

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062923\
 Data File : BF134033.D
 Acq On : 29 Jun 2023 13:05
 Operator : CG\JU
 Sample : 03336-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 29 14:05:40 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	125218	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	485639	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	249918	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	481022	20.000	ng	0.00
76) Chrysene-d12	14.045	240	239661	20.000	ng	0.00
86) Perylene-d12	15.545	264	238113	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	678177	90.597	ng	0.02
7) Phenol-d6	6.493	99	783674	85.127	ng	0.00
23) Nitrobenzene-d5	7.416	82	619018	68.710	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	317649	101.373	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1141057	66.381	ng	0.00
79) Terphenyl-d14	12.980	244	1294824	86.953	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.828	88	95977	31.095	ng	# 80
3) Pyridine	3.569	79	251372	31.266	ng	97
4) n-Nitrosodimethylamine	3.499	42	174044	37.903	ng	95
6) Aniline	6.516	93	207289	18.504	ng	96
8) 2-Chlorophenol	6.634	128	286810	37.744	ng	99
9) Benzaldehyde	6.404	77	80917	13.068	ng	98
10) Phenol	6.504	94	308054	31.826	ng	93
11) bis(2-Chloroethyl)ether	6.587	93	260739	36.589	ng	100
12) 1,3-Dichlorobenzene	6.787	146	311335	38.430	ng	99
13) 1,4-Dichlorobenzene	6.863	146	311000	38.007	ng	98
14) 1,2-Dichlorobenzene	7.016	146	298786	38.989	ng	99
15) Benzyl Alcohol	6.992	79	275564	38.829	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	461677	36.621	ng	97
17) 2-Methylphenol	7.104	107	238871	35.104	ng	96
18) Hexachloroethane	7.357	117	119898	39.517	ng	96
19) n-Nitroso-di-n-propyla...	7.263	70	219123	37.533	ng	99
20) 3+4-Methylphenols	7.257	107	294289	35.649	ng	# 85
22) Acetophenone	7.257	105	428597	38.806	ng	98
24) Nitrobenzene	7.434	77	330582	36.312	ng	96
25) Isophorone	7.669	82	592269	36.173	ng	97
26) 2-Nitrophenol	7.745	139	162404	37.186	ng	95
27) 2,4-Dimethylphenol	7.792	122	263346	38.094	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	343820	36.265	ng	99
29) 2,4-Dichlorophenol	7.998	162	254306	37.097	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	266990	37.746	ng	98
31) Naphthalene	8.151	128	833058	35.513	ng	99
32) Benzoic acid	7.910	122	91203	17.606	ng	93
33) 4-Chloroaniline	8.198	127	143582	14.309	ng	98
34) Hexachlorobutadiene	8.263	225	168619	37.790	ng	99
35) Caprolactam	8.575	113	73100m	32.386	ng	
36) 4-Chloro-3-methylphenol	8.692	107	292068	37.926	ng	95
37) 2-Methylnaphthalene	8.845	142	584341	35.226	ng	99
38) 1-Methylnaphthalene	8.945	142	534472	34.658	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	275277	37.178	ng	99
41) Hexachlorocyclopentadiene	8.992	237	271520	77.297	ng	97
43) 2,4,6-Trichlorophenol	9.122	196	190196	37.735	ng	98

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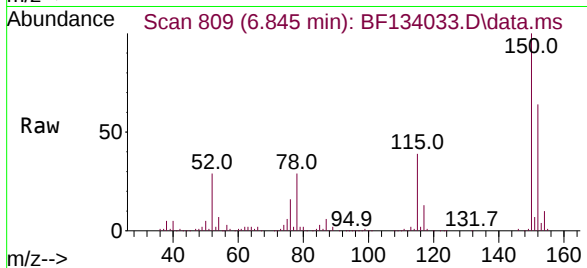
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.169	196	200851	33.877	ng	99
46) 1,1'-Biphenyl	9.310	154	739490	36.887	ng	97
47) 2-Chloronaphthalene	9.334	162	498373	33.977	ng	94
48) 2-Nitroaniline	9.434	65	202538	37.888	ng	98
49) Acenaphthylene	9.751	152	917375	36.612	ng	99
50) Dimethylphthalate	9.616	163	674534	37.182	ng	99
51) 2,6-Dinitrotoluene	9.675	165	146226	37.423	ng	# 82
52) Acenaphthene	9.922	154	539708	37.121	ng	99
53) 3-Nitroaniline	9.845	138	113937	24.306	ng	97
54) 2,4-Dinitrophenol	9.957	184	81514	38.242	ng	95
55) Dibenzofuran	10.098	168	819874	36.082	ng	99
56) 4-Nitrophenol	10.016	139	198920	60.667	ng	92
57) 2,4-Dinitrotoluene	10.086	165	190142	36.848	ng	92
58) Fluorene	10.439	166	651076	36.830	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	169685	36.283	ng	98
60) Diethylphthalate	10.316	149	706575	37.383	ng	100
61) 4-Chlorophenyl-phenyle...	10.433	204	313697	36.822	ng	99
62) 4-Nitroaniline	10.469	138	155260	32.865	ng	96
63) Azobenzene	10.592	77	653743	36.566	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	74357	28.353	ng	99
66) n-Nitrosodiphenylamine	10.557	169	575986	37.478	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	193586	37.864	ng	# 89
68) Hexachlorobenzene	10.992	284	219581	40.450	ng	96
69) Atrazine	11.086	200	188599	44.364	ng	96
70) Pentachlorophenol	11.186	266	200333	61.721	ng	98
71) Phenanthrene	11.410	178	897342	37.057	ng	99
72) Anthracene	11.463	178	937009	37.202	ng	99
73) Carbazole	11.622	167	836881	36.301	ng	100
74) Di-n-butylphthalate	11.945	149	1063184	38.781	ng	99
75) Fluoranthene	12.604	202	920228	35.151	ng	98
77) Benzidine	12.727	184	284730	49.930	ng	99
78) Pyrene	12.833	202	911318	40.859	ng	99
80) Butylbenzylphthalate	13.457	149	345936	41.355	ng	97
81) Benzo(a)anthracene	14.033	228	618600	37.218	ng	99
82) 3,3'-Dichlorobenzidine	13.992	252	134639	25.568	ng	# 99
83) Chrysene	14.069	228	581339	36.111	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	402864	41.913	ng	99
85) Di-n-octyl phthalate	14.639	149	657221	46.535	ng	99
87) Indeno(1,2,3-cd)pyrene	17.098	276	688263	41.656	ng	98
88) Benzo(b)fluoranthene	15.104	252	545446	38.957	ng	99
89) Benzo(k)fluoranthene	15.133	252	543350	38.115	ng	98
90) Benzo(a)pyrene	15.486	252	487140	35.980	ng	98
91) Dibenzo(a,h)anthracene	17.115	278	561662	41.618	ng	99
92) Benzo(g,h,i)perylene	17.574	276	562097	40.389	ng	97

(#) = 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: BF134033.D
Acq: 29 Jun 2023 13:05

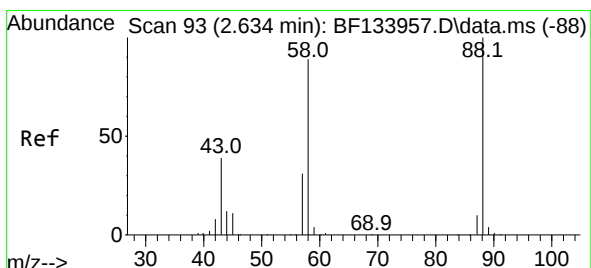
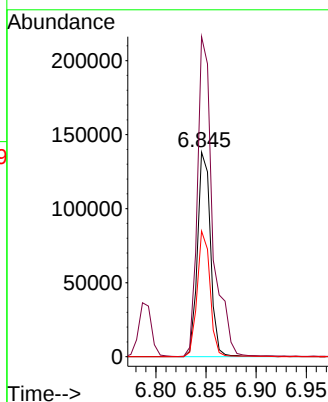
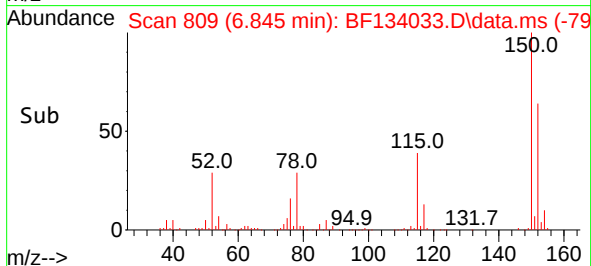
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:152 Resp: 125218
Ion Ratio Lower Upper
152 100
150 156.5 124.5 186.7
115 61.5 50.2 75.2

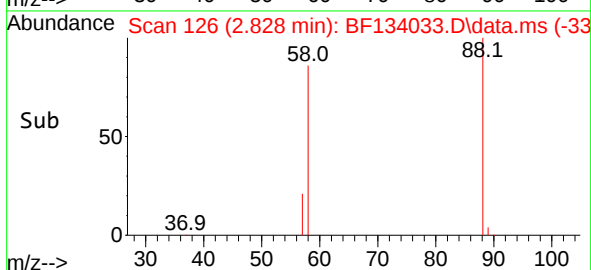
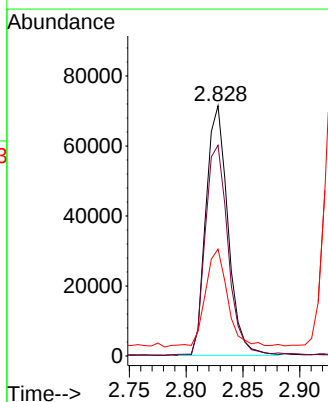
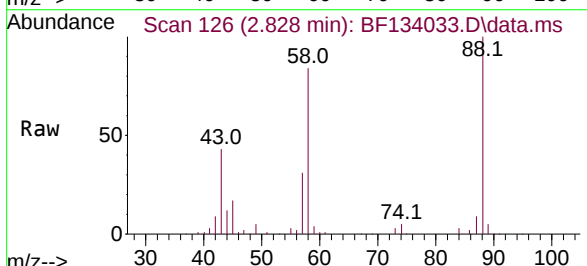
Manual Integrations
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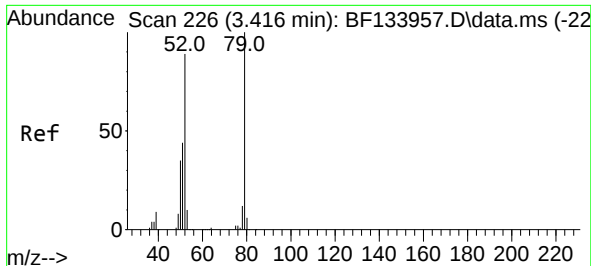
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#2
1,4-Dioxane
Concen: 31.095 ng
RT: 2.828 min Scan# 126
Delta R.T. 0.194 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

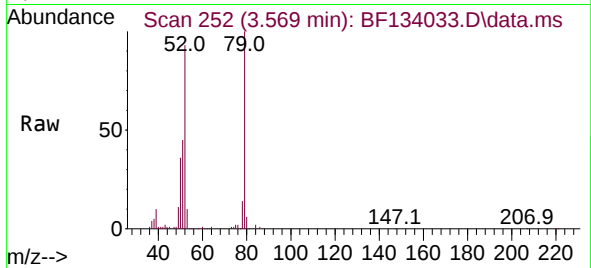
Tgt Ion: 88 Resp: 95977
Ion Ratio Lower Upper
88 100
58 87.2 68.8 103.2
43 0.0 30.7 46.1#





#3
Pyridine
Concen: 31.266 ng
RT: 3.569 min Scan# 21
Delta R.T. 0.153 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

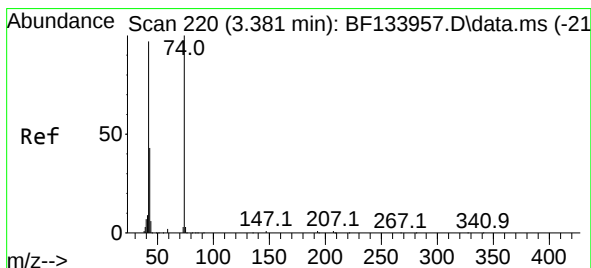
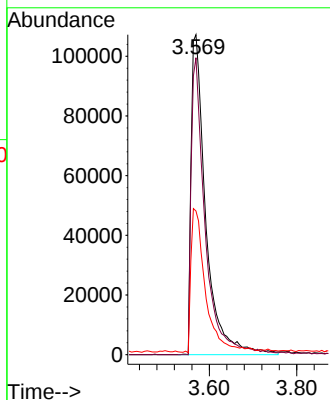
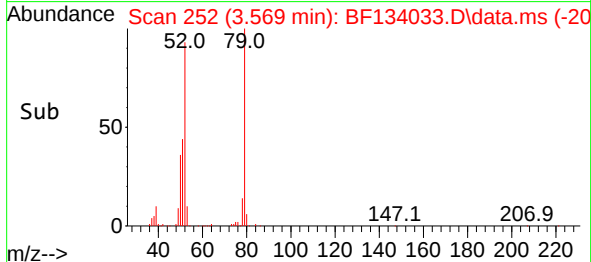
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



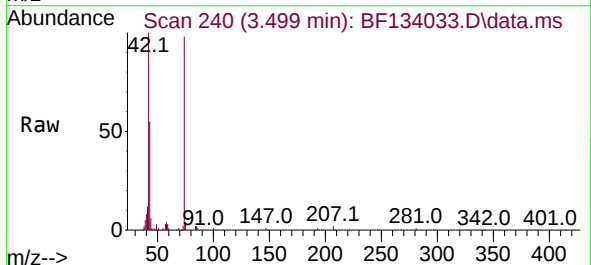
Tgt Ion: 79 Resp: 251372
Ion Ratio Lower Upper
79 100
52 92.8 71.1 106.7
51 44.9 35.2 52.8

Manual Integrations
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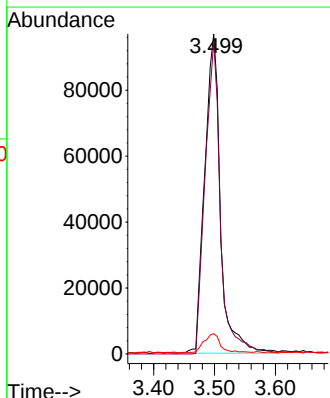
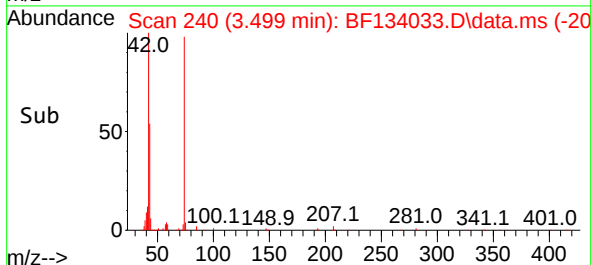
Reviewed By :Yogesh Patel 06/30/2023
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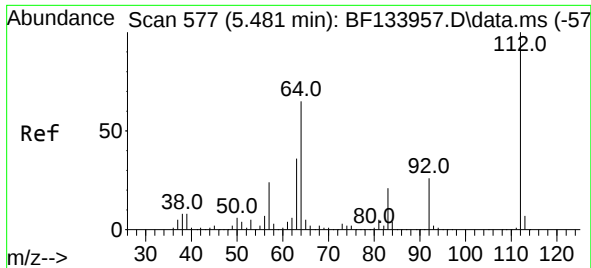


#4
n-Nitrosodimethylamine
Concen: 37.903 ng
RT: 3.499 min Scan# 240
Delta R.T. 0.118 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion: 42 Resp: 174044
Ion Ratio Lower Upper
42 100
74 97.7 82.4 123.6
44 6.4 4.9 7.3





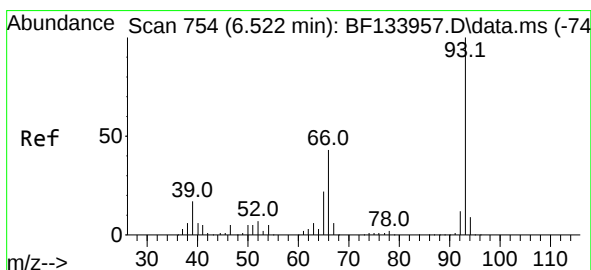
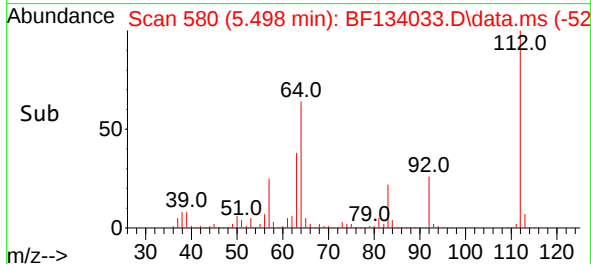
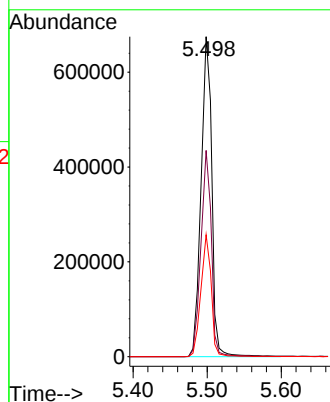
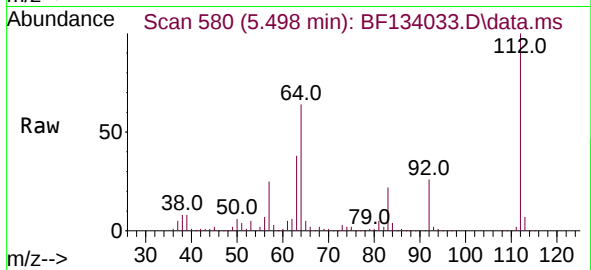
#5
2-Fluorophenol
Concen: 90.597 ng
RT: 5.498 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

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Tgt Ion:112 Resp: 67817
Ion Ratio Lower Upper
112 100
64 64.5 52.1 78.1
63 38.1 28.6 42.8

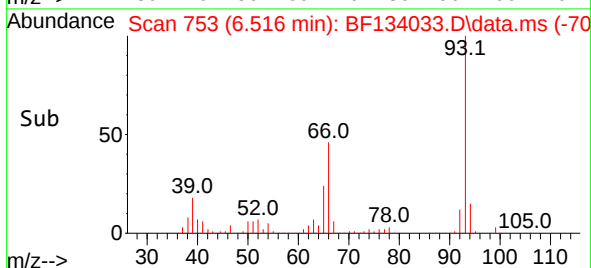
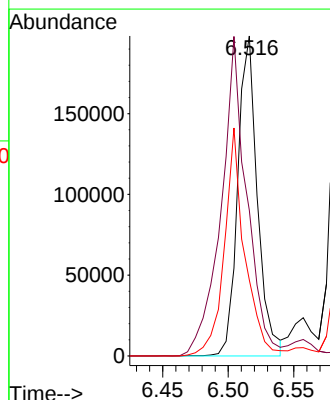
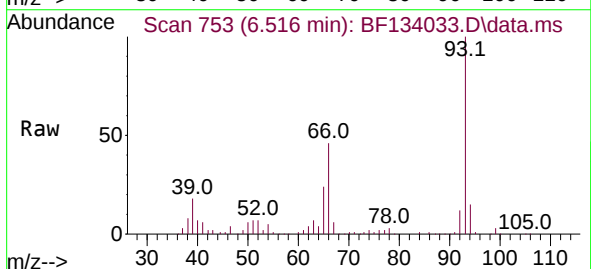
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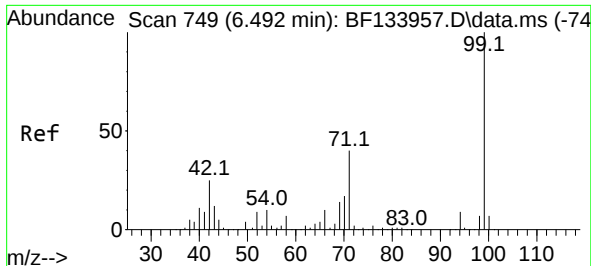
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#6
Aniline
Concen: 18.504 ng
RT: 6.516 min Scan# 753
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Tgt Ion: 93 Resp: 207289
Ion Ratio Lower Upper
93 100
66 45.5 34.5 51.7
65 23.8 17.8 26.6





#7

Phenol-d6

Concen: 85.127 ng

RT: 6.493 min Scan# 749

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

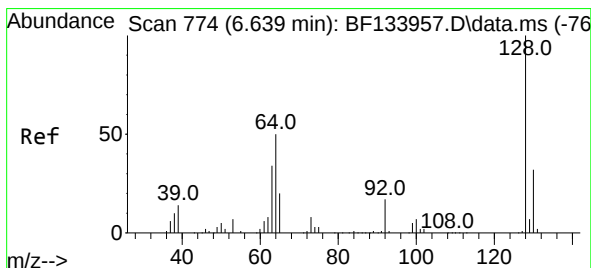
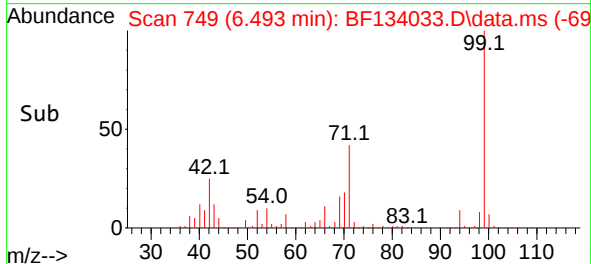
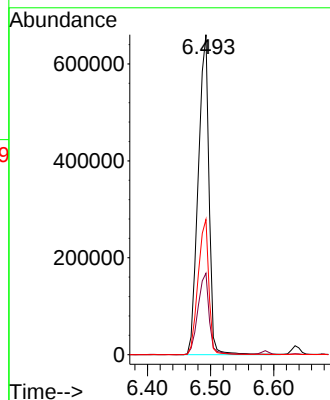
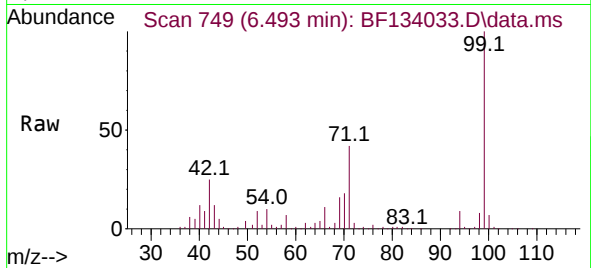
Tgt Ion:	99	Resp:	783674
Ion	Ratio	Lower	Upper
99	100		
42	25.4	19.8	29.6
71	42.3	31.9	47.9

Manual Integrations

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#8

2-Chlorophenol

Concen: 37.744 ng

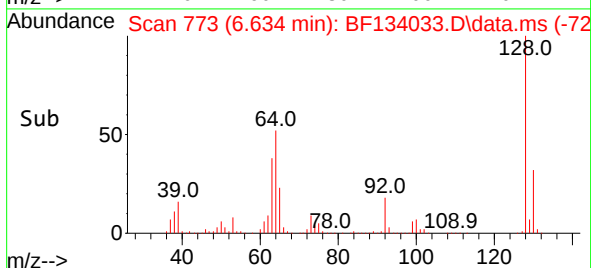
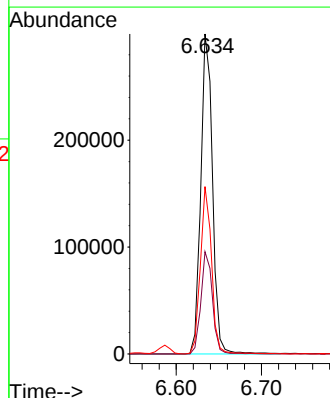
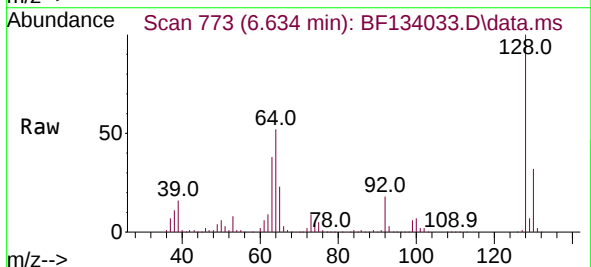
RT: 6.634 min Scan# 773

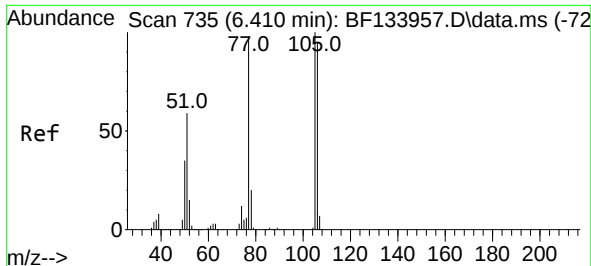
Delta R.T. -0.006 min

Lab File: BF134033.D

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Tgt Ion:	128	Resp:	286810
Ion	Ratio	Lower	Upper
128	100		
130	32.0	11.7	51.7
64	52.3	31.3	71.3





#9

Benzaldehyde

Concen: 13.068 ng

RT: 6.404 min Scan# 734

Delta R.T. -0.006 min

Lab File: BF134033.D

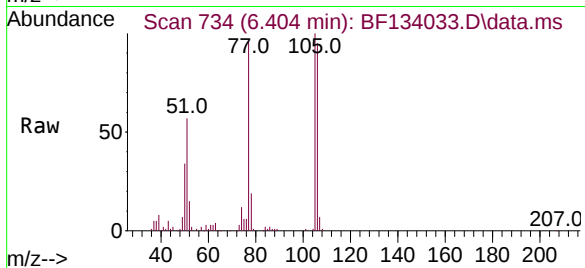
Acq: 29 Jun 2023 13:05

Instrument :

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ClientSampleId :

WC-6MSD



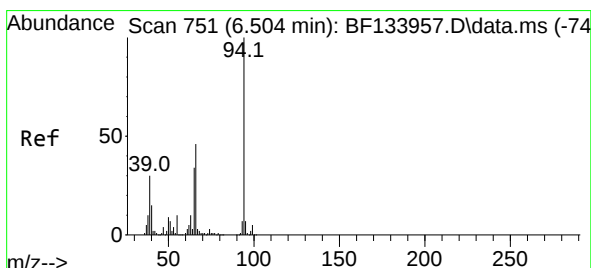
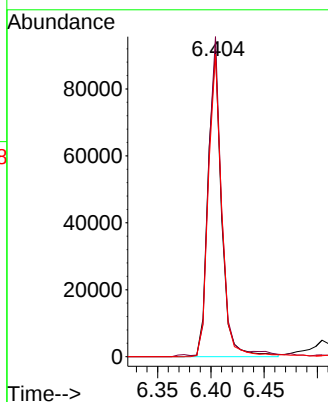
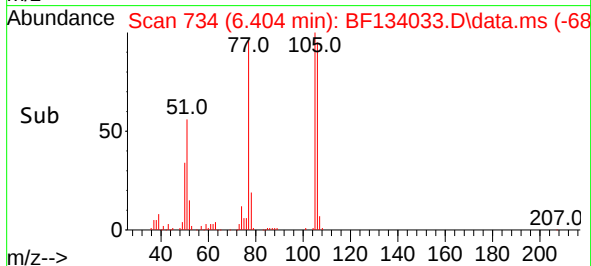
Tgt Ion: 77	Resp: 8091
Ion Ratio	Lower Upper
77	100
105	104.2 82.0 122.0
106	98.5 76.9 116.9

Manual Integrations

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Supervised By :mohammad ahmed 06/30/2023



#10

Phenol

Concen: 31.826 ng

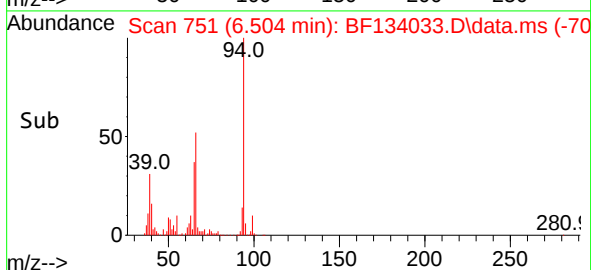
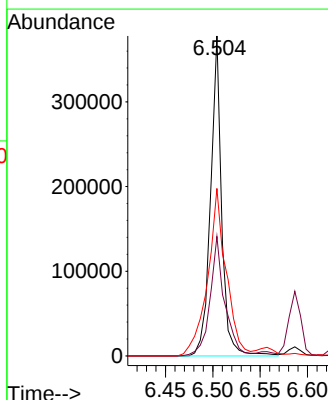
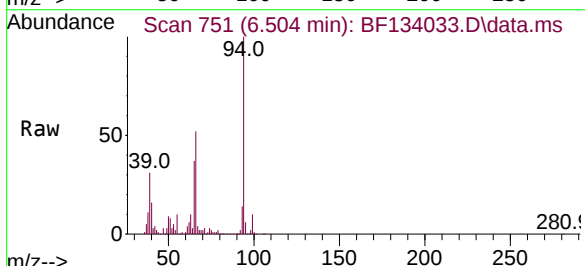
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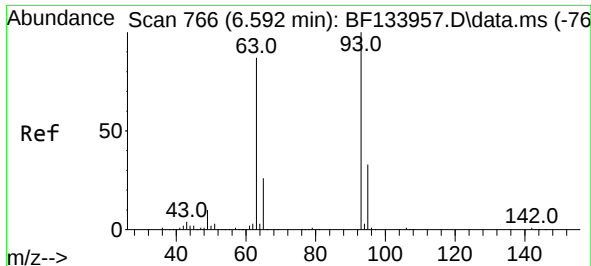
Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion: 94	Resp: 308054
Ion Ratio	Lower Upper
94	100
65	37.3 14.2 54.2
66	52.4 26.4 66.4





#11

bis(2-Chloroethyl)ether

Concen: 36.589 ng

RT: 6.587 min Scan# 766

Delta R.T. -0.005 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion: 93 Resp: 260735

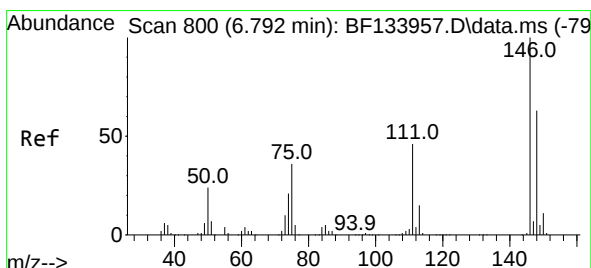
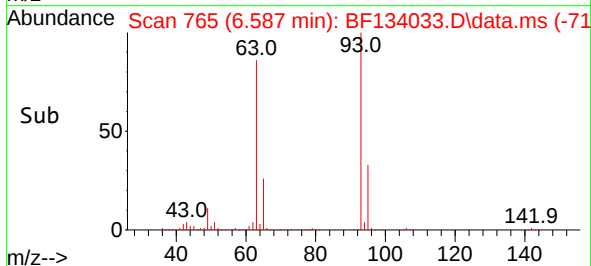
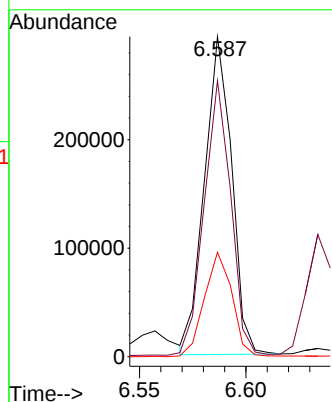
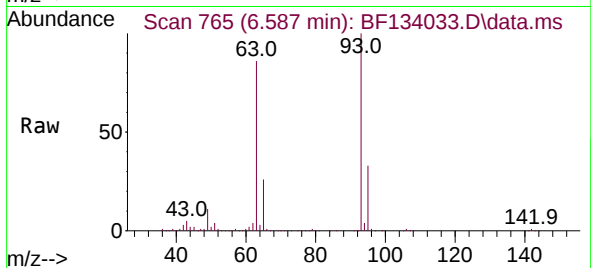
Ion	Ratio	Lower	Upper
93	100		
63	86.3	66.5	106.5
95	32.6	12.9	52.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#12

1,3-Dichlorobenzene

Concen: 38.430 ng

RT: 6.787 min Scan# 799

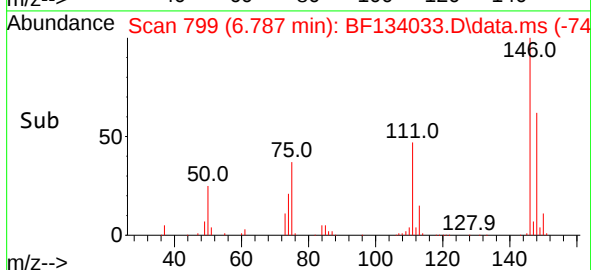
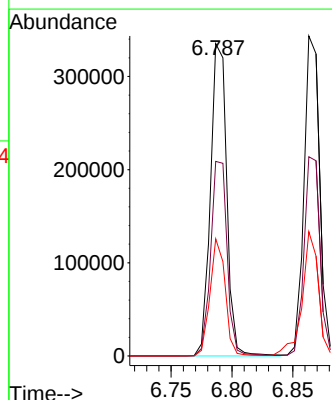
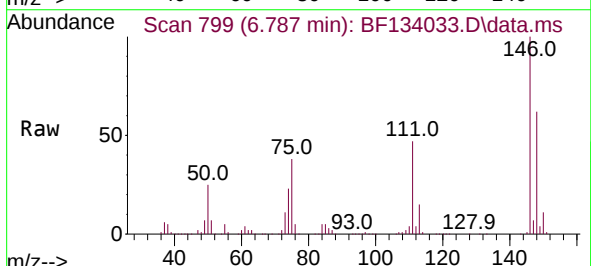
Delta R.T. -0.006 min

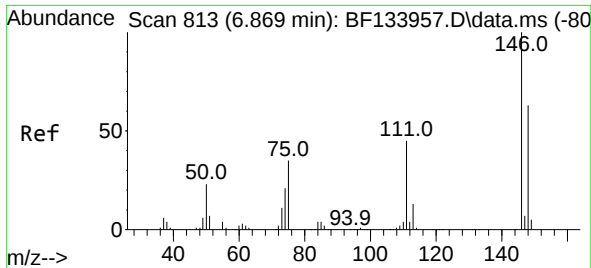
Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:146 Resp: 311335

Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.5	75.7
75	37.5	29.0	43.6





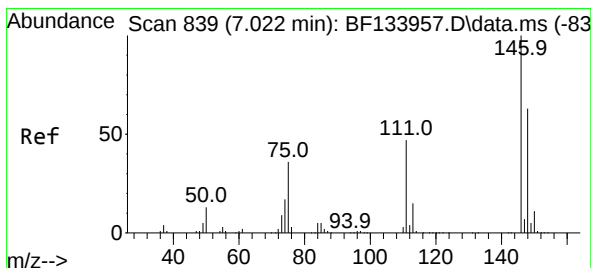
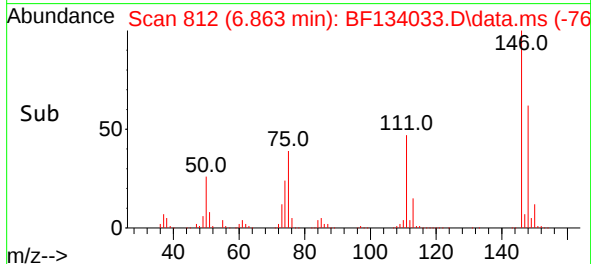
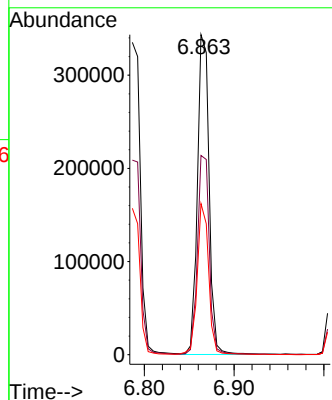
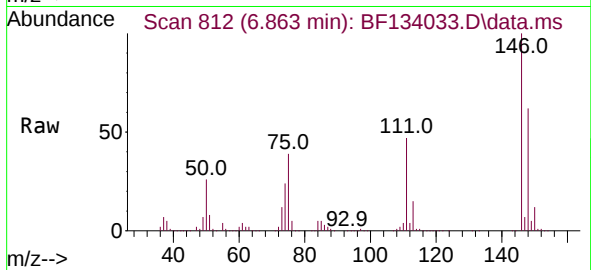
#13
1,4-Dichlorobenzene
Concen: 38.007 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:146 Resp: 311000
Ion Ratio Lower Upper
146 100
148 62.2 50.2 75.2
111 47.2 35.8 53.6

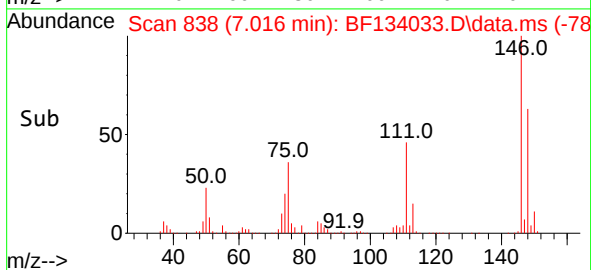
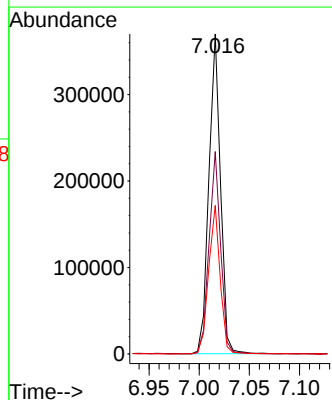
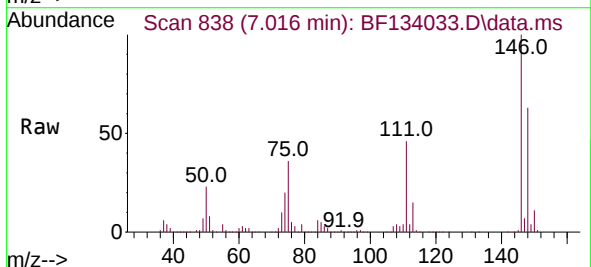
Manual Integrations
APPROVED

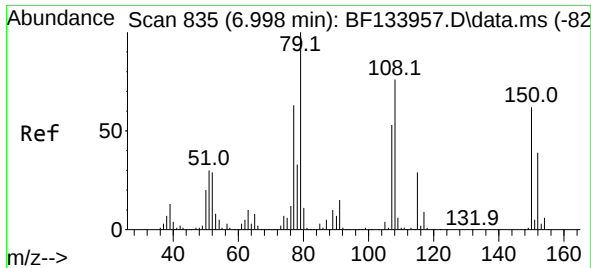
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#14
1,2-Dichlorobenzene
Concen: 38.989 ng
RT: 7.016 min Scan# 838
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

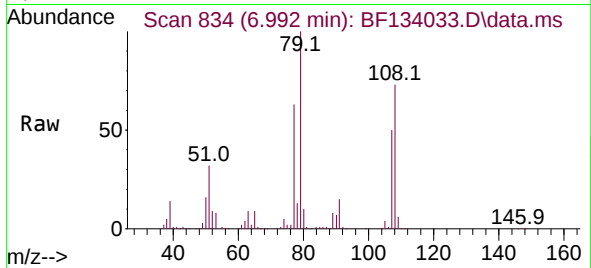
Tgt Ion:146 Resp: 298786
Ion Ratio Lower Upper
146 100
148 63.2 50.6 76.0
111 46.4 38.0 57.0





#15
Benzyl Alcohol
Concen: 38.829 ng
RT: 6.992 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

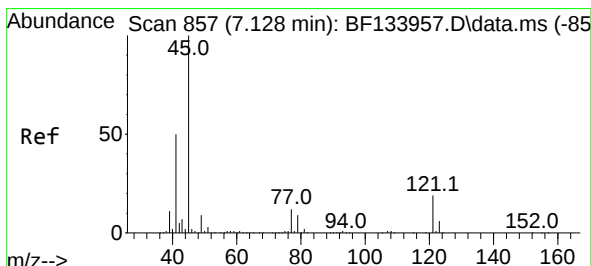
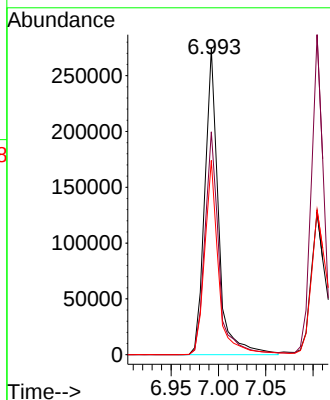
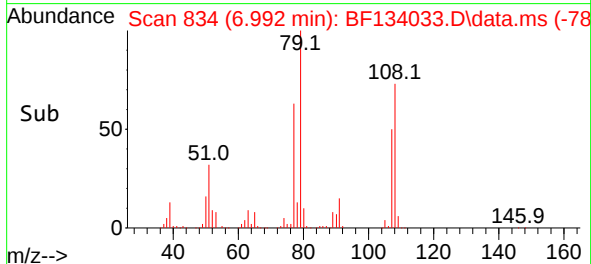
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion: 79 Resp: 275564
Ion Ratio Lower Upper
79 100
108 72.7 60.7 91.1
77 63.4 50.6 75.8

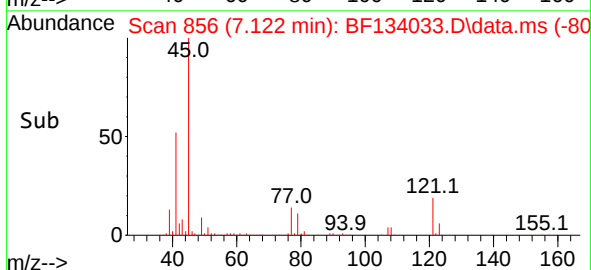
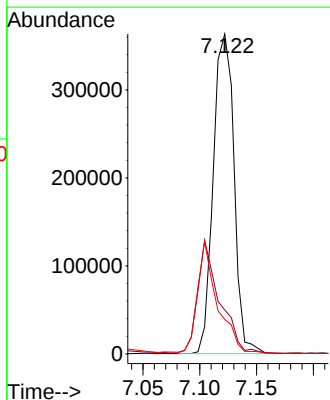
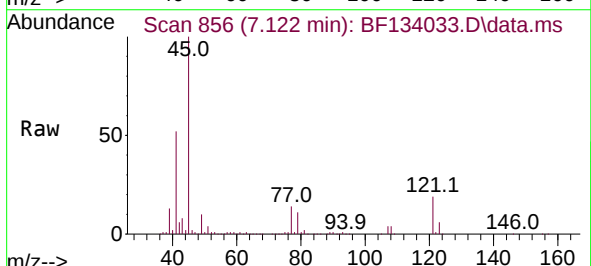
Manual Integrations
APPROVED

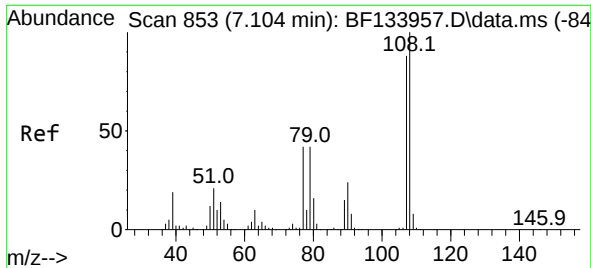
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.621 ng
RT: 7.122 min Scan# 856
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

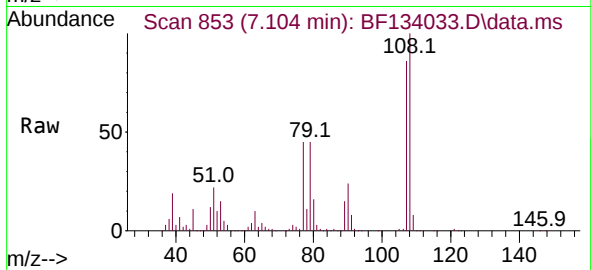
Tgt Ion: 45 Resp: 461677
Ion Ratio Lower Upper
45 100
77 13.8 0.0 32.9
79 10.8 0.0 29.5





#17
2-Methylphenol
Concen: 35.104 ng
RT: 7.104 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

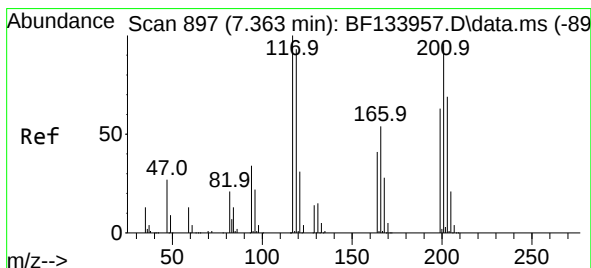
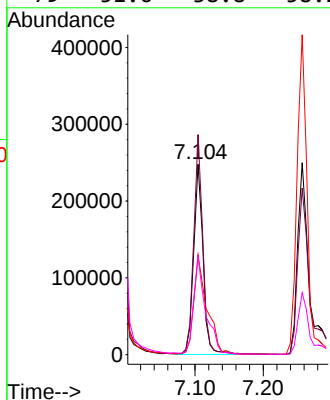
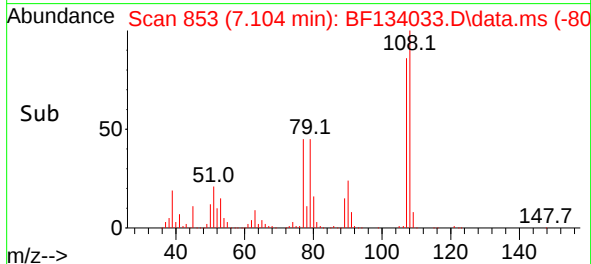
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:107 Resp: 23887
Ion Ratio Lower Upper
107 100
108 115.6 90.6 136.0
77 52.3 38.3 57.5
79 51.6 38.8 58.2

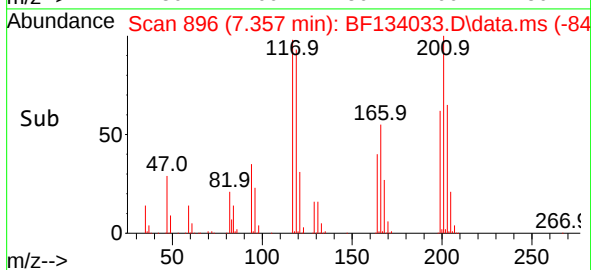
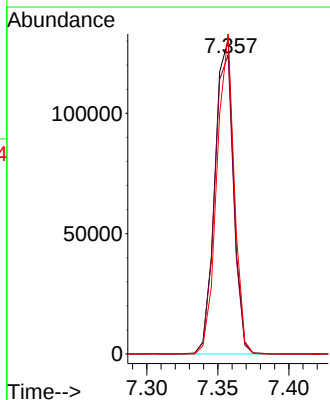
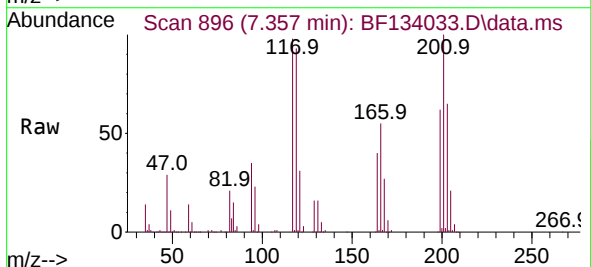
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 39.517 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

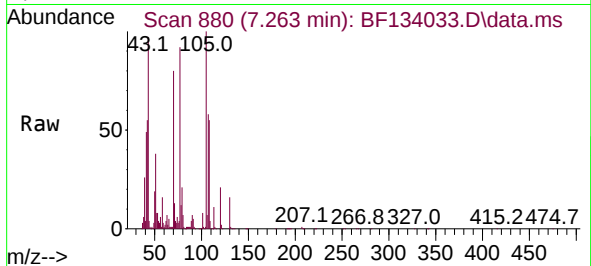
Tgt Ion:117 Resp: 119898
Ion Ratio Lower Upper
117 100
119 95.1 74.2 111.4
201 101.8 77.2 115.8





#19
n-Nitroso-di-n-propylamine
Concen: 37.533 ng
RT: 7.263 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

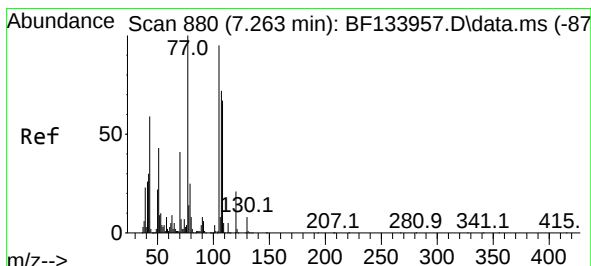
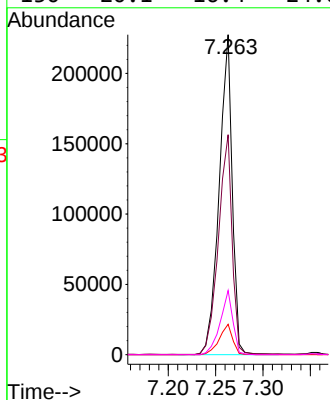
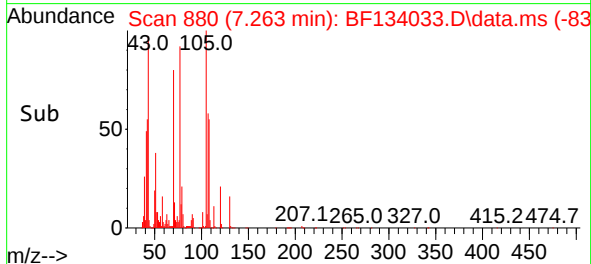
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



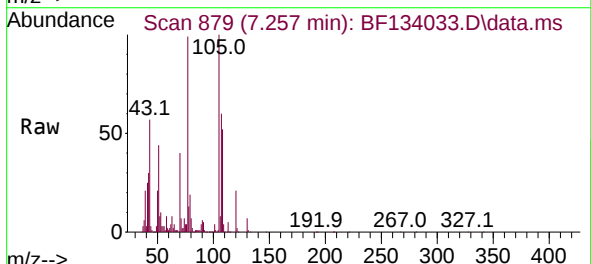
Tgt Ion: 70 Resp: 21912
Ion Ratio Lower Upper
70 100
42 68.8 54.7 82.1
101 9.5 7.7 11.5
130 20.1 16.4 24.6

Manual Integrations
APPROVED

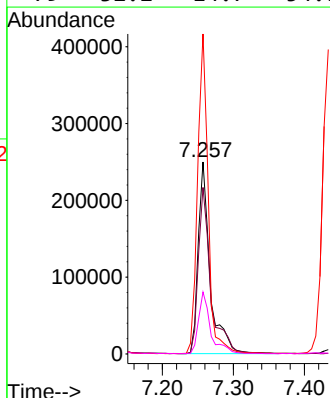
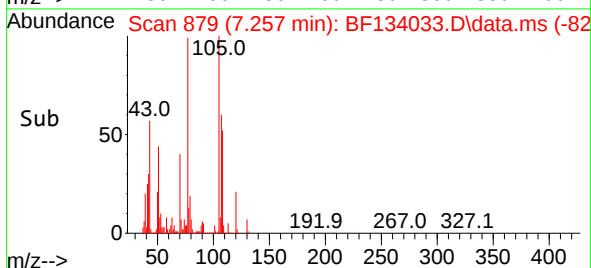
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

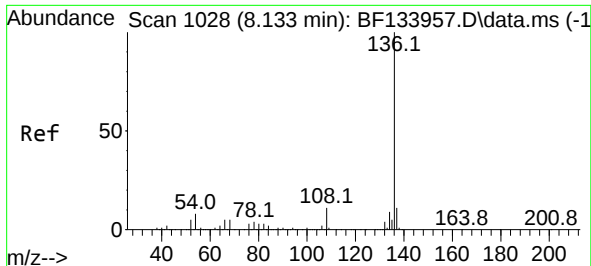


#20
3+4-Methylphenols
Concen: 35.649 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



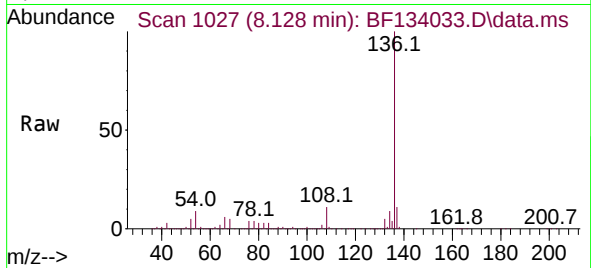
Tgt Ion:107 Resp: 294289
Ion Ratio Lower Upper
107 100
108 86.8 73.2 113.2
77 166.7 118.3 158.3#
79 32.2 14.7 54.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.128 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

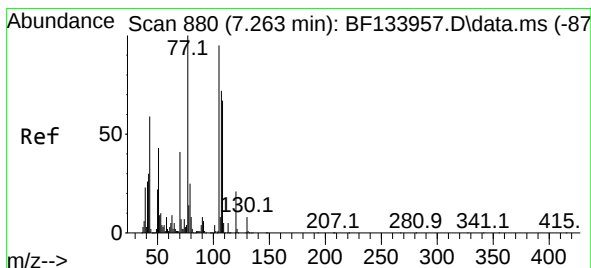
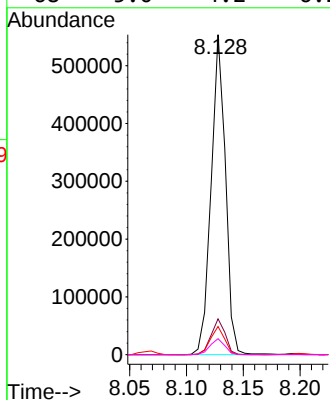
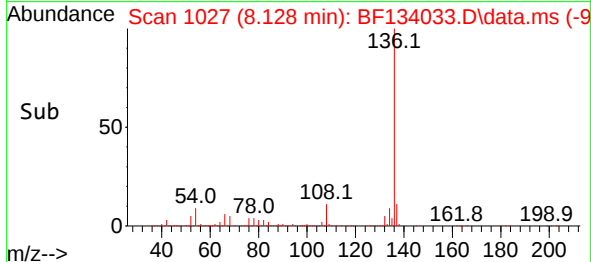
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:136 Resp: 485639
Ion Ratio Lower Upper
136 100
137 11.2 8.6 12.8
54 8.8 6.5 9.7
68 5.0 4.2 6.2

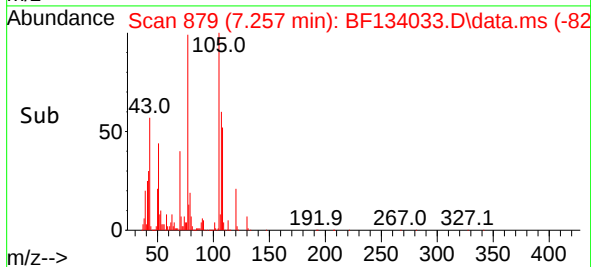
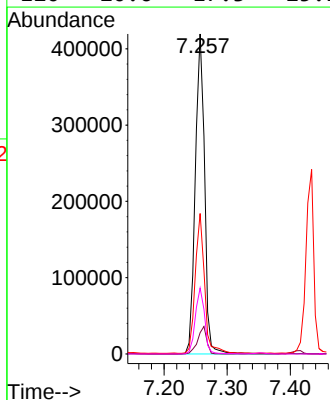
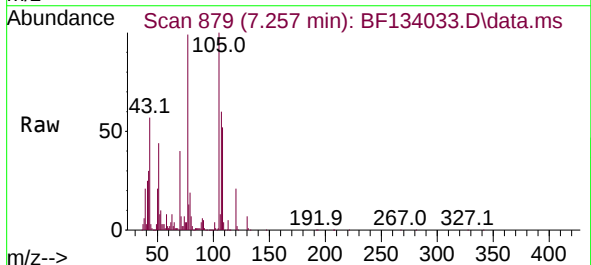
Manual Integrations
APPROVED

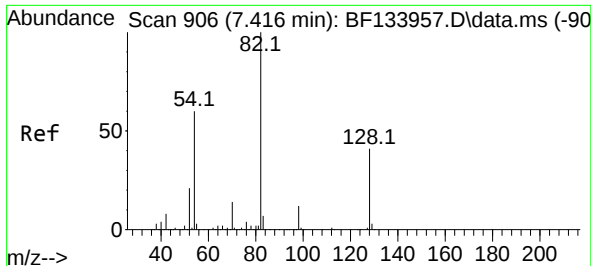
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#22
Acetophenone
Concen: 38.806 ng
RT: 7.257 min Scan# 879
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

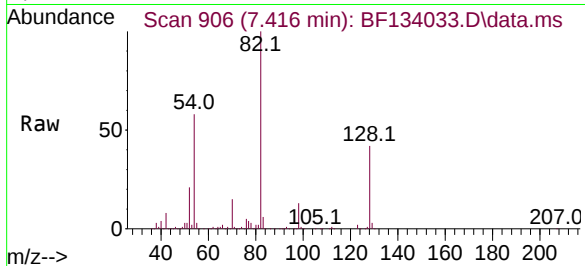
Tgt Ion:105 Resp: 428597
Ion Ratio Lower Upper
105 100
71 6.7 5.5 8.3
51 43.9 36.5 54.7
120 20.6 17.3 25.9





#23
Nitrobenzene-d5
Concen: 68.710 ng
RT: 7.416 min Scan# 906
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

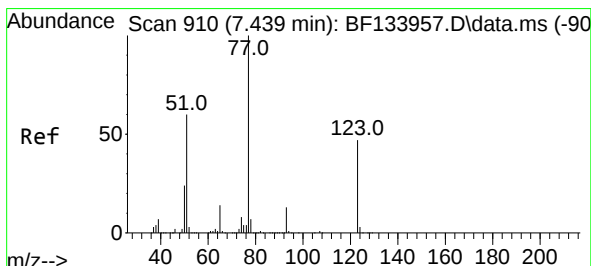
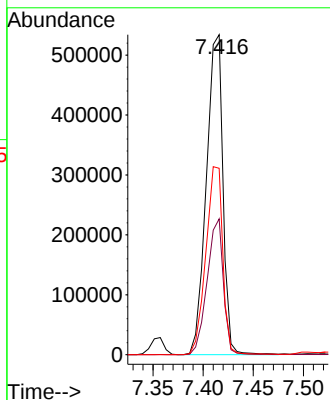
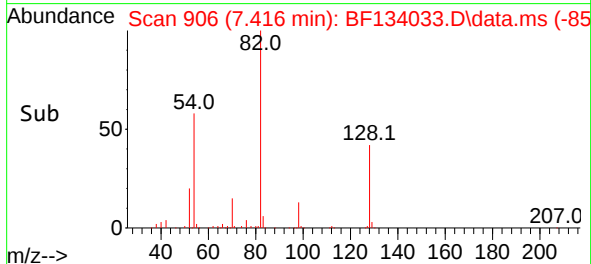
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion: 82 Resp: 619018
Ion Ratio Lower Upper
82 100
128 42.5 32.5 48.7
54 58.3 48.2 72.2

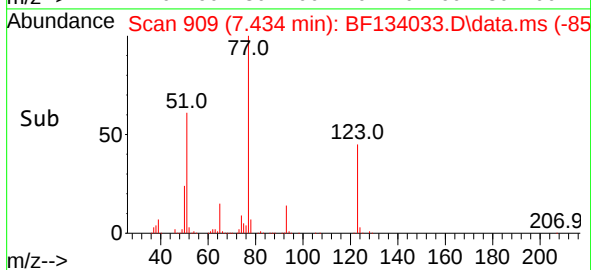
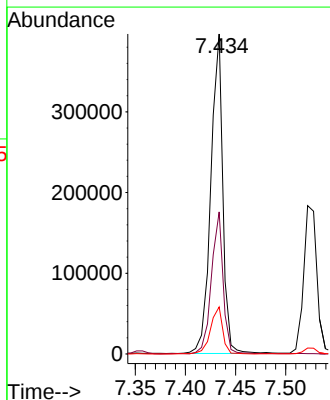
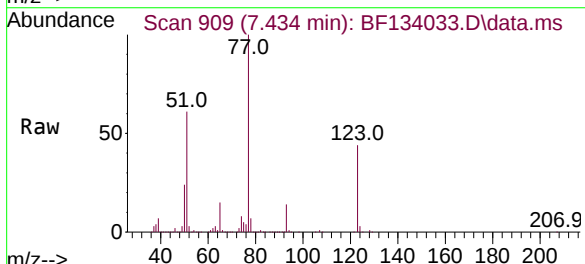
Manual Integrations
APPROVED

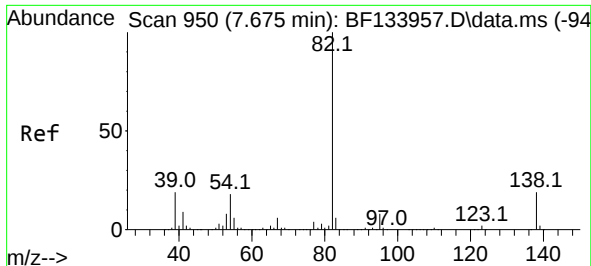
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#24
Nitrobenzene
Concen: 36.312 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Tgt Ion: 77 Resp: 330582
Ion Ratio Lower Upper
77 100
123 44.4 37.8 56.6
65 14.7 11.3 16.9





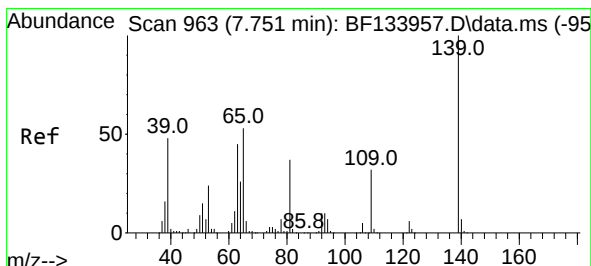
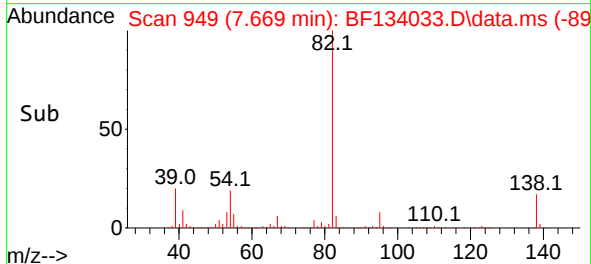
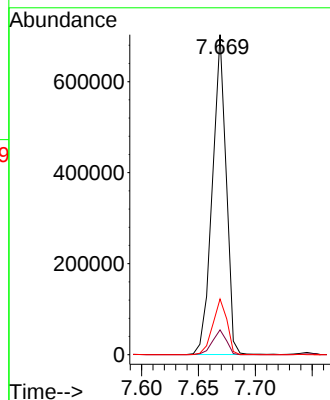
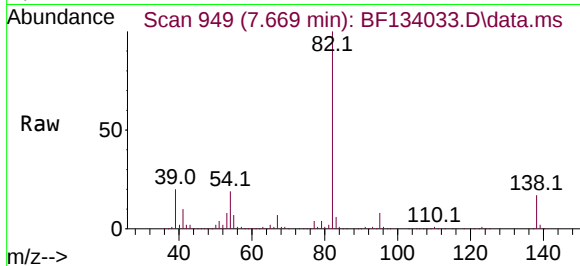
#25
Isophorone
Concen: 36.173 ng
RT: 7.669 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion: 82 Resp: 592269
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.4 15.2 22.8

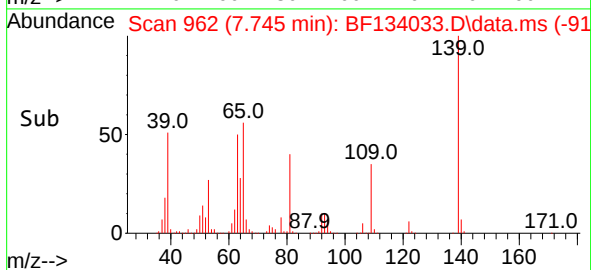
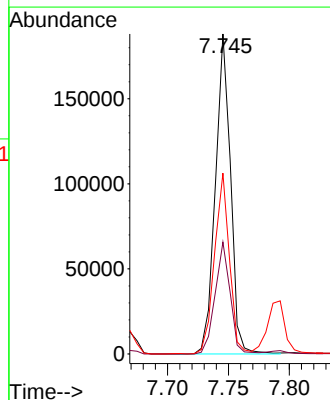
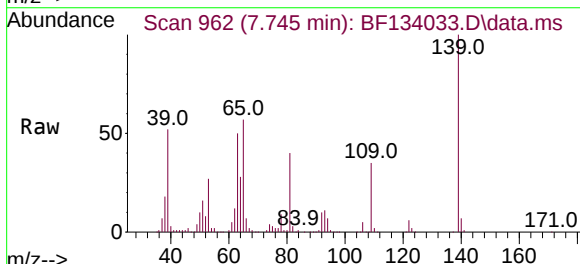
Manual Integrations
APPROVED

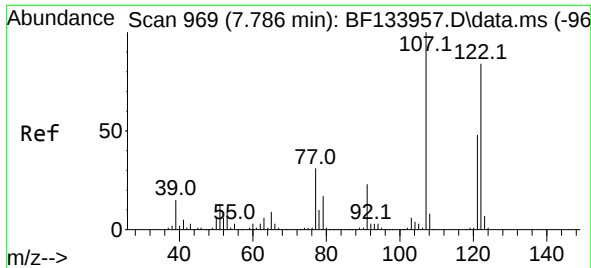
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#26
2-Nitrophenol
Concen: 37.186 ng
RT: 7.745 min Scan# 962
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

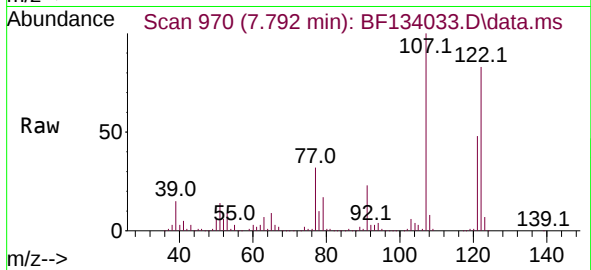
Tgt Ion:139 Resp: 162404
Ion Ratio Lower Upper
139 100
109 35.0 25.8 38.8
65 56.5 42.4 63.6





#27
2,4-Dimethylphenol
Concen: 38.094 ng
RT: 7.792 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

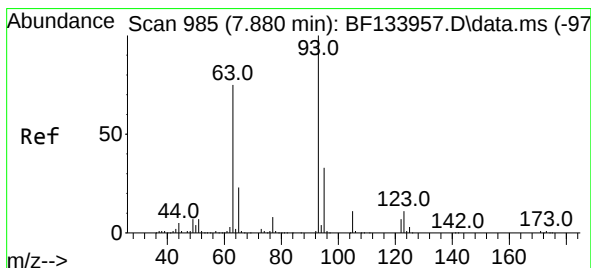
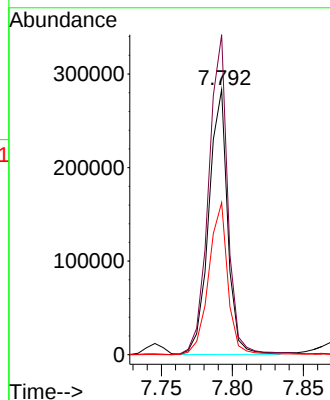
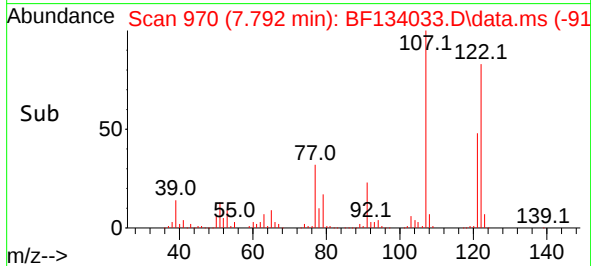
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



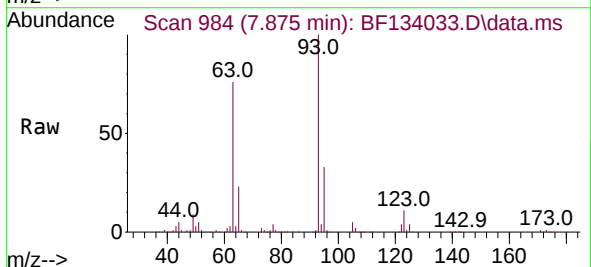
Tgt Ion:122 Resp: 263340
Ion Ratio Lower Upper
122 100
107 120.7 95.5 143.3
121 57.3 45.5 68.3

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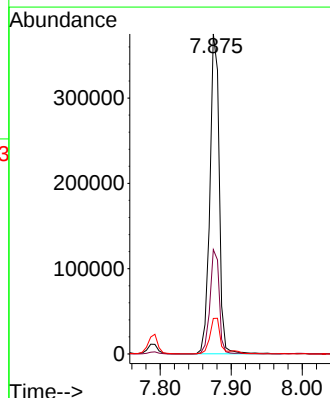
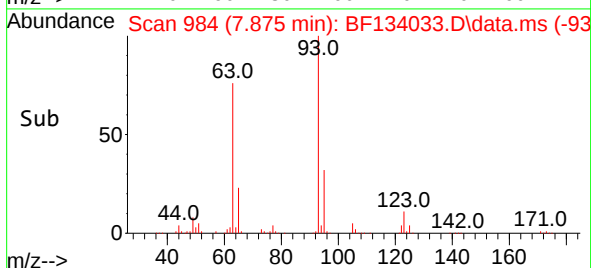
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

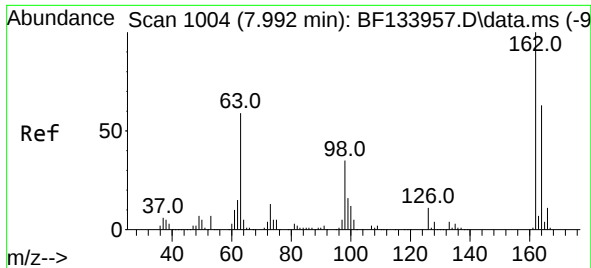


#28
bis(2-Chloroethoxy)methane
Concen: 36.265 ng
RT: 7.875 min Scan# 984
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion: 93 Resp: 343820
Ion Ratio Lower Upper
93 100
95 32.6 26.5 39.7
123 11.1 9.1 13.7





#29

2,4-Dichlorophenol

Concen: 37.097 ng

RT: 7.998 min Scan# 1005

Delta R.T. 0.006 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

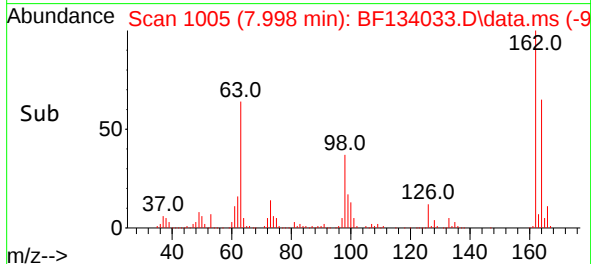
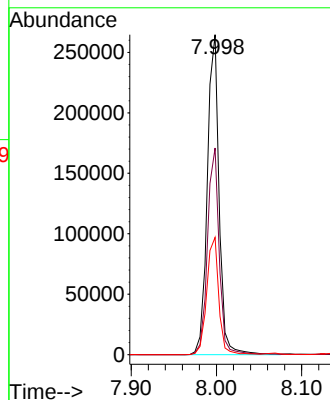
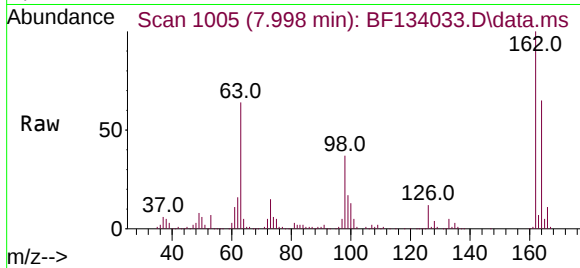
Tgt Ion:162	Resp:	254300
Ion Ratio	Lower	Upper
162	100	
164	64.6	43.2 83.2
98	36.7	14.9 54.9

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#30

1,2,4-Trichlorobenzene

Concen: 37.746 ng

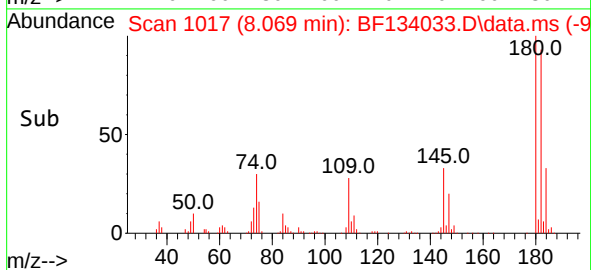
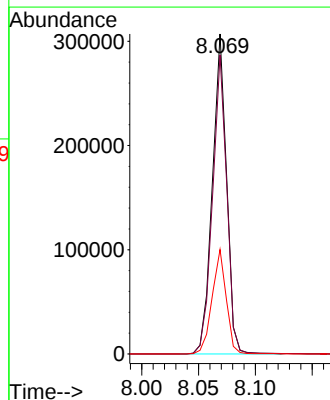
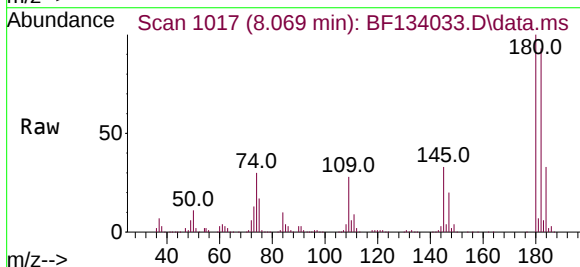
RT: 8.069 min Scan# 1017

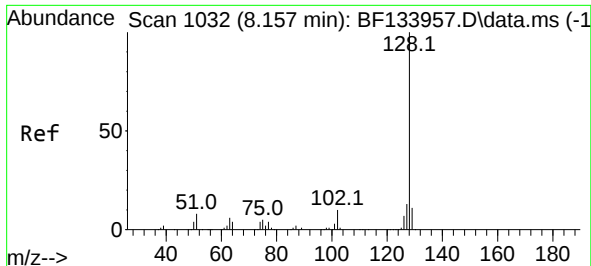
Delta R.T. -0.006 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:180	Resp:	266990
Ion Ratio	Lower	Upper
180	100	
182	93.5	77.1 115.7
145	32.6	26.0 39.0





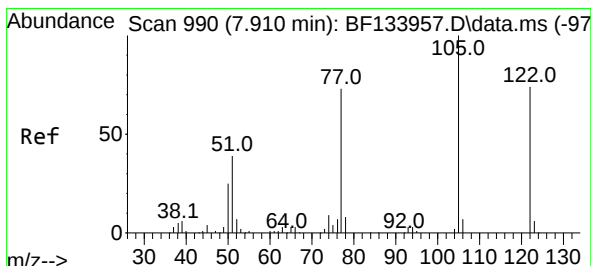
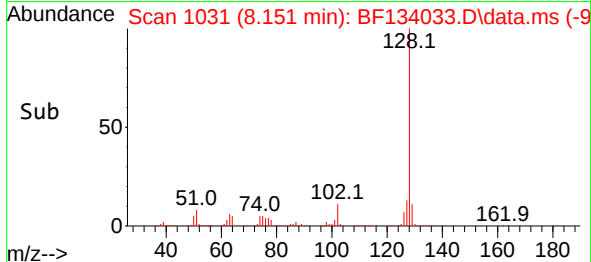
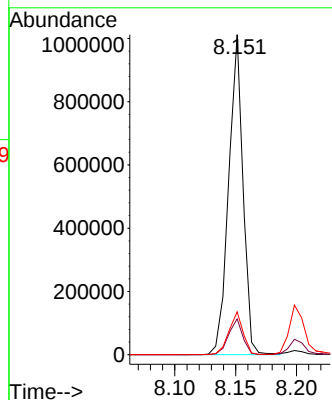
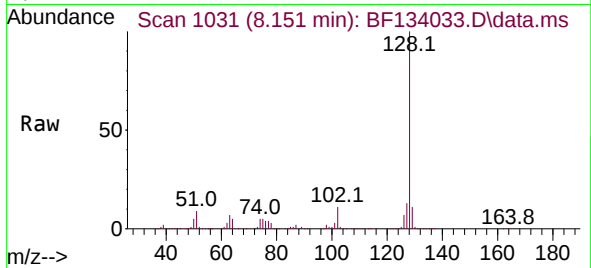
#31
Naphthalene
Concen: 35.513 ng
RT: 8.151 min Scan# 1032
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:128 Resp: 833058
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.4 10.6 15.8

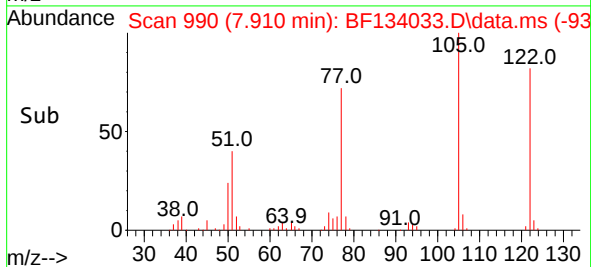
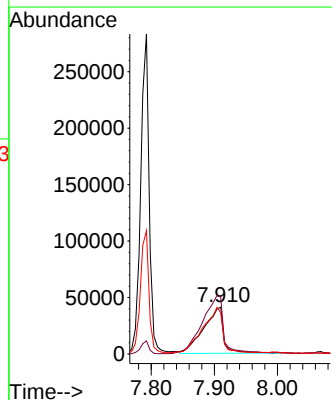
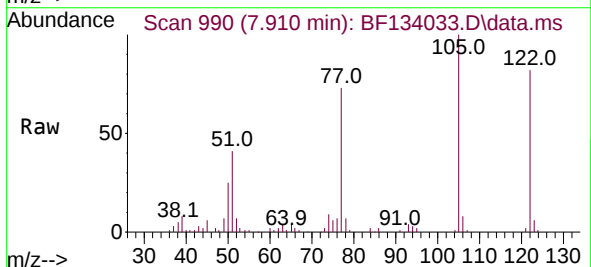
Manual Integrations
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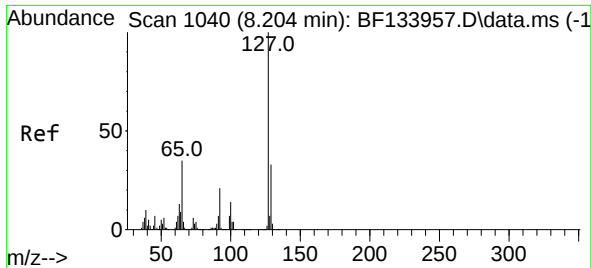
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#32
Benzoic acid
Concen: 17.606 ng
RT: 7.910 min Scan# 990
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

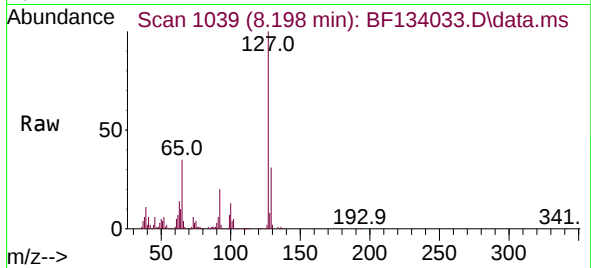
Tgt Ion:122 Resp: 91203
Ion Ratio Lower Upper
122 100
105 121.9 109.7 149.7
77 88.8 76.0 116.0





#33
4-Chloroaniline
Concen: 14.309 ng
RT: 8.198 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

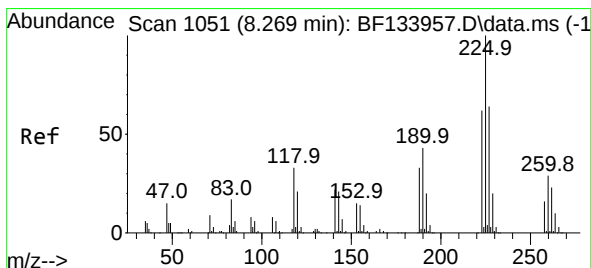
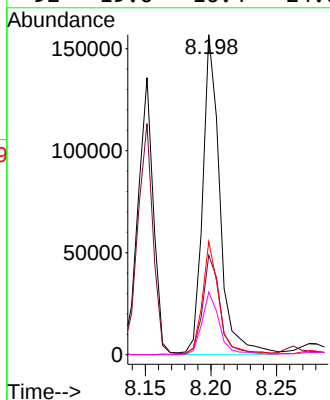
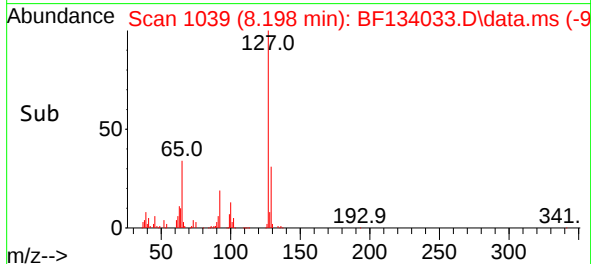
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:127 Resp: 14358
Ion Ratio Lower Upper
127 100
129 31.0 26.4 39.6
65 35.4 27.8 41.8
92 19.6 16.4 24.6

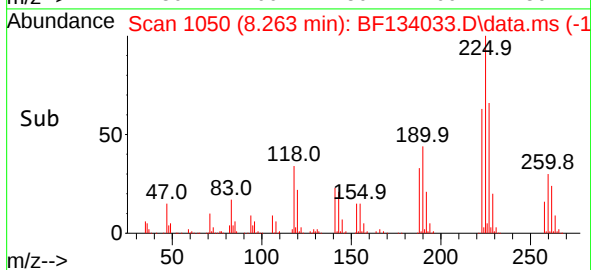
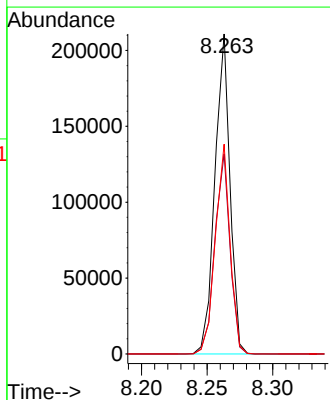
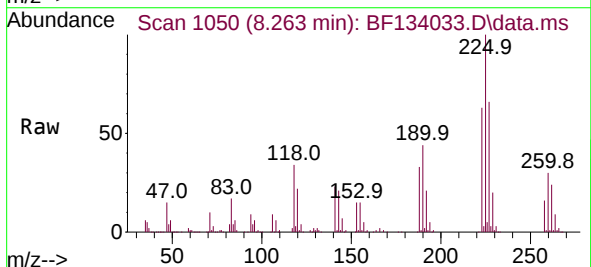
Manual Integrations
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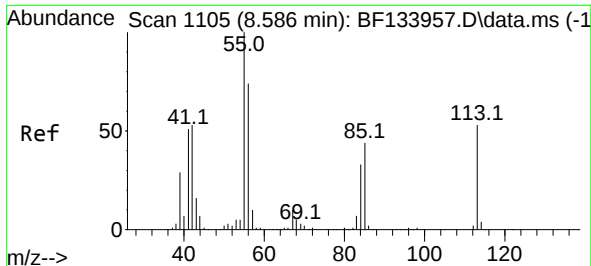
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#34
Hexachlorobutadiene
Concen: 37.790 ng
RT: 8.263 min Scan# 1050
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Tgt Ion:225 Resp: 168619
Ion Ratio Lower Upper
225 100
223 62.5 49.8 74.8
227 65.6 51.0 76.4





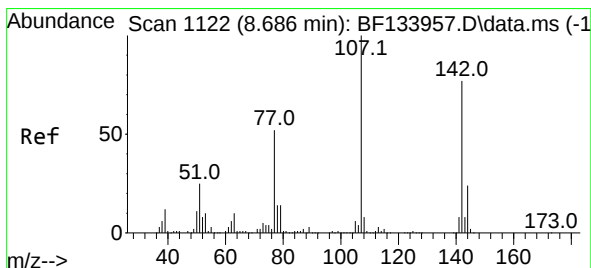
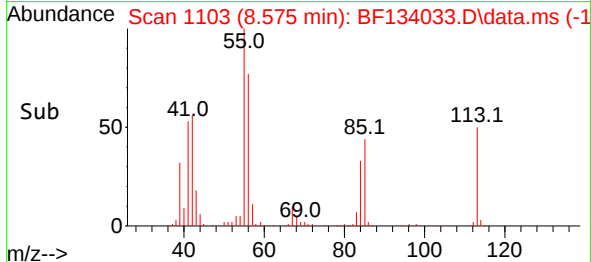
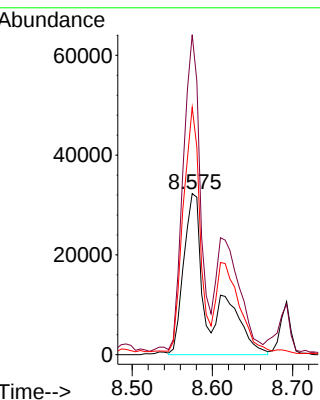
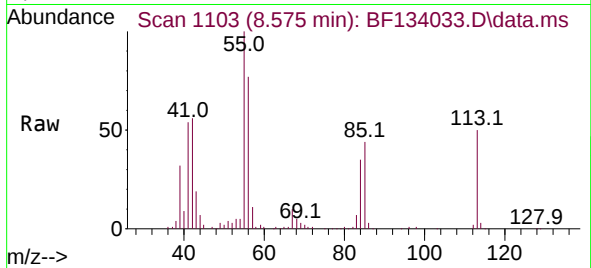
#35
Caprolactam
Concen: 32.386 ng m
RT: 8.575 min Scan# 1105
Delta R.T. -0.012 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:113 Resp: 73100
Ion Ratio Lower Upper
113 100
55 198.6 170.2 210.2
56 153.5 121.4 161.4

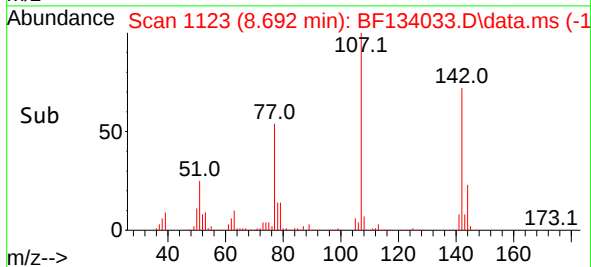
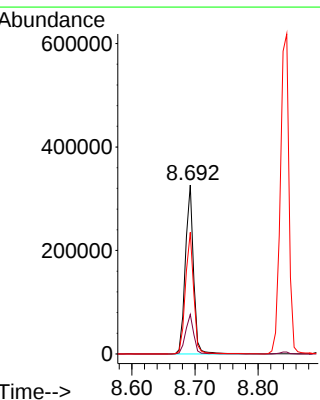
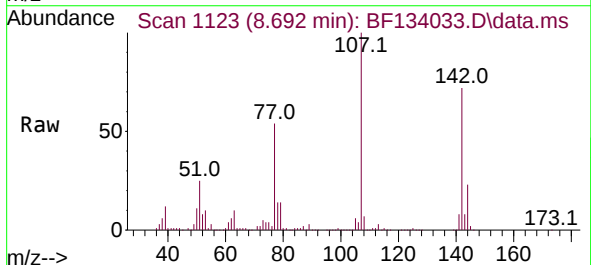
Manual Integrations
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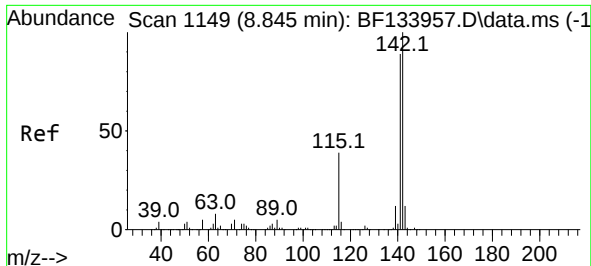
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#36
4-Chloro-3-methylphenol
Concen: 37.926 ng
RT: 8.692 min Scan# 1123
Delta R.T. 0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Tgt Ion:107 Resp: 292068
Ion Ratio Lower Upper
107 100
144 23.4 19.6 29.4
142 72.0 61.4 92.2





#37

2-Methylnaphthalene

Concen: 35.226 ng

RT: 8.845 min Scan# 1149

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:142 Resp: 58434

Ion Ratio Lower Upper

142 100

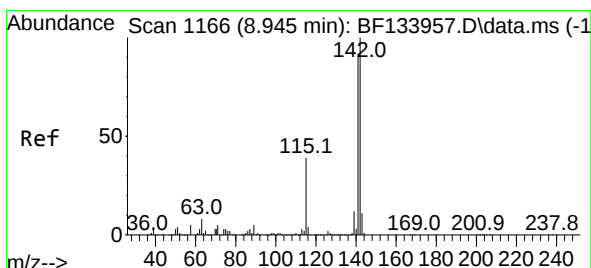
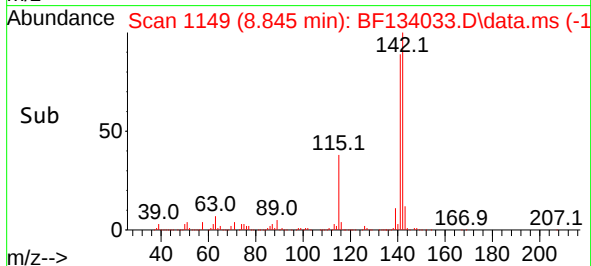
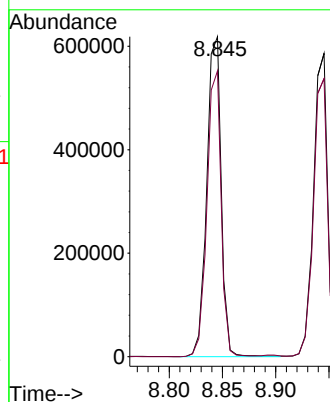
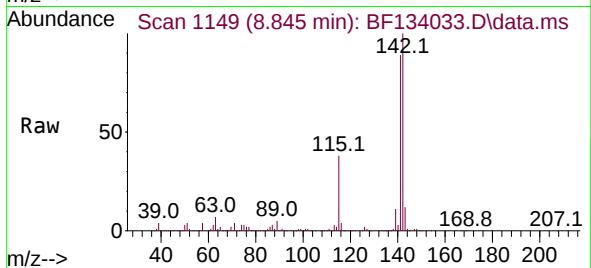
141 89.3 71.0 106.4

Manual Integrations

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Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#38

1-Methylnaphthalene

Concen: 34.658 ng

RT: 8.945 min Scan# 1166

Delta R.T. 0.000 min

Lab File: BF134033.D

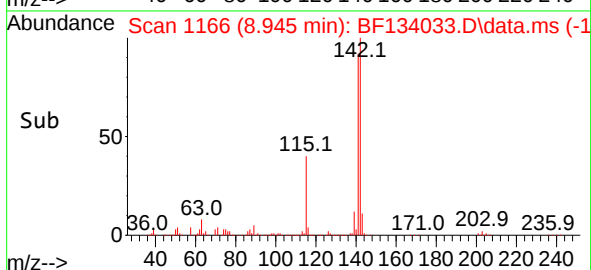
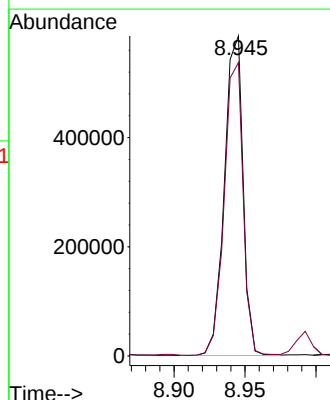
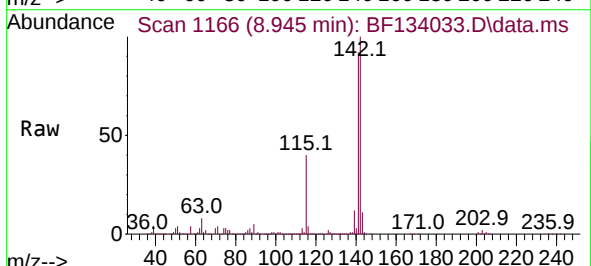
Acq: 29 Jun 2023 13:05

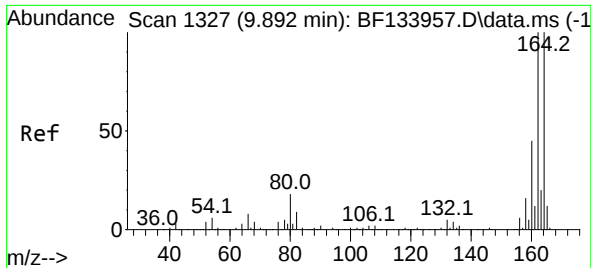
Tgt Ion:142 Resp: 534472

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: BF134033.D

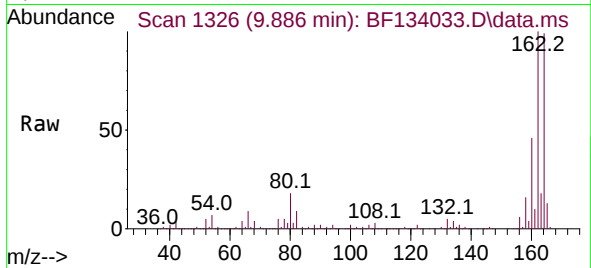
Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD



Tgt Ion:164 Resp: 249918

Ion Ratio Lower Upper

164 100

162 101.2 80.0 120.0

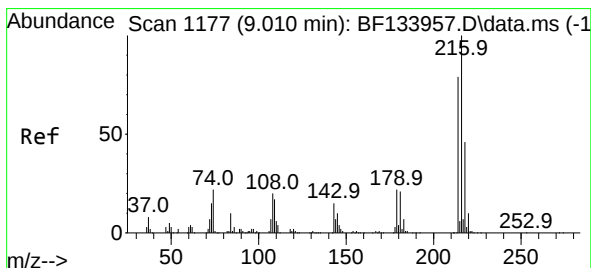
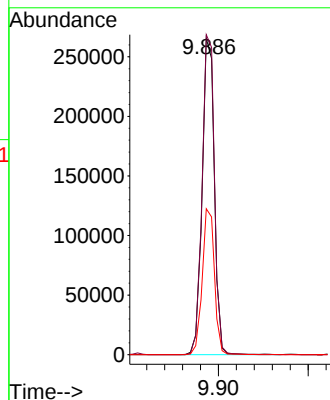
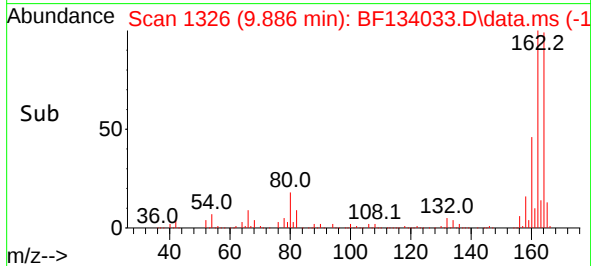
160 46.1 35.9 53.9

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: 37.178 ng

RT: 9.010 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:216 Resp: 275277

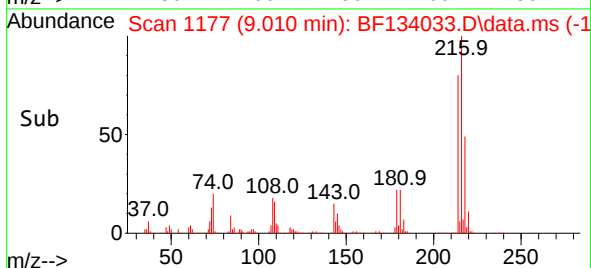
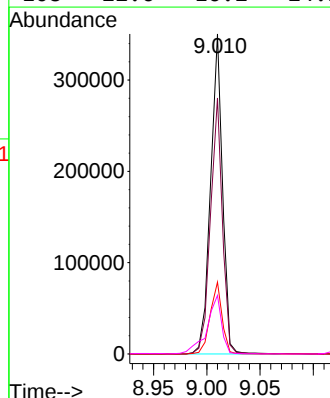
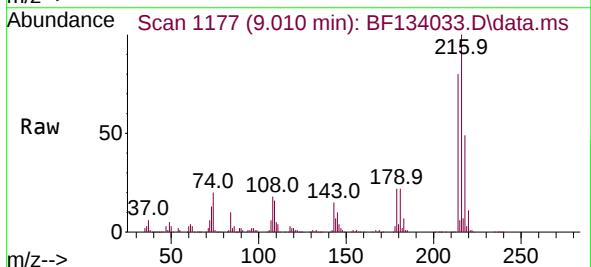
Ion Ratio Lower Upper

216 100

214 79.9 64.1 96.1

179 22.4 17.3 25.9

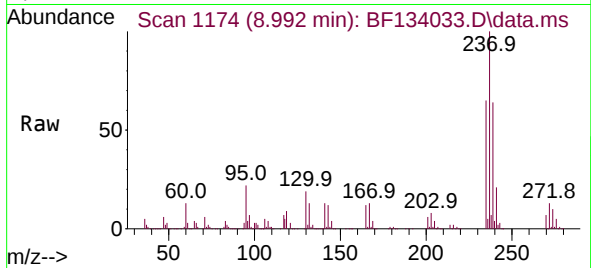
108 22.6 16.2 24.2





#41
Hexachlorocyclopentadiene
Concen: 77.297 ng
RT: 8.992 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

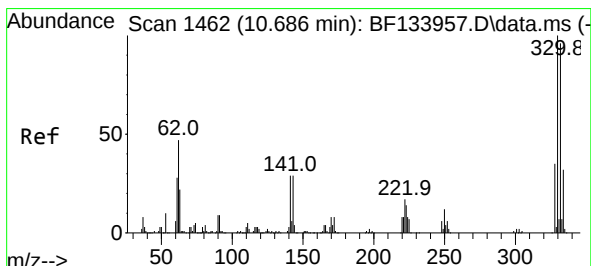
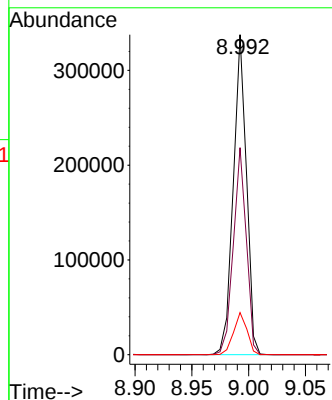
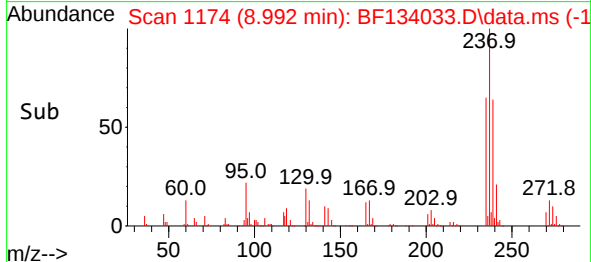
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



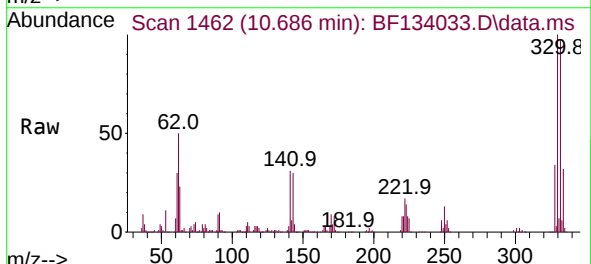
Tgt Ion:237 Resp: 271520
Ion Ratio Lower Upper
237 100
235 64.7 42.8 82.8
272 13.1 0.0 34.6

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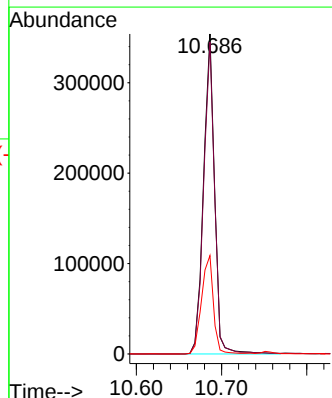
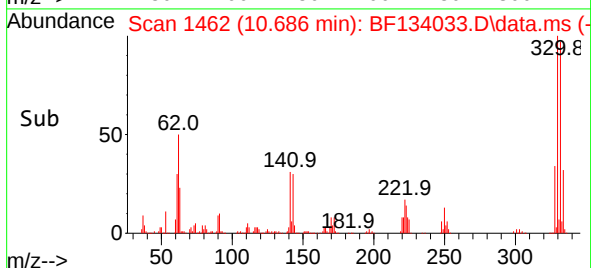
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

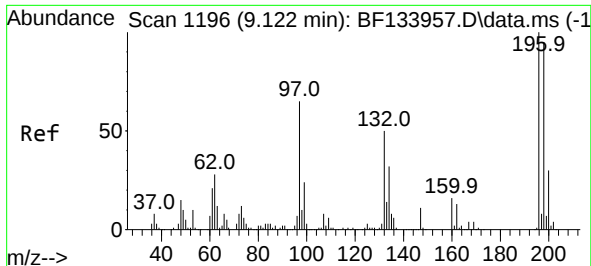


#42
2,4,6-Tribromophenol
Concen: 101.373 ng
RT: 10.686 min Scan# 1462
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



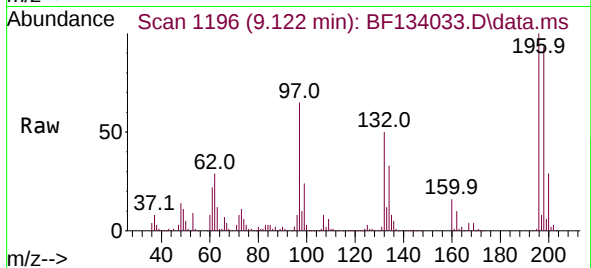
Tgt Ion:330 Resp: 317649
Ion Ratio Lower Upper
330 100
332 97.5 77.0 115.6
141 33.2 26.3 39.5





#43
2,4,6-Trichlorophenol
Concen: 37.735 ng
RT: 9.122 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

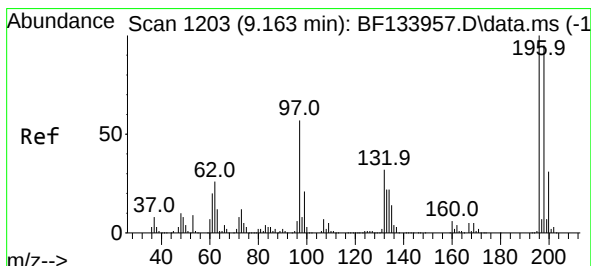
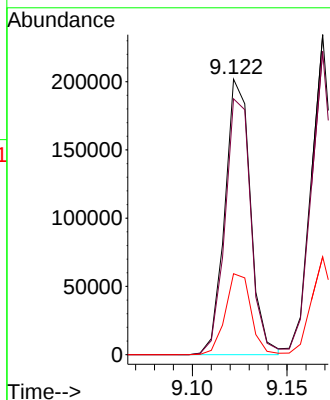
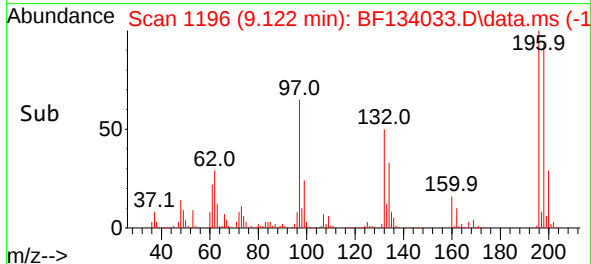
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



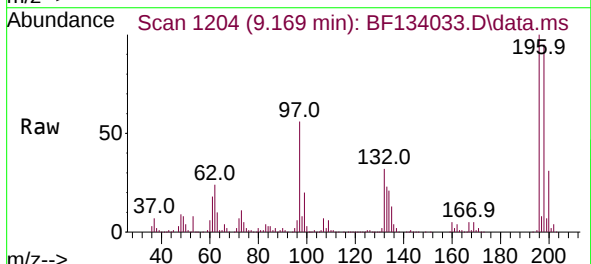
Tgt Ion:196 Resp: 190190
Ion Ratio Lower Upper
196 100
198 92.9 75.6 113.4
200 29.4 24.4 36.6

Manual Integrations
APPROVED

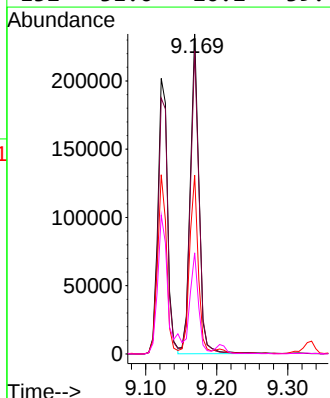
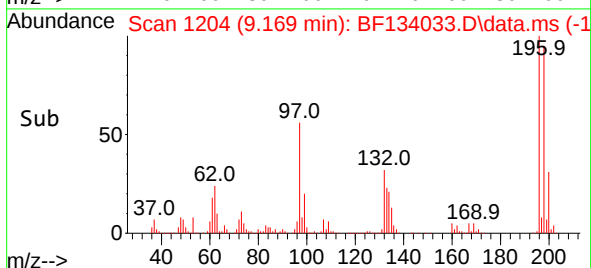
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

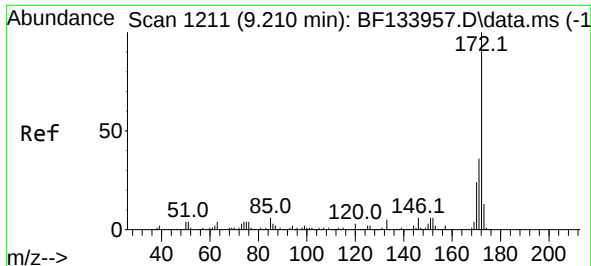


#44
2,4,5-Trichlorophenol
Concen: 33.877 ng
RT: 9.169 min Scan# 1204
Delta R.T. 0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion:196 Resp: 200851
Ion Ratio Lower Upper
196 100
198 94.7 75.7 113.5
97 55.9 45.8 68.6
132 31.6 26.2 39.4





#45

2-Fluorobiphenyl

Concen: 66.381 ng

RT: 9.204 min Scan# 1210

Delta R.T. -0.006 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:172 Resp: 114105

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

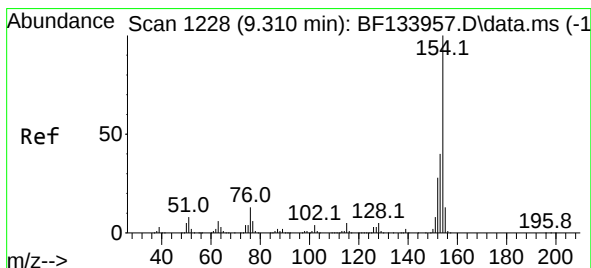
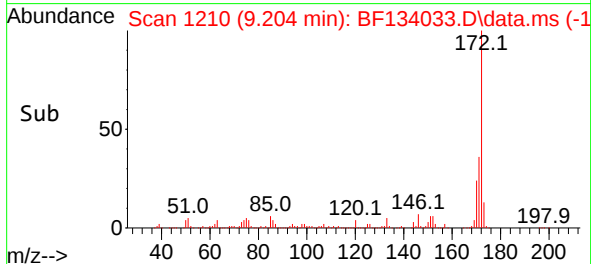
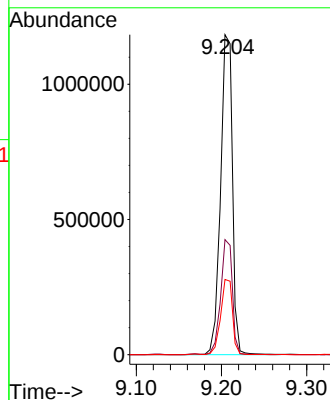
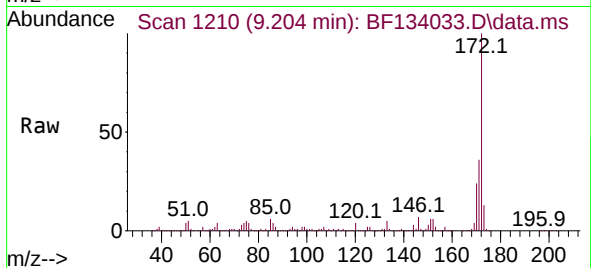
170 23.5 19.4 29.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#46

1,1'-Biphenyl

Concen: 36.887 ng

RT: 9.310 min Scan# 1228

Delta R.T. -0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

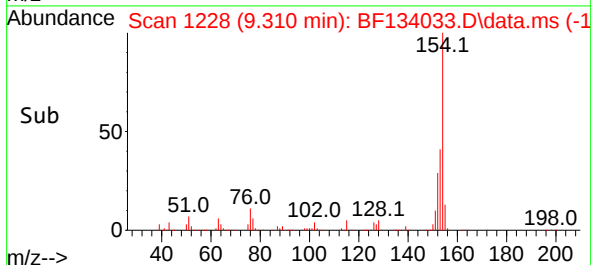
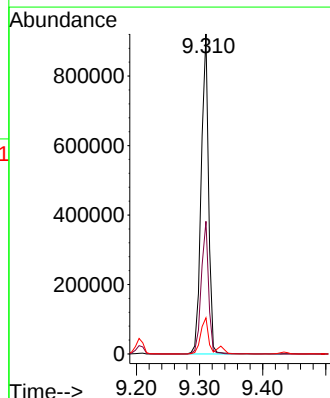
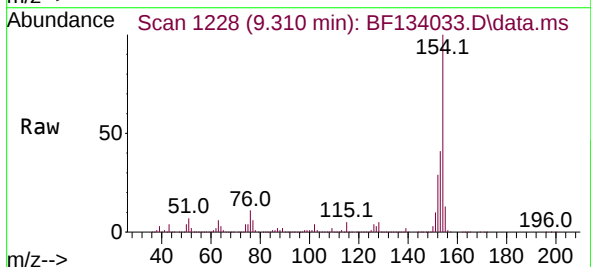
Tgt Ion:154 Resp: 739490

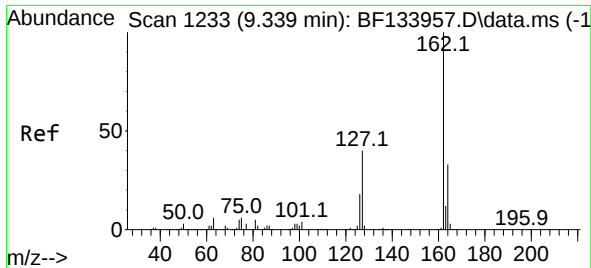
Ion Ratio Lower Upper

154 100

153 41.4 19.8 59.8

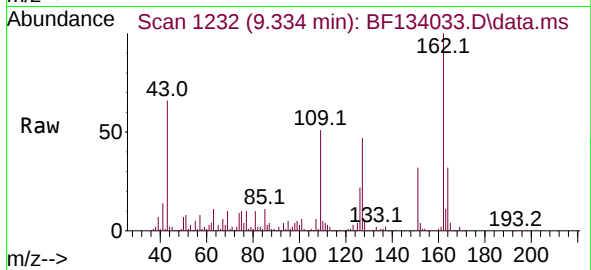
76 11.3 0.0 32.9





#47
2-Chloronaphthalene
Concen: 33.977 ng
RT: 9.334 min Scan# 1233
Delta R.T. -0.005 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

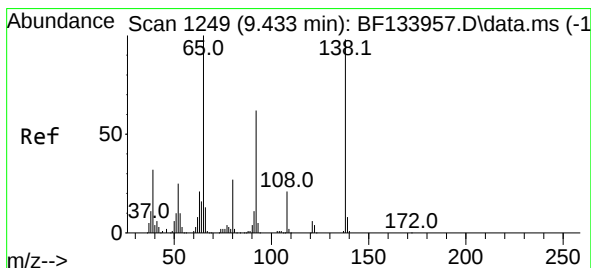
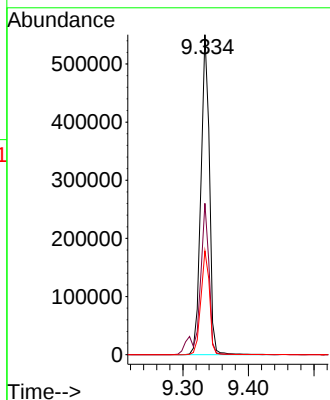
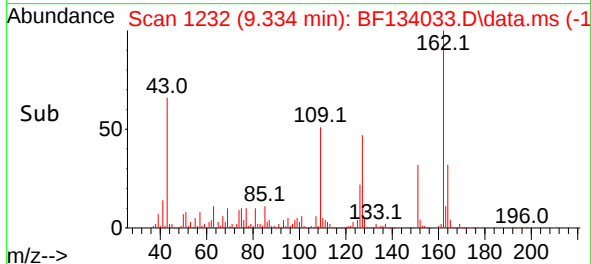
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:162 Resp: 49837
Ion Ratio Lower Upper
162 100
127 47.3 32.9 49.3
164 32.5 26.1 39.1

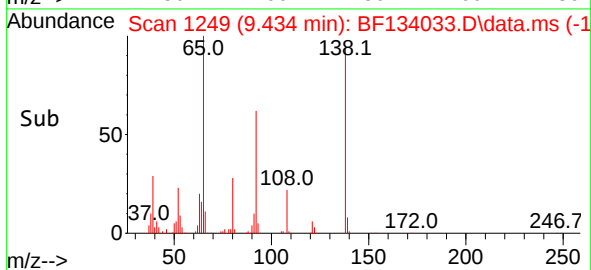
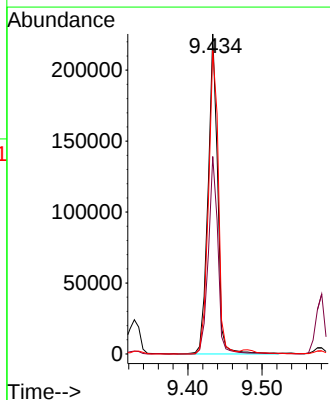
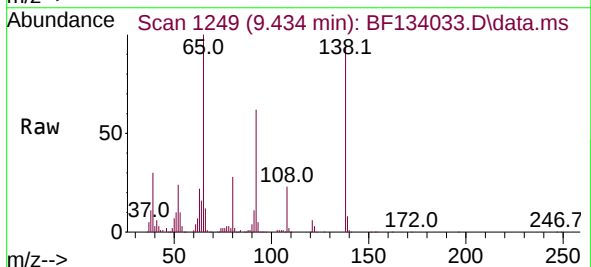
Manual Integrations
APPROVED

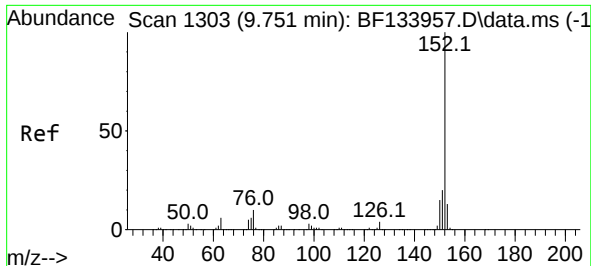
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#48
2-Nitroaniline
Concen: 37.888 ng
RT: 9.434 min Scan# 1249
Delta R.T. 0.001 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

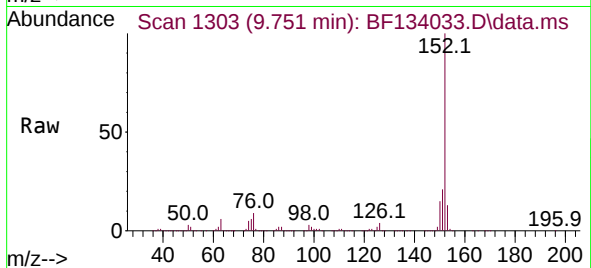
Tgt Ion: 65 Resp: 202538
Ion Ratio Lower Upper
65 100
92 61.7 49.5 74.3
138 94.8 78.0 117.0





#49
Acenaphthylene
Concen: 36.612 ng
RT: 9.751 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

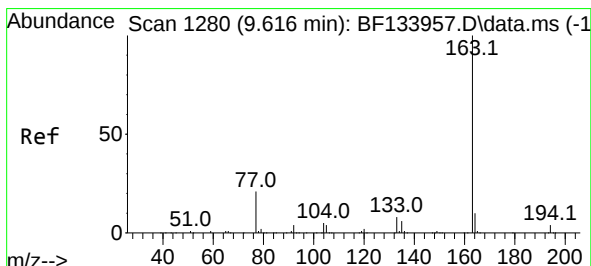
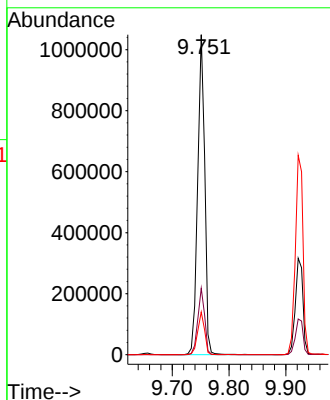
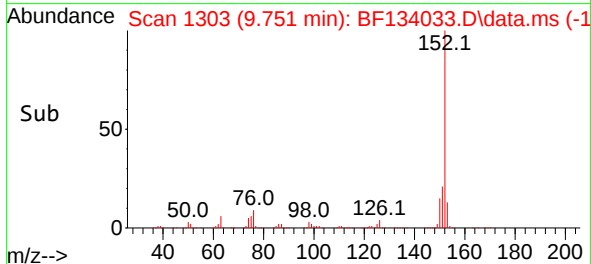
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



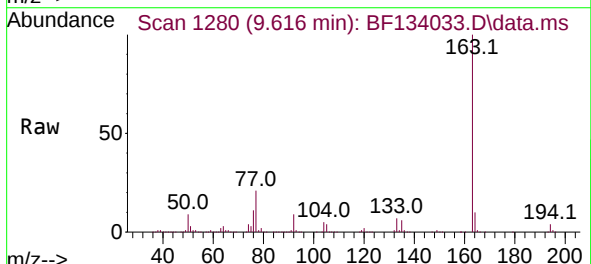
Tgt Ion:152 Resp: 917375
Ion Ratio Lower Upper
152 100
151 20.8 16.2 24.2
153 13.3 10.8 16.2

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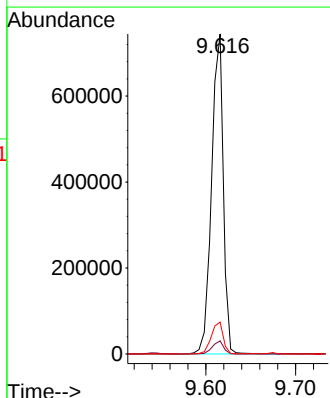
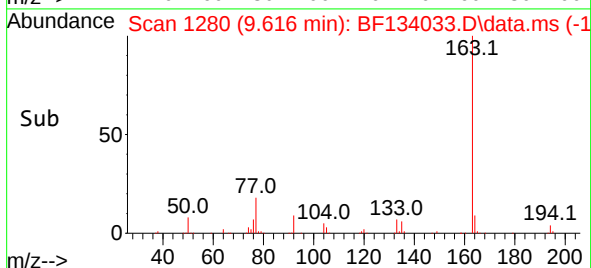
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

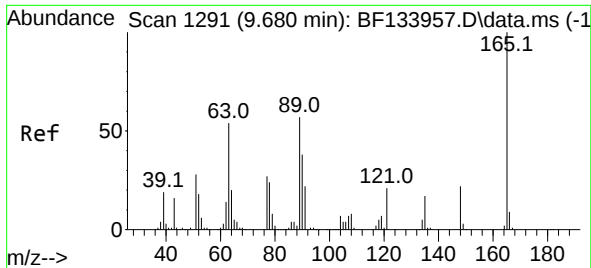


#50
Dimethylphthalate
Concen: 37.182 ng
RT: 9.616 min Scan# 1280
Delta R.T. -0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



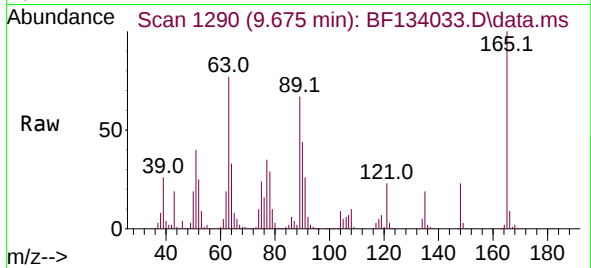
Tgt Ion:163 Resp: 674534
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 9.9 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 37.423 ng
RT: 9.675 min Scan# 1290
Delta R.T. -0.005 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

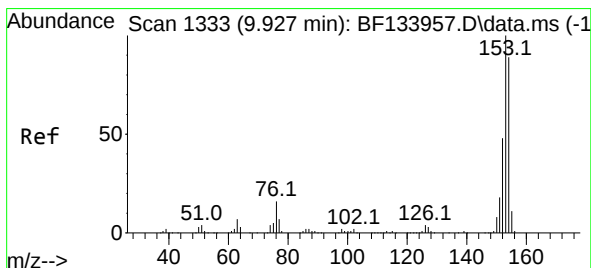
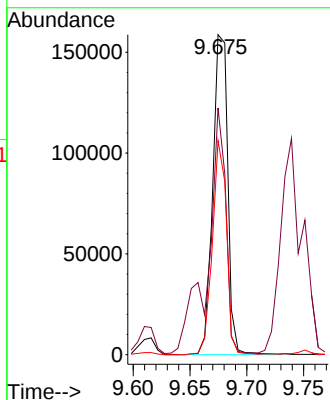
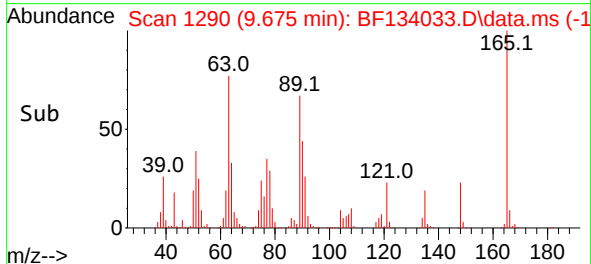
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



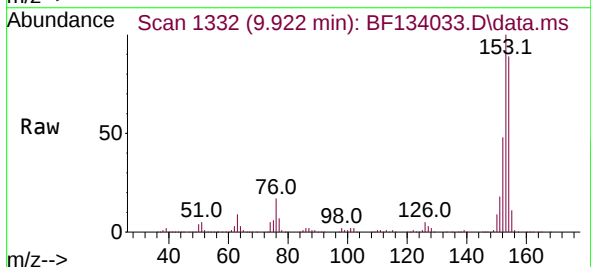
Tgt Ion:165 Resp: 146220
Ion Ratio Lower Upper
165 100
63 77.1 48.5 72.7
89 66.9 45.5 68.3

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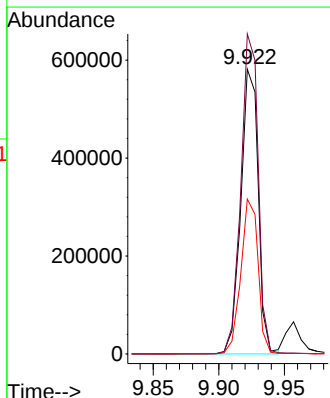
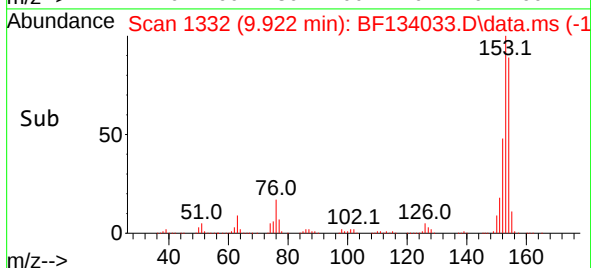
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

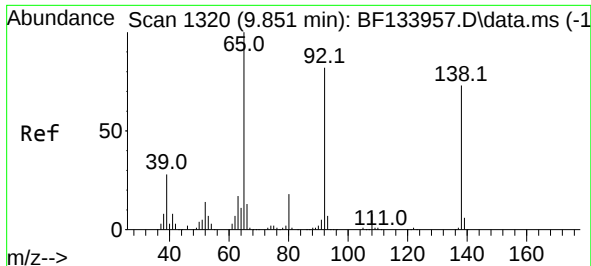


#52
Acenaphthene
Concen: 37.121 ng
RT: 9.922 min Scan# 1332
Delta R.T. -0.005 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion:154 Resp: 539708
Ion Ratio Lower Upper
154 100
153 112.4 89.4 134.2
152 54.4 42.8 64.2





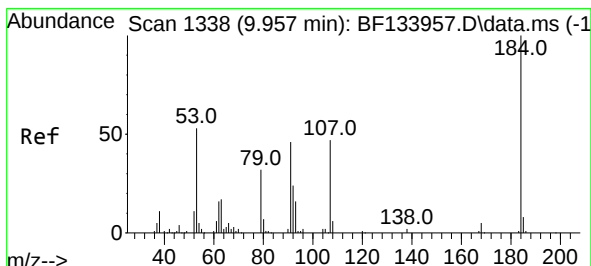
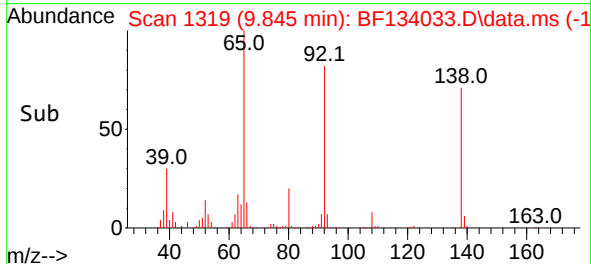
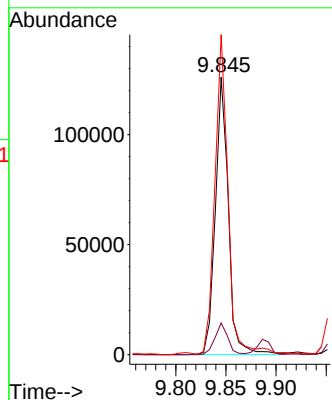
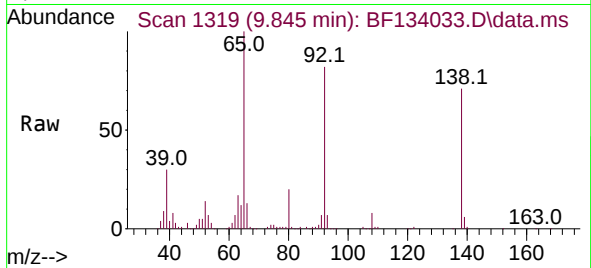
#53
3-Nitroaniline
Concen: 24.306 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Instrument :
BNA_F
ClientSampleId :
WC-6MSD

Tgt Ion:138 Resp: 11393
Ion Ratio Lower Upper
138 100
108 11.4 8.4 12.6
92 115.3 90.1 135.1

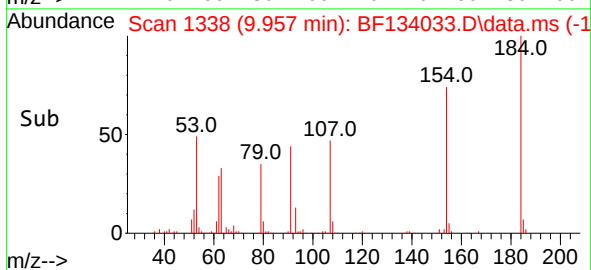
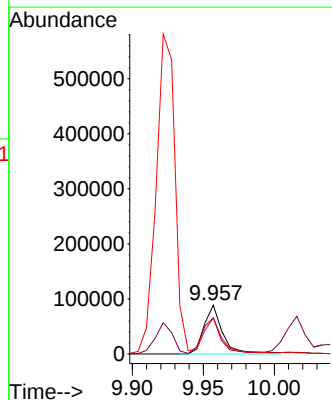
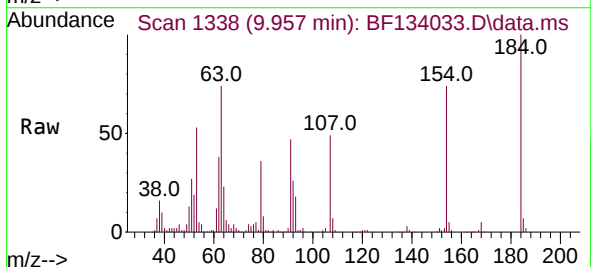
Manual Integrations
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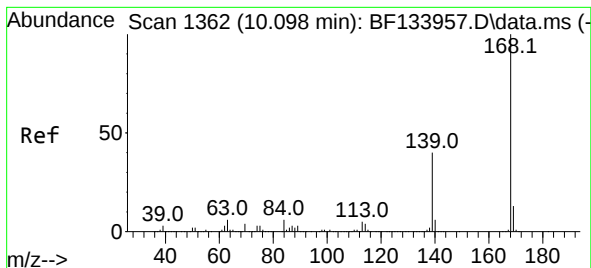
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#54
2,4-Dinitrophenol
Concen: 38.242 ng
RT: 9.957 min Scan# 1338
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

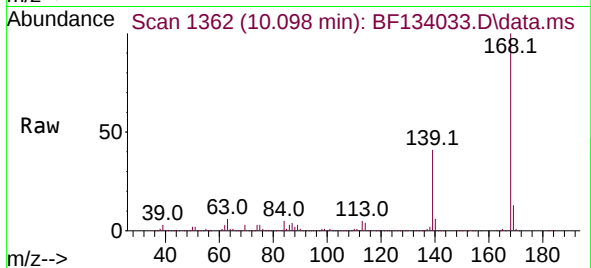
Tgt Ion:184 Resp: 81514
Ion Ratio Lower Upper
184 100
63 73.8 56.9 85.3
154 74.1 55.4 83.0





#55
Dibenzofuran
Concen: 36.082 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

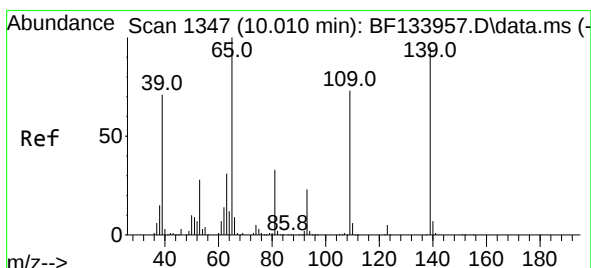
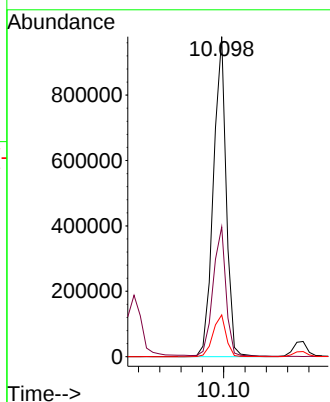
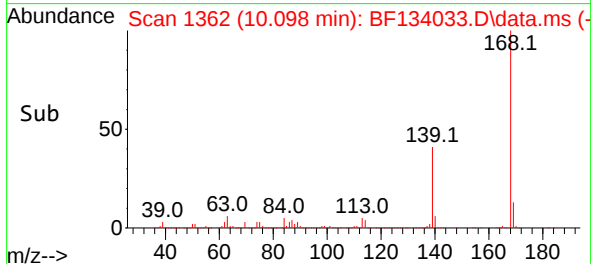
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



Tgt Ion:168 Resp: 819874
Ion Ratio Lower Upper
168 100
139 40.6 32.0 48.0
169 13.1 10.6 16.0

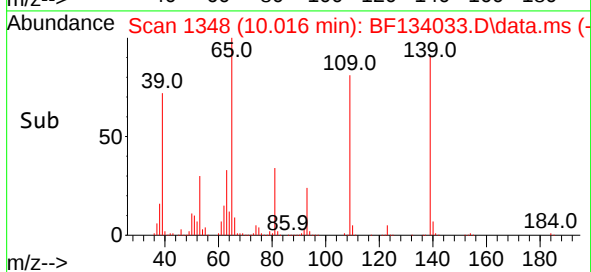
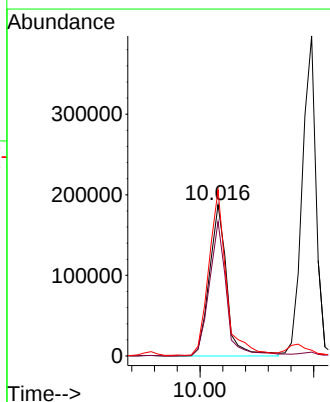
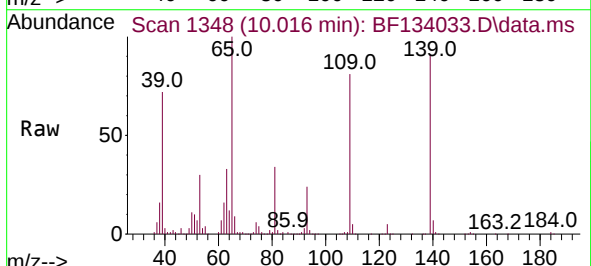
Manual Integrations
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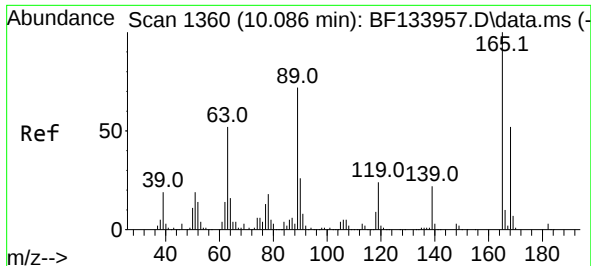
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023



#56
4-Nitrophenol
Concen: 60.667 ng
RT: 10.016 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Tgt Ion:139 Resp: 198920
Ion Ratio Lower Upper
139 100
109 88.8 56.8 96.8
65 109.6 86.1 126.1





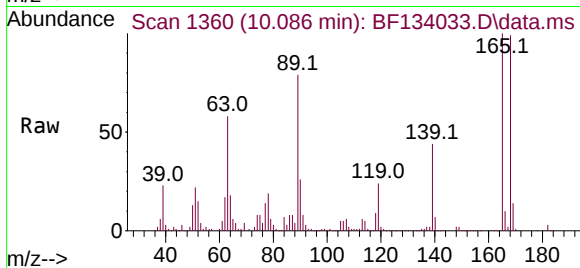
#57
2,4-Dinitrotoluene
Concen: 36.848 ng
RT: 10.086 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

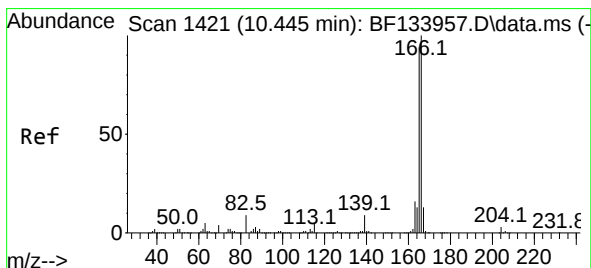
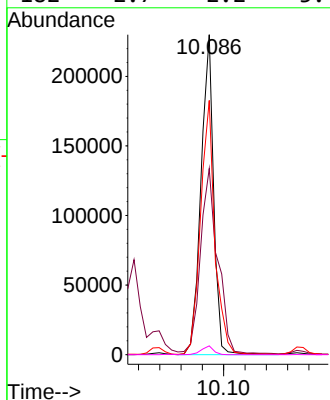
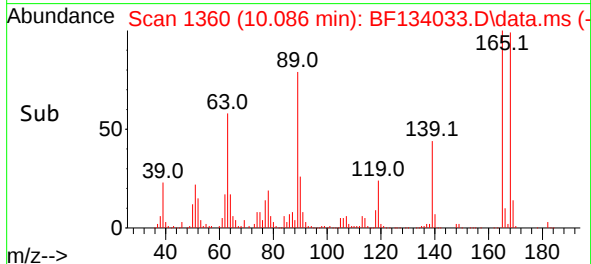


Tgt Ion:165 Resp: 190142
Ion Ratio Lower Upper
165 100
63 58.2 42.2 63.2
89 79.4 57.4 86.2
182 2.7 2.2 3.4

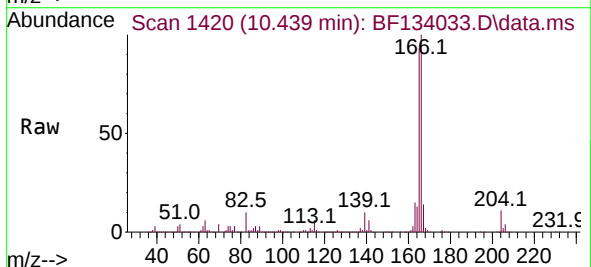
Manual Integrations

APPROVED

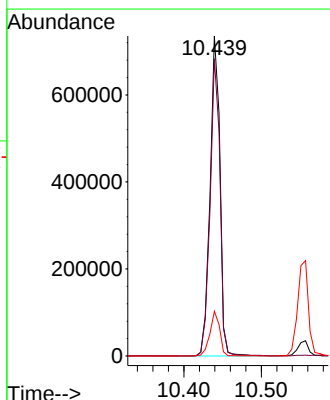
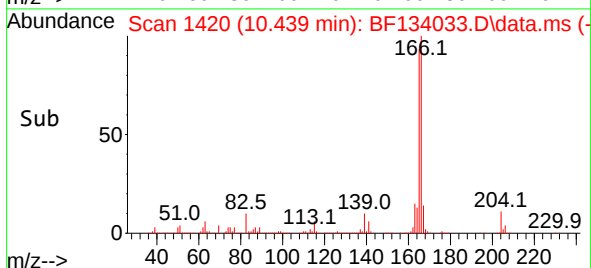
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

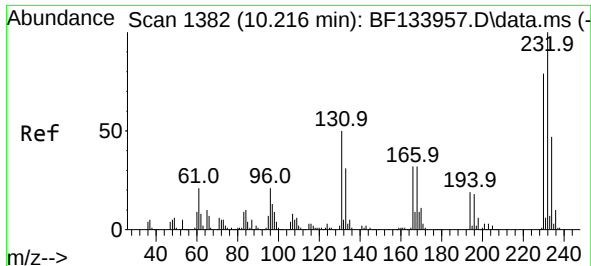


#58
Fluorene
Concen: 36.830 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



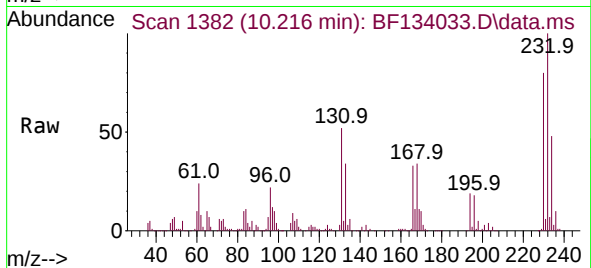
Tgt Ion:166 Resp: 651076
Ion Ratio Lower Upper
166 100
165 92.9 75.0 112.4
167 14.0 10.6 15.8





#59
2,3,4,6-Tetrachlorophenol
Concen: 36.283 ng
RT: 10.216 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

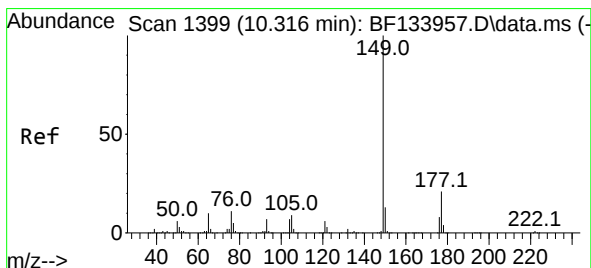
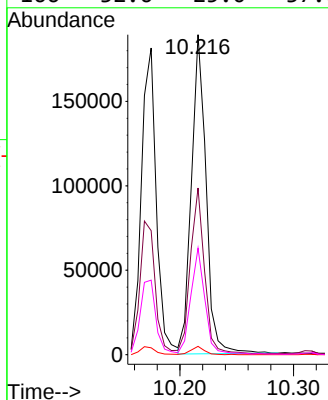
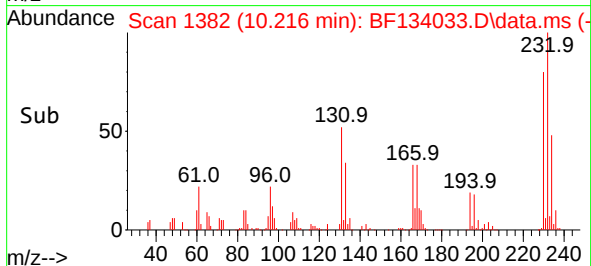
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



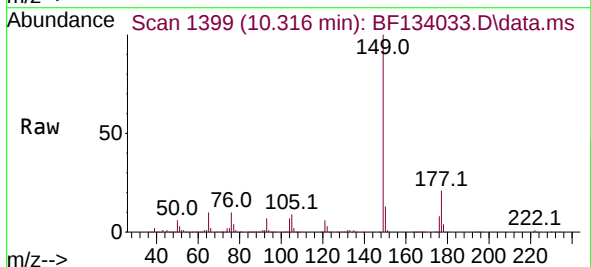
Tgt Ion:232 Resp: 16968
Ion Ratio Lower Upper
232 100
131 50.7 39.3 58.9
130 2.4 1.8 2.6
166 32.6 25.0 37.6

Manual Integrations
APPROVED

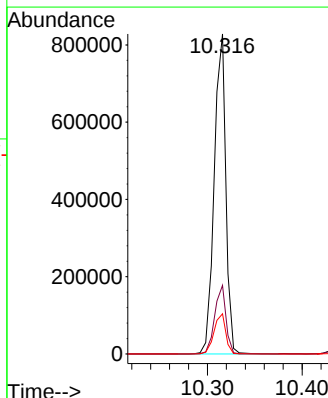
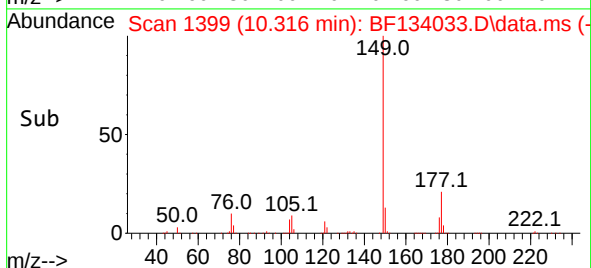
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

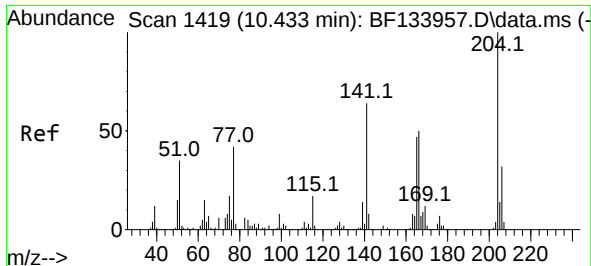


#60
Diethylphthalate
Concen: 37.383 ng
RT: 10.316 min Scan# 1399
Delta R.T. -0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



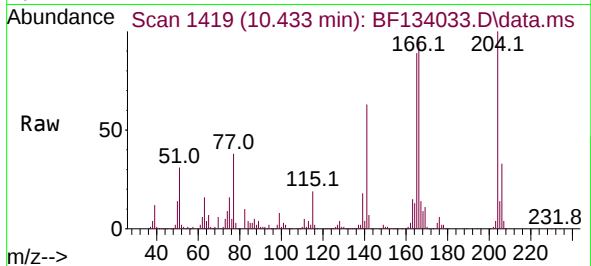
Tgt Ion:149 Resp: 706575
Ion Ratio Lower Upper
149 100
177 21.4 17.0 25.6
150 12.5 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 36.822 ng
RT: 10.433 min Scan# 1419
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

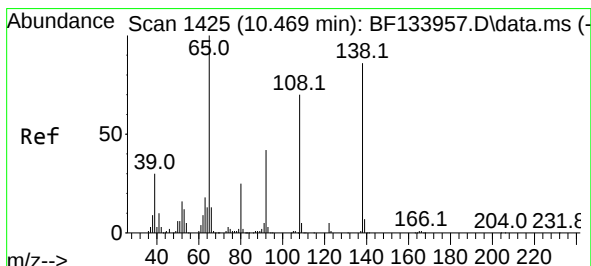
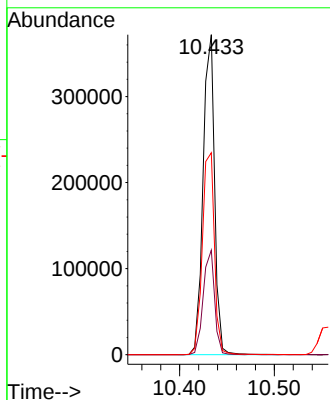
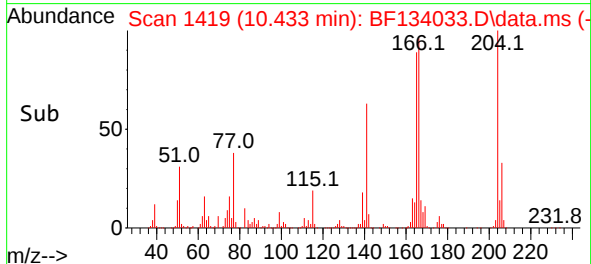
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



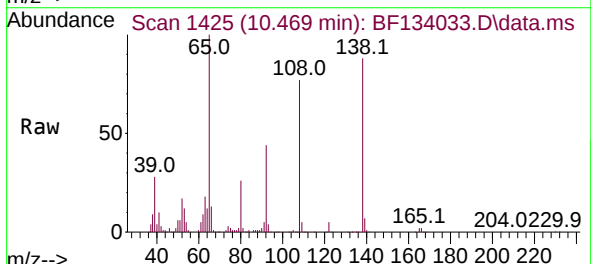
Tgt Ion:204 Resp: 31369
Ion Ratio Lower Upper
204 100
206 32.7 25.8 38.6
141 63.1 51.5 77.3

Manual Integrations
APPROVED

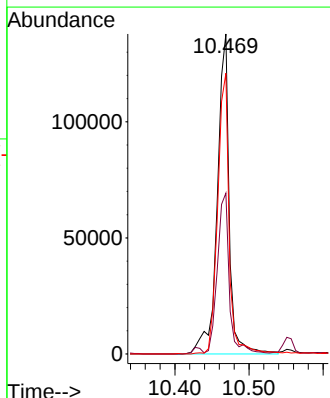
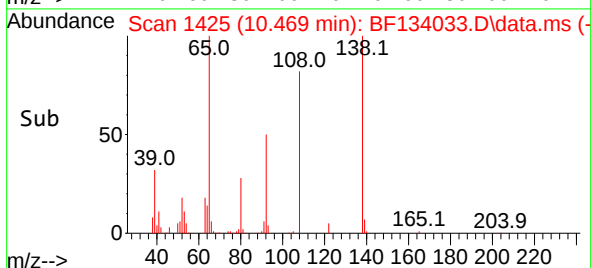
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

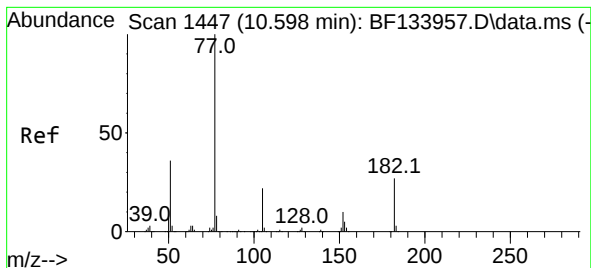


#62
4-Nitroaniline
Concen: 32.865 ng
RT: 10.469 min Scan# 1425
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



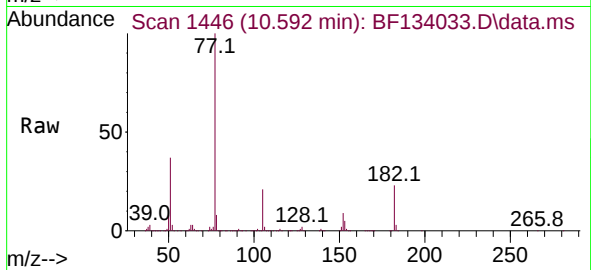
Tgt Ion:138 Resp: 155260
Ion Ratio Lower Upper
138 100
92 50.3 29.7 69.7
108 87.7 62.1 102.1





#63
Azobenzene
Concen: 36.566 ng
RT: 10.592 min Scan# 1447
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

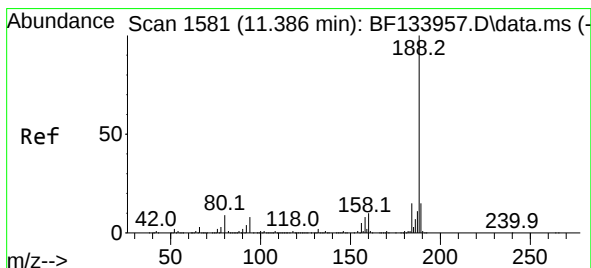
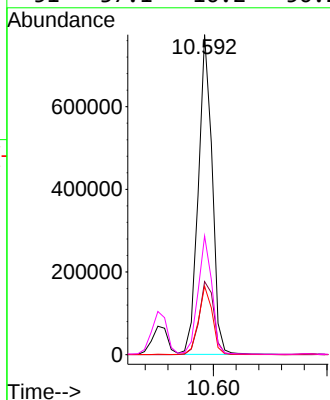
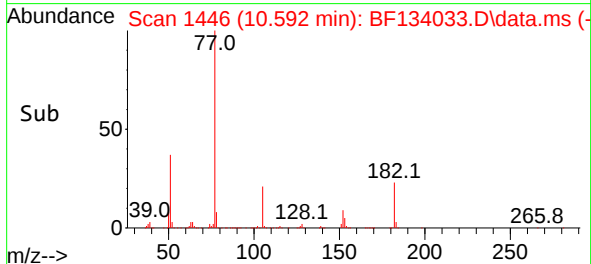
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



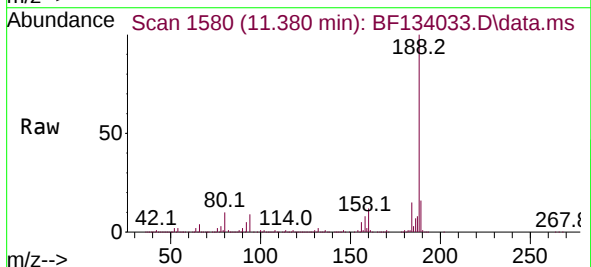
Tgt Ion: 77 Resp: 65374
Ion Ratio Lower Upper
77 100
182 22.8 6.8 46.8
105 21.4 2.3 42.3
51 37.1 16.2 56.2

Manual Integrations
APPROVED

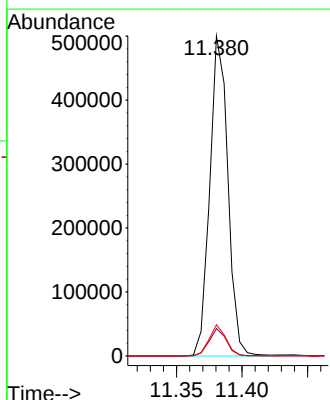
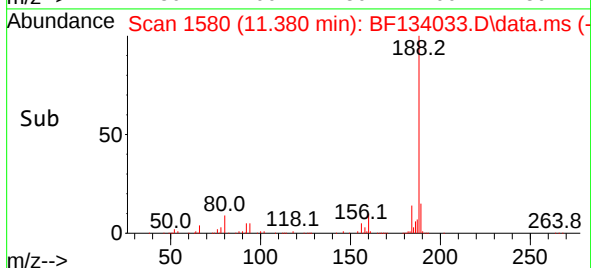
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

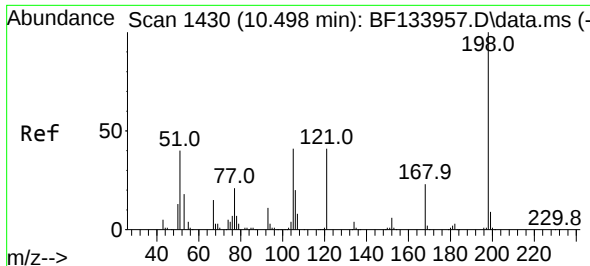


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



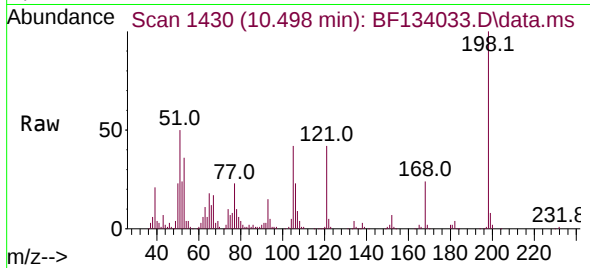
Tgt Ion:188 Resp: 481022
Ion Ratio Lower Upper
188 100
94 8.6 6.4 9.6
80 9.7 7.3 10.9





#65
4,6-Dinitro-2-methylphenol
Concen: 28.353 ng
RT: 10.498 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

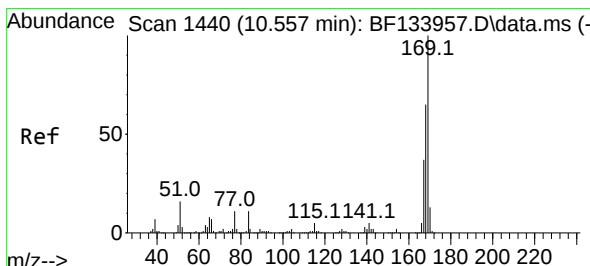
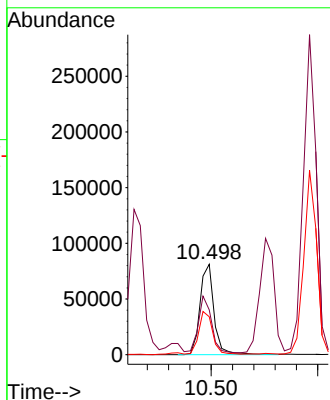
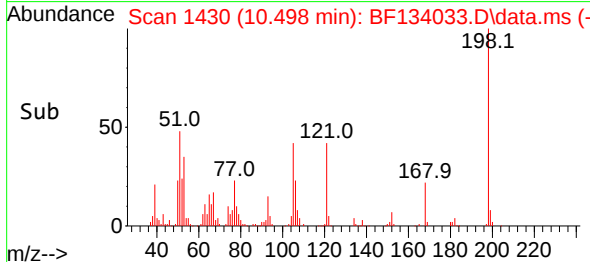
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



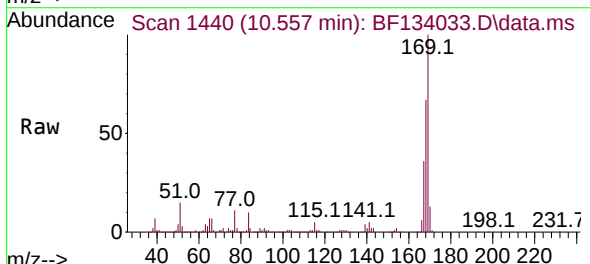
Tgt Ion:198 Resp: 7435
Ion Ratio Lower Upper
198 100
51 49.6 29.3 69.3
105 42.0 22.4 62.4

Manual Integrations
APPROVED

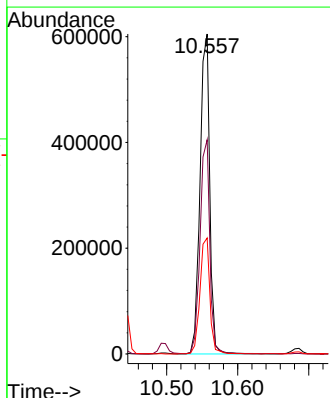
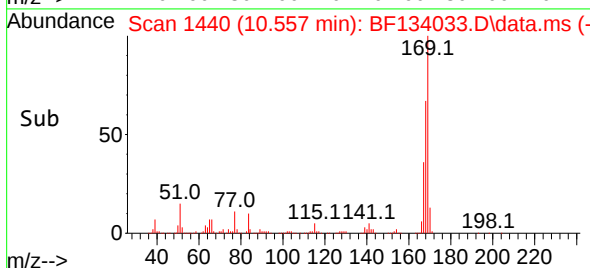
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

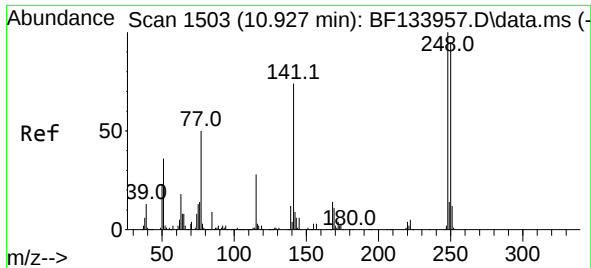


#66
n-Nitrosodiphenylamine
Concen: 37.478 ng
RT: 10.557 min Scan# 1440
Delta R.T. -0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



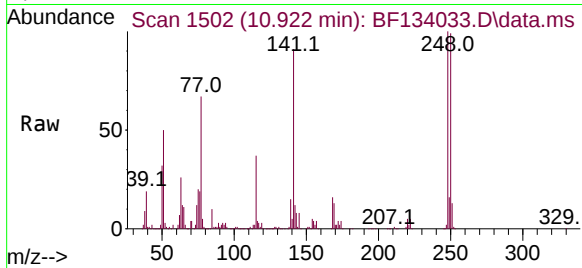
Tgt Ion:169 Resp: 575986
Ion Ratio Lower Upper
169 100
168 67.0 52.3 78.5
167 36.3 29.4 44.0





#67
4-Bromophenyl-phenylether
Concen: 37.864 ng
RT: 10.922 min Scan# 1502
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

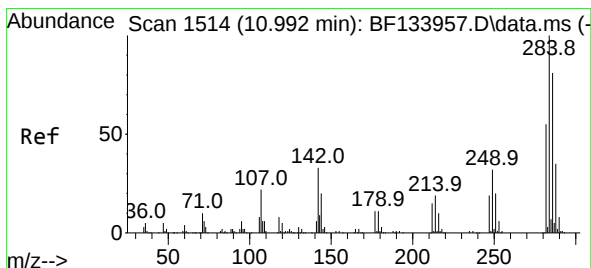
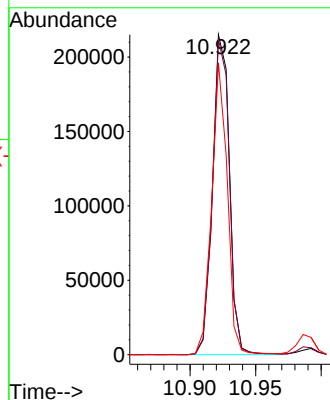
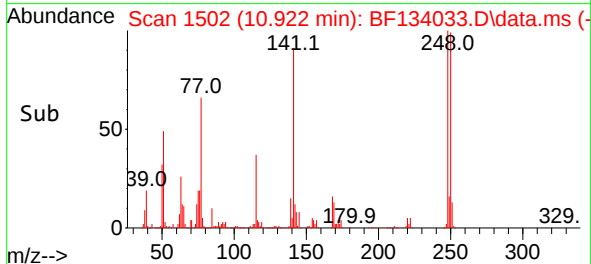
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



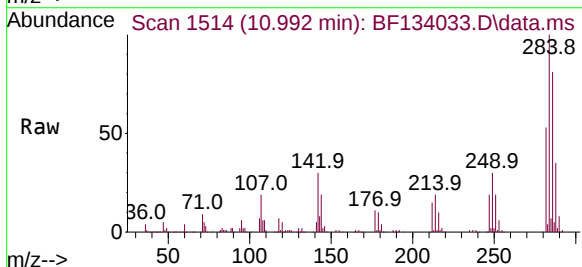
Tgt Ion:248 Resp: 193580
Ion Ratio Lower Upper
248 100
250 98.5 76.2 114.4
141 91.2 59.0 88.4

Manual Integrations
APPROVED

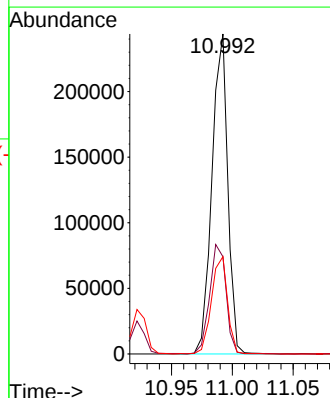
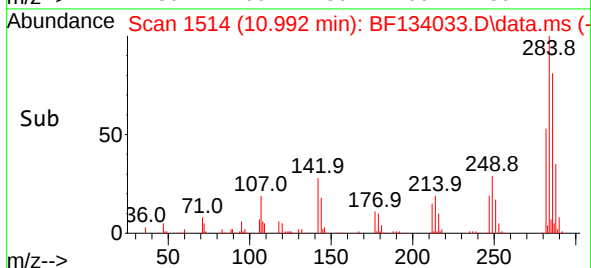
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

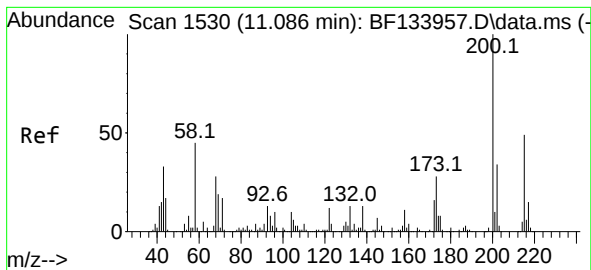


#68
Hexachlorobenzene
Concen: 40.450 ng
RT: 10.992 min Scan# 1514
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion:284 Resp: 219581
Ion Ratio Lower Upper
284 100
142 30.4 26.6 40.0
249 30.4 25.5 38.3





#69

Atrazine

Concen: 44.364 ng

RT: 11.086 min Scan# 1530

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

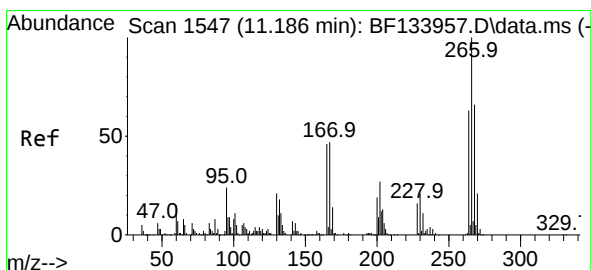
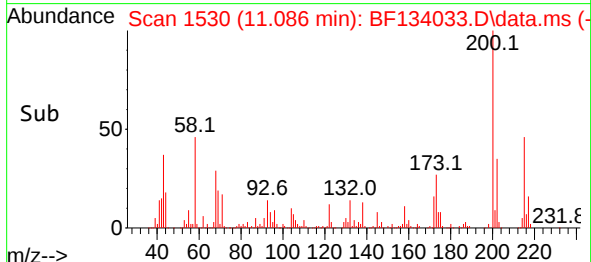
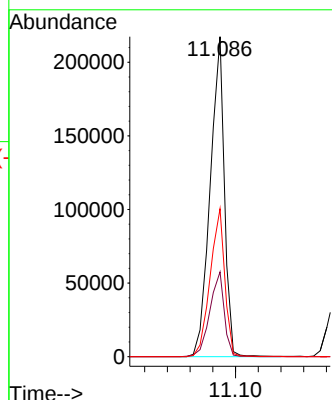
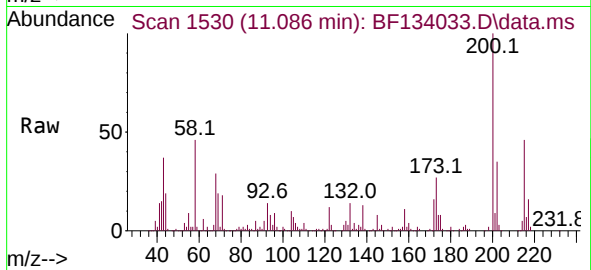
Tgt Ion:200 Resp: 188599
 Ion Ratio Lower Upper
 200 100
 173 26.5 8.0 48.0
 215 46.2 29.3 69.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#70

Pentachlorophenol

Concen: 61.721 ng

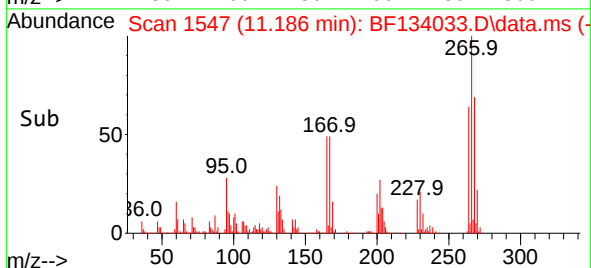
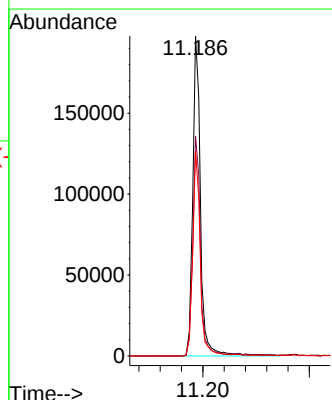
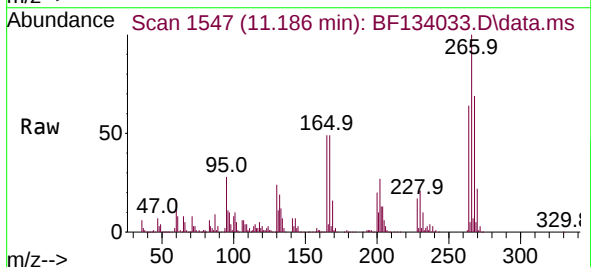
RT: 11.186 min Scan# 1547

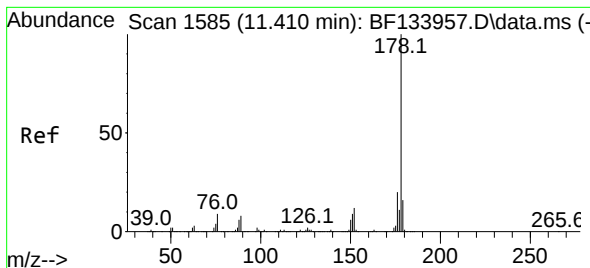
Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:266 Resp: 200333
 Ion Ratio Lower Upper
 266 100
 268 68.6 52.6 79.0
 264 64.0 50.6 76.0





#71

Phenanthrene

Concen: 37.057 ng

RT: 11.410 min Scan# 1585

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:178 Resp: 89734

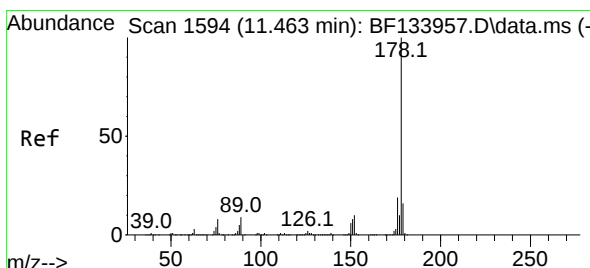
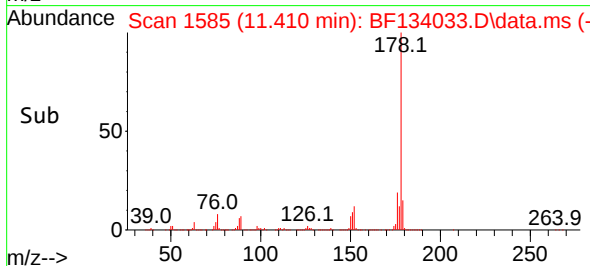
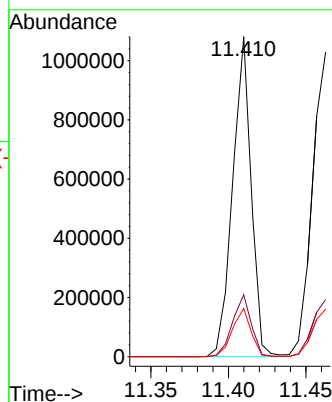
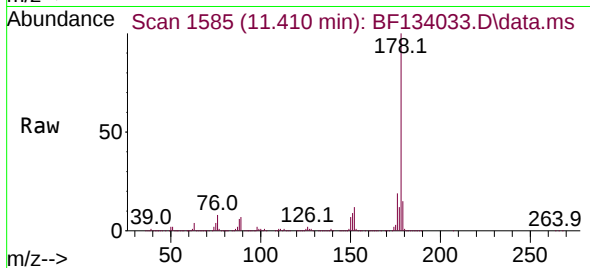
Ion	Ratio	Lower	Upper
178	100		
176	19.4	16.0	24.0
179	15.0	12.4	18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#72

Anthracene

Concen: 37.202 ng

RT: 11.463 min Scan# 1594

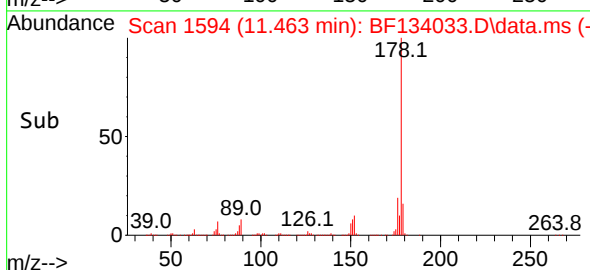
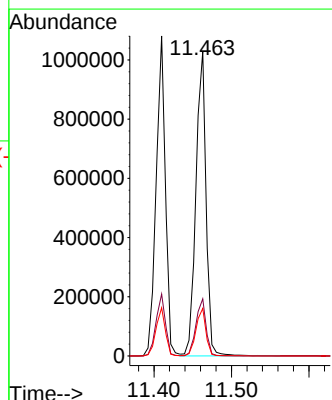
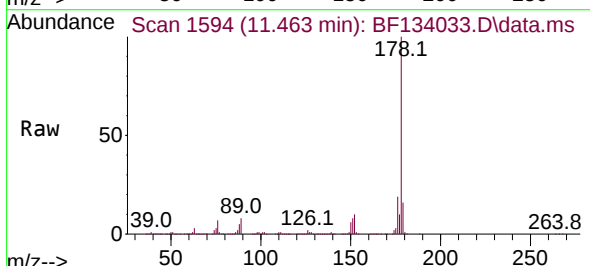
Delta R.T. 0.000 min

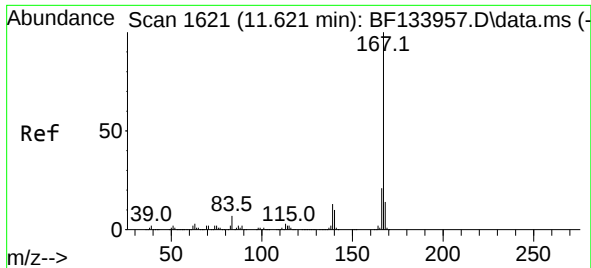
Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:178 Resp: 937009

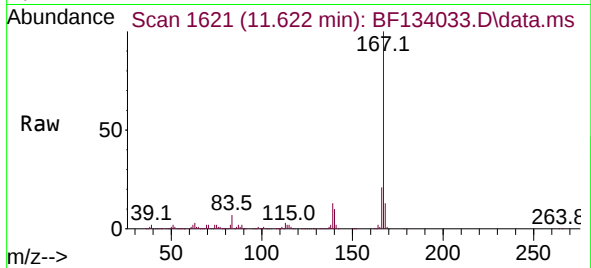
Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.3	22.9
179	15.6	12.4	18.6





#73
 Carbazole
 Concen: 36.301 ng
 RT: 11.622 min Scan# 1621
 Delta R.T. 0.000 min
 Lab File: BF134033.D
 Acq: 29 Jun 2023 13:05

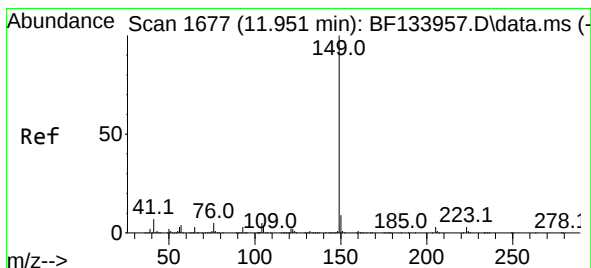
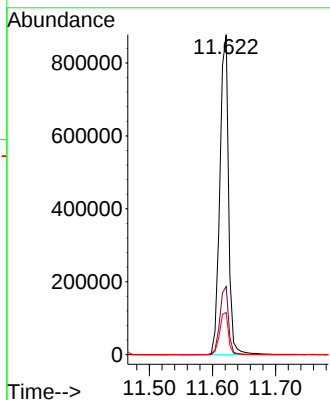
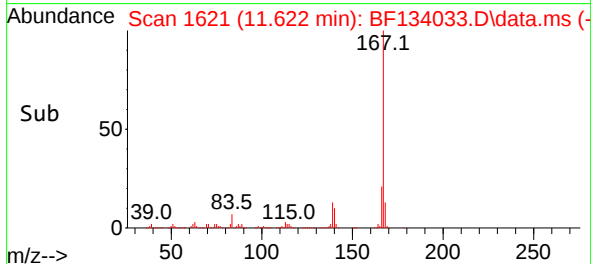
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD



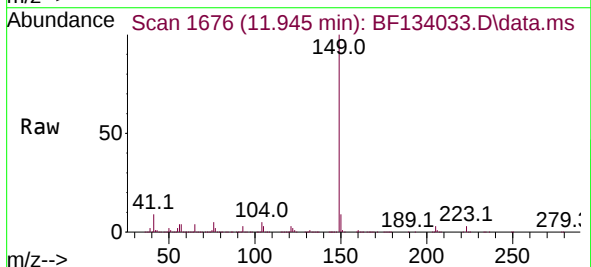
Tgt Ion:167 Resp: 83688
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.0 25.6
 139 13.2 10.4 15.6

Manual Integrations
 APPROVED

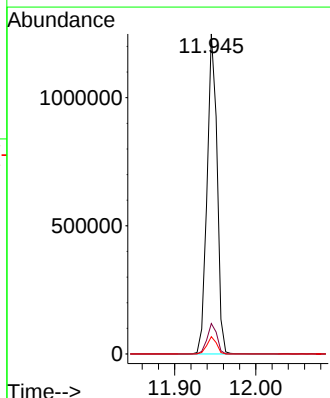
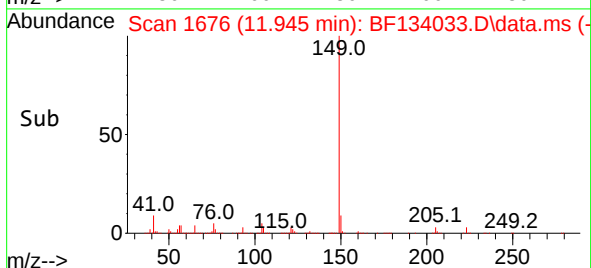
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

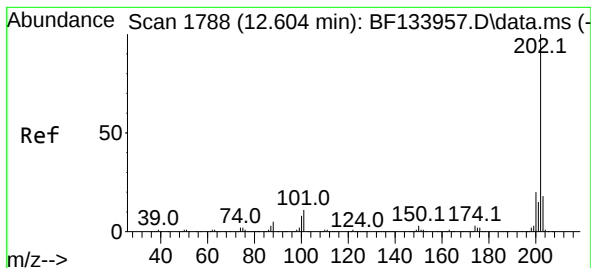


#74
 Di-n-butylphthalate
 Concen: 38.781 ng
 RT: 11.945 min Scan# 1676
 Delta R.T. -0.006 min
 Lab File: BF134033.D
 Acq: 29 Jun 2023 13:05



Tgt Ion:149 Resp: 1063184
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.1 10.7
 104 5.4 4.0 6.0





#75

Fluoranthene

Concen: 35.151 ng

RT: 12.604 min Scan# 1788

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:202 Resp: 920228

Ion Ratio Lower Upper

202 100

101 9.8 0.0 31.0

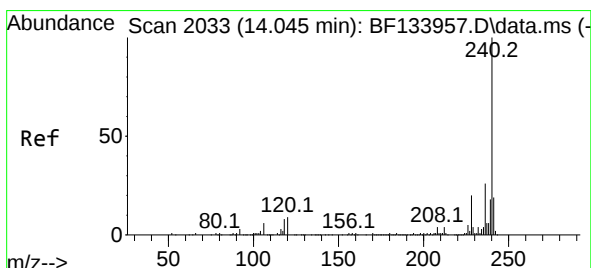
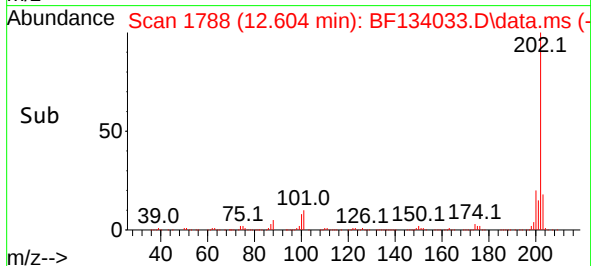
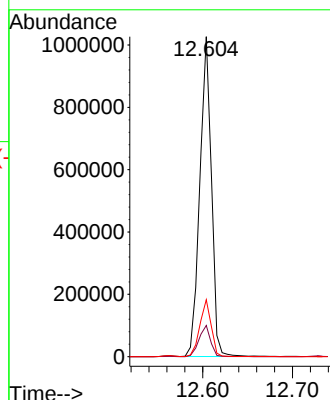
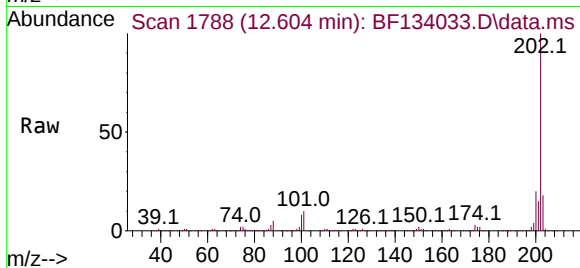
203 17.8 0.0 37.6

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: BF134033.D

Acq: 29 Jun 2023 13:05

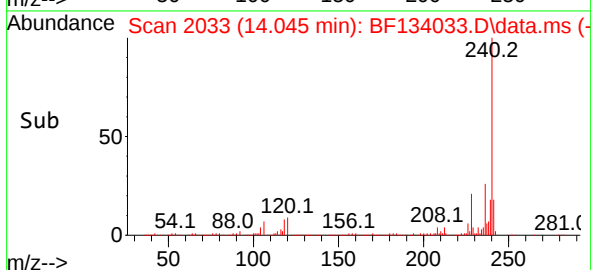
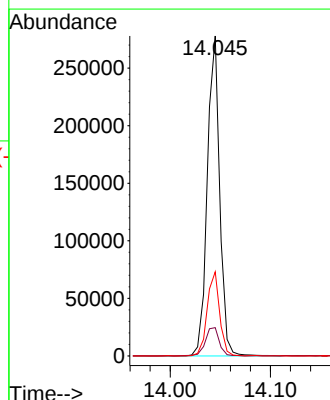
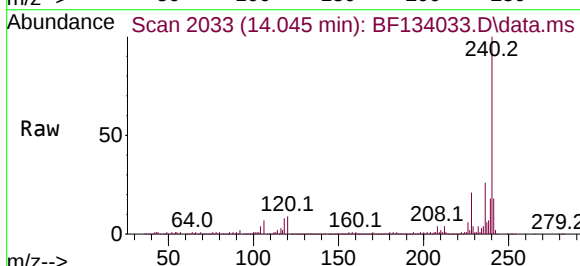
Tgt Ion:240 Resp: 239661

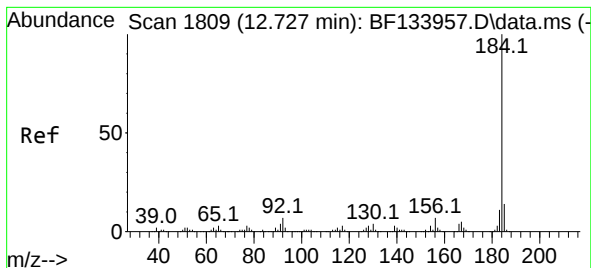
Ion Ratio Lower Upper

240 100

120 8.9 7.4 11.0

236 26.3 21.0 31.6





#77

Benzidine

Concen: 49.930 ng

RT: 12.727 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:184 Resp: 284730

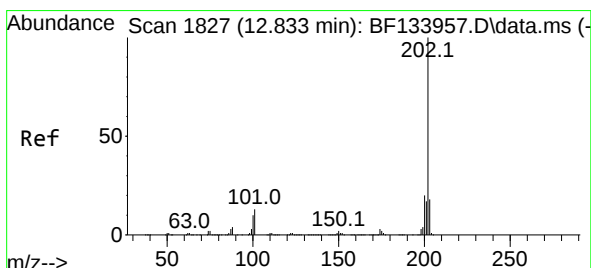
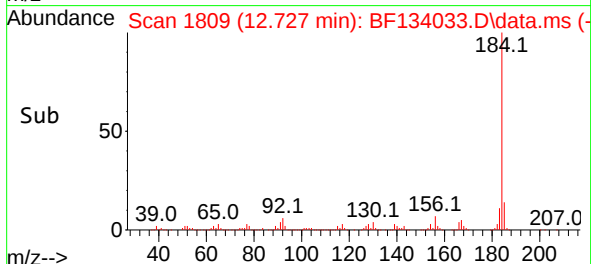
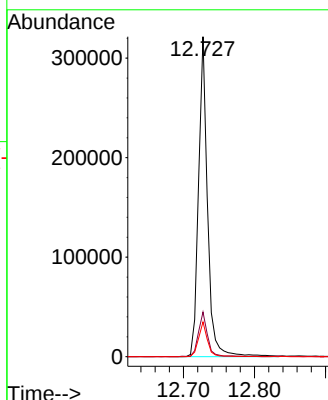
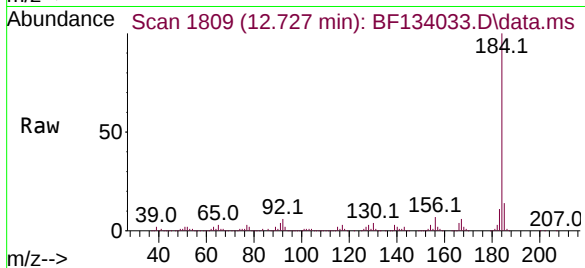
Ion	Ratio	Lower	Upper
184	100		
185	14.0	11.6	17.4
183	10.8	8.8	13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#78

Pyrene

Concen: 40.859 ng

RT: 12.833 min Scan# 1827

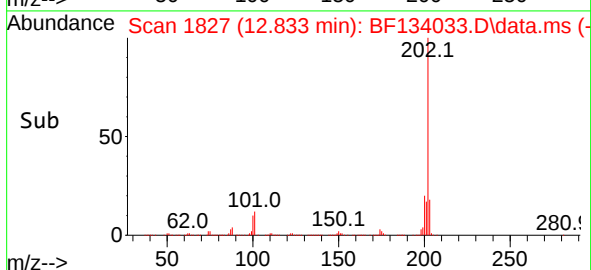
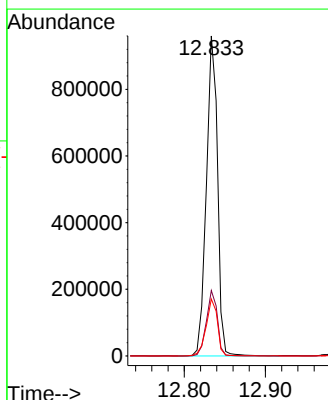
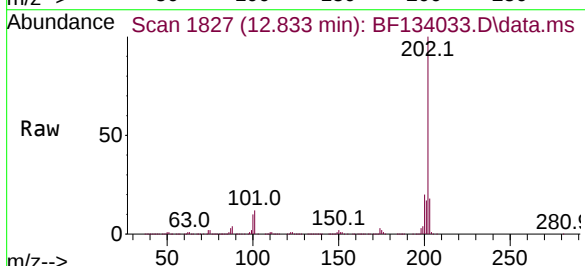
Delta R.T. 0.000 min

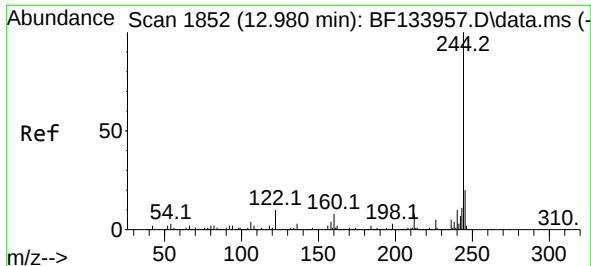
Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:202 Resp: 911318

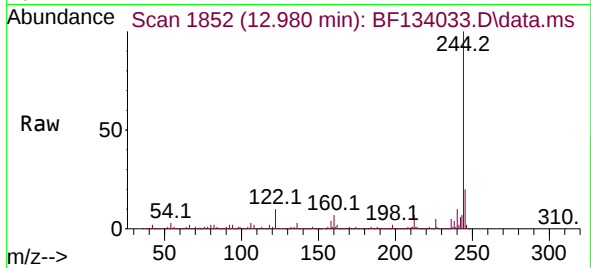
Ion	Ratio	Lower	Upper
202	100		
200	20.4	16.1	24.1
203	17.8	14.3	21.5





#79
 Terphenyl-d14
 Concen: 86.953 ng
 RT: 12.980 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: BF134033.D
 Acq: 29 Jun 2023 13:05

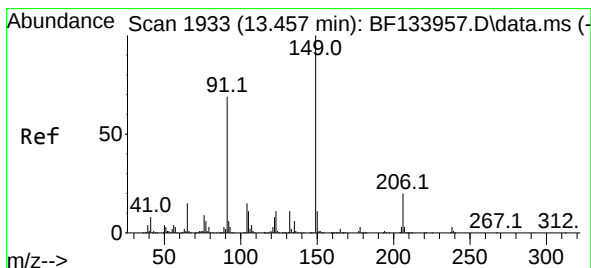
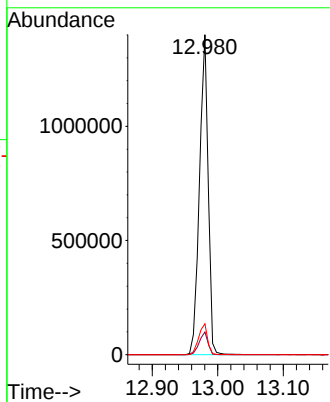
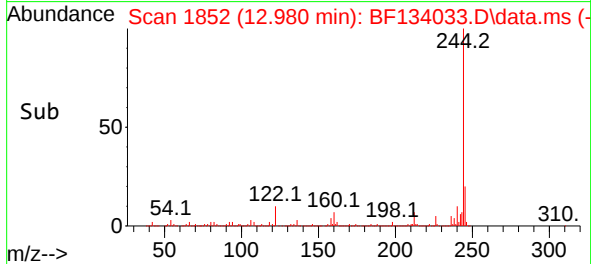
Instrument :
 BNA_F
 ClientSampleId :
 WC-6MSD



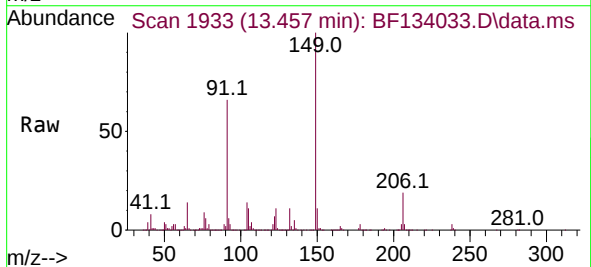
Tgt Ion:244 Resp: 1294824
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.0 9.0
 122 9.7 8.3 12.5

Manual Integrations
 APPROVED

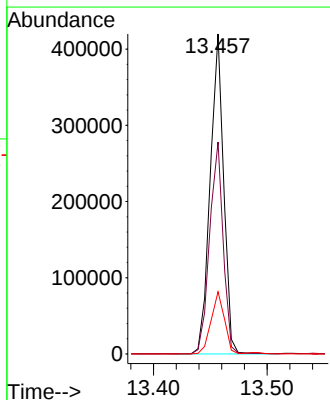
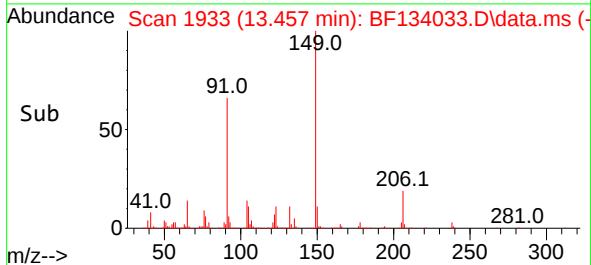
Reviewed By :Yogesh Patel 06/30/2023
 Supervised By :mohammad ahmed 06/30/2023

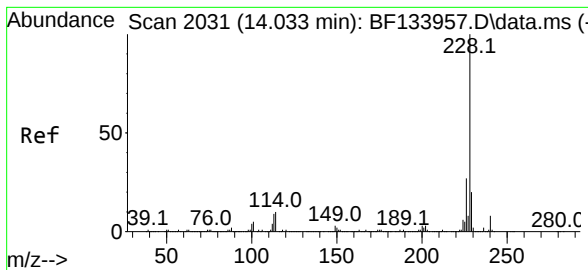


#80
 Butylbenzylphthalate
 Concen: 41.355 ng
 RT: 13.457 min Scan# 1933
 Delta R.T. 0.000 min
 Lab File: BF134033.D
 Acq: 29 Jun 2023 13:05



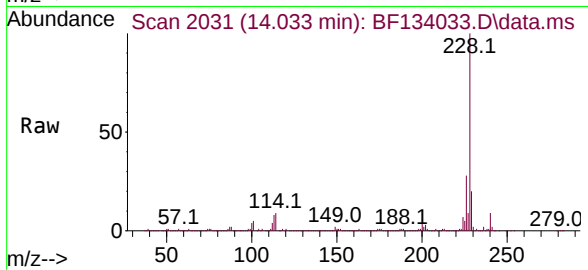
Tgt Ion:149 Resp: 345936
 Ion Ratio Lower Upper
 149 100
 91 66.3 55.1 82.7
 206 19.4 15.7 23.5





#81
Benzo(a)anthracene
Concen: 37.218 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

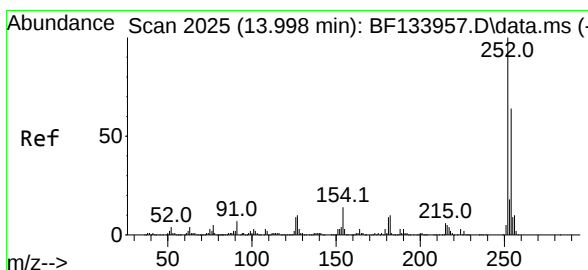
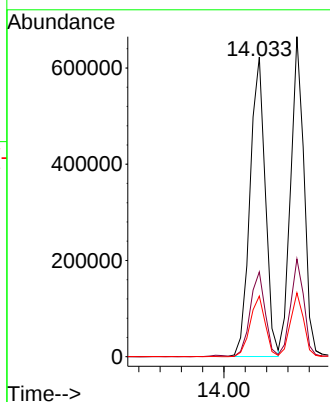
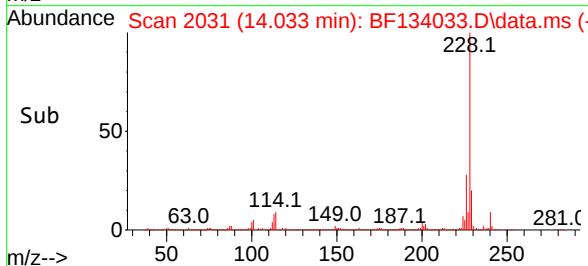
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



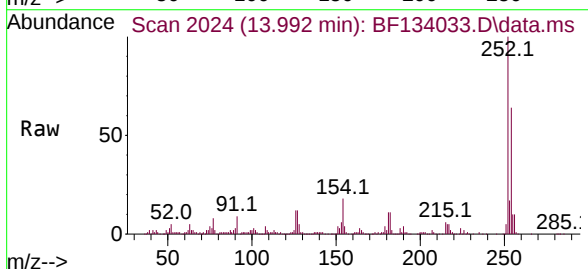
Tgt Ion:228 Resp: 618600
Ion Ratio Lower Upper
228 100
226 28.3 22.0 33.0
229 20.2 16.3 24.5

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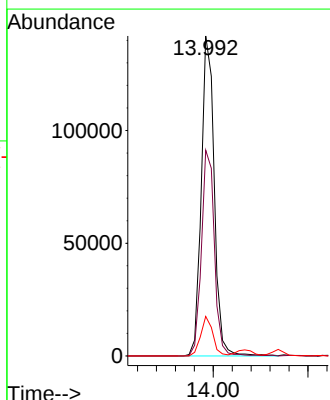
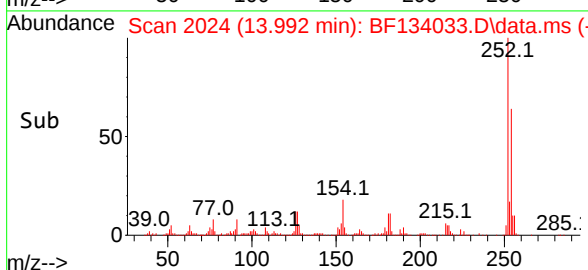
Reviewed By :Yogesh Patel 06/30/2023
Supervised By :mohammad ahmed 06/30/2023

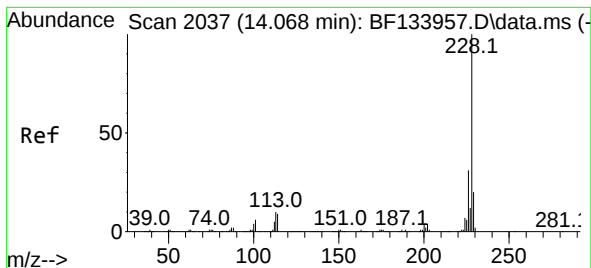


#82
3,3'-Dichlorobenzidine
Concen: 25.568 ng
RT: 13.992 min Scan# 2024
Delta R.T. -0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion:252 Resp: 134639
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.0
126 12.4 7.4 11.2#





#83

Chrysene

Concen: 36.111 ng

RT: 14.069 min Scan# 2037

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:228 Resp: 581339

Ion Ratio Lower Upper

228 100

226 30.6 24.4 36.6

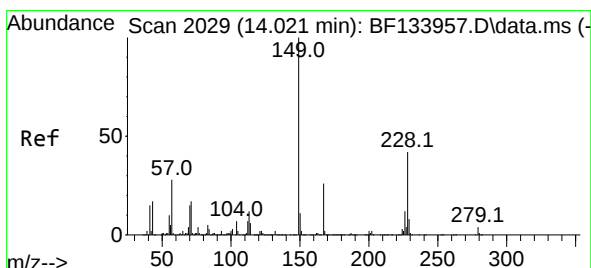
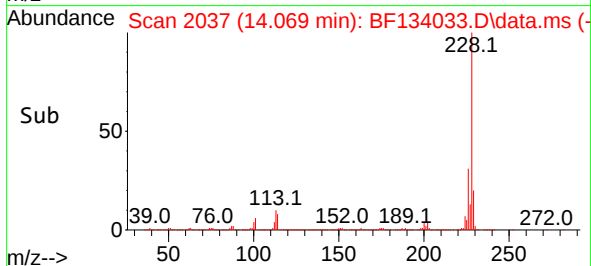
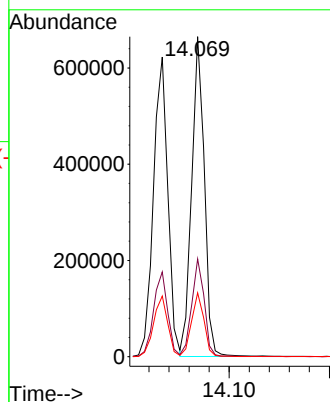
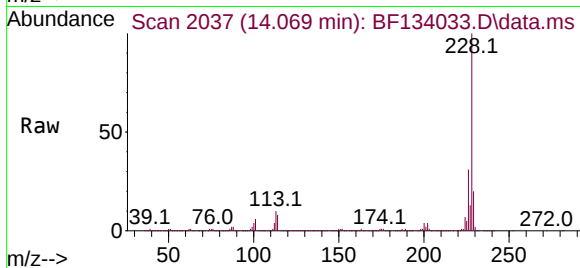
229 20.0 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.913 ng

RT: 14.021 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

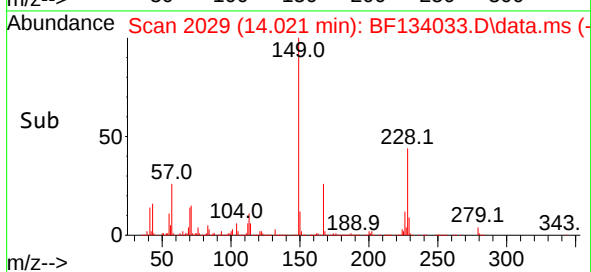
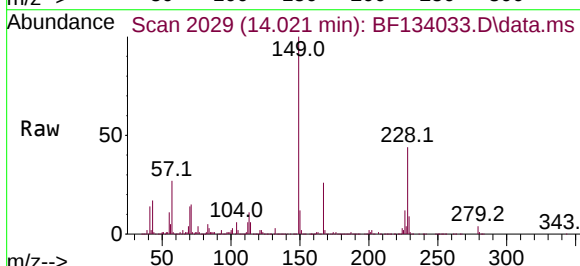
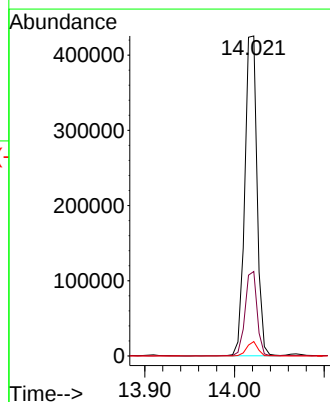
Tgt Ion:149 Resp: 402864

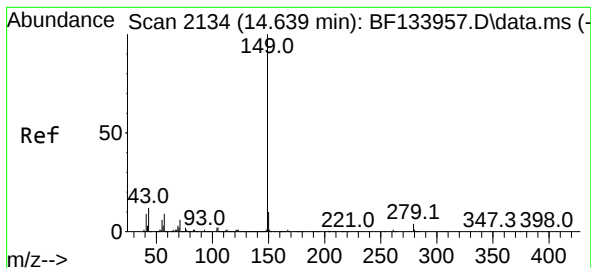
Ion Ratio Lower Upper

149 100

167 26.4 21.0 31.4

279 4.5 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 46.535 ng

RT: 14.639 min Scan# 2134

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:149 Resp: 65722

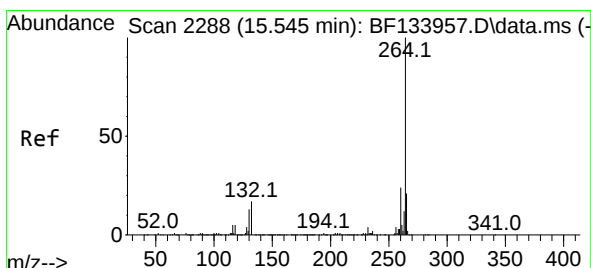
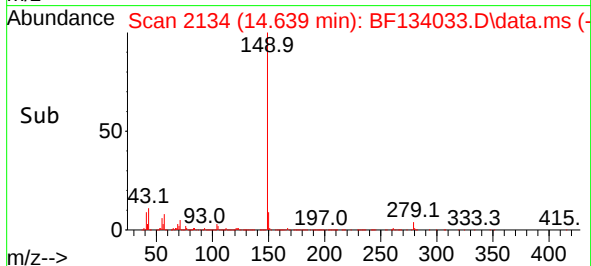
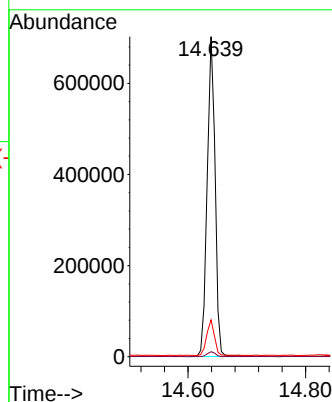
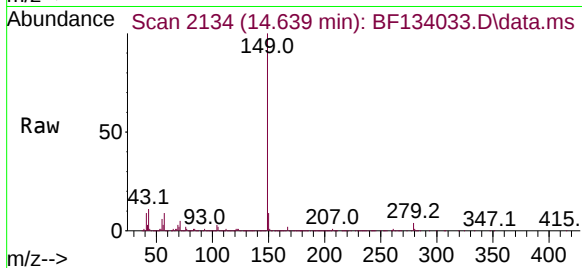
Ion	Ratio	Lower	Upper
149	100		
167	1.6	1.3	1.9
43	10.9	9.0	13.4

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

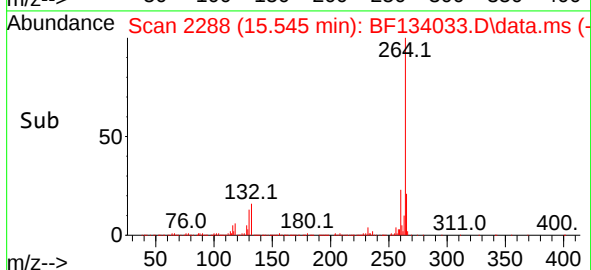
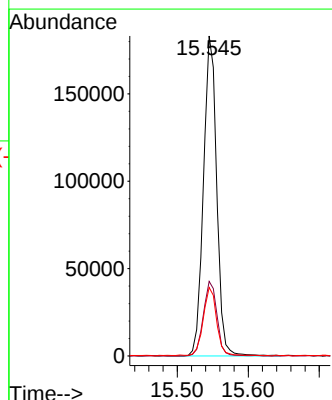
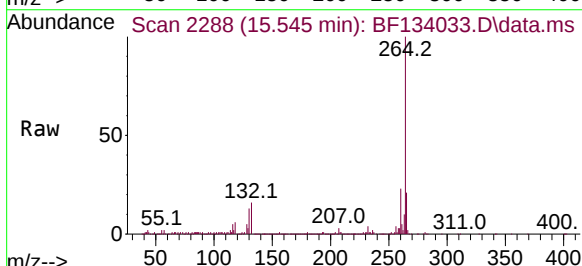
Delta R.T. 0.000 min

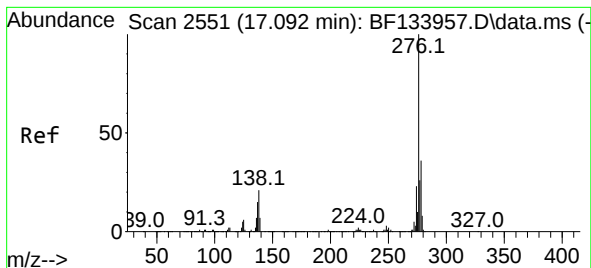
Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Tgt Ion:264 Resp: 238113

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.5	29.3
265	21.4	16.6	25.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 41.656 ng

RT: 17.098 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:276 Resp: 68826

Ion Ratio Lower Upper

276 100

138 21.9 18.7 28.1

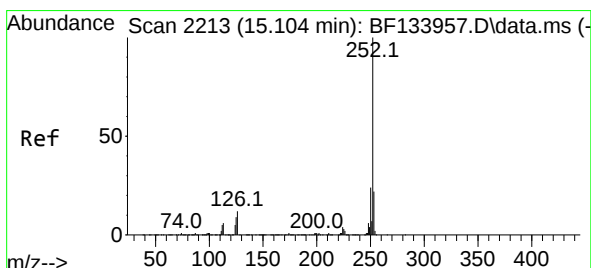
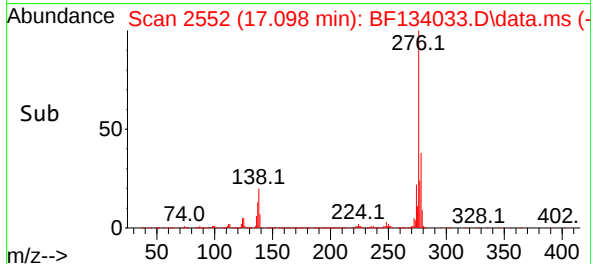
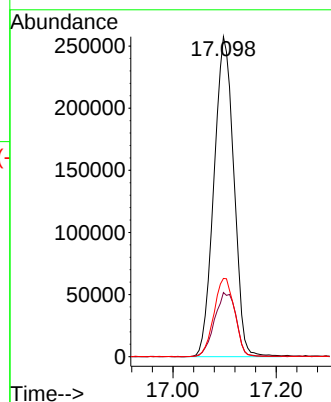
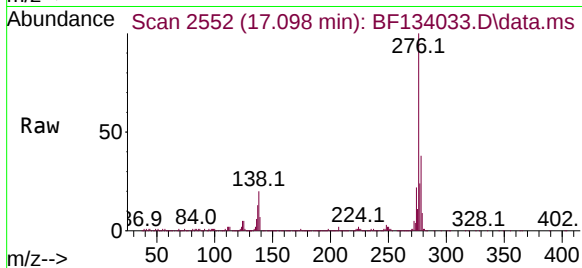
277 25.4 19.9 29.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#88

Benzo(b)fluoranthene

Concen: 38.957 ng

RT: 15.104 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

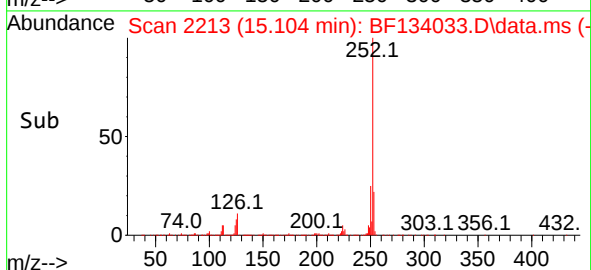
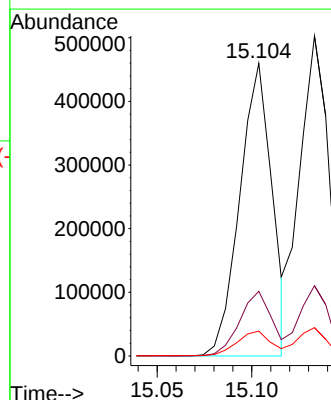
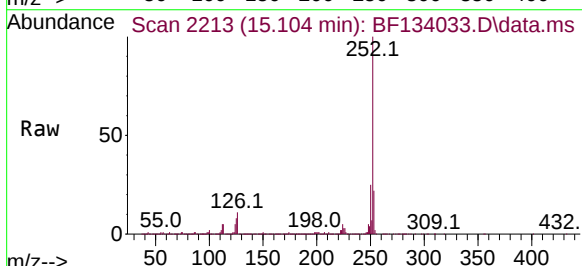
Tgt Ion:252 Resp: 545446

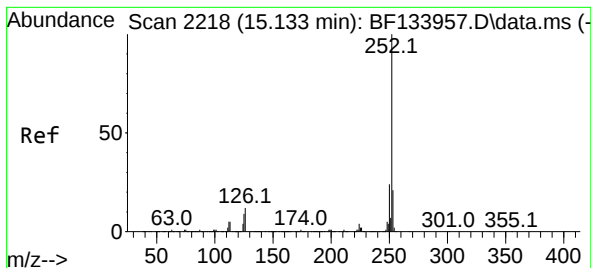
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 8.5 7.1 10.7





#89

Benzo(k)fluoranthene

Concen: 38.115 ng

RT: 15.133 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

Instrument :

BNA_F

ClientSampleId :

WC-6MSD

Tgt Ion:252 Resp: 543350

Ion Ratio Lower Upper

252 100

253 21.9 16.9 25.3

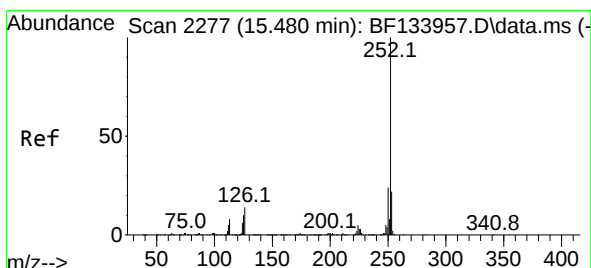
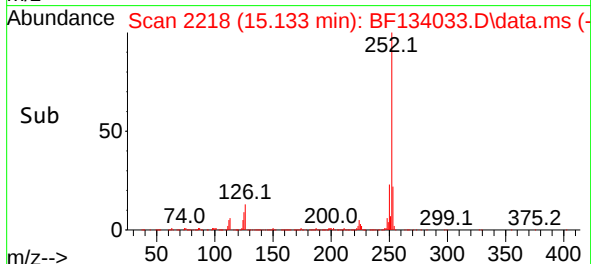
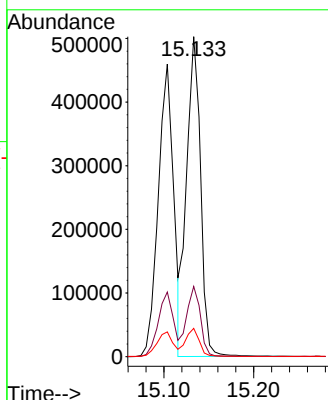
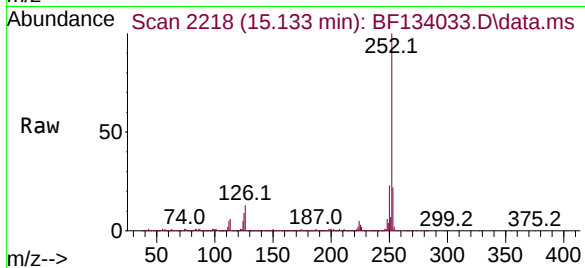
125 8.9 7.4 11.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/30/2023

Supervised By :mohammad ahmed 06/30/2023



#90

Benzo(a)pyrene

Concen: 35.980 ng

RT: 15.486 min Scan# 2278

Delta R.T. 0.006 min

Lab File: BF134033.D

Acq: 29 Jun 2023 13:05

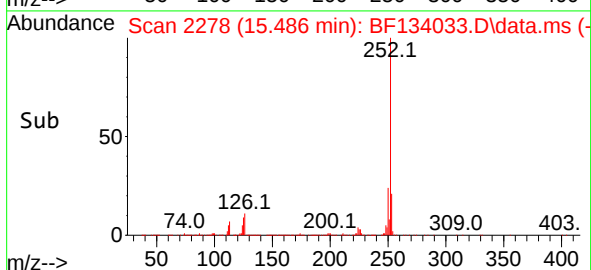
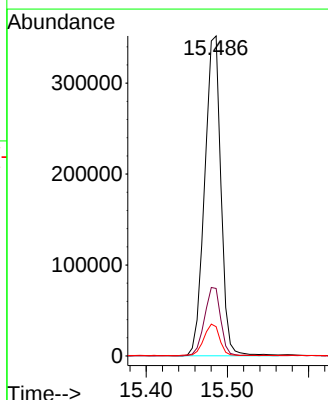
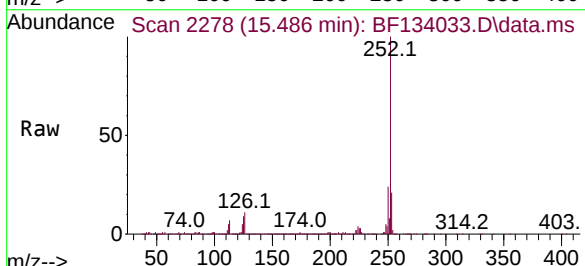
Tgt Ion:252 Resp: 487140

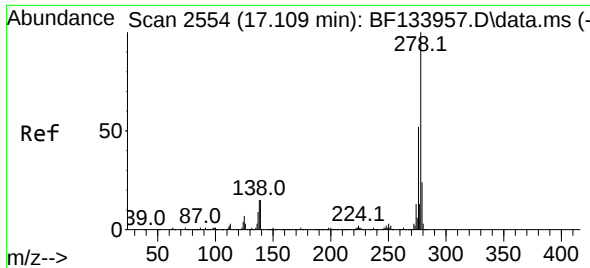
Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

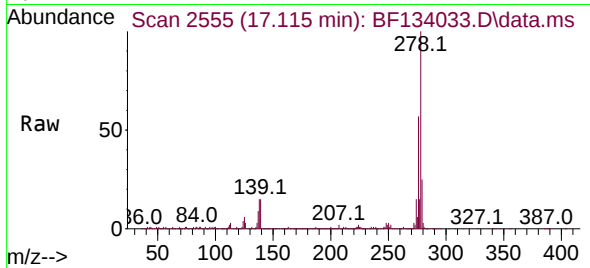
125 9.1 8.4 12.6





#91
Dibenzo(a,h)anthracene
Concen: 41.618 ng
RT: 17.115 min Scan# 2554
Delta R.T. 0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05

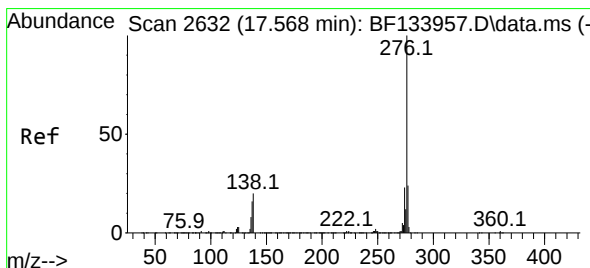
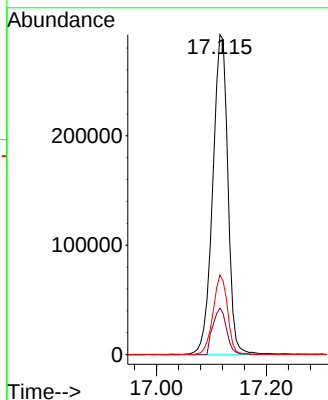
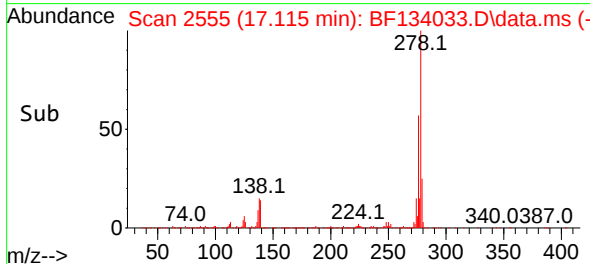
Instrument :
BNA_F
ClientSampleId :
WC-6MSD



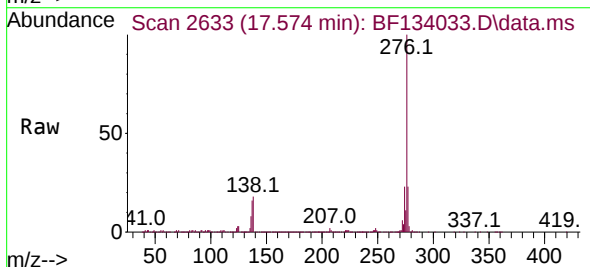
Tgt Ion:278 Resp: 561662
Ion Ratio Lower Upper
278 100
139 14.6 12.2 18.4
279 24.9 19.4 29.2

Manual Integrations
APPROVED

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



#92
Benzo(g,h,i)perylene
Concen: 40.389 ng
RT: 17.574 min Scan# 2633
Delta R.T. 0.006 min
Lab File: BF134033.D
Acq: 29 Jun 2023 13:05



Tgt Ion:276 Resp: 562097
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 17.5 16.2 24.2

