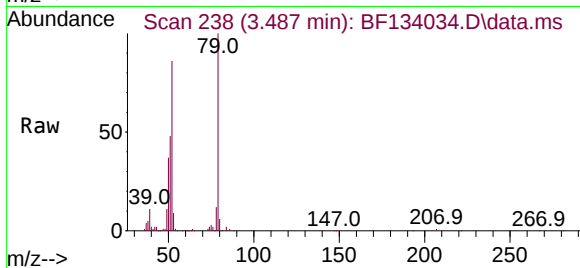
51 48.0 35.2 52.8

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#4

n-Nitrosodimethylamine

Concen: 46.774 ng

RT: 3.446 min Scan# 231

Delta R.T. 0.065 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

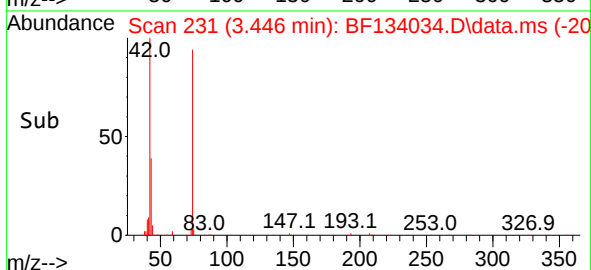
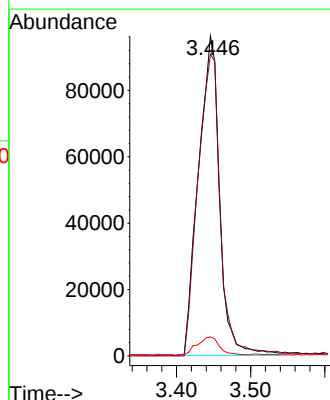
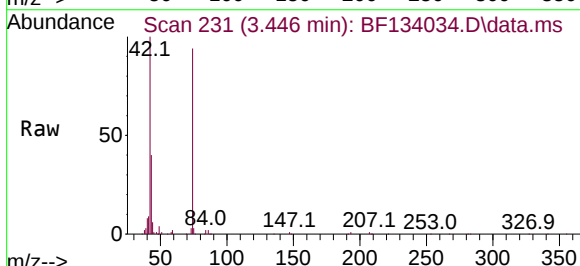
Tgt Ion: 42 Resp: 191149

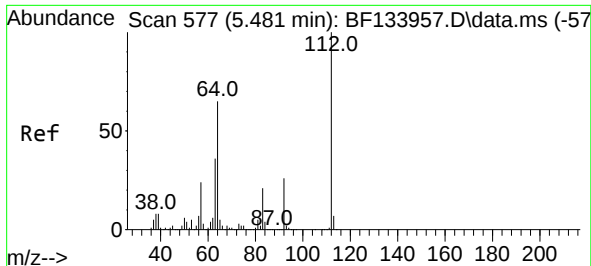
Ion Ratio Lower Upper

42 100

74 94.3 82.4 123.6

44 6.0 4.9 7.3





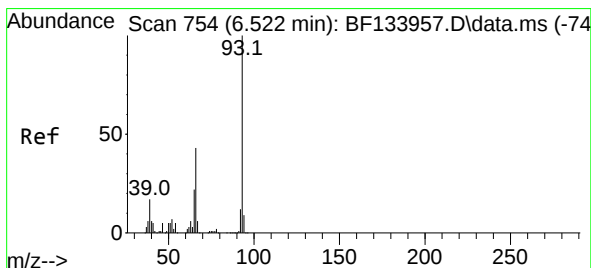
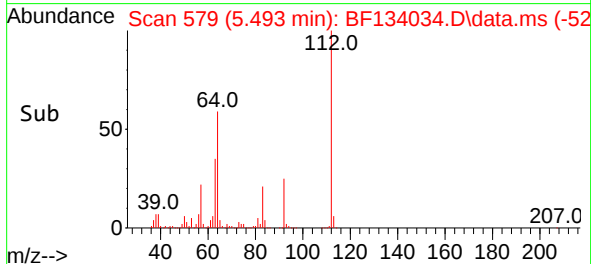
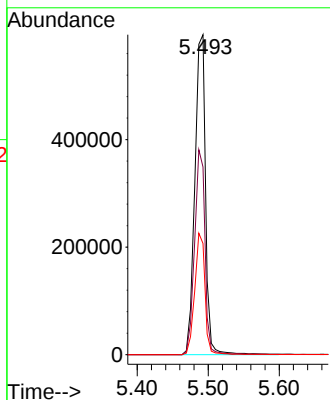
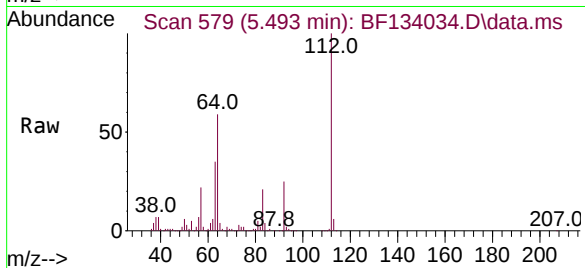
#5
2-Fluorophenol
Concen: 94.177 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :
BNA_F
ClientSampleId :
TP1MS

Tgt Ion: 112 Resp: 62743
Ion Ratio Lower Upper
112 100
64 58.6 52.1 78.1
63 34.8 28.6 42.8

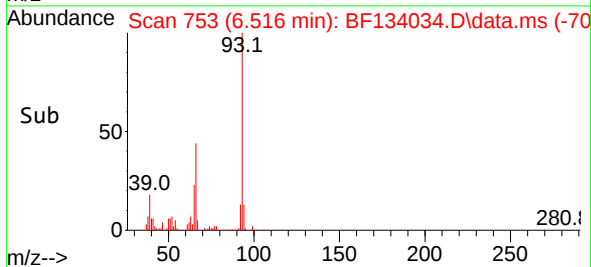
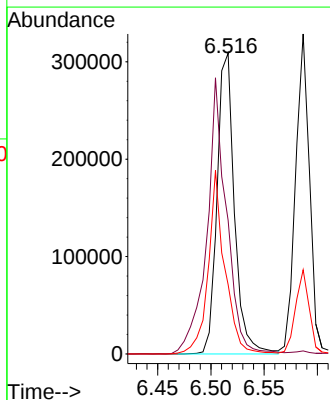
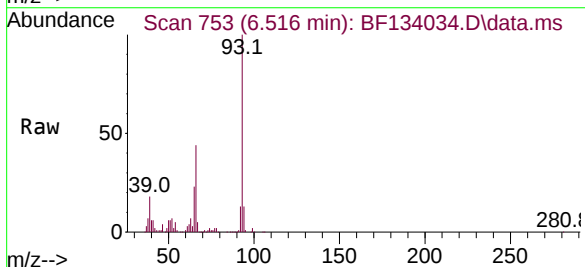
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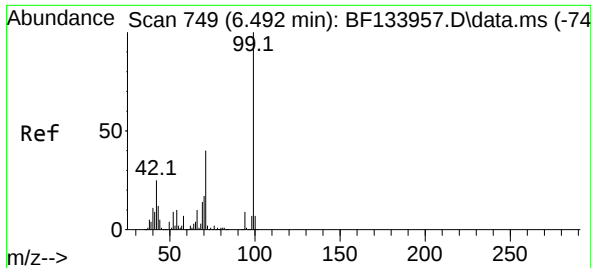
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#6
Aniline
Concen: 35.014 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

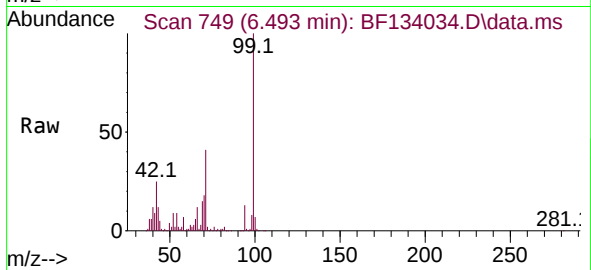
Tgt Ion: 93 Resp: 349094
Ion Ratio Lower Upper
93 100
66 44.5 34.5 51.7
65 23.1 17.8 26.6





#7
Phenol-d6
Concen: 95.419 ng
RT: 6.493 min Scan# 749
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

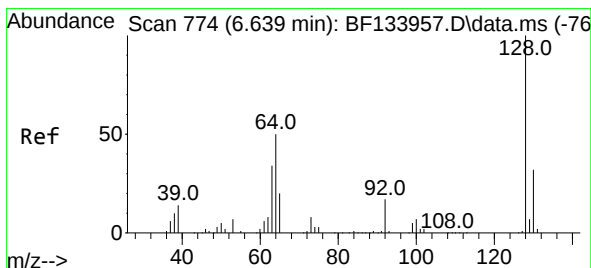
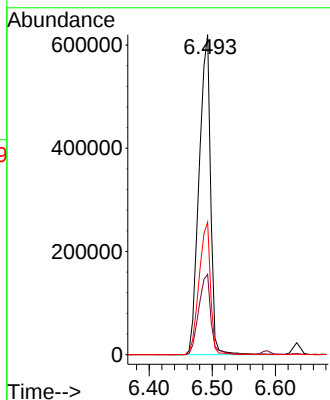
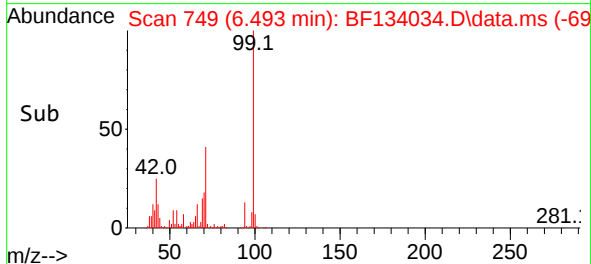
Instrument :
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ClientSampleId :
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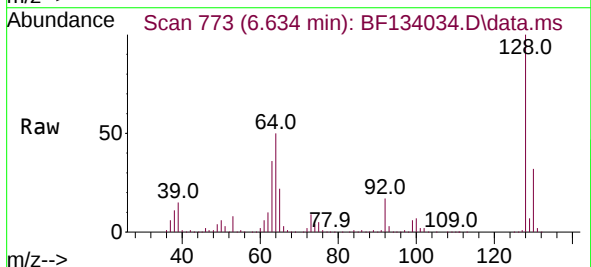
Tgt Ion: 99 Resp: 781790
Ion Ratio Lower Upper
99 100
42 25.1 19.8 29.6
71 41.5 31.9 47.9

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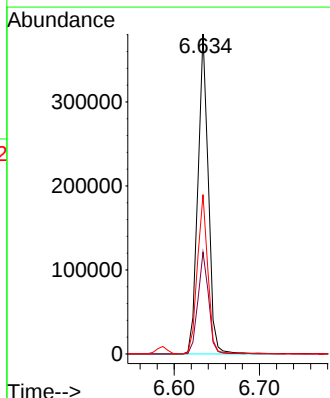
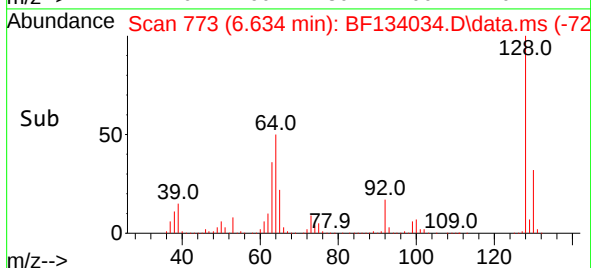
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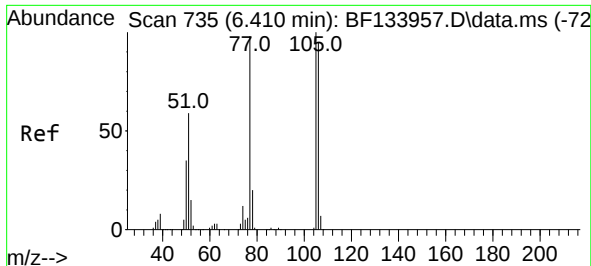


#8
2-Chlorophenol
Concen: 47.989 ng
RT: 6.634 min Scan# 773
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



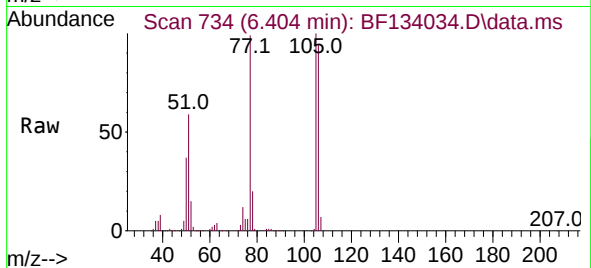
Tgt Ion:128 Resp: 324548
Ion Ratio Lower Upper
128 100
130 31.8 11.7 51.7
64 49.8 31.3 71.3





#9
Benzaldehyde
Concen: 69.783 ng
RT: 6.404 min Scan# 735
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

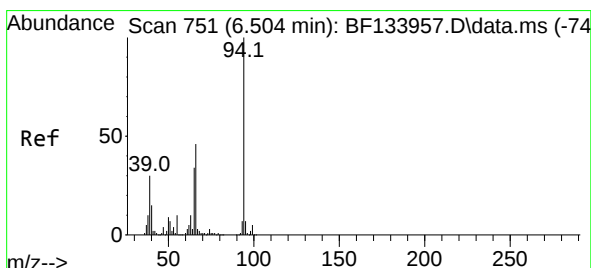
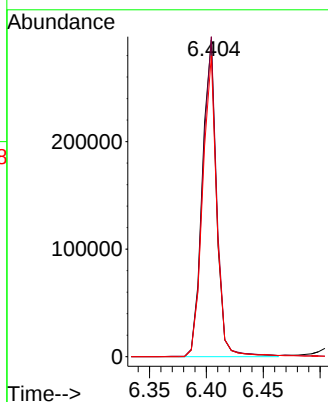
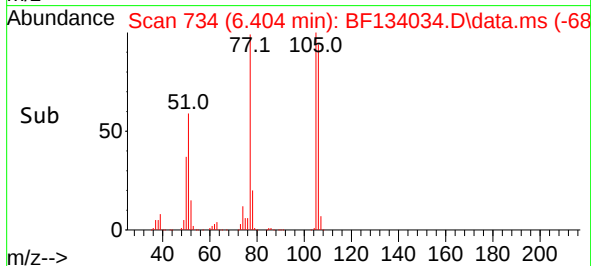
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion: 77 Resp: 25567
Ion Ratio Lower Upper
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105 101.0 82.0 122.0
106 95.0 76.9 116.9

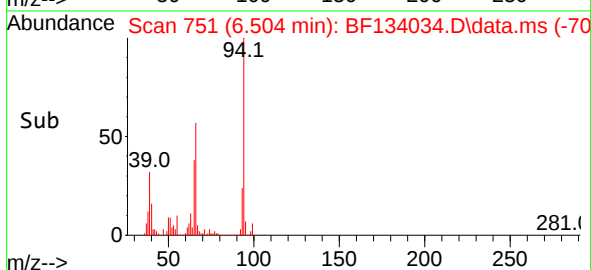
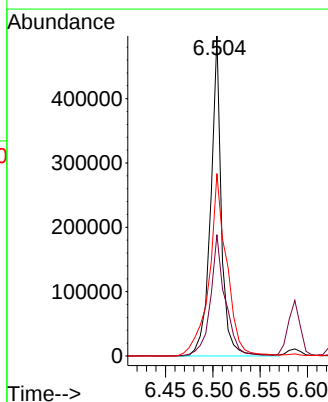
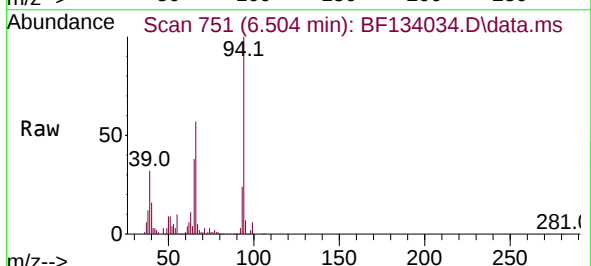
Manual Integrations
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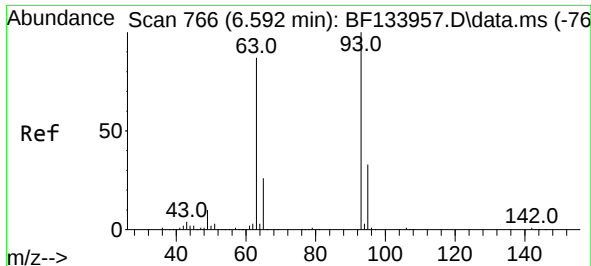
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#10
Phenol
Concen: 45.334 ng
RT: 6.504 min Scan# 751
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion: 94 Resp: 390533
Ion Ratio Lower Upper
94 100
65 37.9 14.2 54.2
66 57.0 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 46.140 ng

RT: 6.587 min Scan# 709

Delta R.T. -0.005 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

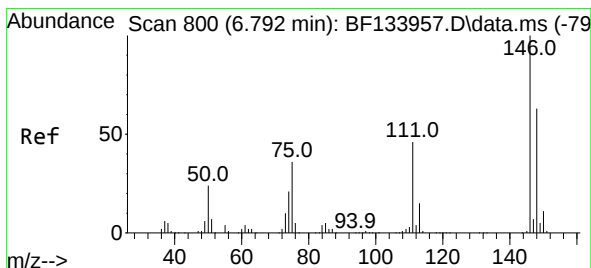
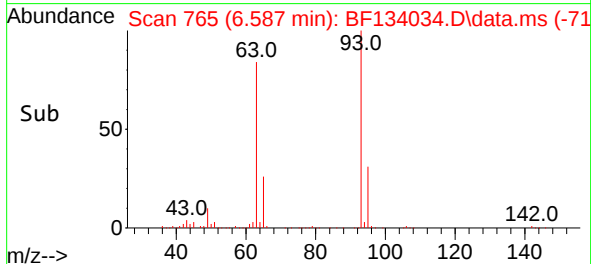
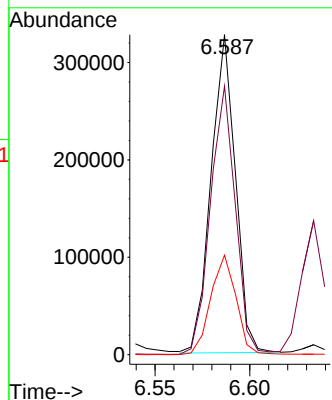
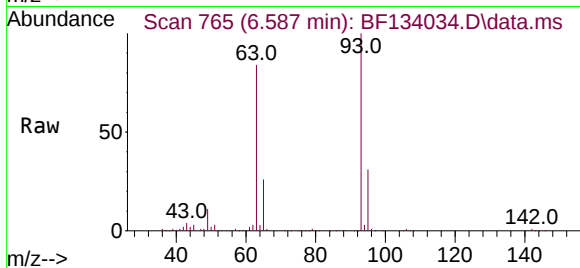
Tgt Ion: 93 Resp: 292630
 Ion Ratio Lower Upper
 93 100
 63 83.9 66.5 106.5
 95 31.1 12.9 52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#12

1,3-Dichlorobenzene

Concen: 48.157 ng

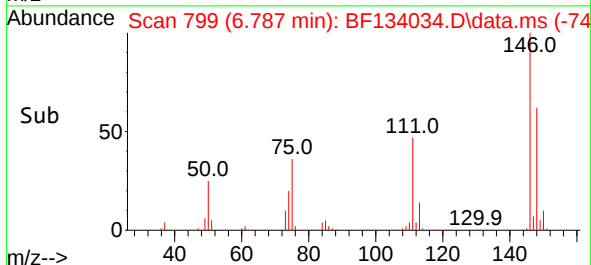
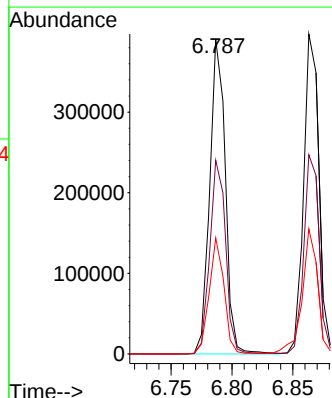
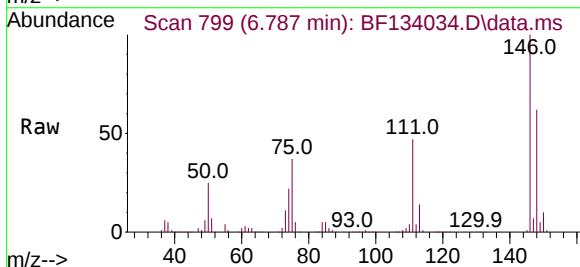
RT: 6.787 min Scan# 799

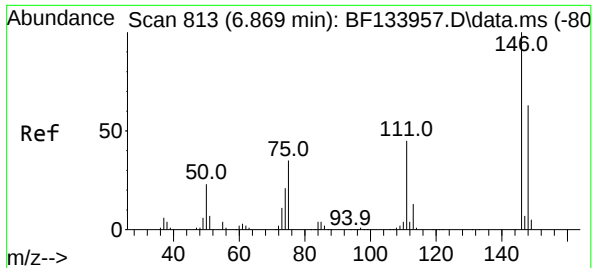
Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion:146 Resp: 347222
 Ion Ratio Lower Upper
 146 100
 148 61.6 50.5 75.7
 75 36.9 29.0 43.6





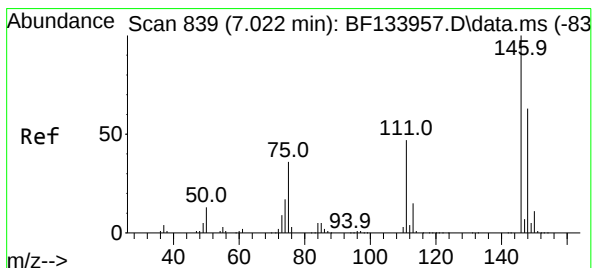
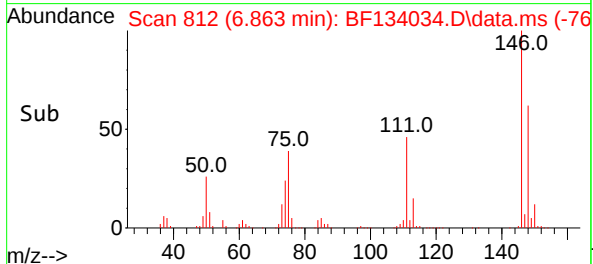
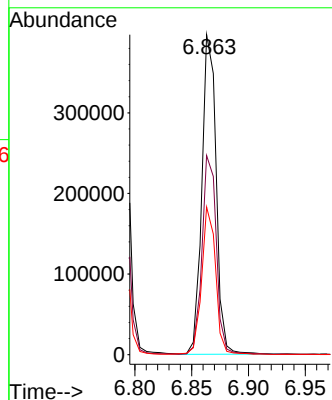
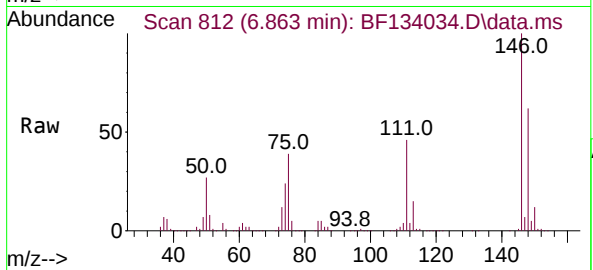
#13
1,4-Dichlorobenzene
Concen: 47.762 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :
BNA_F
ClientSampleId :
TP1MS

Tgt Ion:146 Resp: 34783
Ion Ratio Lower Upper
146 100
148 62.3 50.2 75.2
111 46.2 35.8 53.6

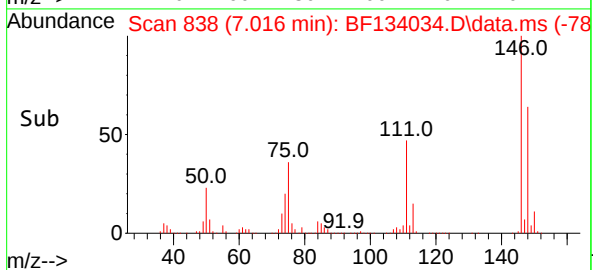
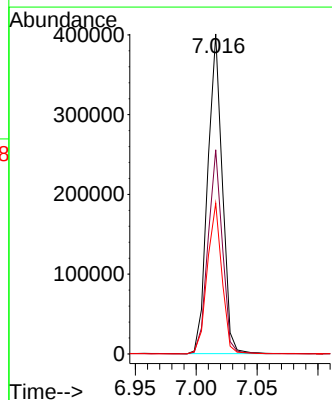
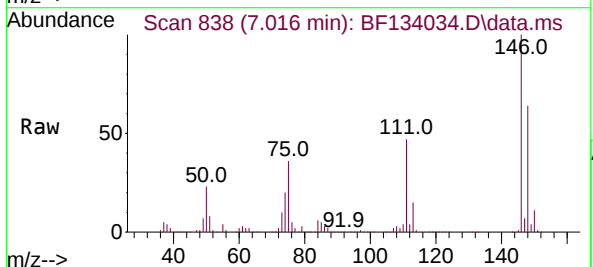
Manual Integrations
APPROVED

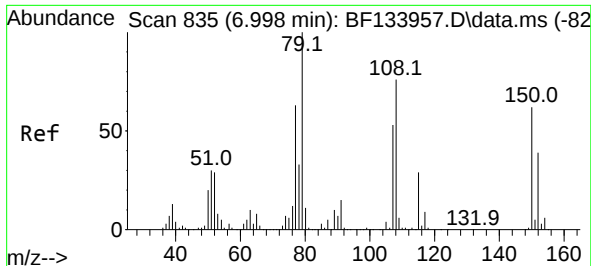
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#14
1,2-Dichlorobenzene
Concen: 48.934 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

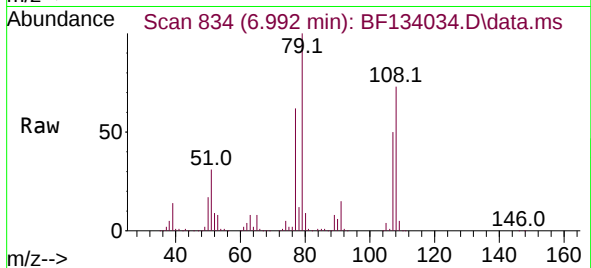
Tgt Ion:146 Resp: 333754
Ion Ratio Lower Upper
146 100
148 63.8 50.6 76.0
111 47.1 38.0 57.0





#15
Benzyl Alcohol
Concen: 48.349 ng
RT: 6.992 min Scan# 835
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

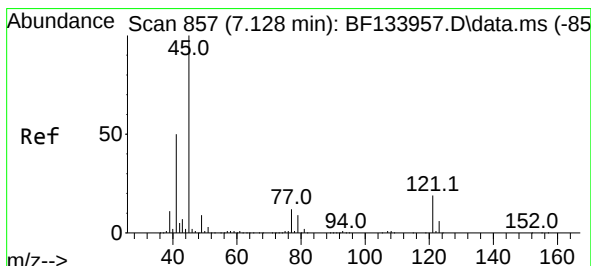
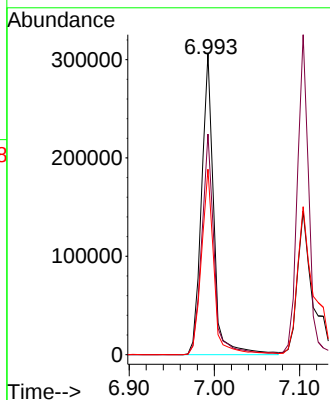
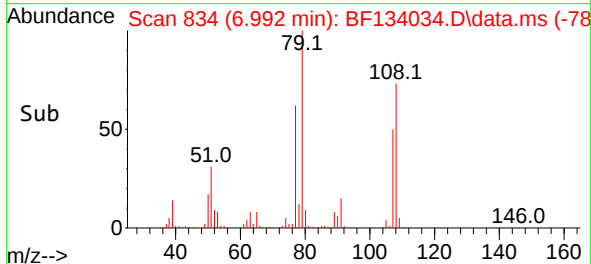
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion: 79 Resp: 30538
Ion Ratio Lower Upper
79 100
108 73.3 60.7 91.1
77 61.6 50.6 75.8

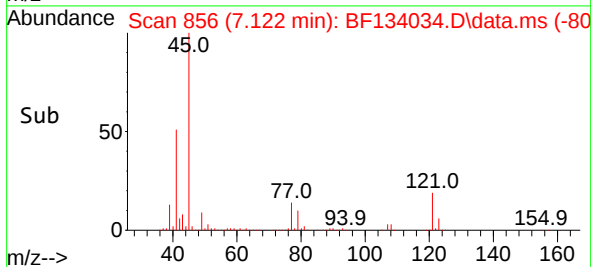
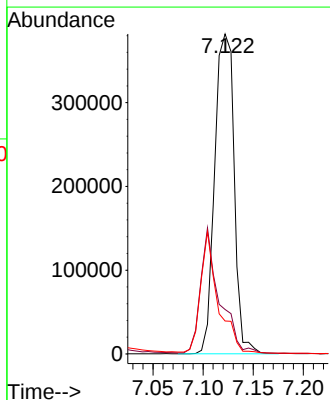
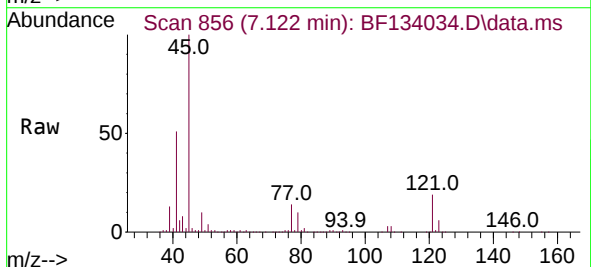
Manual Integrations
APPROVED

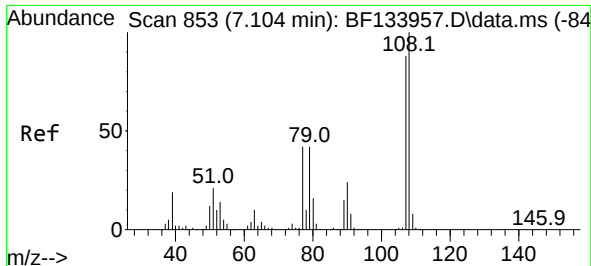
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.849 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion: 45 Resp: 514433
Ion Ratio Lower Upper
45 100
77 13.9 0.0 32.9
79 10.3 0.0 29.5





#17

2-Methylphenol

Concen: 44.064 ng

RT: 7.104 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:107 Resp: 26685

Ion Ratio Lower Upper

107 100

108 111.0 90.6 136.0

77 51.4 38.3 57.5

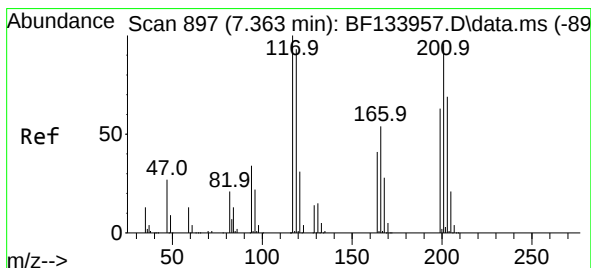
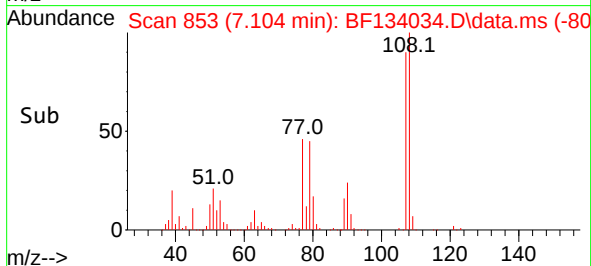
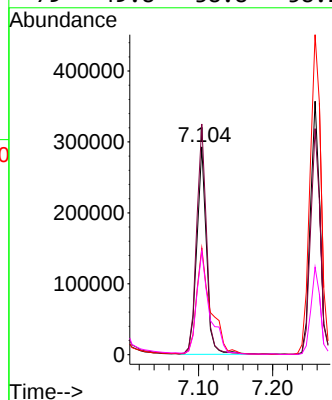
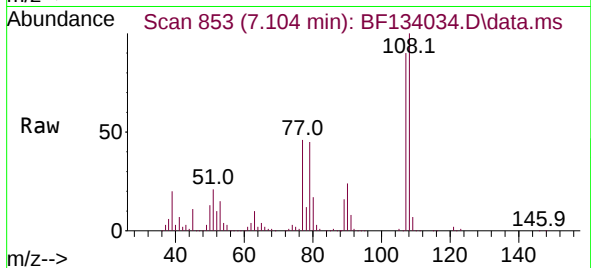
79 49.8 38.8 58.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#18

Hexachloroethane

Concen: 50.064 ng

RT: 7.357 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

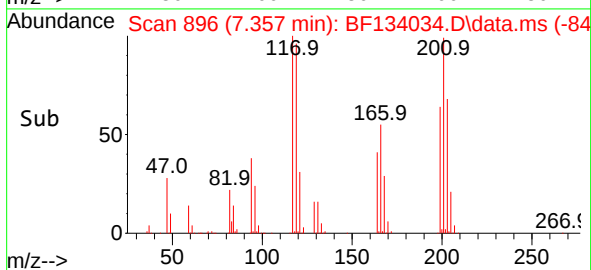
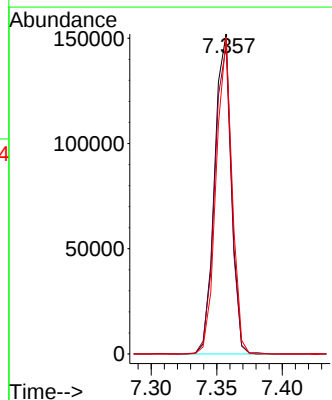
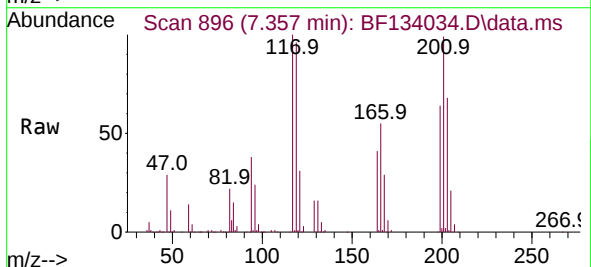
Tgt Ion:117 Resp: 135188

Ion Ratio Lower Upper

117 100

119 96.2 74.2 111.4

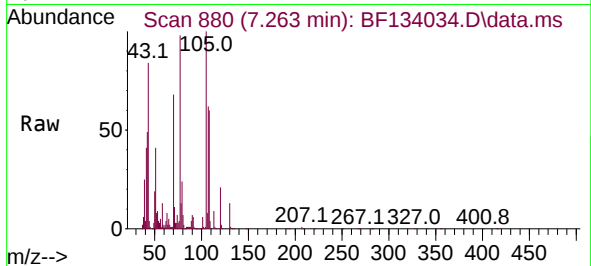
201 99.1 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 45.594 ng
RT: 7.263 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

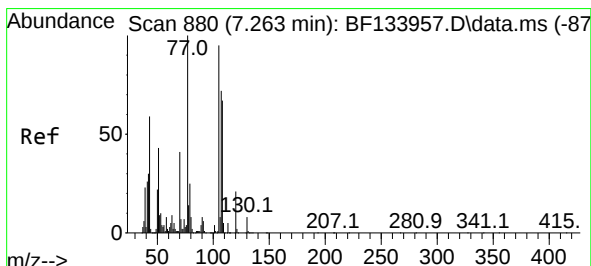
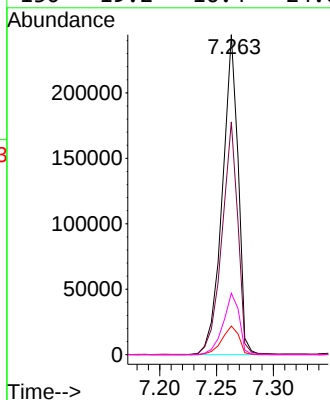
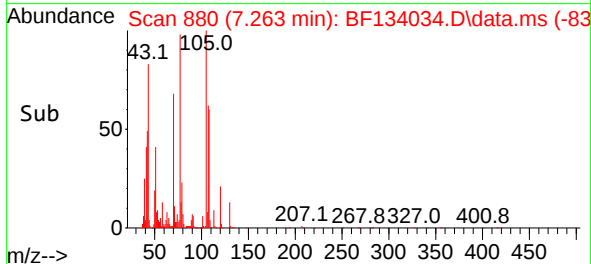
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion: 70 Resp: 236900
Ion Ratio Lower Upper
70 100
42 72.8 54.7 82.1
101 8.9 7.7 11.5
130 19.2 16.4 24.6

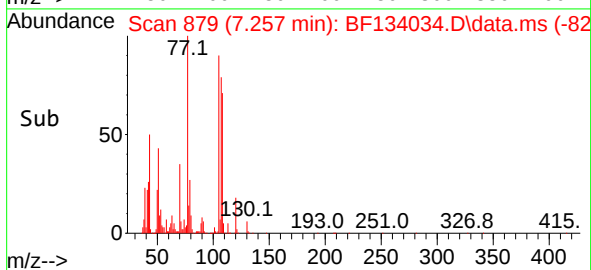
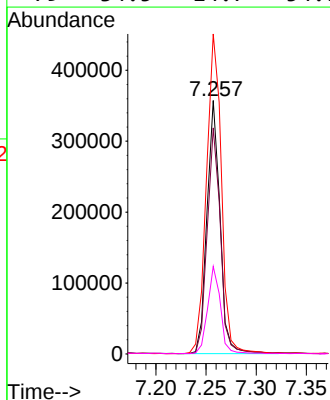
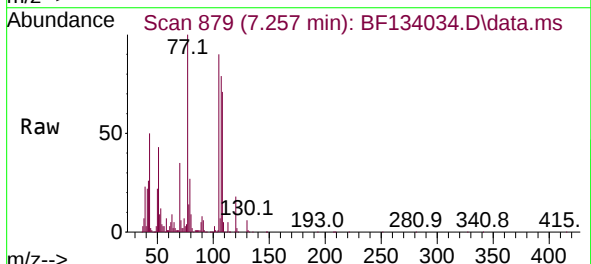
Manual Integrations
APPROVED

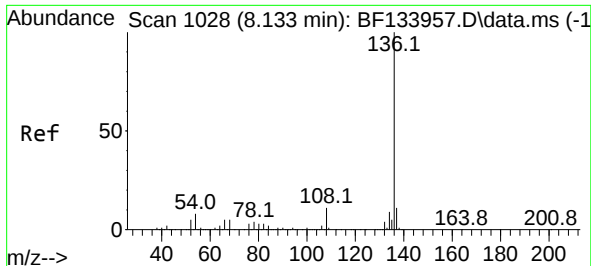
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#20
3+4-Methylphenols
Concen: 43.965 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

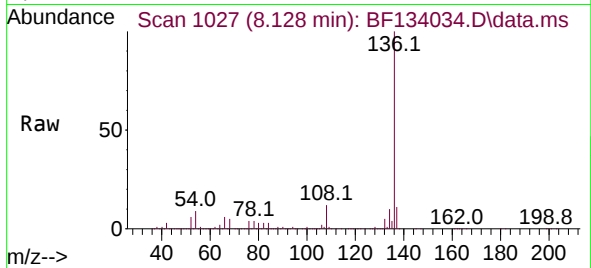
Tgt Ion:107 Resp: 323014
Ion Ratio Lower Upper
107 100
108 89.3 73.2 113.2
77 126.3 118.3 158.3
79 34.5 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

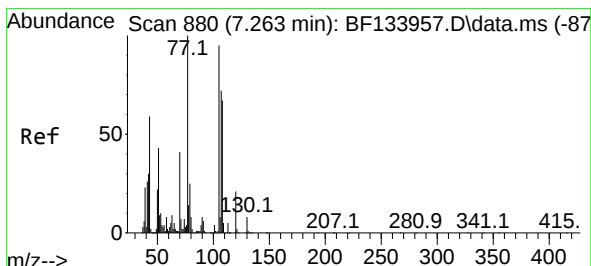
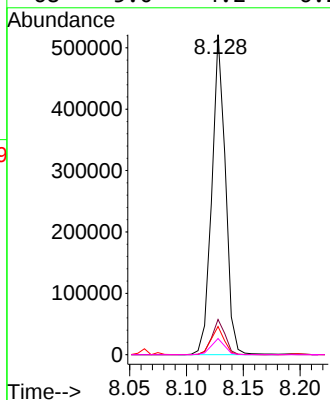
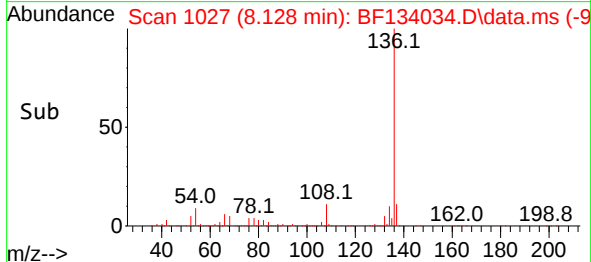
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion:136 Resp: 43344
Ion Ratio Lower Upper
136 100
137 11.0 8.6 12.8
54 8.8 6.5 9.7
68 5.0 4.2 6.2

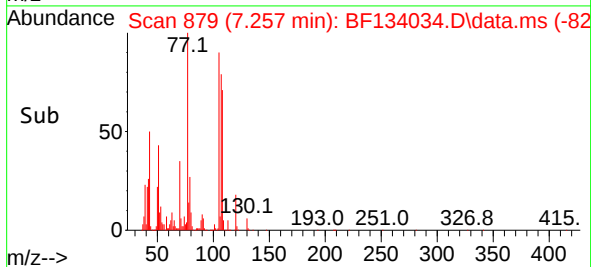
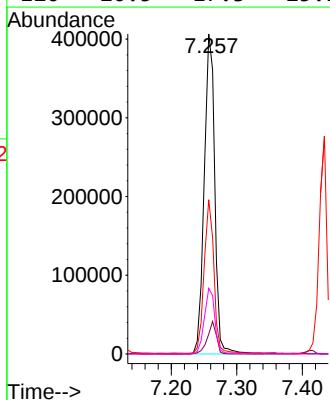
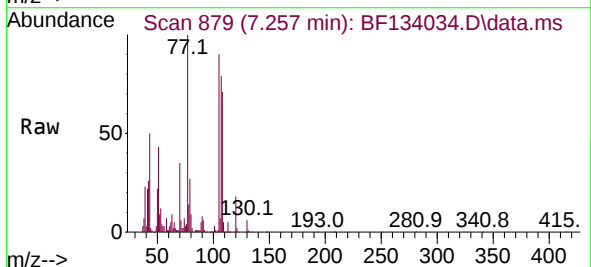
Manual Integrations
APPROVED

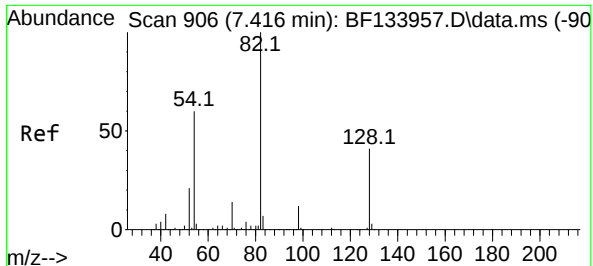
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Acetophenone
Concen: 46.391 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion:105 Resp: 457303
Ion Ratio Lower Upper
105 100
71 6.2 5.5 8.3
51 48.2 36.5 54.7
120 20.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 64.736 ng

RT: 7.410 min Scan# 906

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion: 82 Resp: 52053

Ion Ratio Lower Upper

82 100

128 39.9 32.5 48.7

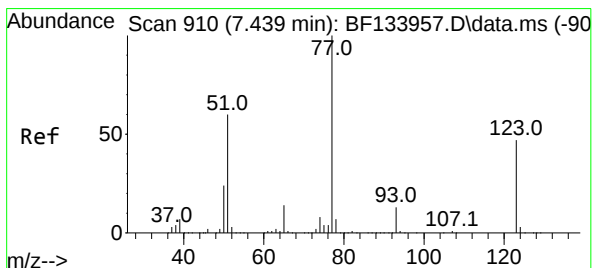
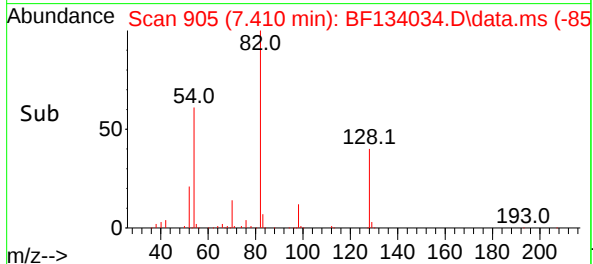
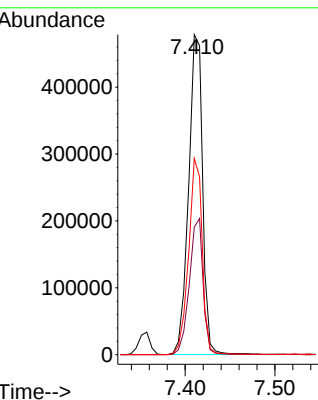
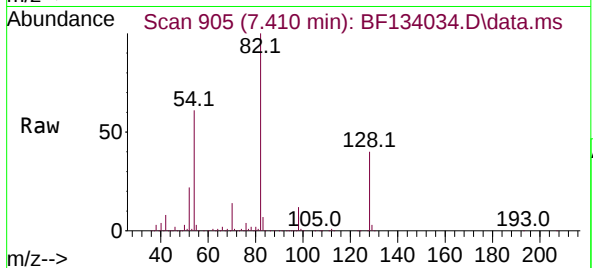
54 61.3 48.2 72.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#24

Nitrobenzene

Concen: 44.947 ng

RT: 7.434 min Scan# 909

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

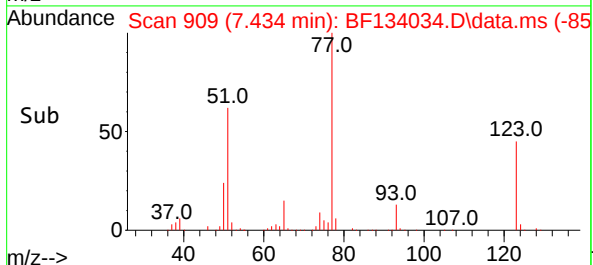
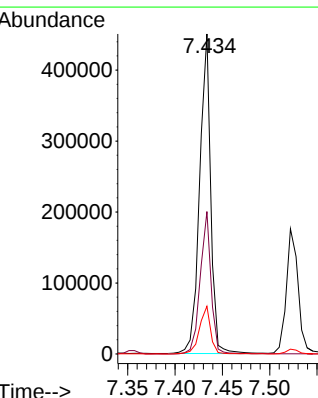
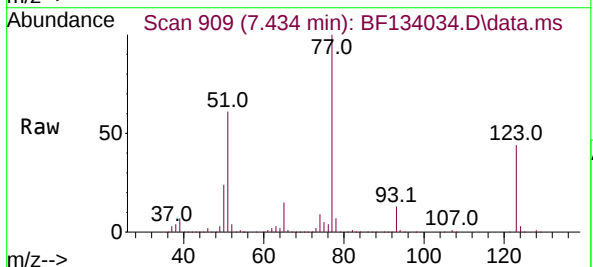
Tgt Ion: 77 Resp: 365211

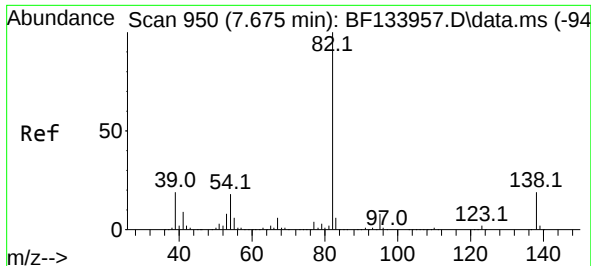
Ion Ratio Lower Upper

77 100

123 44.5 37.8 56.6

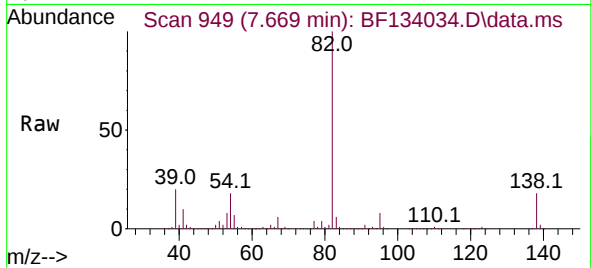
65 14.9 11.3 16.9





#25
Isophorone
Concen: 44.482 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

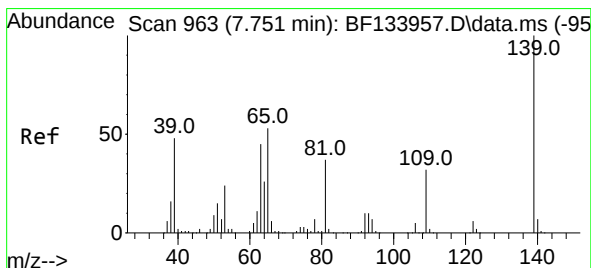
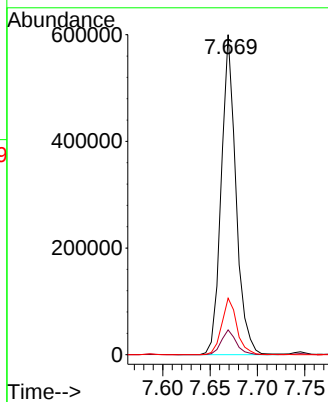
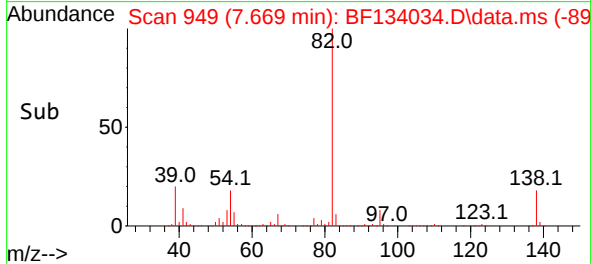
Instrument :
BNA_F
ClientSampleId :
TP1MS



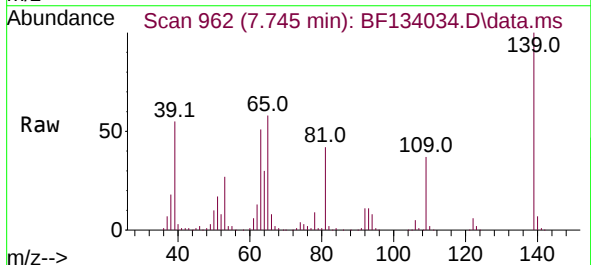
Tgt Ion: 82 Resp: 650035
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.6 15.2 22.8

Manual Integrations
APPROVED

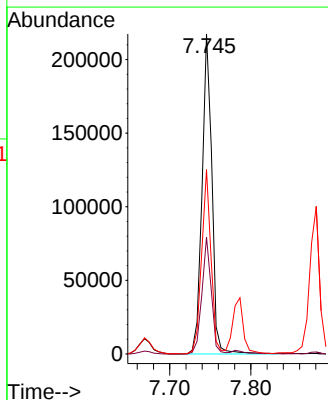
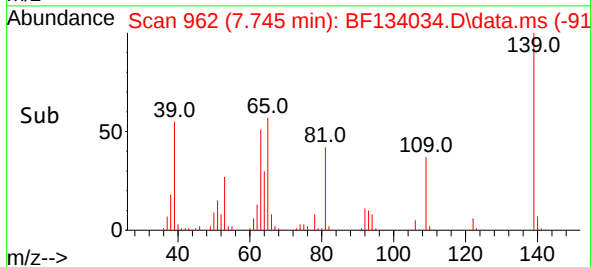
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

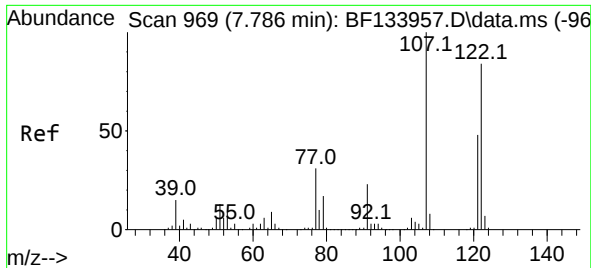


#26
2-Nitrophenol
Concen: 47.018 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion:139 Resp: 183271
Ion Ratio Lower Upper
139 100
109 36.5 25.8 38.8
65 57.6 42.4 63.6





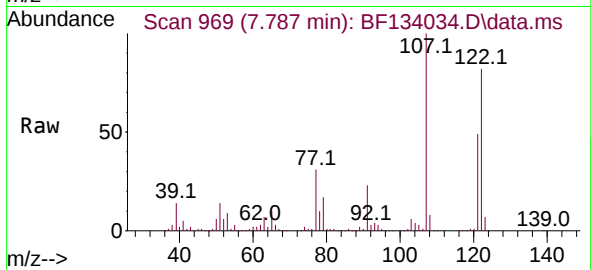
#27
2,4-Dimethylphenol
Concen: 45.510 ng
RT: 7.787 min Scan# 969
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

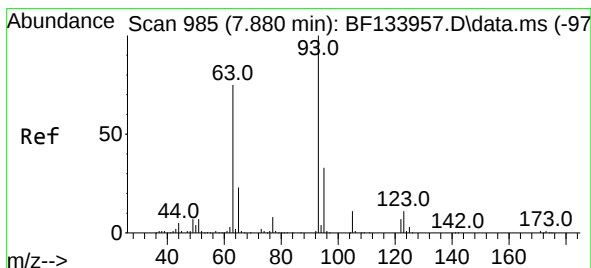
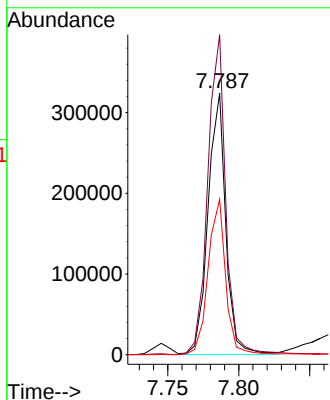
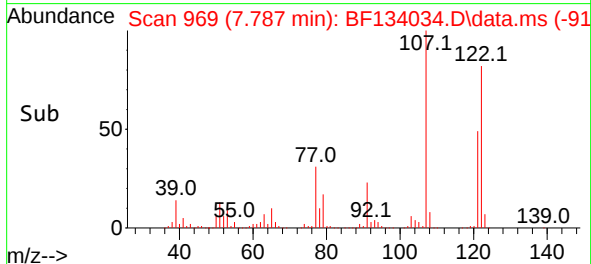
TP1MS



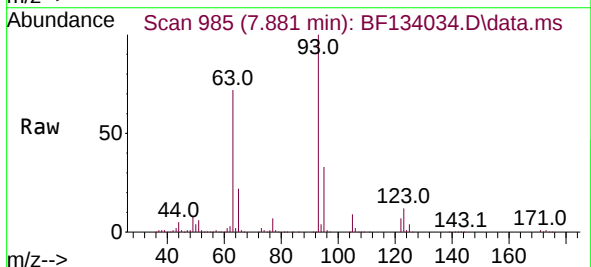
Tgt Ion:122 Resp: 280800
Ion Ratio Lower Upper
122 100
107 122.3 95.5 143.3
121 59.4 45.5 68.3

Manual Integrations
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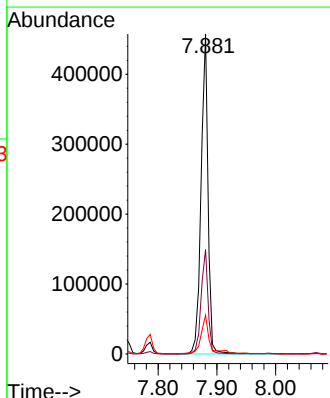
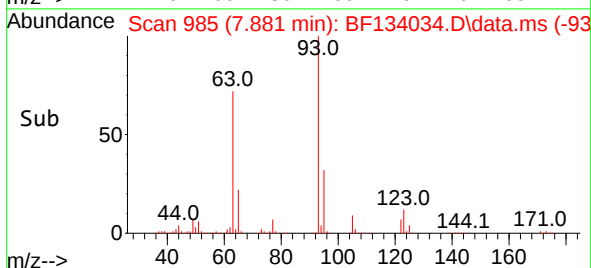
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#28
bis(2-Chloroethoxy)methane
Concen: 44.725 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion: 93 Resp: 378450
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 12.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 45.984 ng

RT: 7.987 min Scan# 1003

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:162 Resp: 281345

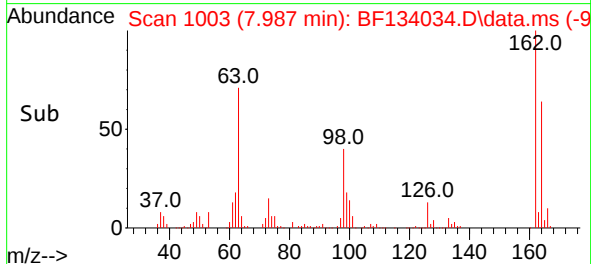
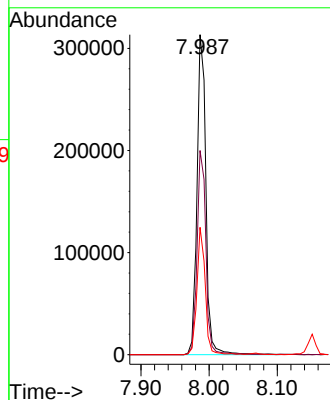
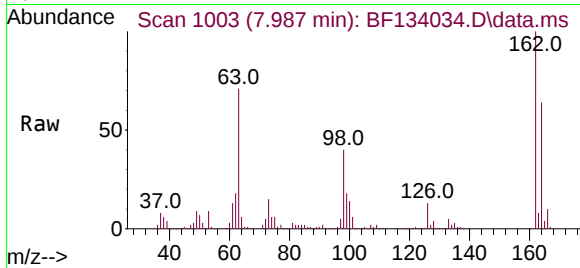
Ion	Ratio	Lower	Upper
162	100		
164	63.8	43.2	83.2
98	39.8	14.9	54.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 46.486 ng

RT: 8.069 min Scan# 1017

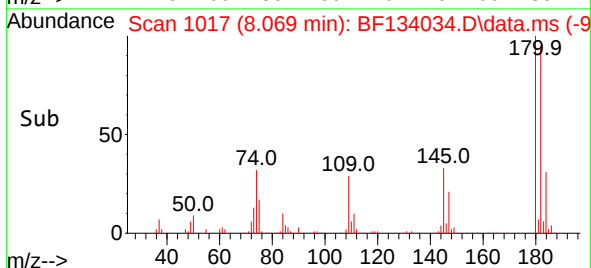
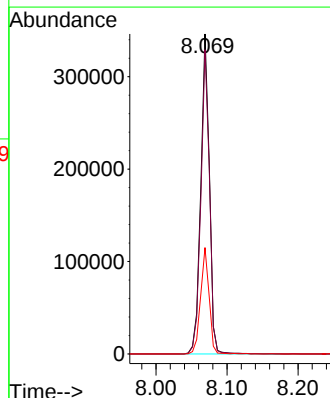
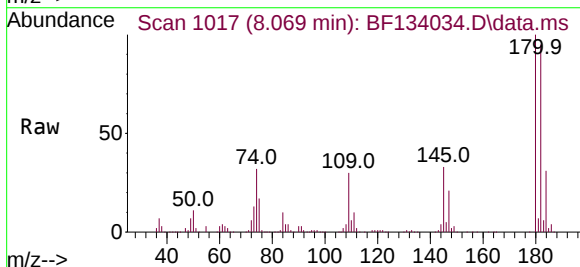
Delta R.T. -0.006 min

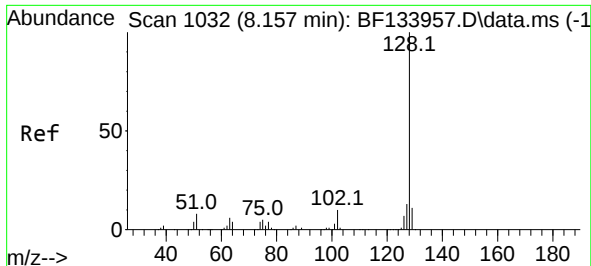
Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion:180 Resp: 293474

Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.1	115.7
145	33.3	26.0	39.0





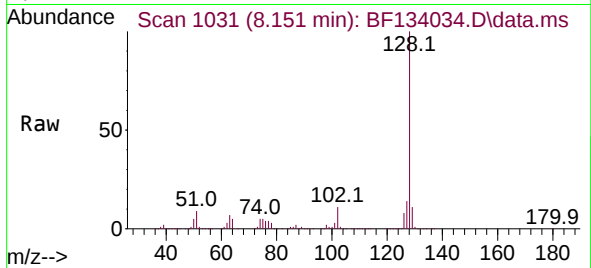
#31
Naphthalene
Concen: 44.121 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

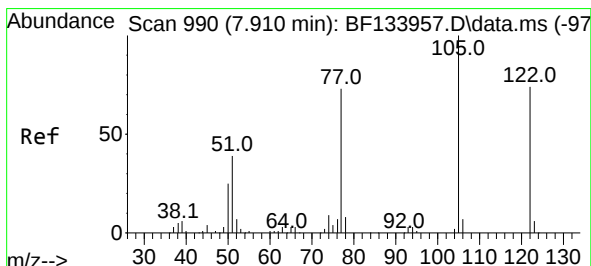
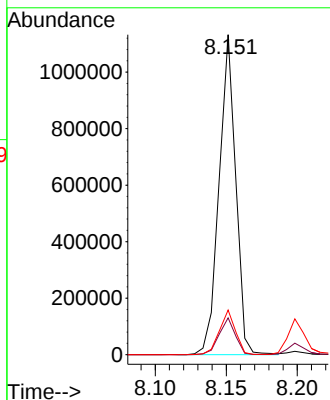
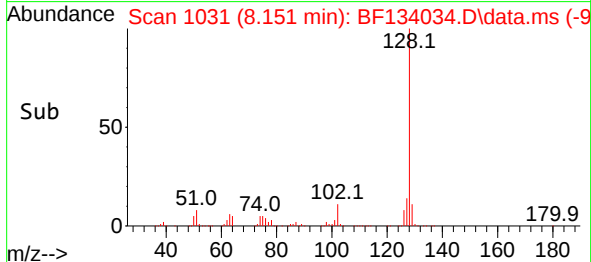


Tgt Ion:128 Resp: 92374
Ion Ratio Lower Upper
128 100
129 11.5 8.7 13.1
127 14.0 10.6 15.8

Manual Integrations

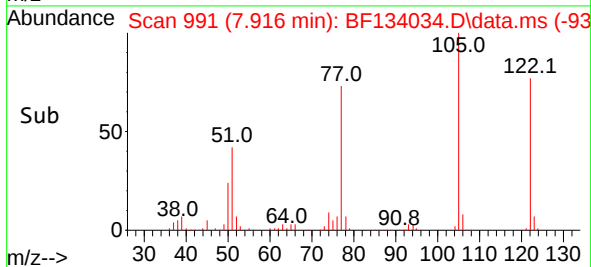
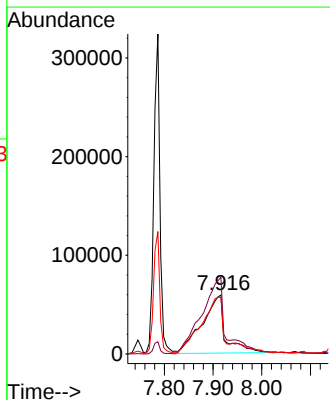
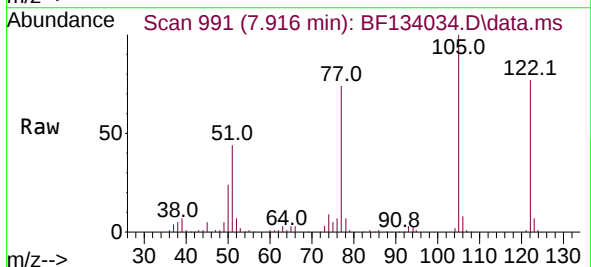
APPROVED

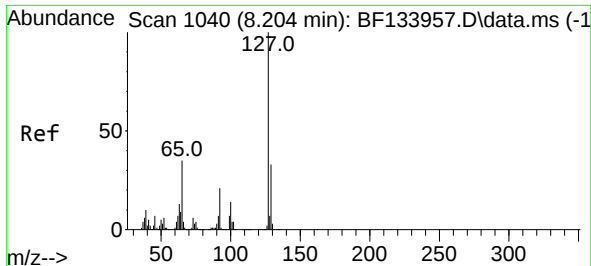
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#32
Benzoic acid
Concen: 42.713 ng
RT: 7.916 min Scan# 991
Delta R.T. 0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion:122 Resp: 197482
Ion Ratio Lower Upper
122 100
105 130.2 109.7 149.7
77 95.8 76.0 116.0





#33

4-Chloroaniline

Concen: 12.586 ng

RT: 8.198 min Scan# 1039

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:127 Resp: 112715

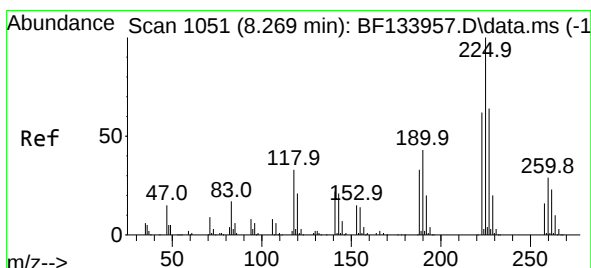
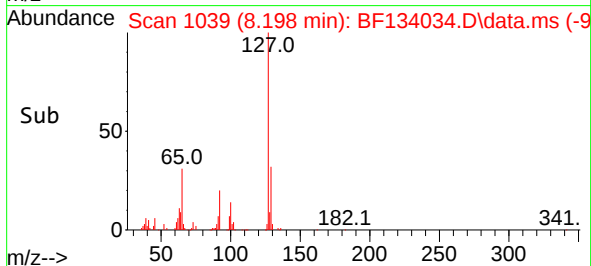
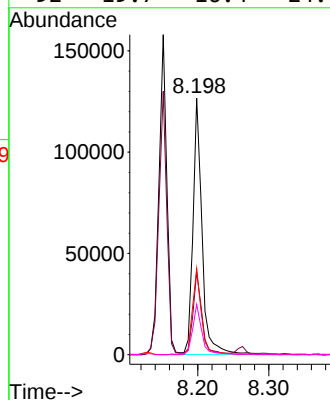
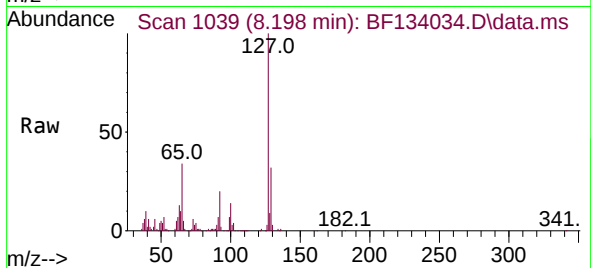
Ion	Ratio	Lower	Upper
127	100		
129	32.1	26.4	39.6
65	33.6	27.8	41.8
92	19.7	16.4	24.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#34

Hexachlorobutadiene

Concen: 47.420 ng

RT: 8.263 min Scan# 1050

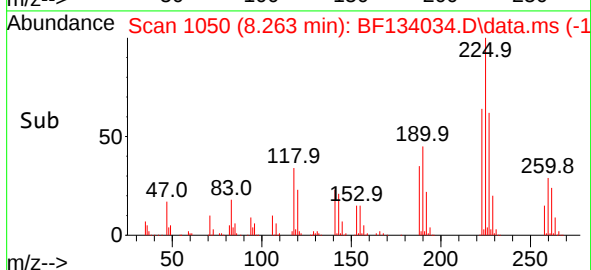
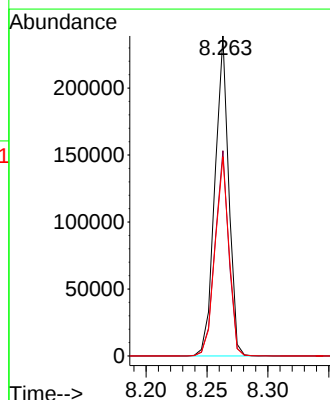
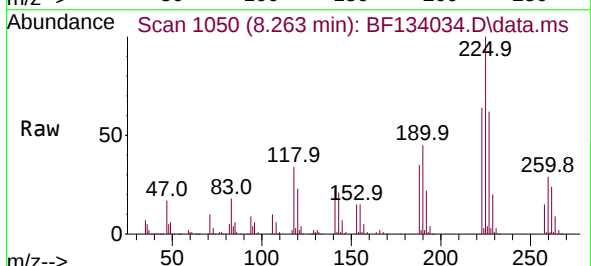
Delta R.T. -0.006 min

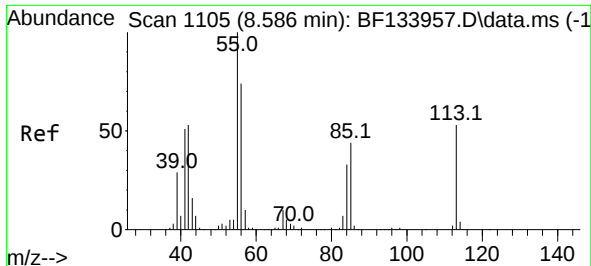
Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion:225 Resp: 188842

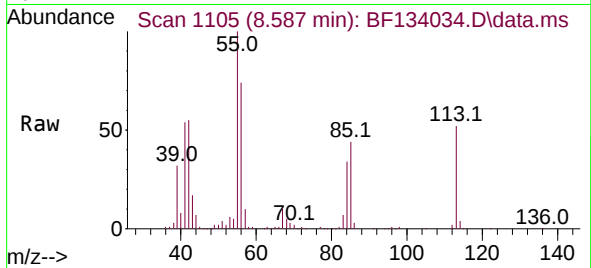
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.8
227	62.3	51.0	76.4





#35
 Caprolactam
 Concen: 45.088 ng m
 RT: 8.587 min Scan# 1105
 Delta R.T. 0.000 min
 Lab File: BF134034.D
 Acq: 29 Jun 2023 13:38

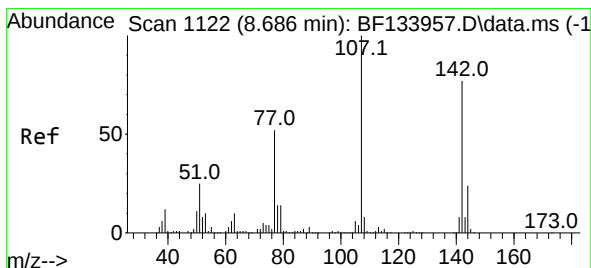
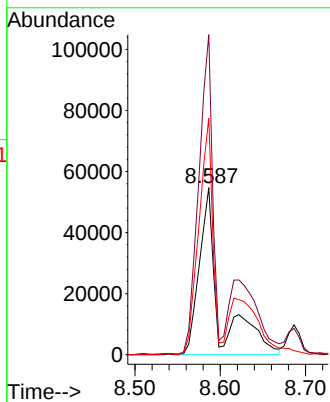
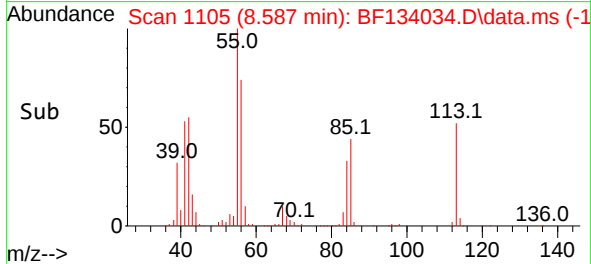
Instrument :
 BNA_F
 ClientSampleId :
 TP1MS



Tgt Ion:113 Resp: 90832
 Ion Ratio Lower Upper
 113 100
 55 191.6 170.2 210.2
 56 141.7 121.4 161.4

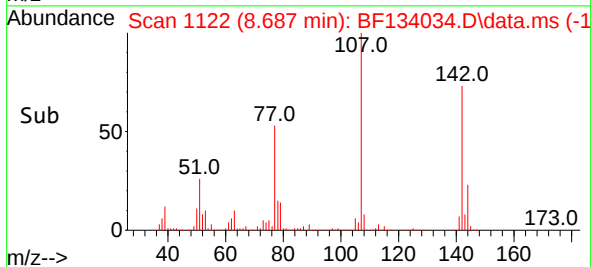
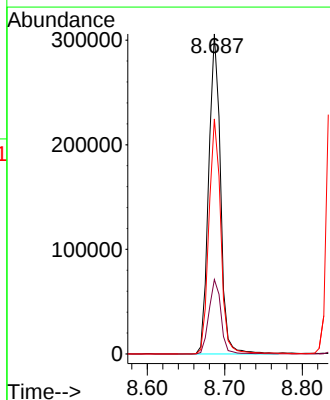
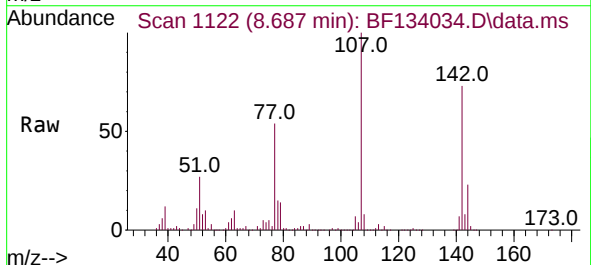
Manual Integrations
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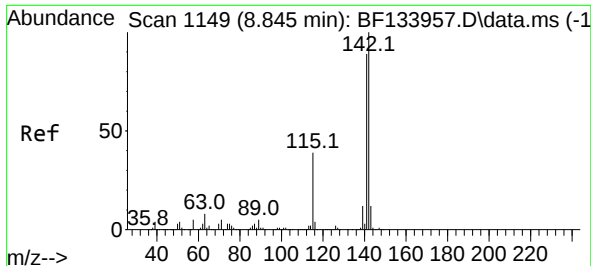
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#36
 4-Chloro-3-methylphenol
 Concen: 47.053 ng
 RT: 8.687 min Scan# 1122
 Delta R.T. 0.000 min
 Lab File: BF134034.D
 Acq: 29 Jun 2023 13:38

Tgt Ion:107 Resp: 323414
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.6 29.4
 142 73.5 61.4 92.2





#37

2-Methylnaphthalene

Concen: 42.349 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:142 Resp: 626992

Ion Ratio Lower Upper

142 100

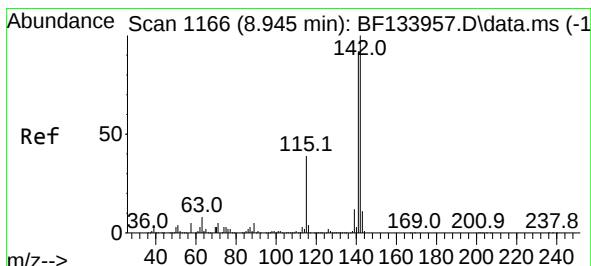
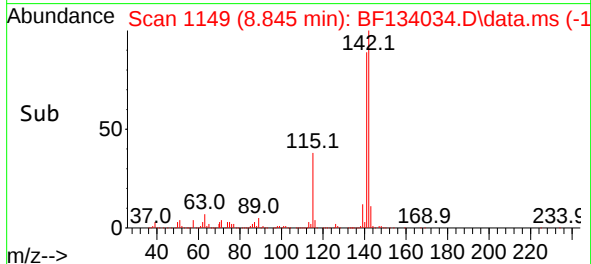
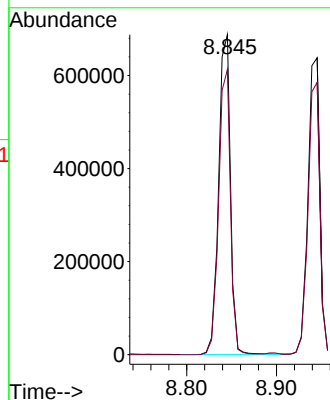
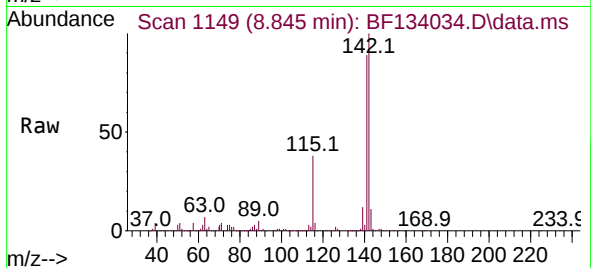
141 89.1 71.0 106.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#38

1-Methylnaphthalene

Concen: 42.658 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134034.D

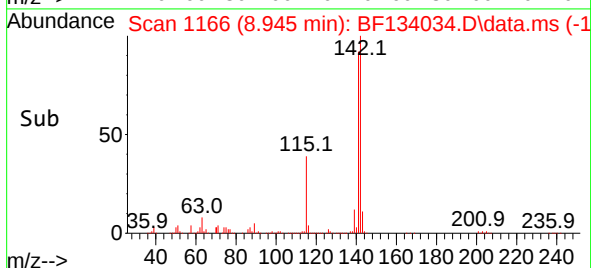
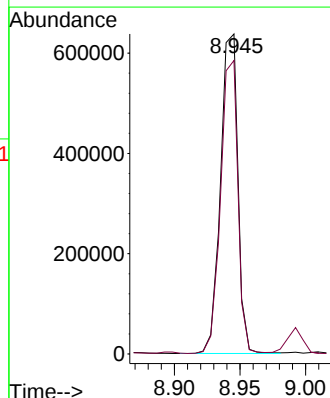
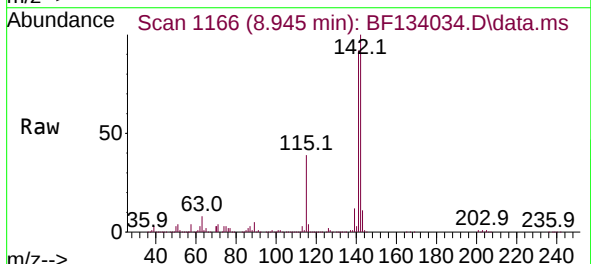
Acq: 29 Jun 2023 13:38

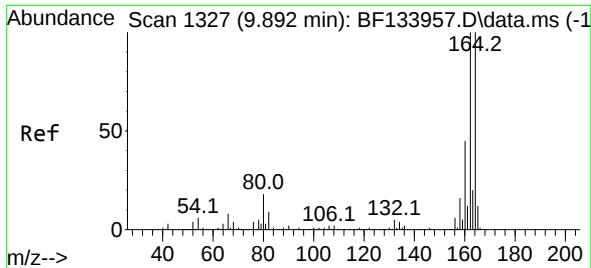
Tgt Ion:142 Resp: 587137

Ion Ratio Lower Upper

142 100

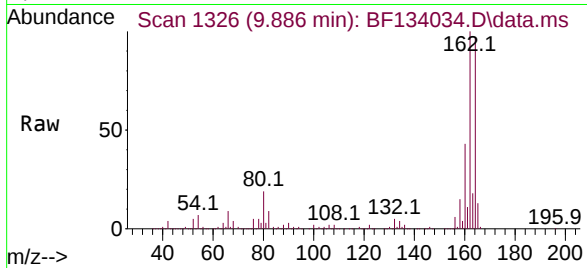
141 91.7 73.5 110.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1177
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

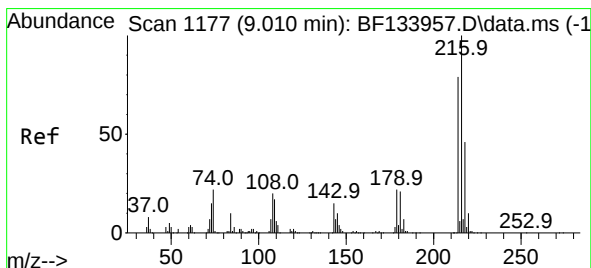
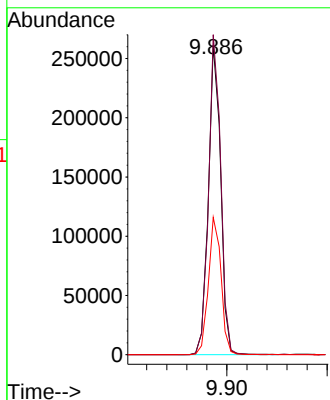
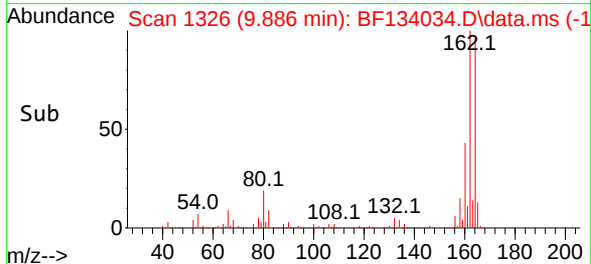
Instrument :
BNA_F
ClientSampleId :
TP1MS



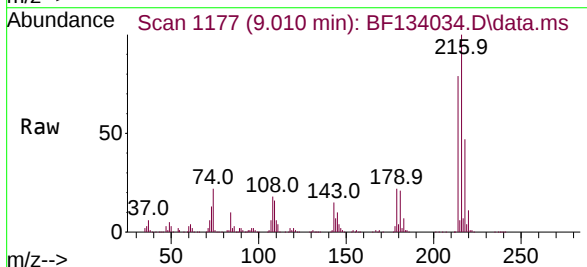
Tgt Ion:164 Resp: 22288
Ion Ratio Lower Upper
164 100
162 103.5 80.0 120.0
160 44.4 35.9 53.9

Manual Integrations
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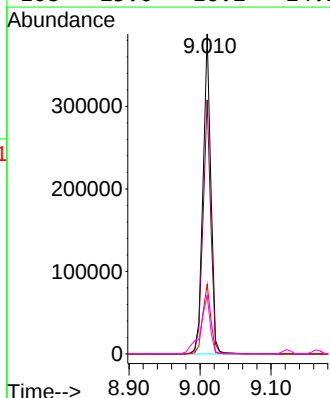
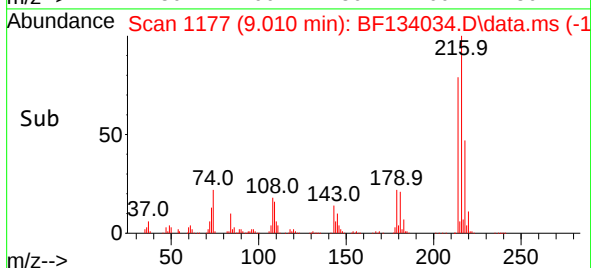
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.319 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



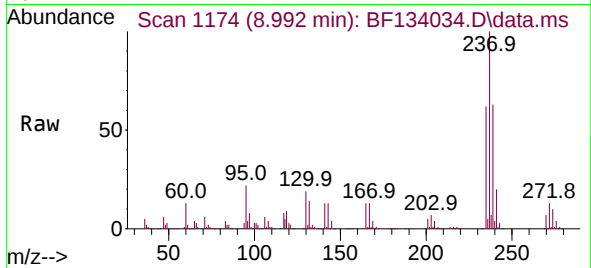
Tgt Ion:216 Resp: 299255
Ion Ratio Lower Upper
216 100
214 78.9 64.1 96.1
179 22.3 17.3 25.9
108 23.0 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 108.609 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

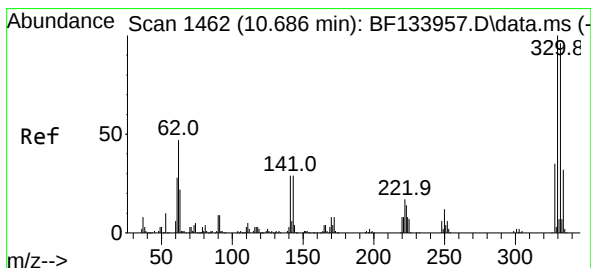
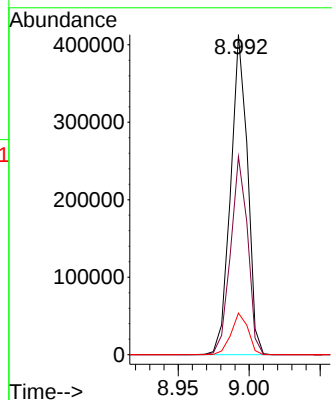
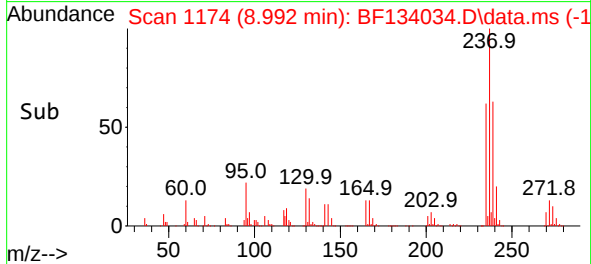
Instrument :
BNA_F
ClientSampleId :
TP1MS



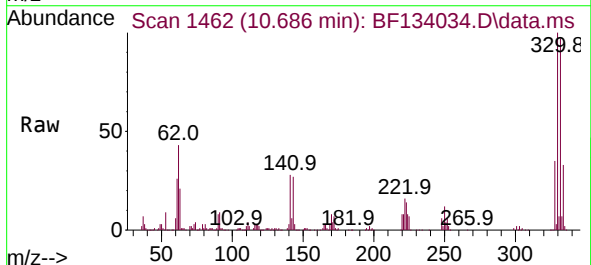
Tgt Ion:237 Resp: 340240
Ion Ratio Lower Upper
237 100
235 61.9 42.8 82.8
272 13.0 0.0 34.6

Manual Integrations
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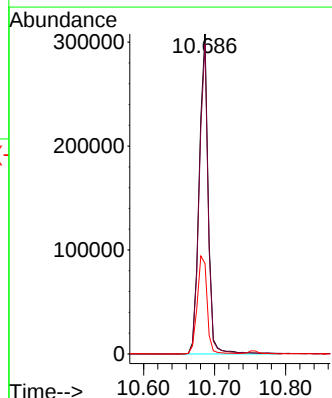
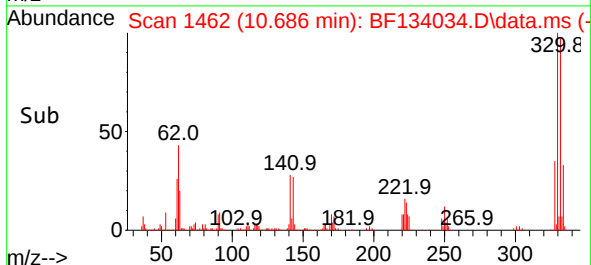
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

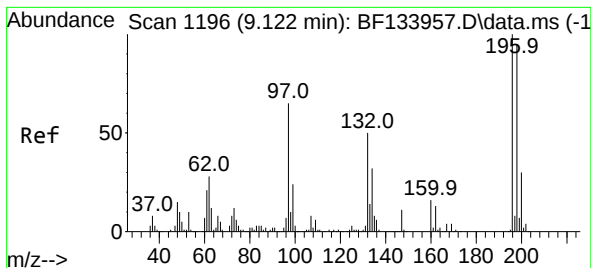


#42
2,4,6-Tribromophenol
Concen: 97.705 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



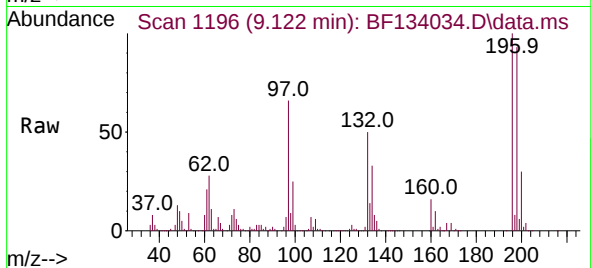
Tgt Ion:330 Resp: 273038
Ion Ratio Lower Upper
330 100
332 95.2 77.0 115.6
141 33.5 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 45.263 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

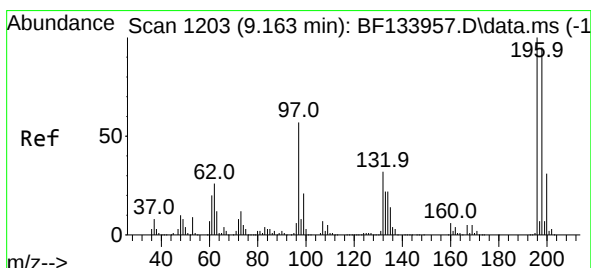
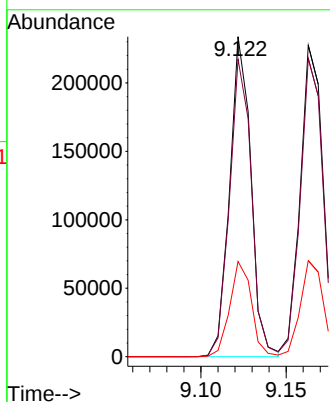
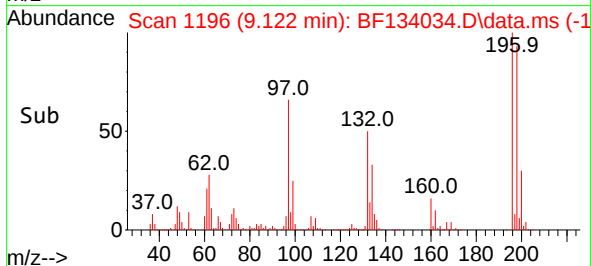
Instrument :
BNA_F
ClientSampleId :
TP1MS



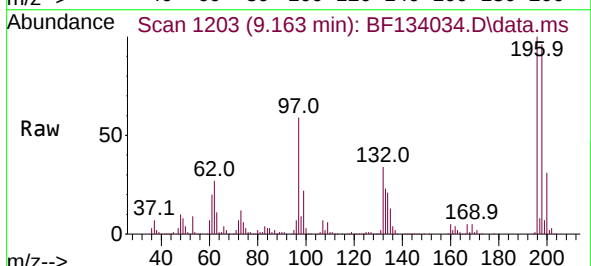
Tgt Ion:196 Resp: 203462
Ion Ratio Lower Upper
196 100
198 93.0 75.6 113.4
200 29.8 24.4 36.6

Manual Integrations
APPROVED

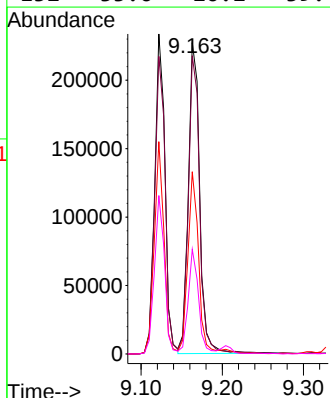
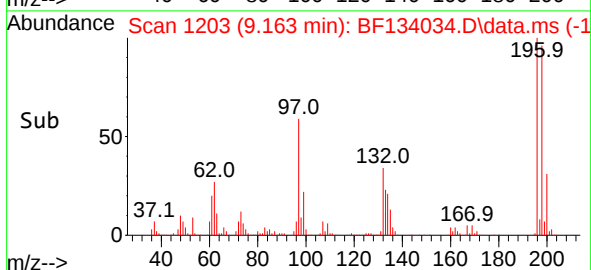
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

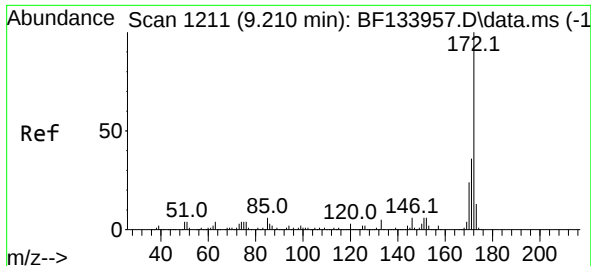


#44
2,4,5-Trichlorophenol
Concen: 41.895 ng
RT: 9.163 min Scan# 1203
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



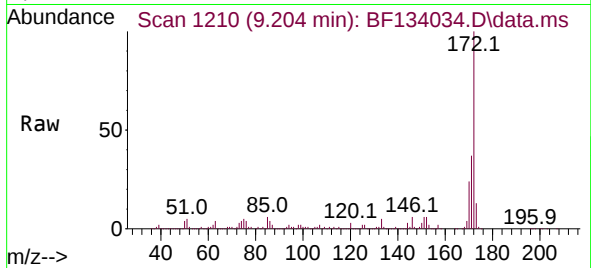
Tgt Ion:196 Resp: 221520
Ion Ratio Lower Upper
196 100
198 95.8 75.7 113.5
97 58.5 45.8 68.6
132 33.6 26.2 39.4





#45
2-Fluorobiphenyl
Concen: 64.146 ng
RT: 9.204 min Scan# 1210
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

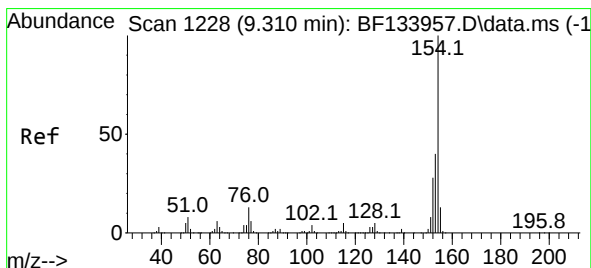
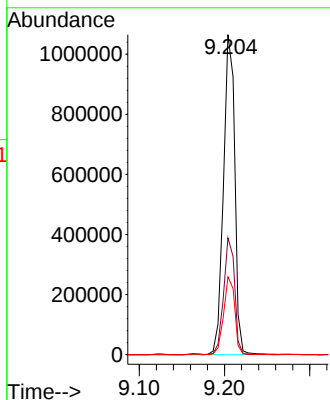
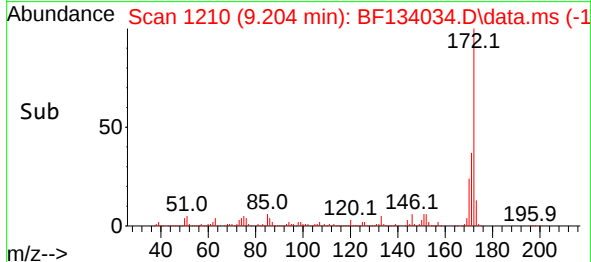
Instrument :
BNA_F
ClientSampleId :
TP1MS



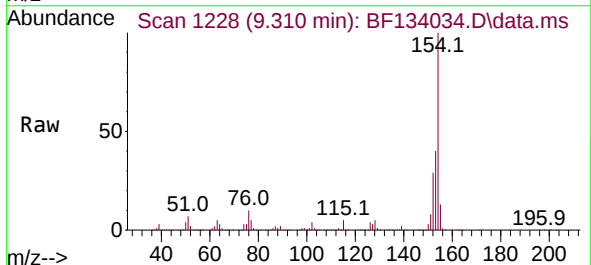
Tgt Ion:172 Resp: 98336
Ion Ratio Lower Upper
172 100
171 36.5 28.6 43.0
170 24.3 19.4 29.0

Manual Integrations
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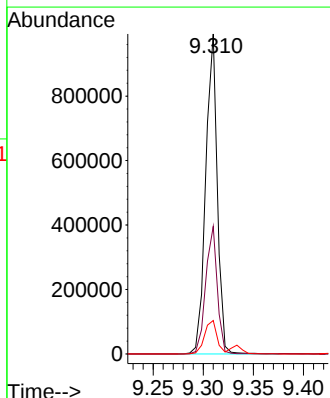
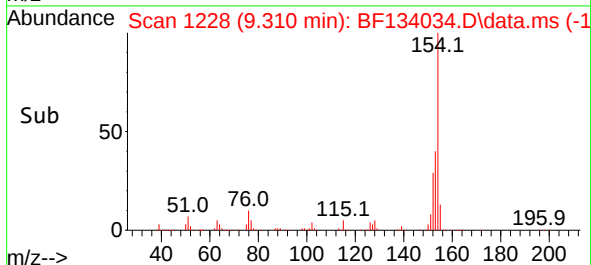
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

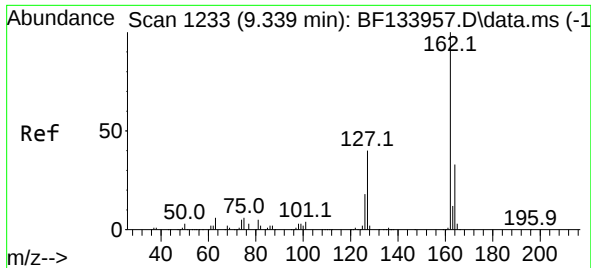


#46
1,1'-Biphenyl
Concen: 44.835 ng
RT: 9.310 min Scan# 1228
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion:154 Resp: 801608
Ion Ratio Lower Upper
154 100
153 39.8 19.8 59.8
76 10.5 0.0 32.9





#47

2-Chloronaphthalene

Concen: 45.454 ng

RT: 9.334 min Scan# 1233

Delta R.T. -0.005 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

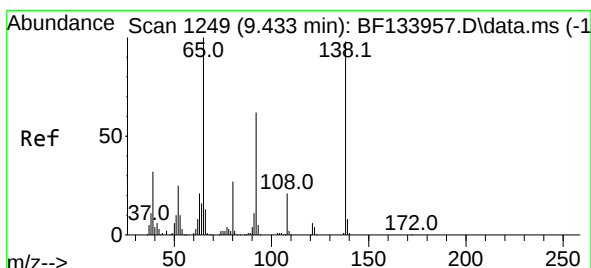
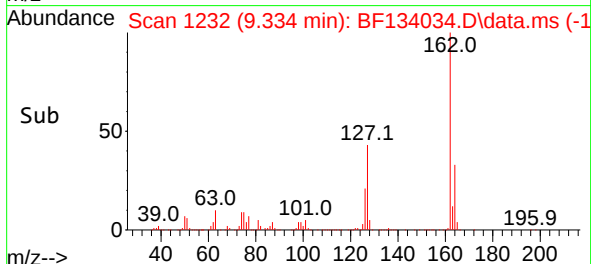
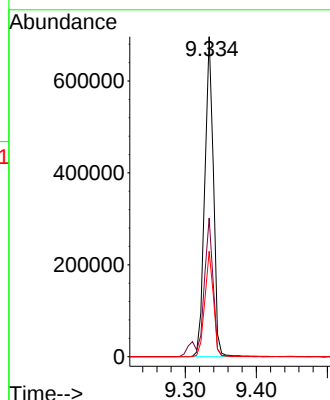
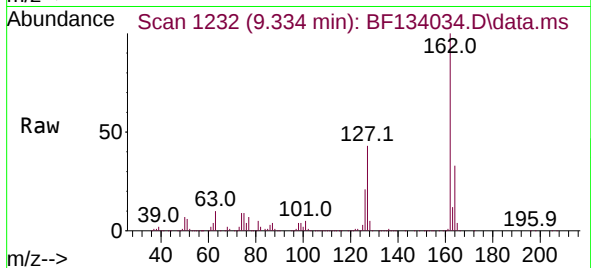
TP1MS

Tgt Ion:162 Resp: 59460
 Ion Ratio Lower Upper
 162 100
 127 43.3 32.9 49.3
 164 32.9 26.1 39.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#48

2-Nitroaniline

Concen: 44.084 ng

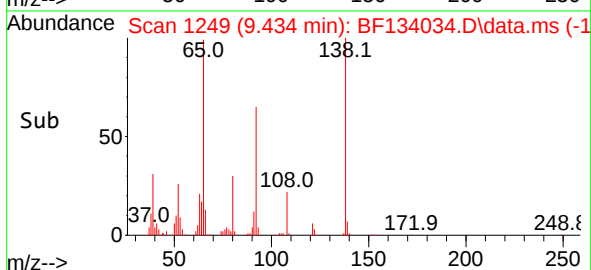
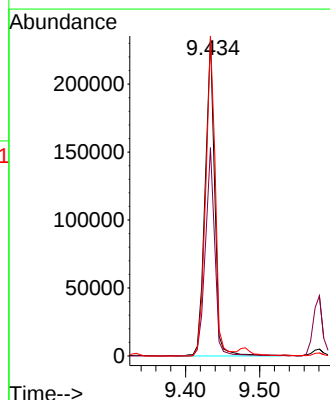
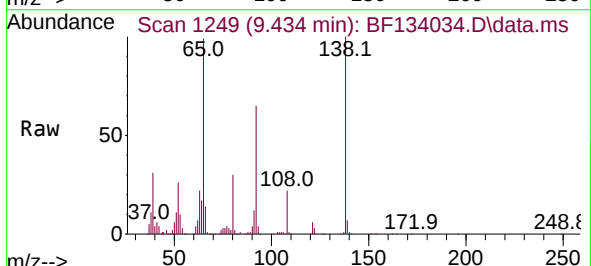
RT: 9.434 min Scan# 1249

Delta R.T. 0.001 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion: 65 Resp: 210168
 Ion Ratio Lower Upper
 65 100
 92 65.6 49.5 74.3
 138 100.7 78.0 117.0





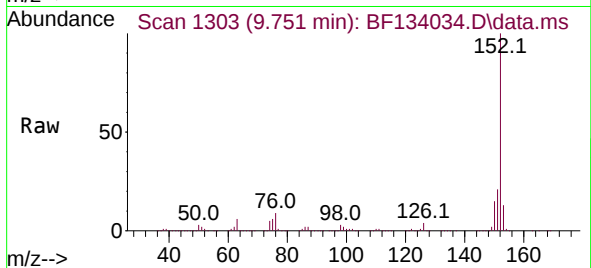
#49
Acenaphthylene
Concen: 44.086 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :

BNF_F

ClientSampleId :

TP1MS

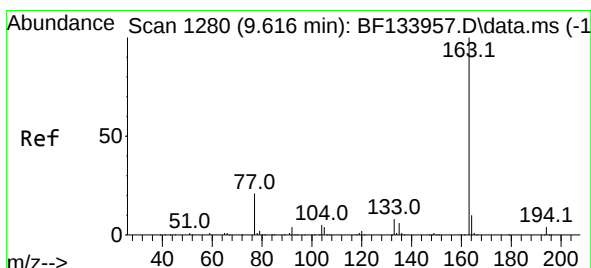
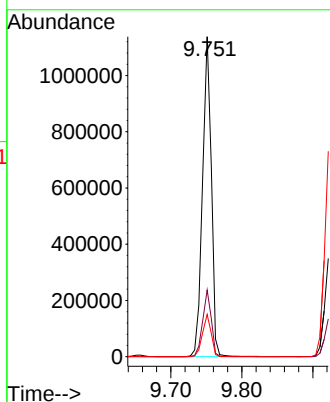
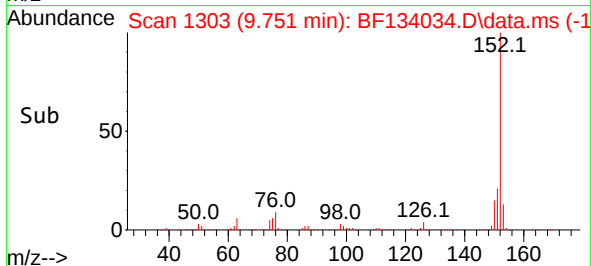


Tgt Ion:152 Resp: 98514
Ion Ratio Lower Upper
152 100
151 20.9 16.2 24.2
153 13.2 10.8 16.2

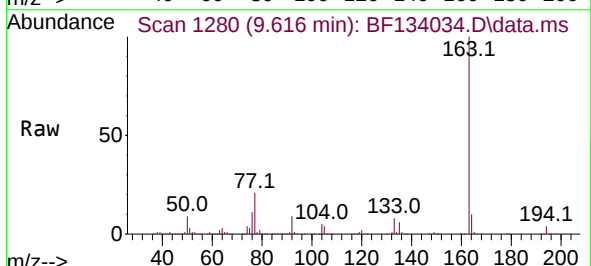
Manual Integrations

APPROVED

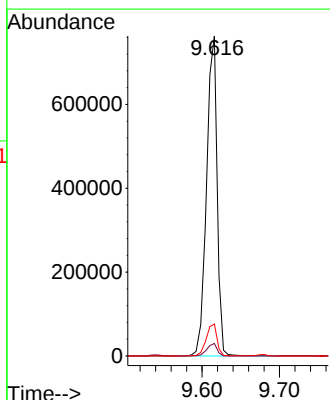
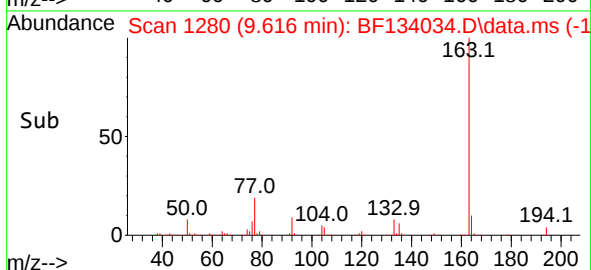
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

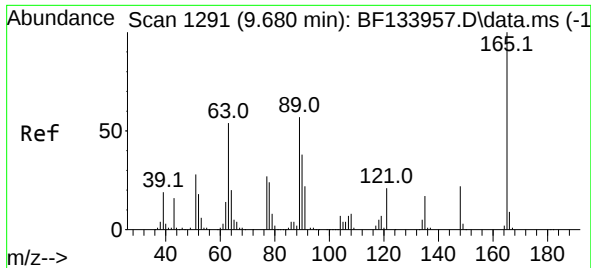


#50
Dimethylphthalate
Concen: 44.648 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



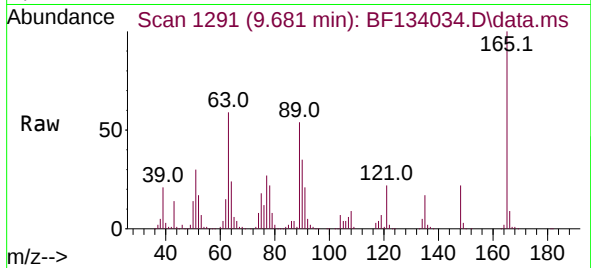
Tgt Ion:163 Resp: 722359
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.0 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 45.959 ng
RT: 9.681 min Scan# 1291
Delta R.T. 0.001 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

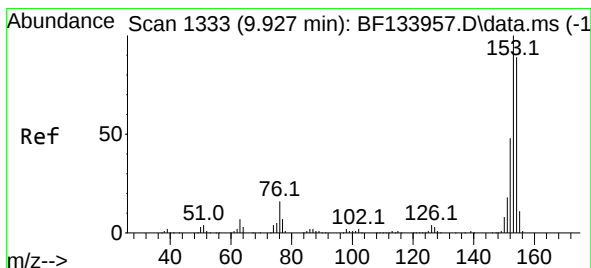
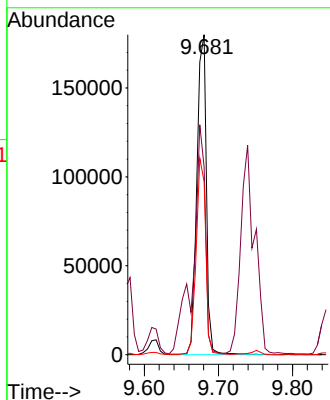
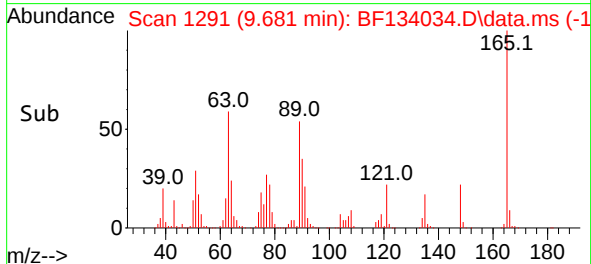
Instrument :
BNA_F
ClientSampleId :
TP1MS



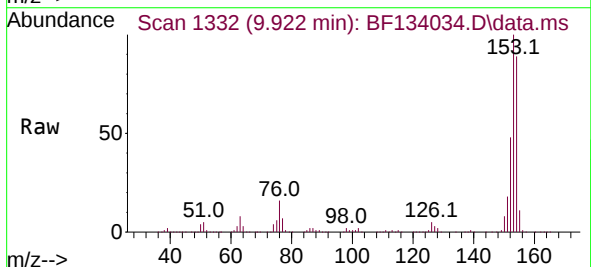
Tgt Ion:165 Resp: 16015
Ion Ratio Lower Upper
165 100
63 58.7 48.5 72.7
89 54.1 45.5 68.3

Manual Integrations
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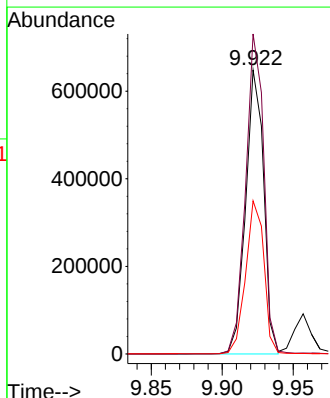
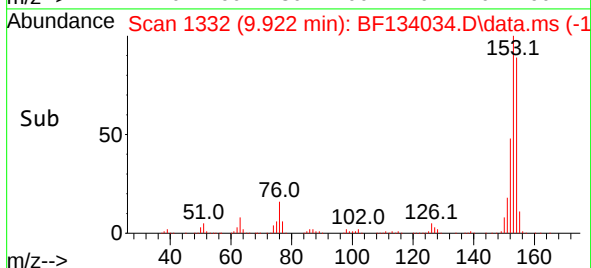
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

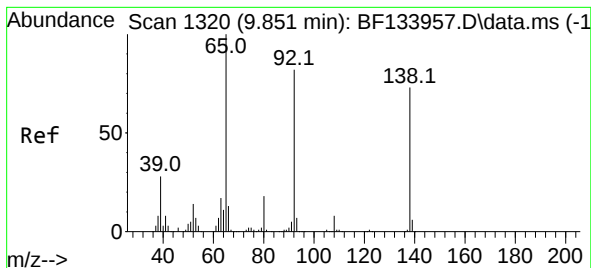


#52
Acenaphthene
Concen: 44.109 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion:154 Resp: 571936
Ion Ratio Lower Upper
154 100
153 112.7 89.4 134.2
152 53.9 42.8 64.2





#53

3-Nitroaniline

Concen: 23.984 ng

RT: 9.845 min Scan# 1319

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:138 Resp: 100260

Ion Ratio Lower Upper

138 100

108 12.0 8.4 12.6

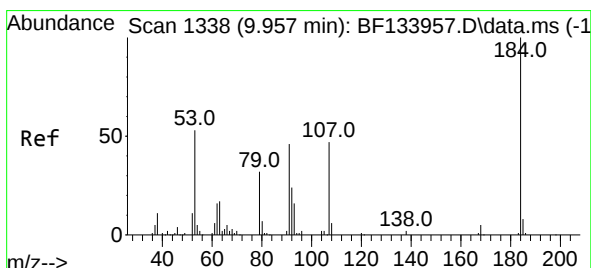
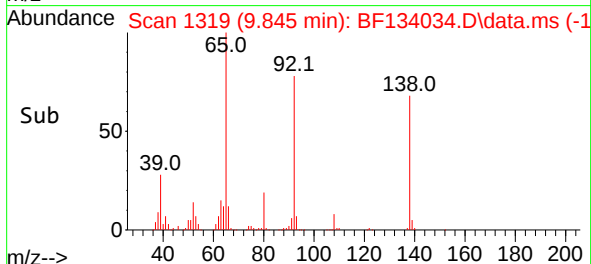
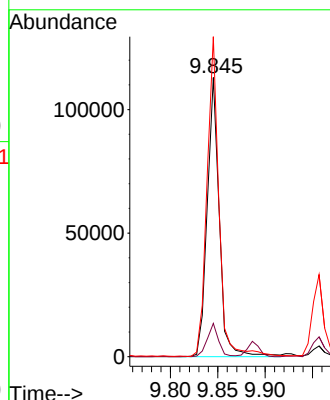
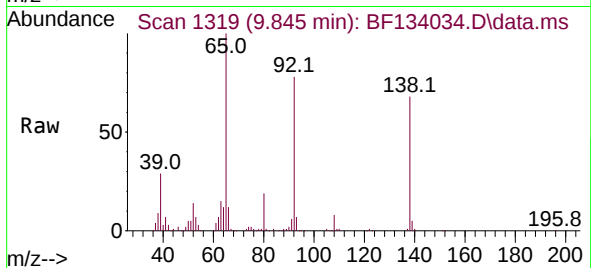
92 114.6 90.1 135.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#54

2,4-Dinitrophenol

Concen: 57.526 ng

RT: 9.957 min Scan# 1338

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

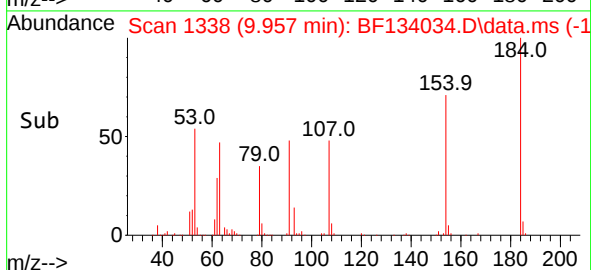
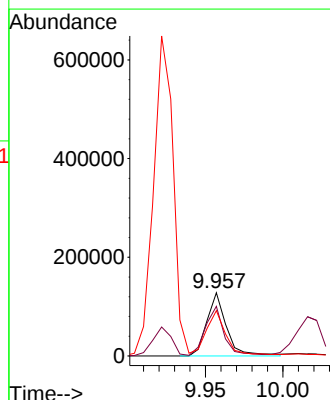
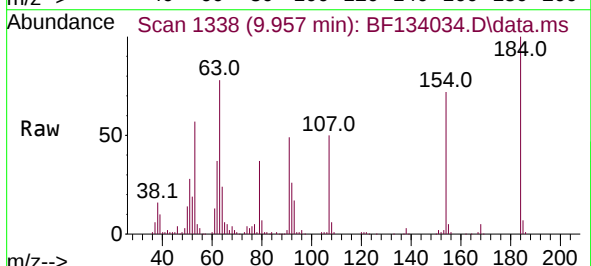
Tgt Ion:184 Resp: 113473

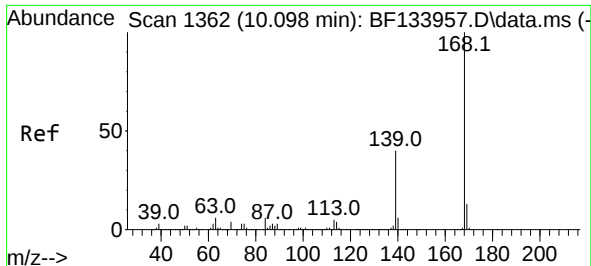
Ion Ratio Lower Upper

184 100

63 78.4 56.9 85.3

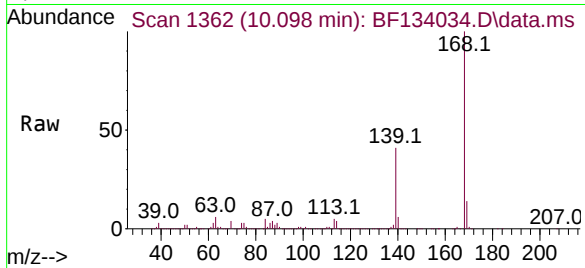
154 71.7 55.4 83.0





#55
Dibenzenofuran
Concen: 43.020 ng
RT: 10.098 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

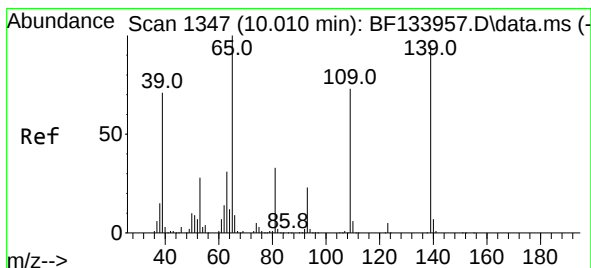
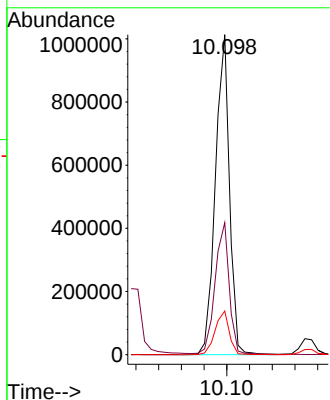
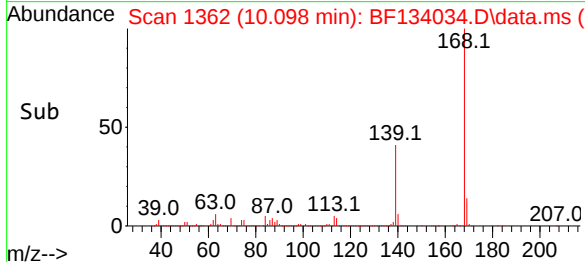
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion:168 Resp: 871785
Ion Ratio Lower Upper
168 100
139 41.2 32.0 48.0
169 13.6 10.6 16.0

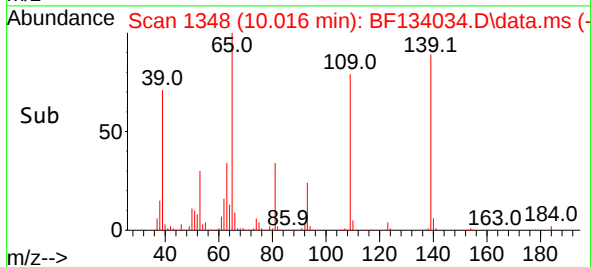
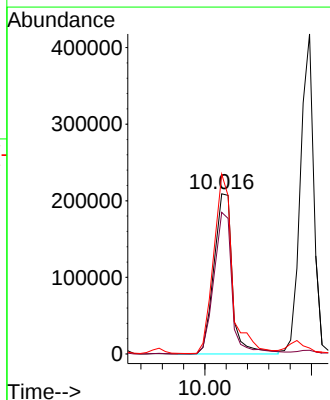
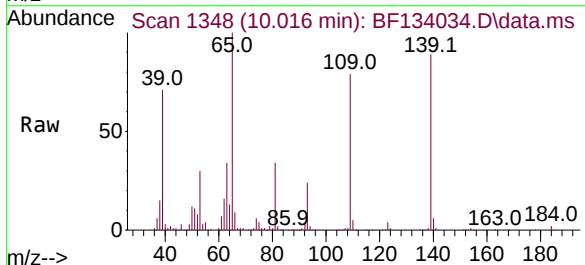
Manual Integrations
APPROVED

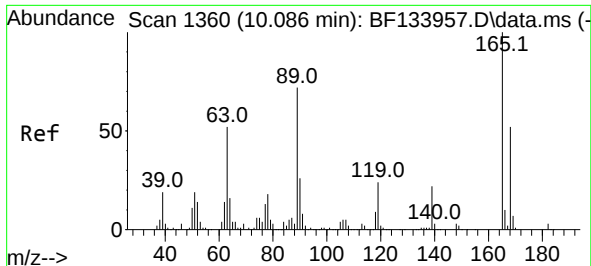
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#56
4-Nitrophenol
Concen: 85.767 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

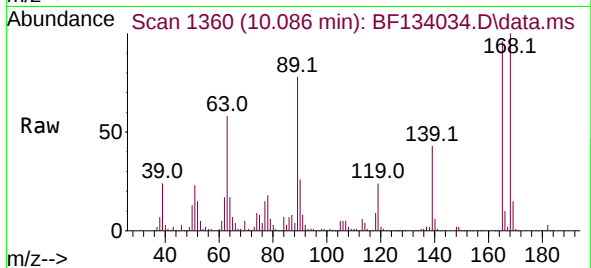
Tgt Ion:139 Resp: 250800
Ion Ratio Lower Upper
139 100
109 88.4 56.8 96.8
65 112.2 86.1 126.1





#57
2,4-Dinitrotoluene
Concen: 44.594 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

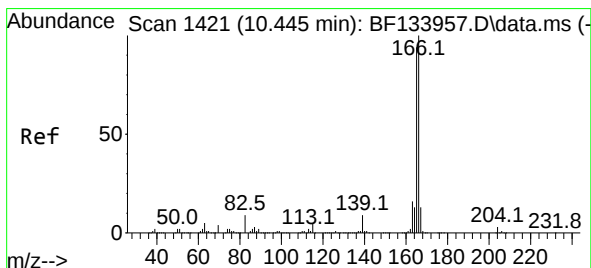
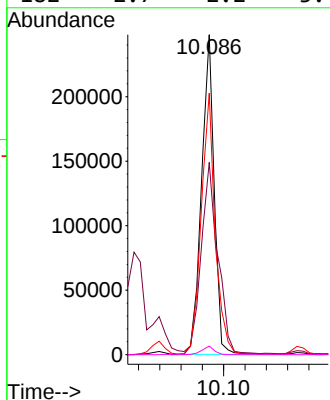
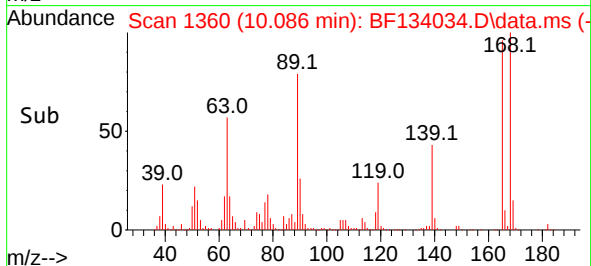
Instrument :
BNA_F
ClientSampleId :
TP1MS



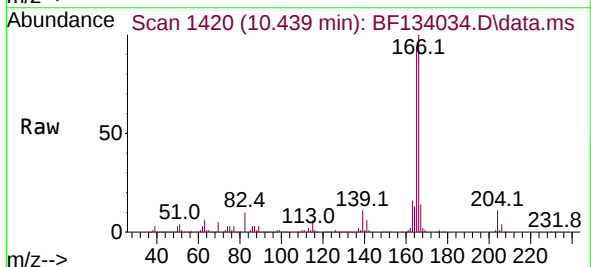
Tgt Ion:165 Resp: 205223
Ion Ratio Lower Upper
165 100
63 60.1 42.2 63.2
89 81.7 57.4 86.2
182 2.7 2.2 3.4

Manual Integrations
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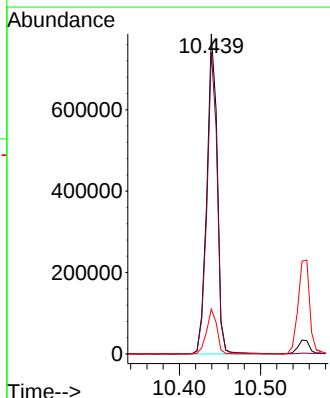
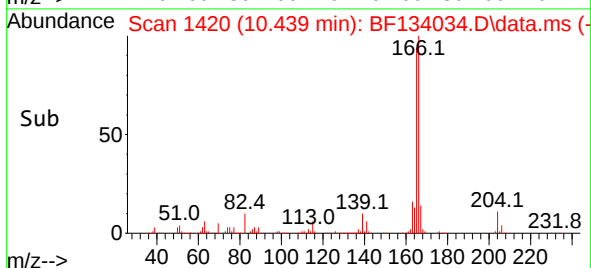
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

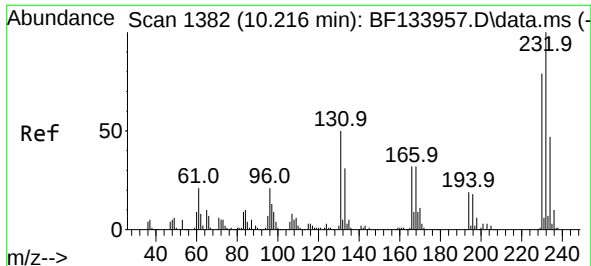


#58
Fluorene
Concen: 43.904 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



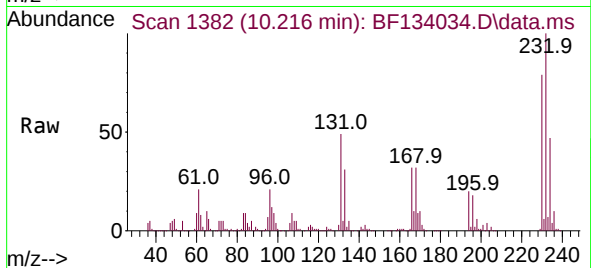
Tgt Ion:166 Resp: 692168
Ion Ratio Lower Upper
166 100
165 94.3 75.0 112.4
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 45.154 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

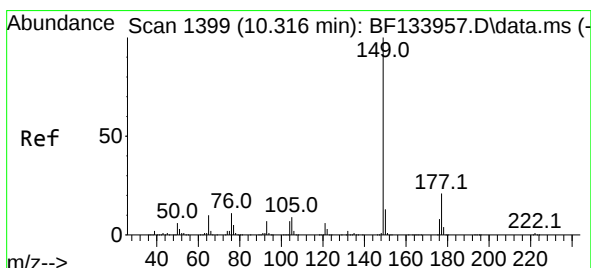
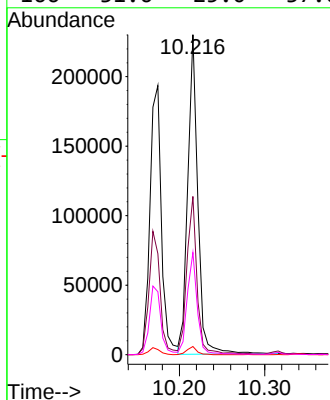
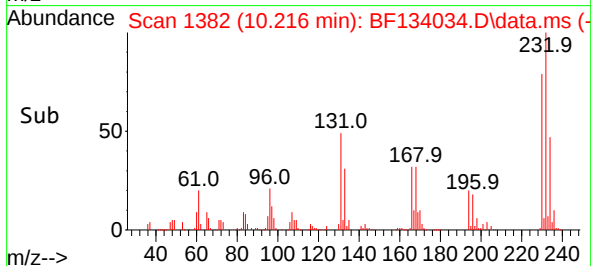
Instrument :
BNA_F
ClientSampleId :
TP1MS



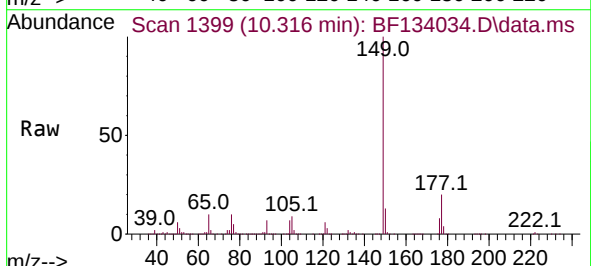
Tgt Ion:232 Resp: 188328
Ion Ratio Lower Upper
232 100
131 49.5 39.3 58.9
130 2.6 1.8 2.6
166 31.6 25.0 37.6

Manual Integrations
APPROVED

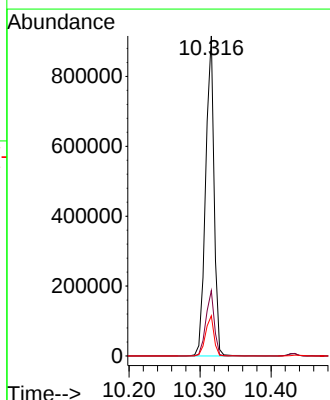
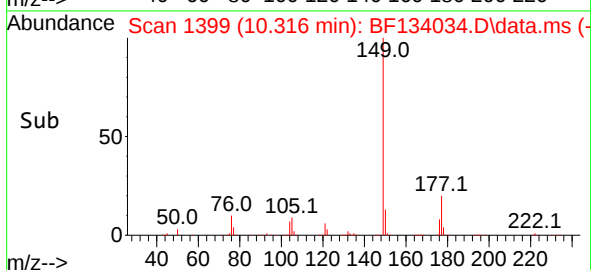
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

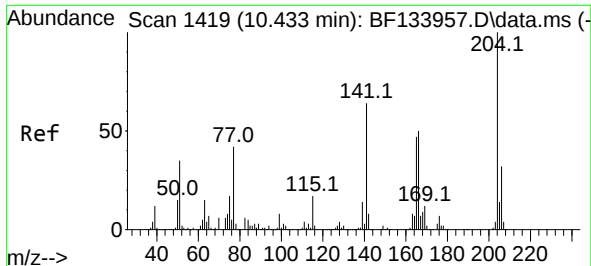


#60
Diethylphthalate
Concen: 45.048 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



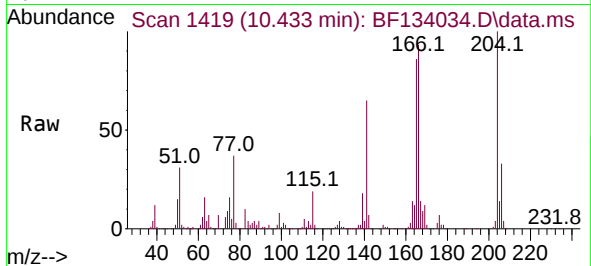
Tgt Ion:149 Resp: 759337
Ion Ratio Lower Upper
149 100
177 20.4 17.0 25.6
150 12.6 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 43.527 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

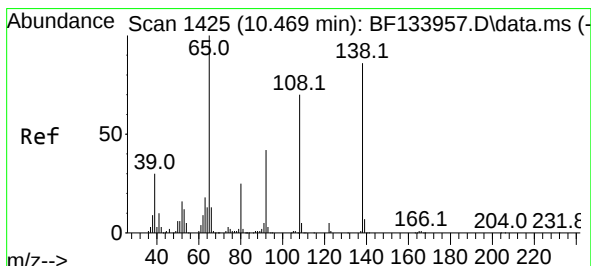
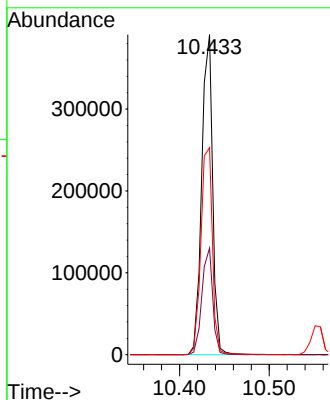
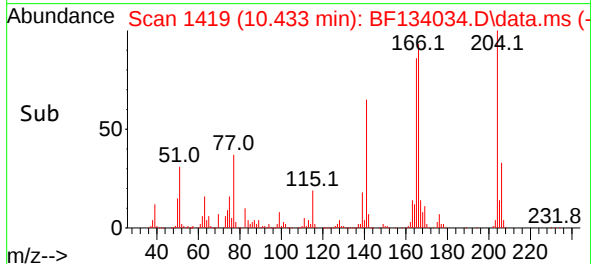
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion:204 Resp: 33070
Ion Ratio Lower Upper
204 100
206 33.3 25.8 38.6
141 64.7 51.5 77.3

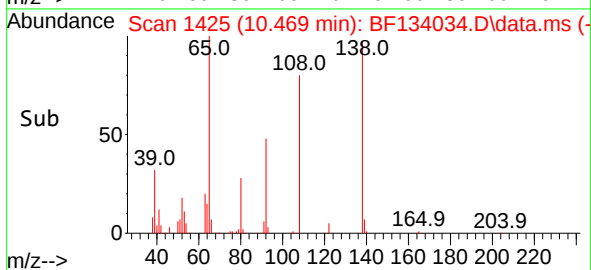
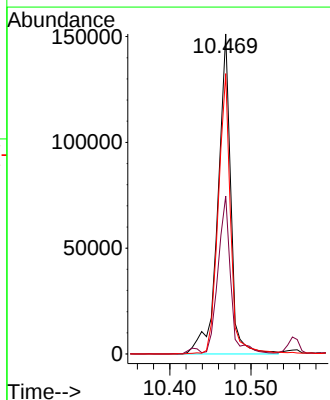
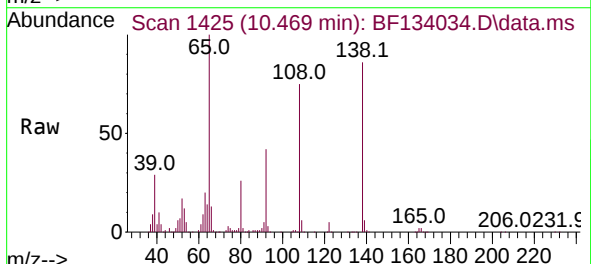
Manual Integrations
APPROVED

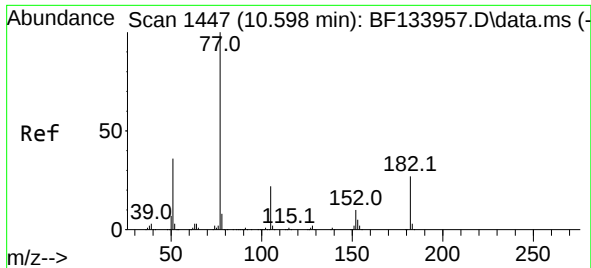
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#62
4-Nitroaniline
Concen: 39.788 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

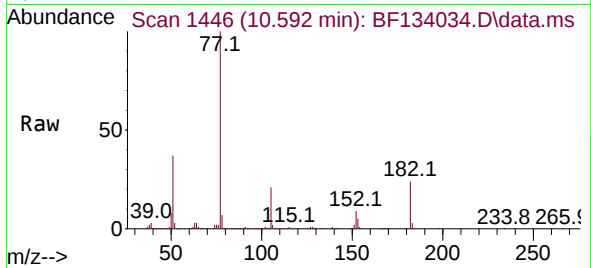
Tgt Ion:138 Resp: 167632
Ion Ratio Lower Upper
138 100
92 49.4 29.7 69.7
108 87.6 62.1 102.1





#63
Azobenzene
Concen: 48.132 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

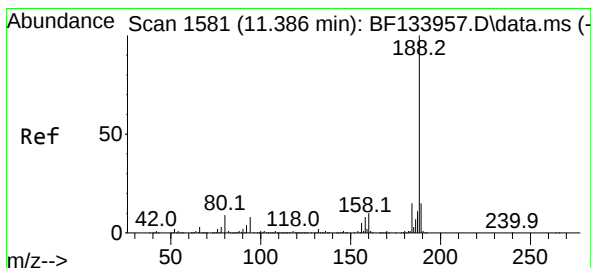
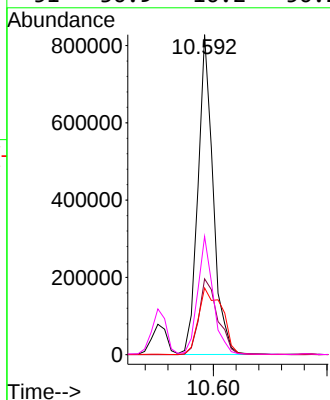
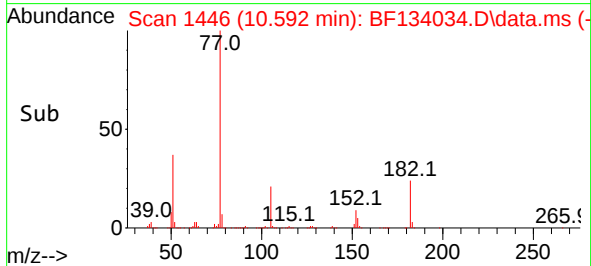
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion: 77 Resp: 76743
Ion Ratio Lower Upper
77 100
182 23.7 6.8 46.8
105 20.9 2.3 42.3
51 36.9 16.2 56.2

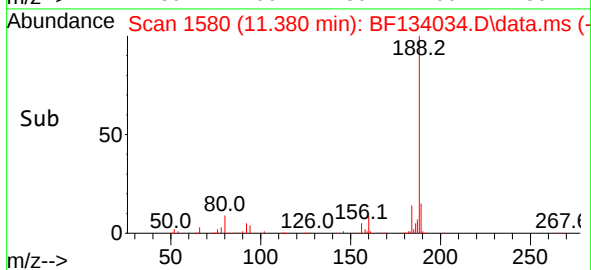
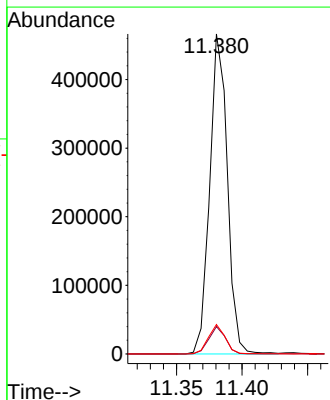
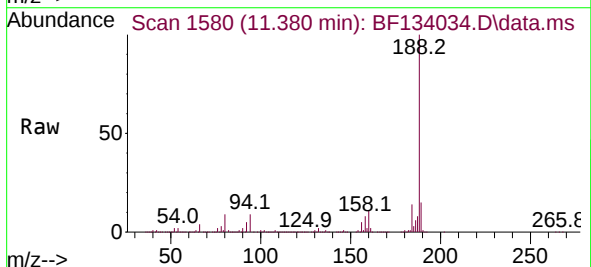
Manual Integrations
APPROVED

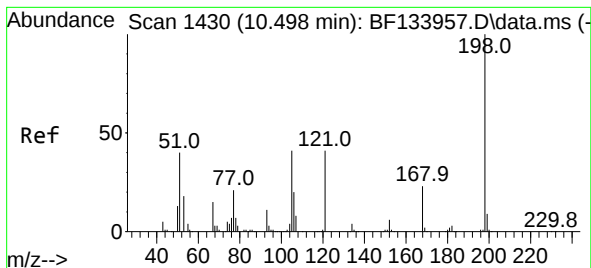
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion:188 Resp: 436017
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.2 7.3 10.9





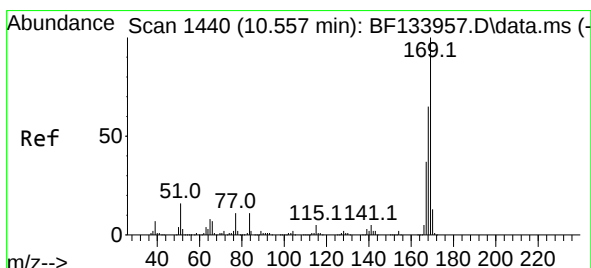
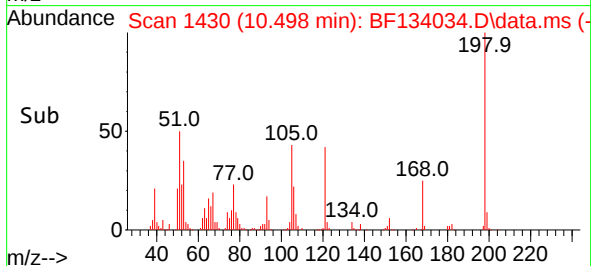
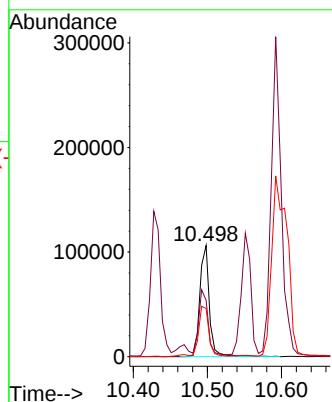
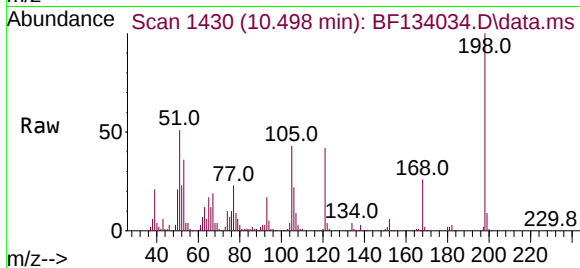
#65
4,6-Dinitro-2-methylphenol
Concen: 39.687 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :
BNA_F
ClientSampleId :
TP1MS

Tgt Ion:198 Resp: 9434
Ion Ratio Lower Upper
198 100
51 50.6 29.3 69.3
105 43.3 22.4 62.4

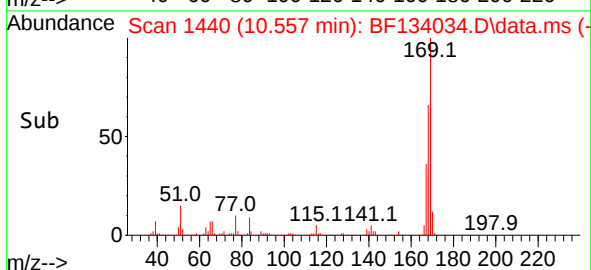
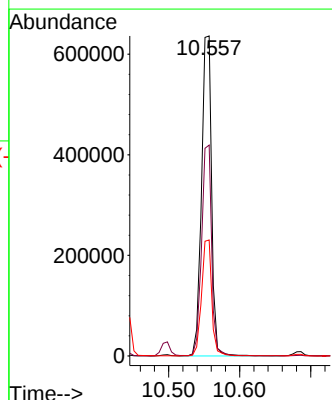
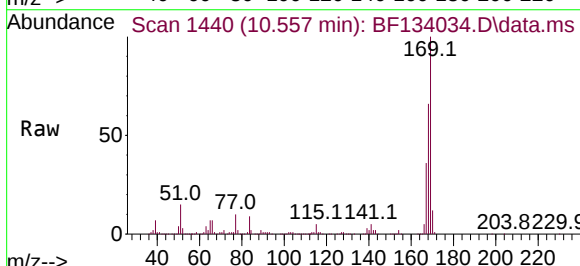
Manual Integrations
APPROVED

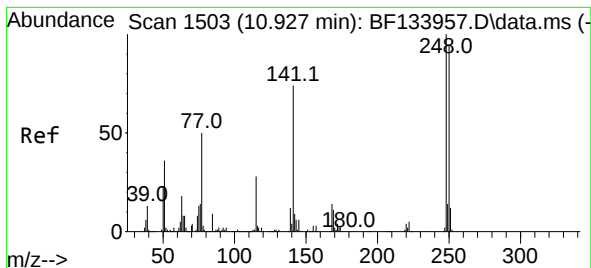
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#66
n-Nitrosodiphenylamine
Concen: 45.114 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

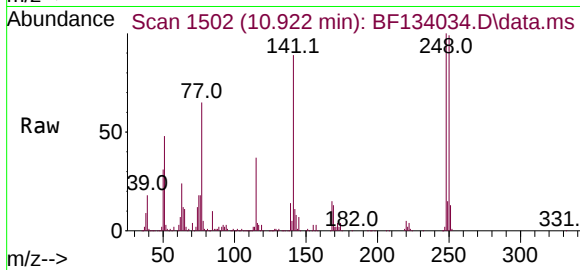
Tgt Ion:169 Resp: 628475
Ion Ratio Lower Upper
169 100
168 65.9 52.3 78.5
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 45.229 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

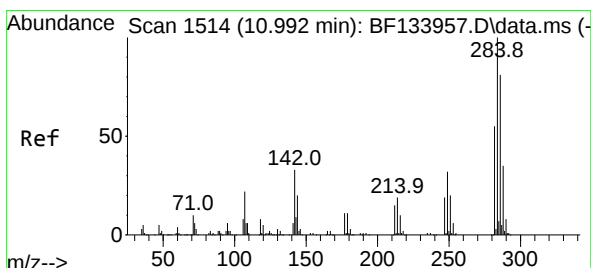
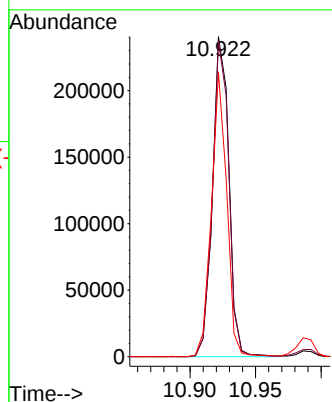
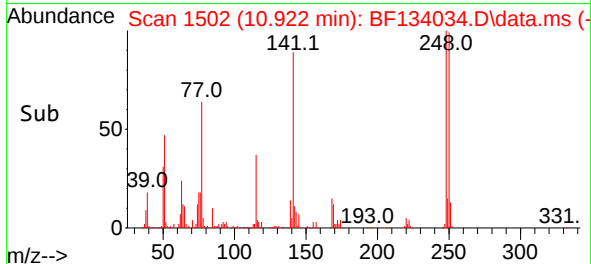
Instrument :
BNA_F
ClientSampleId :
TP1MS



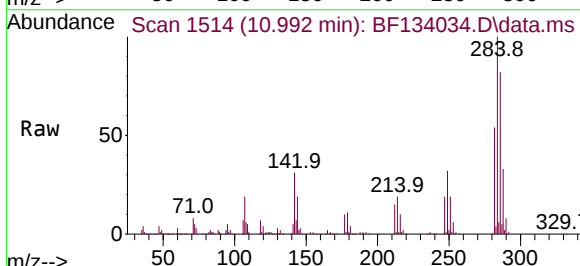
Tgt Ion:248 Resp: 209600
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 89.0 59.0 88.4

Manual Integrations
APPROVED

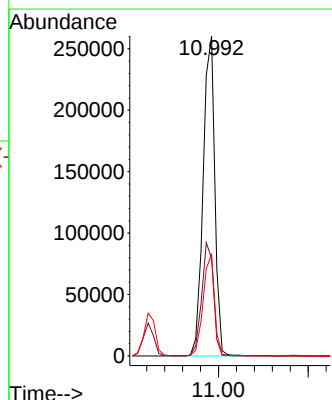
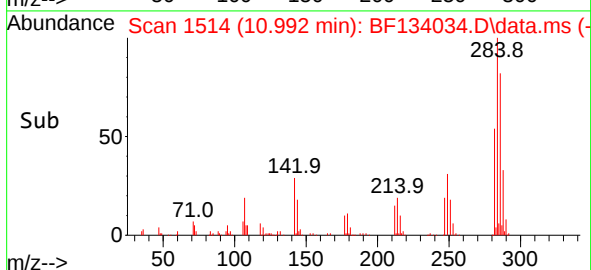
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

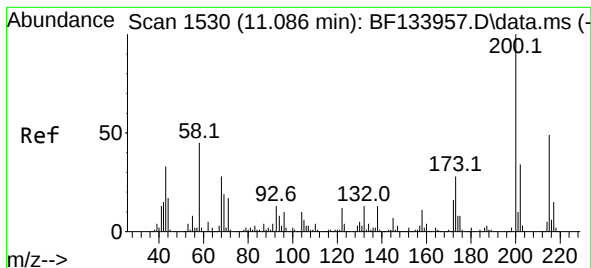


#68
Hexachlorobenzene
Concen: 47.907 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion:284 Resp: 235732
Ion Ratio Lower Upper
284 100
142 30.6 26.6 40.0
249 31.7 25.5 38.3





#69

Atrazine

Concen: 52.726 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

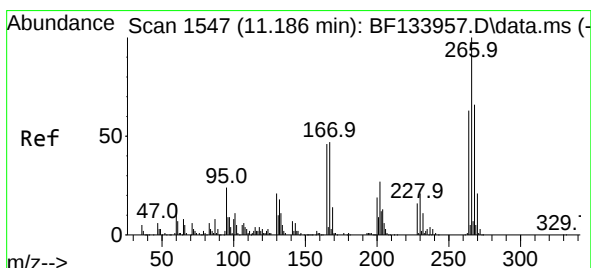
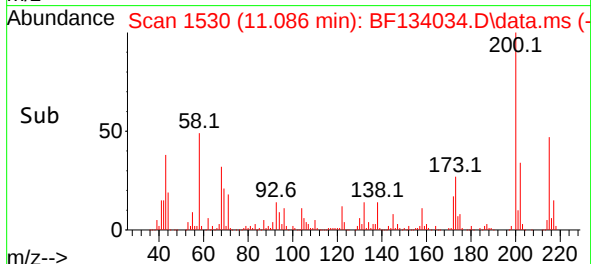
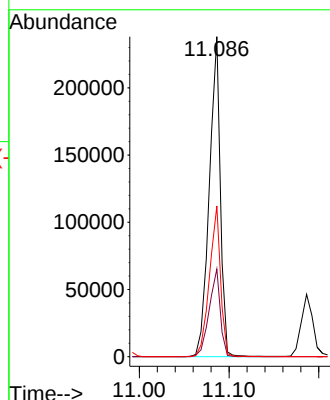
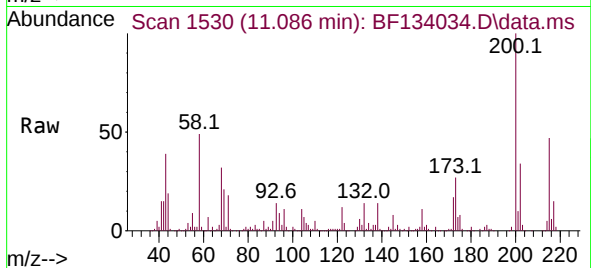
TP1MS

Tgt Ion:200 Resp: 203172
 Ion Ratio Lower Upper
 200 100
 173 27.4 8.0 48.0
 215 47.1 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023



#70

Pentachlorophenol

Concen: 76.102 ng

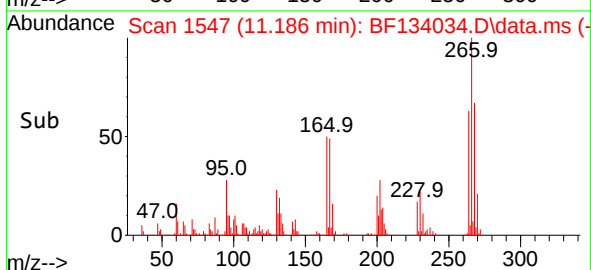
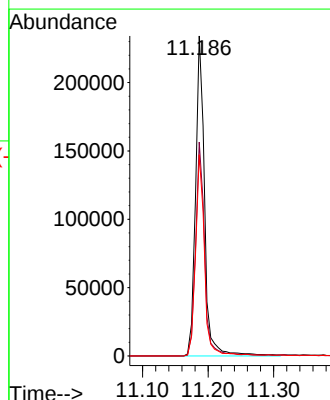
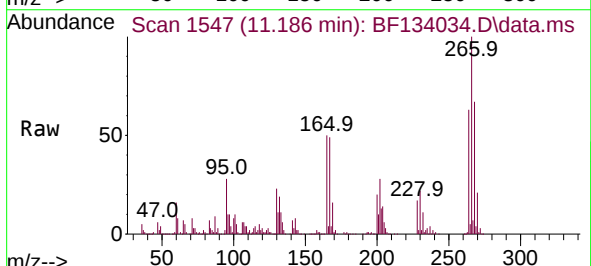
RT: 11.186 min Scan# 1547

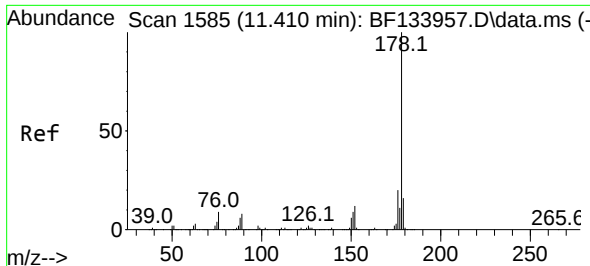
Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion:266 Resp: 223900
 Ion Ratio Lower Upper
 266 100
 268 66.9 52.6 79.0
 264 62.9 50.6 76.0





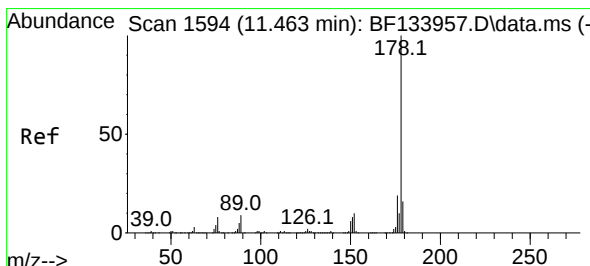
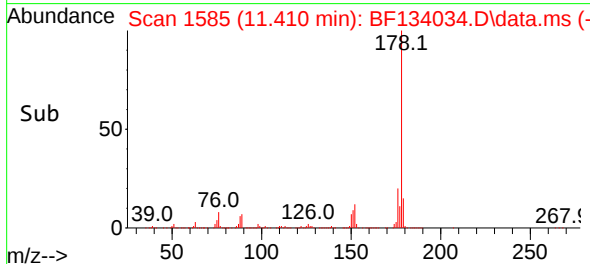
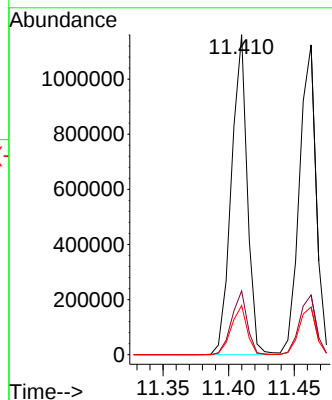
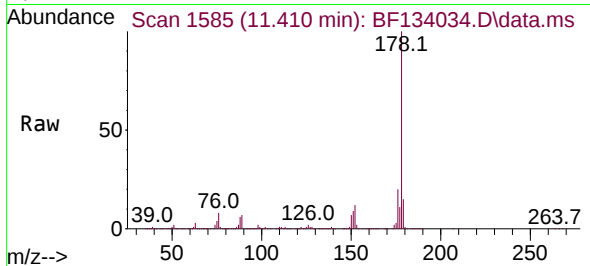
#71
Phenanthrene
Concen: 44.611 ng
RT: 11.410 min Scan# 1585
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Instrument :
BNA_F
ClientSampleId :
TP1MS

Tgt Ion:178 Resp: 979204
Ion Ratio Lower Upper
178 100
176 19.9 16.0 24.0
179 15.4 12.4 18.6

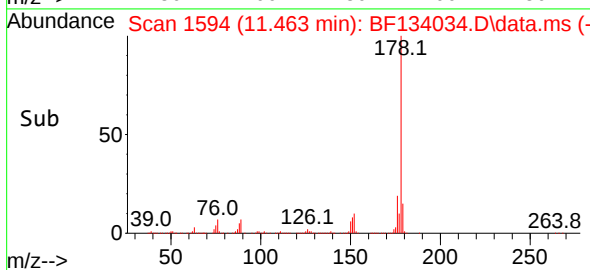
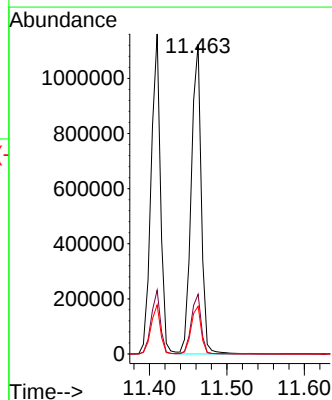
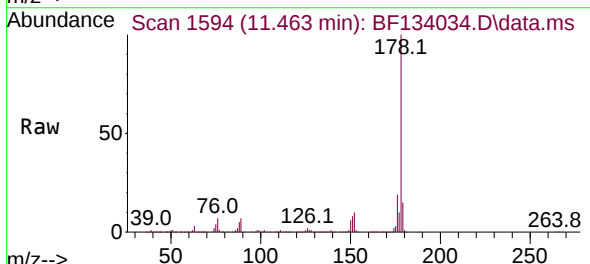
Manual Integrations
APPROVED

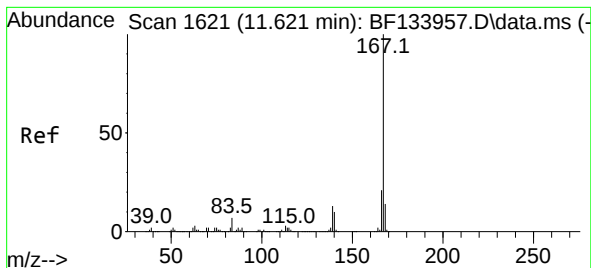
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#72
Anthracene
Concen: 44.075 ng
RT: 11.463 min Scan# 1594
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion:178 Resp: 1006246
Ion Ratio Lower Upper
178 100
176 19.3 15.3 22.9
179 15.4 12.4 18.6





#73

Carbazole

Concen: 43.826 ng

RT: 11.616 min Scan# 1620

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:167 Resp: 91581

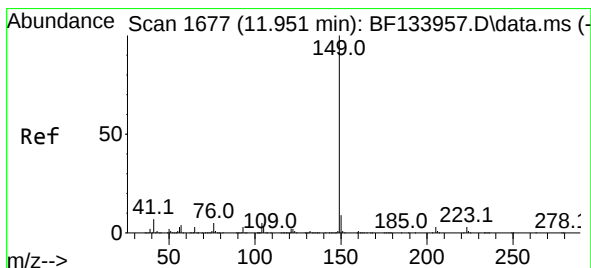
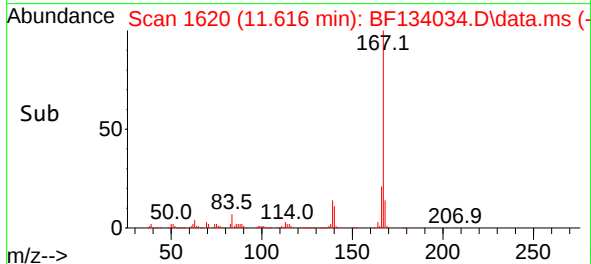
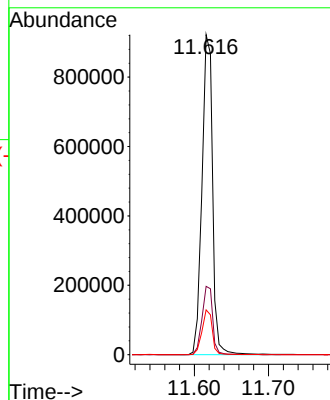
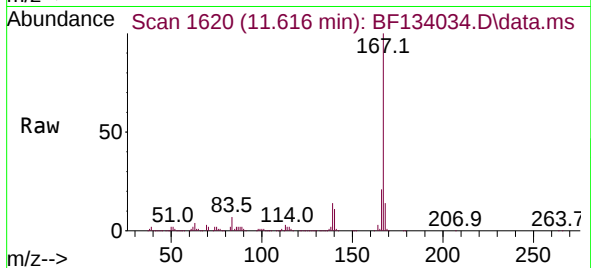
Ion	Ratio	Lower	Upper
167	100		
166	21.4	17.0	25.6
139	14.0	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#74

Di-n-butylphthalate

Concen: 46.134 ng

RT: 11.945 min Scan# 1676

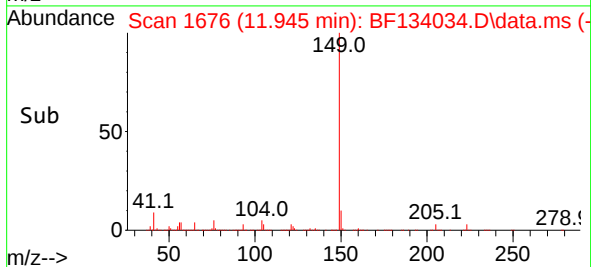
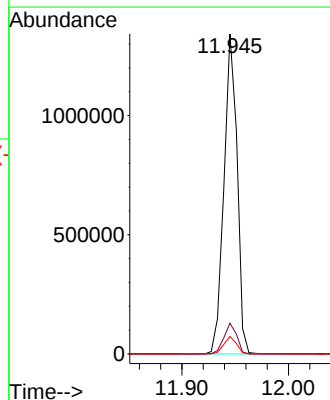
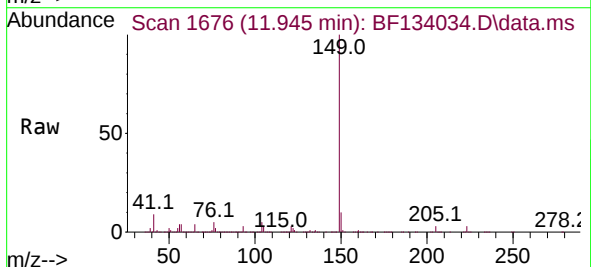
Delta R.T. -0.006 min

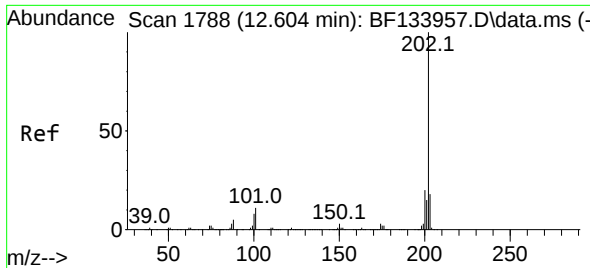
Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion:149 Resp: 1146442

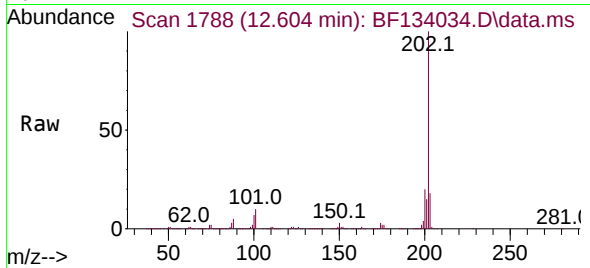
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.1	10.7
104	5.4	4.0	6.0





#75
Fluoranthene
Concen: 42.421 ng
RT: 12.604 min Scan# 1788
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

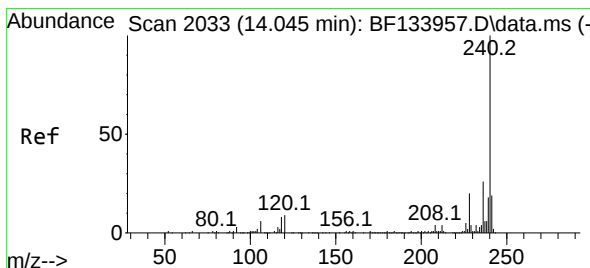
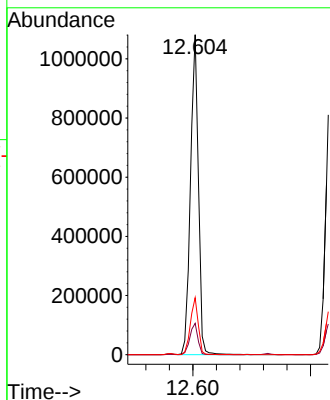
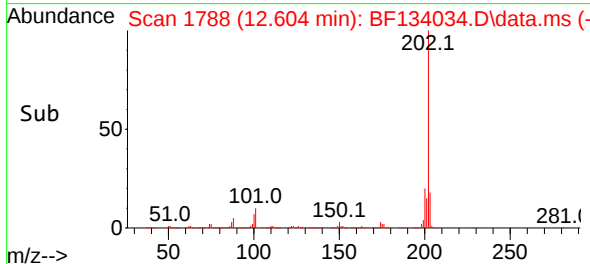
Instrument :
BNA_F
ClientSampleId :
TP1MS



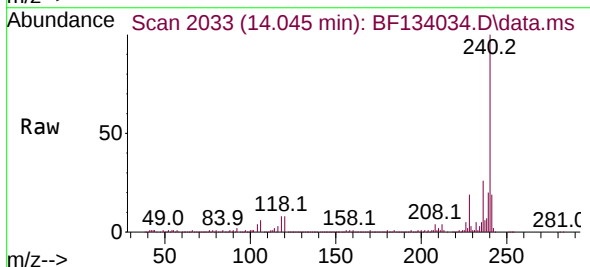
Tgt Ion:202 Resp: 1006639
Ion Ratio Lower Upper
202 100
101 9.8 0.0 31.0
203 17.8 0.0 37.6

Manual Integrations
APPROVED

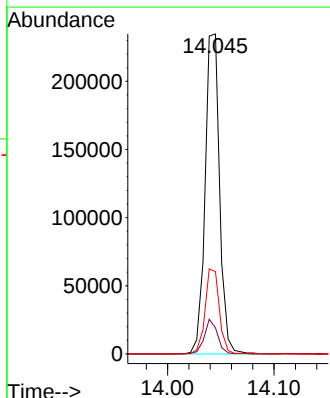
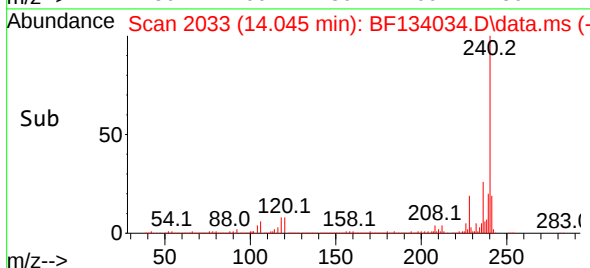
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

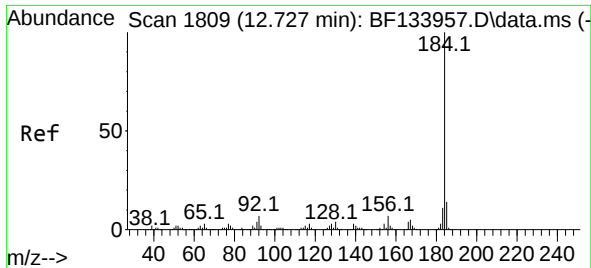


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



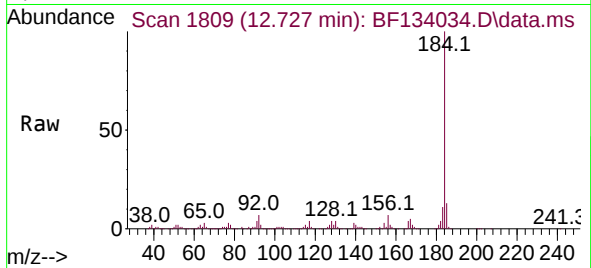
Tgt Ion:240 Resp: 222604
Ion Ratio Lower Upper
240 100
120 8.1 7.4 11.0
236 25.8 21.0 31.6





#77
Benzidine
Concen: 72.093 ng
RT: 12.727 min Scan# 1809
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

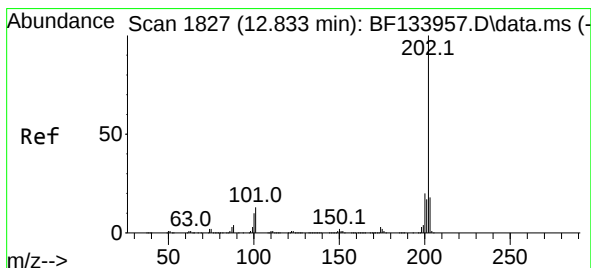
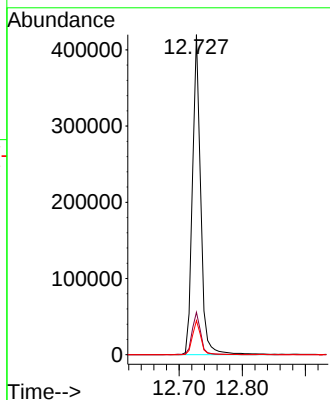
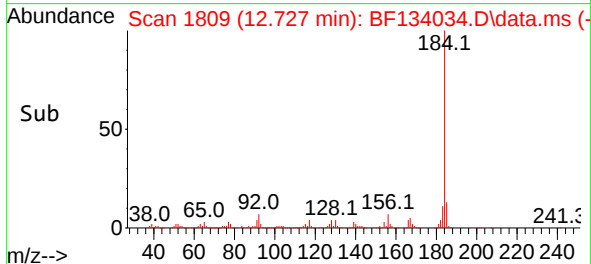
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion:184 Resp: 38185
Ion Ratio Lower Upper
184 100
185 13.3 11.6 17.4
183 10.6 8.8 13.2

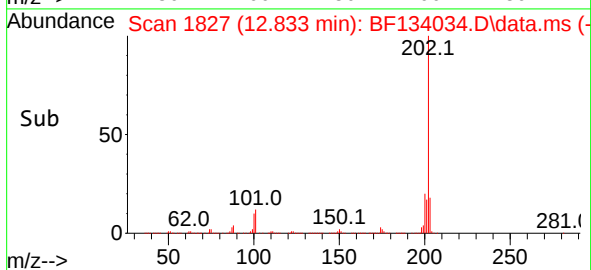
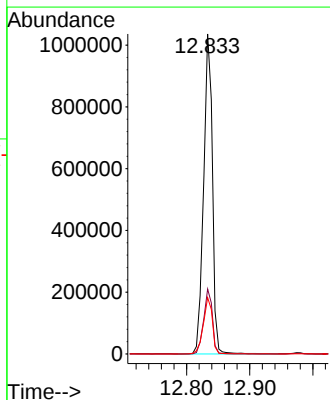
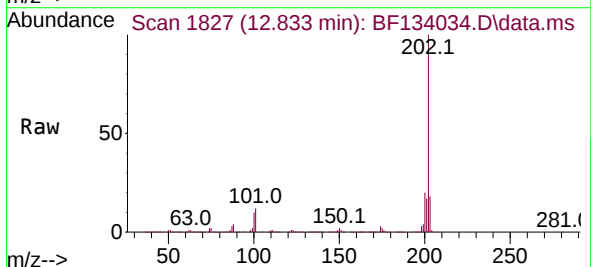
Manual Integrations
APPROVED

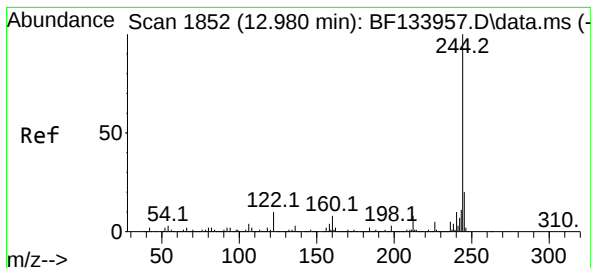
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#78
Pyrene
Concen: 48.341 ng
RT: 12.833 min Scan# 1827
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

Tgt Ion:202 Resp: 1001454
Ion Ratio Lower Upper
202 100
200 20.3 16.1 24.1
203 17.6 14.3 21.5





#79

Terphenyl-d14

Concen: 79.483 ng

RT: 12.980 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:244 Resp: 109935

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

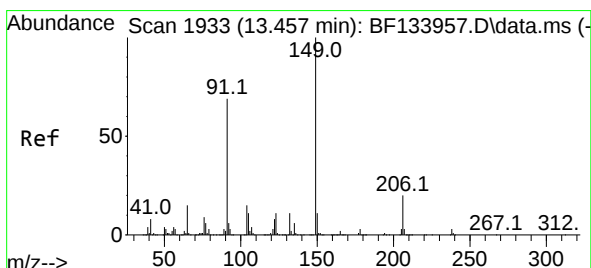
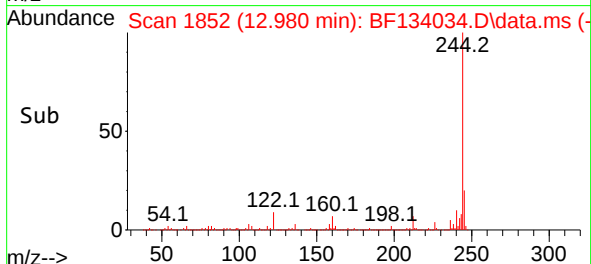
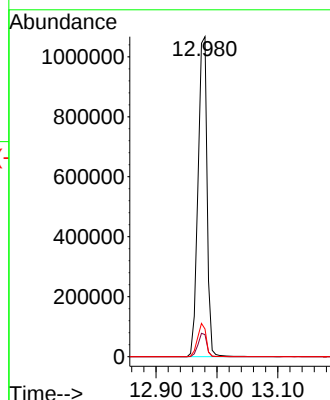
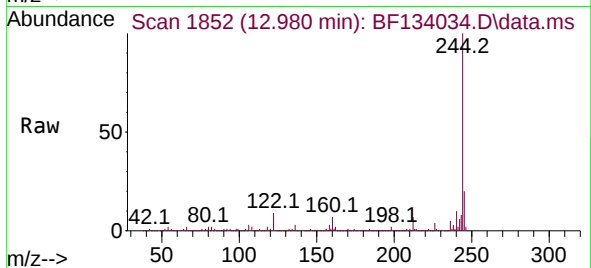
122 8.6 8.3 12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#80

Butylbenzylphthalate

Concen: 49.746 ng

RT: 13.457 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

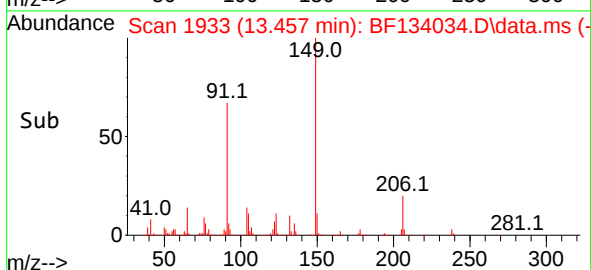
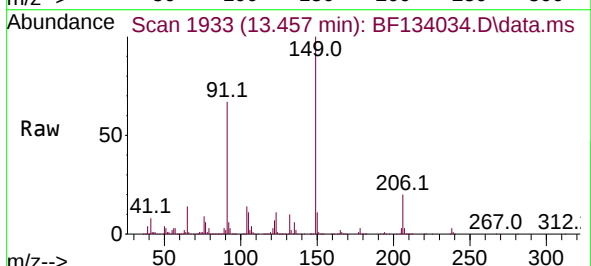
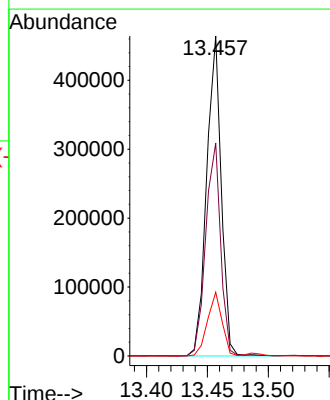
Tgt Ion:149 Resp: 386506

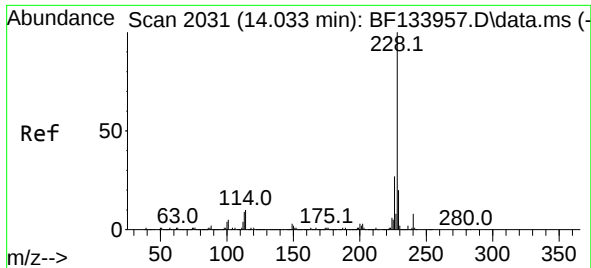
Ion Ratio Lower Upper

149 100

91 66.6 55.1 82.7

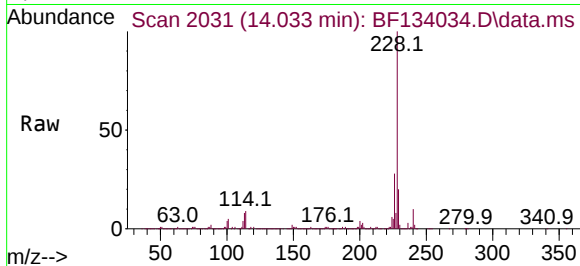
206 19.9 15.7 23.5





#81
Benzo(a)anthracene
Concen: 44.885 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

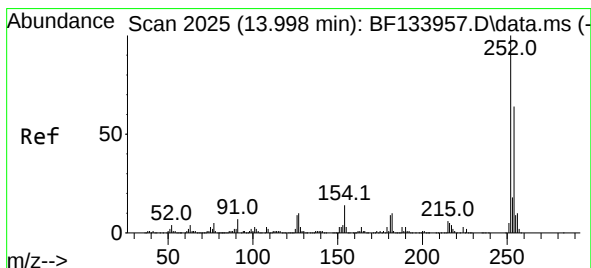
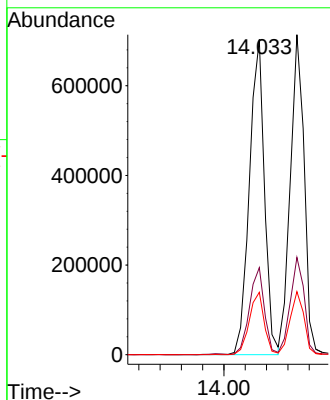
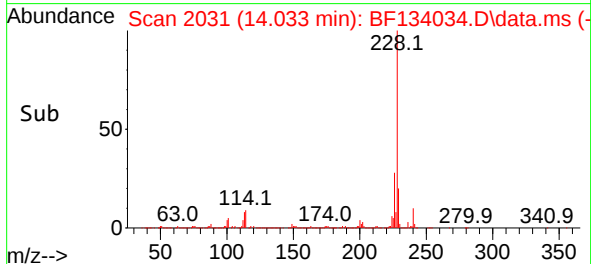
Instrument :
BNA_F
ClientSampleId :
TP1MS



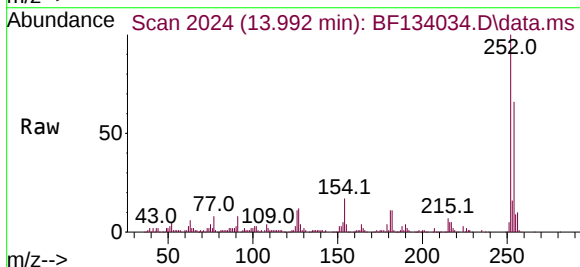
Tgt Ion:228 Resp: 692934
Ion Ratio Lower Upper
228 100
226 27.6 22.0 33.0
229 19.8 16.3 24.5

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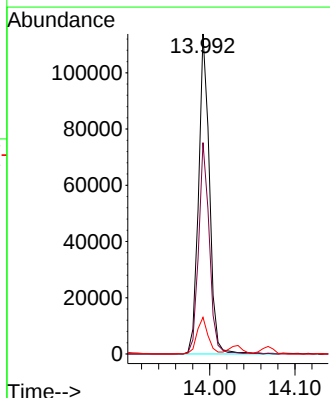
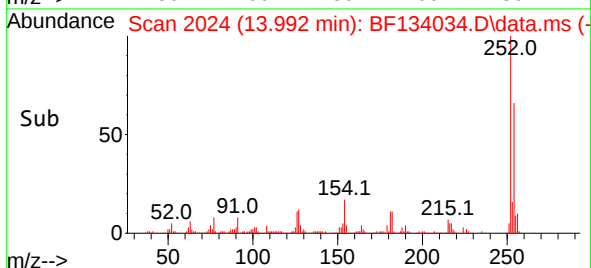
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#82
3,3'-Dichlorobenzidine
Concen: 20.660 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion:252 Resp: 101051
Ion Ratio Lower Upper
252 100
254 66.0 51.4 77.0
126 11.4 7.4 11.2#





#83

Chrysene

Concen: 43.437 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:228 Resp: 649508

Ion Ratio Lower Upper

228 100

226 30.4 24.4 36.6

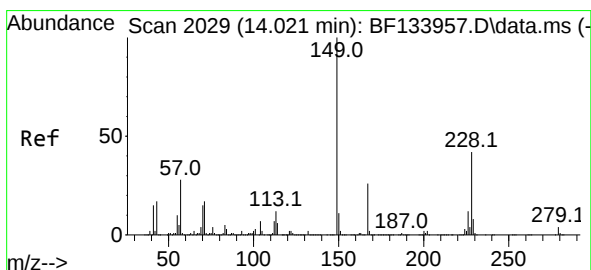
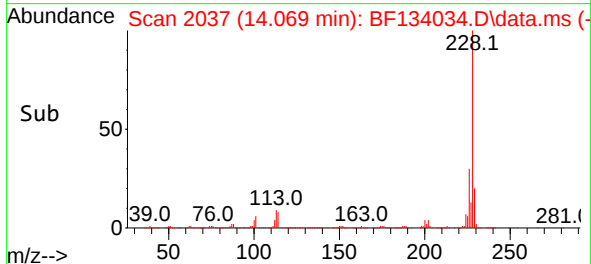
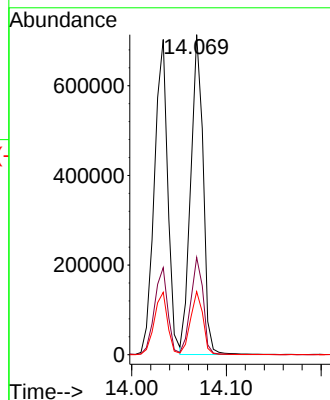
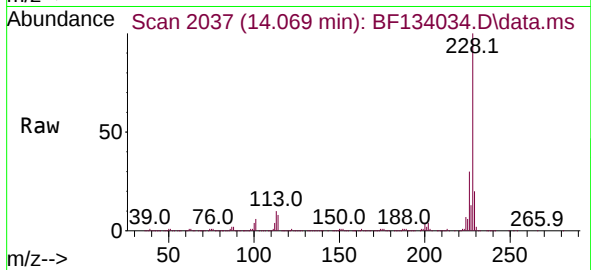
229 19.7 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.151 ng

RT: 14.016 min Scan# 2028

Delta R.T. -0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

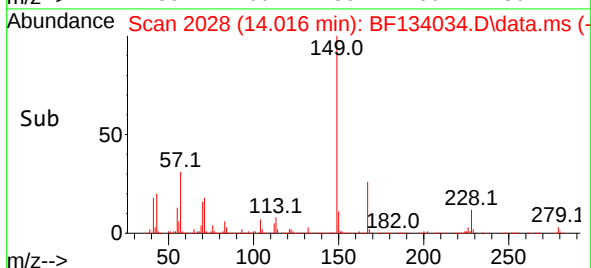
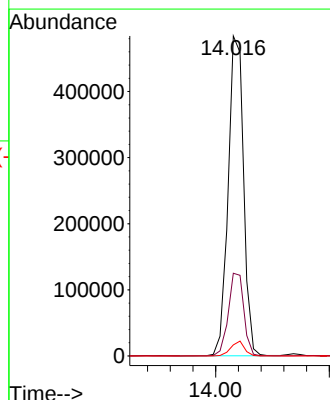
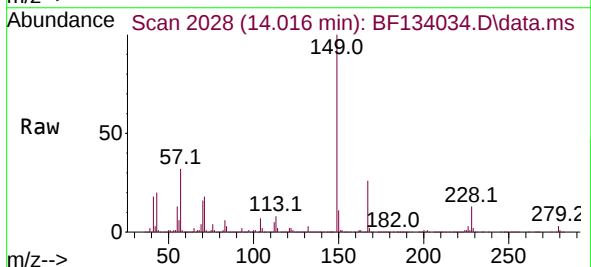
Tgt Ion:149 Resp: 456660

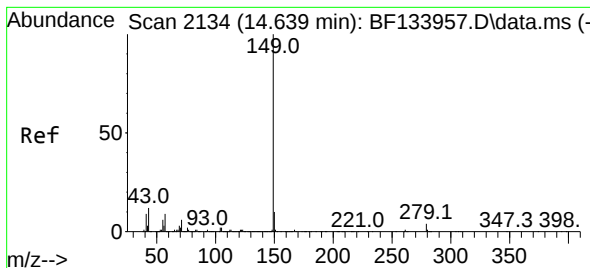
Ion Ratio Lower Upper

149 100

167 25.8 21.0 31.4

279 3.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 54.652 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:149 Resp: 716935

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

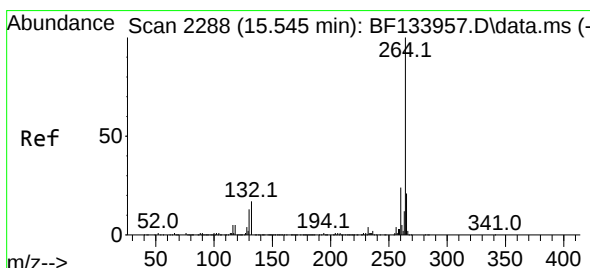
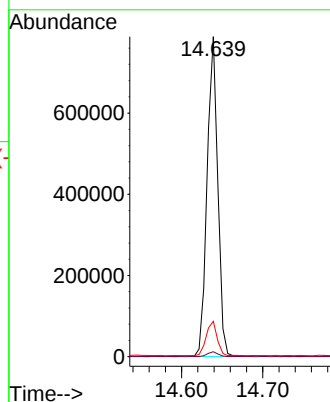
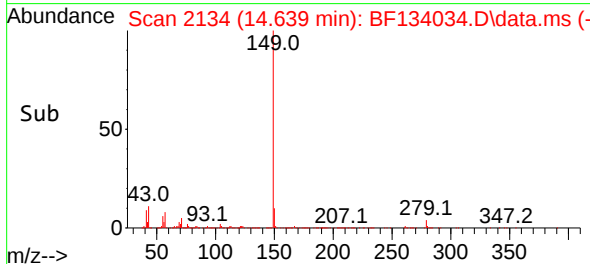
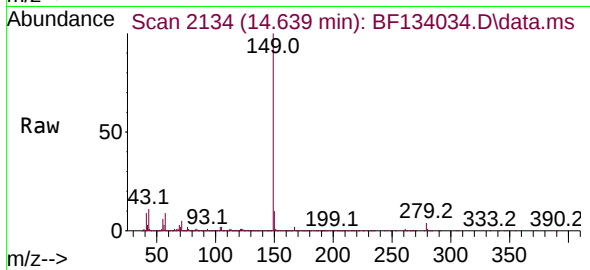
43 10.9 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2288

Delta R.T. 0.000 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

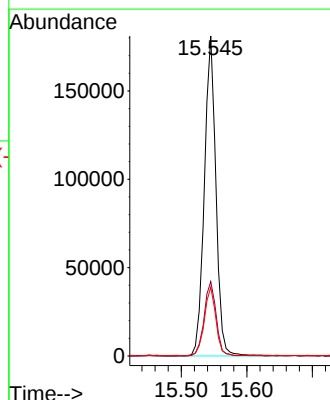
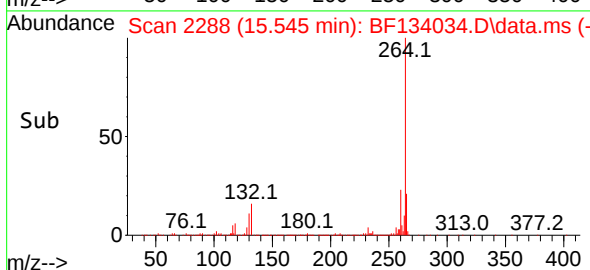
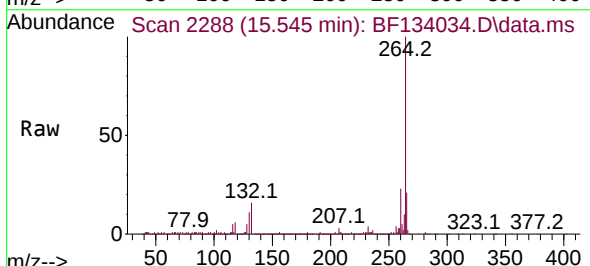
Tgt Ion:264 Resp: 222735

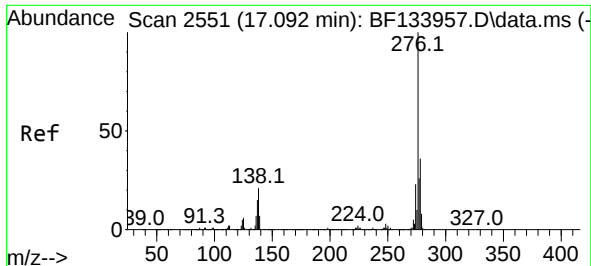
Ion Ratio Lower Upper

264 100

260 23.3 19.5 29.3

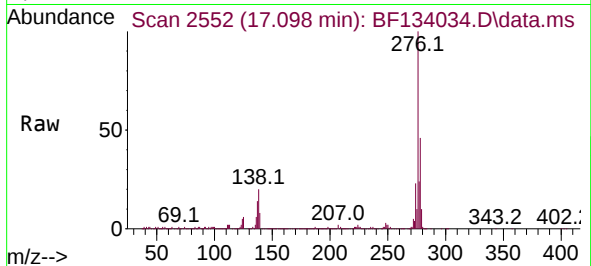
265 21.5 16.6 25.0





#87
Indeno(1,2,3-cd)pyrene
Concen: 48.105 ng
RT: 17.098 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

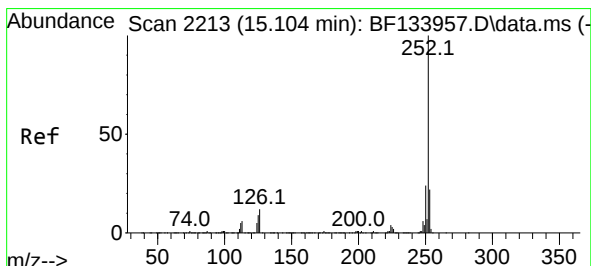
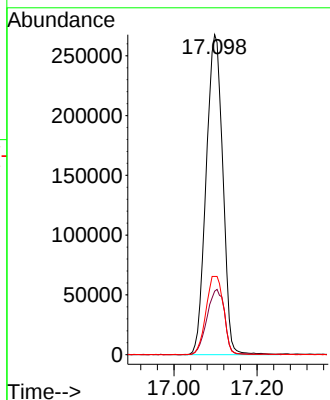
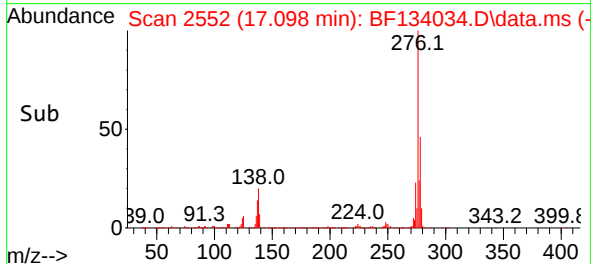
Instrument :
BNA_F
ClientSampleId :
TP1MS



Tgt Ion:276 Resp: 743494
Ion Ratio Lower Upper
276 100
138 21.7 18.7 28.1
277 25.8 19.9 29.9

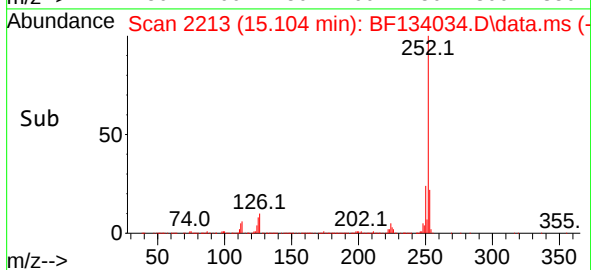
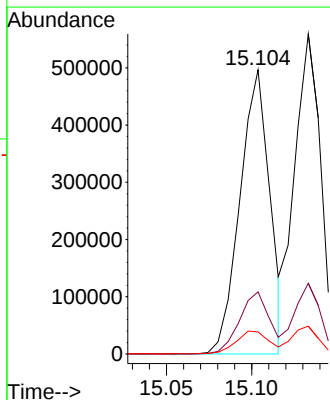
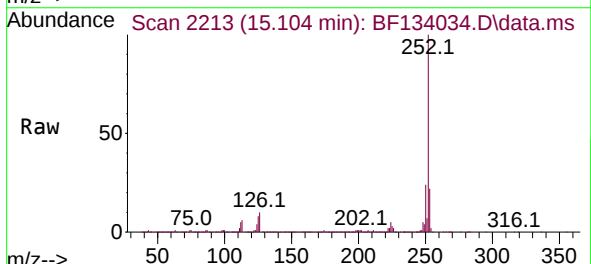
Manual Integrations
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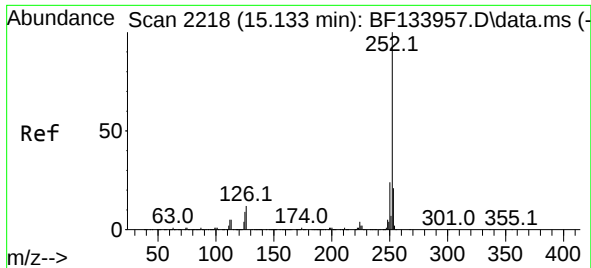
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#88
Benzo(b)fluoranthene
Concen: 46.174 ng
RT: 15.104 min Scan# 2213
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

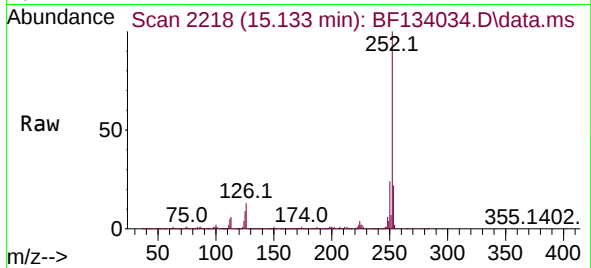
Tgt Ion:252 Resp: 604746
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 7.8 7.1 10.7





#89
Benzo(k)fluoranthene
Concen: 45.350 ng
RT: 15.133 min Scan# 2218
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38

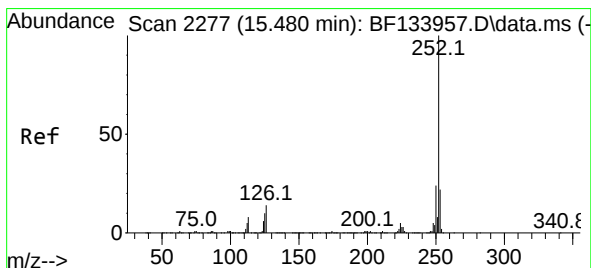
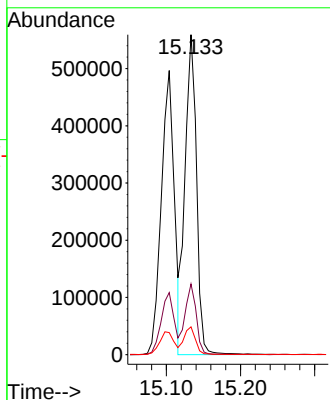
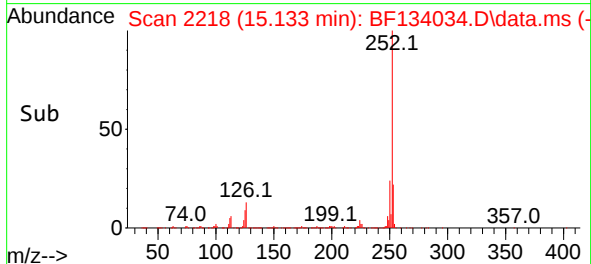
Instrument :
BNA_F
ClientSampleId :
TP1MS



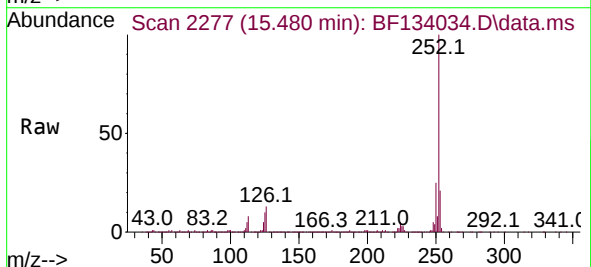
Tgt Ion:252 Resp: 60473
Ion Ratio Lower Upper
252 100
253 22.1 16.9 25.3
125 8.7 7.4 11.2

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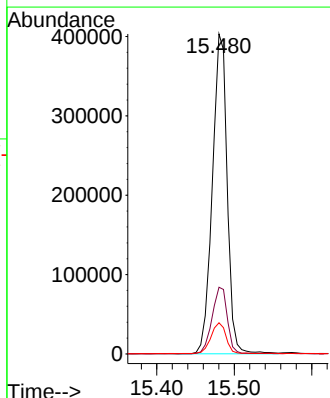
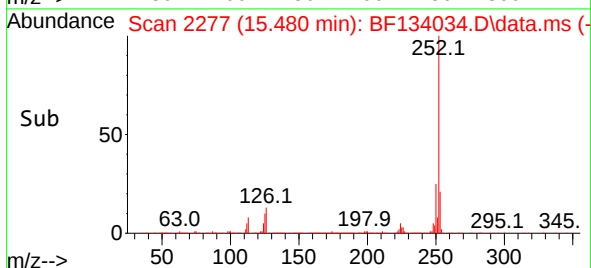
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

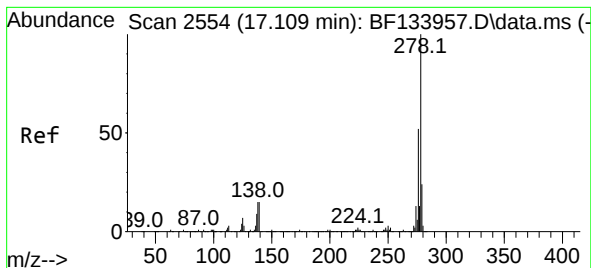


#90
Benzo(a)pyrene
Concen: 42.239 ng
RT: 15.480 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BF134034.D
Acq: 29 Jun 2023 13:38



Tgt Ion:252 Resp: 534940
Ion Ratio Lower Upper
252 100
253 20.9 17.4 26.0
125 9.8 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 48.212 ng

RT: 17.115 min Scan# 2555

Delta R.T. 0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Instrument :

BNA_F

ClientSampleId :

TP1MS

Tgt Ion:278 Resp: 60862

Ion Ratio Lower Upper

278 100

139 14.6 12.2 18.4

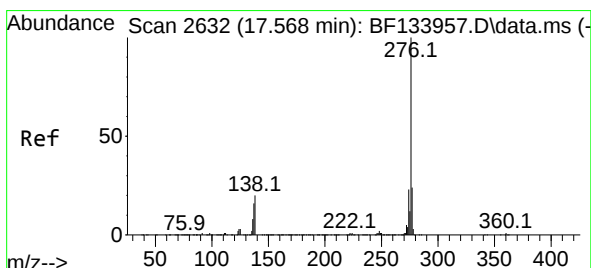
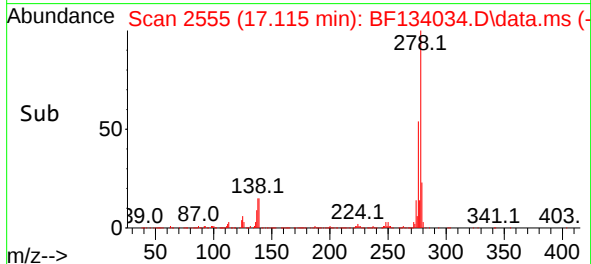
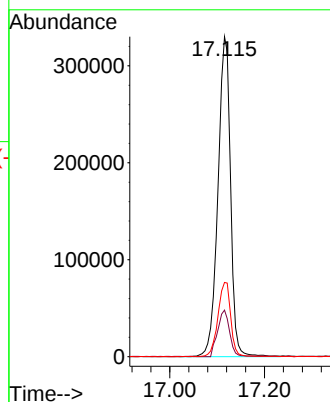
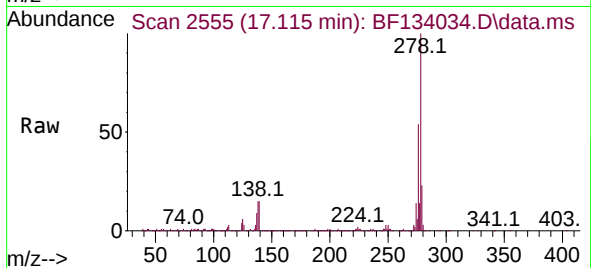
279 23.2 19.4 29.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#92

Benzo(g,h,i)perylene

Concen: 47.074 ng

RT: 17.574 min Scan# 2633

Delta R.T. 0.006 min

Lab File: BF134034.D

Acq: 29 Jun 2023 13:38

Tgt Ion:276 Resp: 612819

Ion Ratio Lower Upper

276 100

277 23.4 19.0 28.6

138 18.7 16.2 24.2

