

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060523\
 Data File : BF133575.D
 Acq On : 05 Jun 2023 20:12
 Operator : CG\JU
 Sample : PB153176BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153176BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2023
 Supervised By :mohammad ahmed 06/08/2023

Quant Time: Jun 06 01:06:30 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052523.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 17:49:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	190328	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	693531	20.000	ng	0.00
39) Acenaphthene-d10	9.869	164	315270	20.000	ng	0.00
64) Phenanthrene-d10	11.357	188	532142	20.000	ng	0.00
76) Chrysene-d12	13.998	240	357057	20.000	ng	0.00
86) Perylene-d12	15.462	264	275488	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	112924	9.899	ng	0.00
7) Phenol-d6	6.445	99	136057	9.689	ng	-0.01
23) Nitrobenzene-d5	7.387	82	78962	7.602	ng	-0.01
42) 2,4,6-Tribromophenol	10.657	330	28866	9.185	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	170682	8.356	ng	0.00
79) Terphenyl-d14	12.945	244	150126	7.476	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.569	88	16378	3.179	ng	# 94
3) Pyridine	3.322	79	40197	2.783	ng	96
4) n-Nitrosodimethylamine	3.246	42	23161	2.940	ng	# 94
6) Aniline	6.487	93	44404m	2.329	ng	
8) 2-Chlorophenol	6.610	128	41400	3.683	ng	93
10) Phenol	6.457	94	49891	3.542	ng	97
11) bis(2-Chloroethyl)ether	6.563	93	40036	3.437	ng	99
12) 1,3-Dichlorobenzene	6.769	146	45647	3.658	ng	97
13) 1,4-Dichlorobenzene	6.851	146	47247	3.777	ng	94
14) 1,2-Dichlorobenzene	6.998	146	43184	3.741	ng	98
15) Benzyl Alcohol	6.963	79	31318	2.938	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	73342	3.320	ng	99
17) 2-Methylphenol	7.075	107	34990	3.287	ng	98
18) Hexachloroethane	7.345	117	9725	2.248	ng	# 86
19) n-Nitroso-di-n-propyla...	7.234	70	30841	3.394	ng	99
20) 3+4-Methylphenols	7.228	107	44267	3.678	ng	97
22) Acetophenone	7.234	105	61868	3.874	ng	# 94
24) Nitrobenzene	7.410	77	42596	3.849	ng	94
25) Isophorone	7.645	82	79149	3.270	ng	99
26) 2-Nitrophenol	7.728	139	11529	6.791	ng	96
27) 2,4-Dimethylphenol	7.763	122	35087	3.406	ng	99
28) bis(2-Chloroethoxy)met...	7.863	93	48366	3.446	ng	99
29) 2,4-Dichlorophenol	7.963	162	31813	3.433	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	36006	3.592	ng	97
31) Naphthalene	8.134	128	119077	3.542	ng	100
32) Benzoic acid	7.822	122	12744m	8.940	ng	
33) 4-Chloroaniline	8.181	127	37176	2.580	ng	95
34) Hexachlorobutadiene	8.251	225	21746	3.567	ng	98
35) Caprolactam	8.510	113	10226	3.365	ng	100
36) 4-Chloro-3-methylphenol	8.657	107	33428	3.220	ng	95
37) 2-Methylnaphthalene	8.828	142	76305	3.324	ng	96
38) 1-Methylnaphthalene	8.928	142	71136	3.324	ng	99
40) 1,2,4,5-Tetrachloroben...	8.992	216	34226	3.663	ng	97
43) 2,4,6-Trichlorophenol	9.098	196	20127	3.366	ng	99
44) 2,4,5-Trichlorophenol	9.139	196	20916	3.014	ng	# 90
46) 1,1'-Biphenyl	9.292	154	98026	3.827	ng	98

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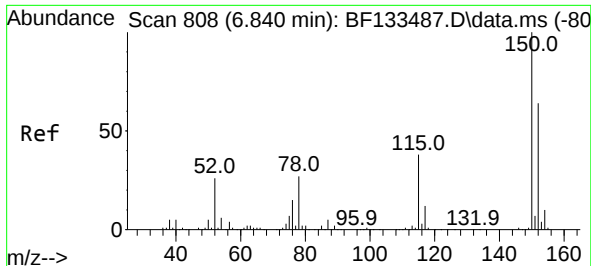
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
47) 2-Chloronaphthalene	9.316	162	68137	3.670	ng	97
48) 2-Nitroaniline	9.404	65	20371	7.124	ng	95
49) Acenaphthylene	9.728	152	108461	3.424	ng	99
50) Dimethylphthalate	9.586	163	81824	3.693	ng	99
51) 2,6-Dinitrotoluene	9.645	165	11187	6.134	ng	92
52) Acenaphthene	9.904	154	62841	3.275	ng	98
53) 3-Nitroaniline	9.816	138	17365	6.250	ng	97
54) 2,4-Dinitrophenol	9.922	184	399	6.763	ng	# 73
55) Dibenzofuran	10.075	168	97214	3.405	ng	95
56) 4-Nitrophenol	9.963	139	18390	4.851	ng	92
57) 2,4-Dinitrotoluene	10.051	165	11417	6.713	ng	# 82
58) Fluorene	10.416	166	73014	3.491	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.186	232	16271	3.113	ng	94
60) Diethylphthalate	10.286	149	79257	3.446	ng	98
61) 4-Chlorophenyl-phenyle...	10.410	204	35526	3.537	ng	97
62) 4-Nitroaniline	10.422	138	18633	6.268	ng	94
63) Azobenzene	10.569	77	68692	2.983	ng	98
65) 4,6-Dinitro-2-methylph...	10.457	198	466	8.887	ng	# 76
66) n-Nitrosodiphenylamine	10.528	169	65453	3.789	ng	98
67) 4-Bromophenyl-phenylether	10.904	248	19292	3.414	ng	92
68) Hexachlorobenzene	10.963	284	21687	3.670	ng	96
69) Atrazine	11.051	200	19025	4.014	ng	98
70) Pentachlorophenol	11.157	266	17500	4.952	ng	95
71) Phenanthrene	11.380	178	94808	3.518	ng	99
72) Anthracene	11.433	178	93734	3.379	ng	98
73) Carbazole	11.586	167	87691	3.343	ng	98
74) Di-n-butylphthalate	11.922	149	110563	3.564	ng	99
75) Fluoranthene	12.569	202	97314	3.269	ng	99
77) Benzidine	12.692	184	63595	6.090	ng	99
78) Pyrene	12.798	202	102043	3.358	ng	97
80) Butylbenzylphthalate	13.427	149	42305	3.519	ng	93
81) Benzo(a)anthracene	13.992	228	80946	3.403	ng	97
82) 3,3'-Dichlorobenzidine	13.957	252	24557	3.303	ng	# 98
83) Chrysene	14.027	228	73901	3.078	ng	96
84) Bis(2-ethylhexyl)phtha...	13.986	149	61948	4.123	ng	99
85) Di-n-octyl phthalate	14.598	149	97281	3.886	ng	98
87) Indeno(1,2,3-cd)pyrene	16.904	276	55976	3.190	ng	98
88) Benzo(b)fluoranthene	15.033	252	59269	3.304	ng	99
89) Benzo(k)fluoranthene	15.063	252	57263	3.274	ng	99
90) Benzo(a)pyrene	15.392	252	47102	2.886	ng	94
91) Dibenzo(a,h)anthracene	16.927	278	45821	3.221	ng	97
92) Benzo(g,h,i)perylene	17.339	276	43158	3.008	ng	95

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



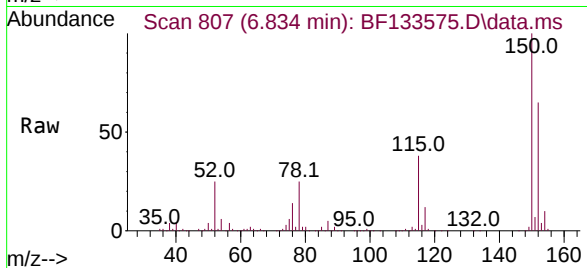
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

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PB153176BS

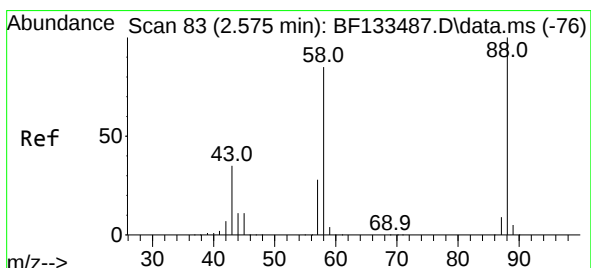
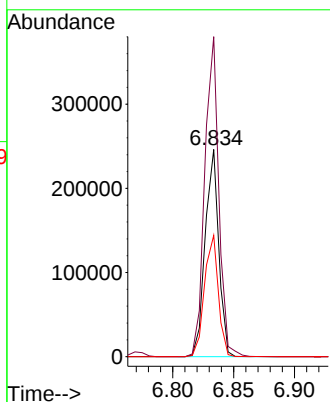
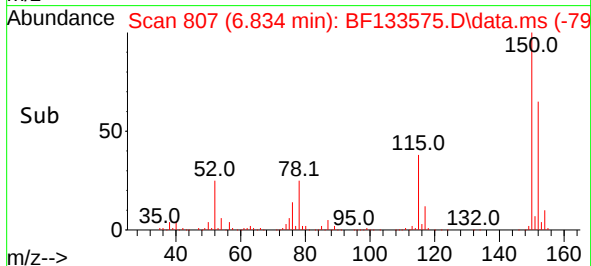


Tgt Ion:152 Resp: 190328
 Ion Ratio Lower Upper
 152 100
 150 154.4 124.9 187.3
 115 58.5 48.1 72.1

Manual Integrations

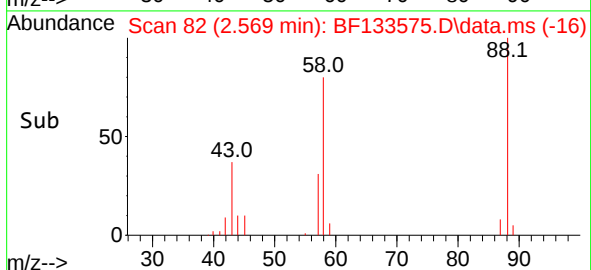
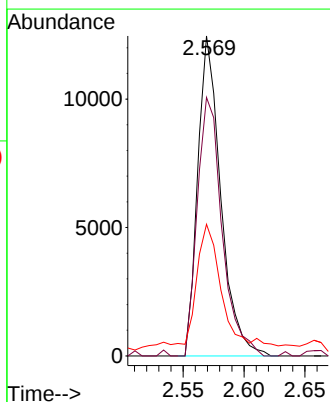
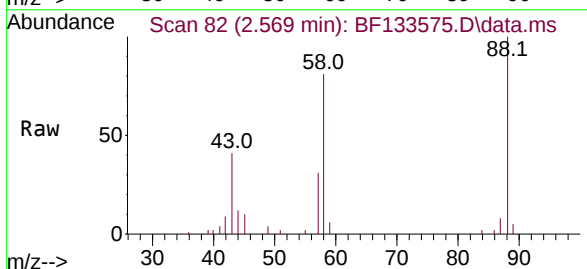
APPROVED

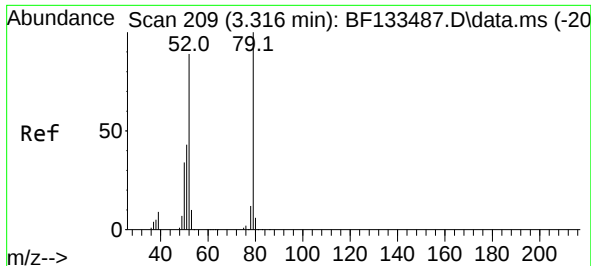
Reviewed By :Yogesh Patel 06/06/2023
 Supervised By :mohammad ahmed 06/08/2023



#2
 1,4-Dioxane
 Concen: 3.179 ng
 RT: 2.569 min Scan# 82
 Delta R.T. 0.035 min
 Lab File: BF133575.D
 Acq: 05 Jun 2023 20:12

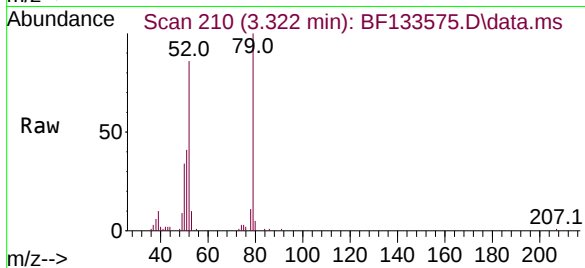
Tgt Ion: 88 Resp: 16378
 Ion Ratio Lower Upper
 88 100
 58 87.0 67.7 101.5
 43 42.6 28.2 42.4





#3
Pyridine
Concen: 2.783 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.047 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

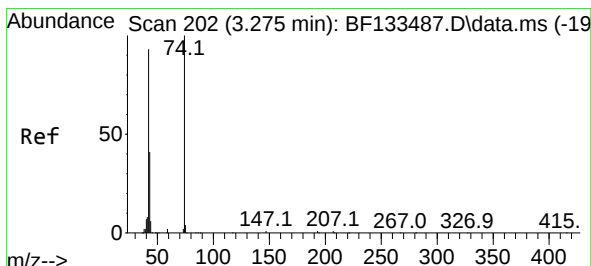
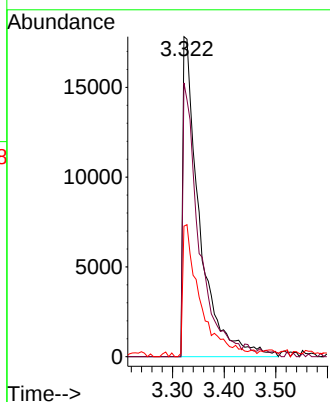
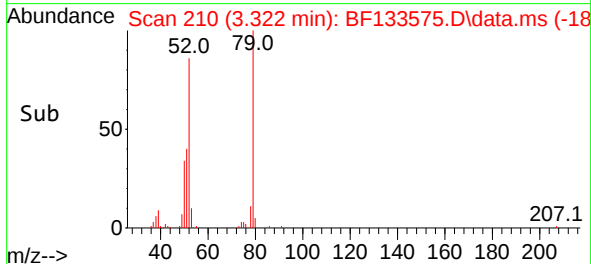
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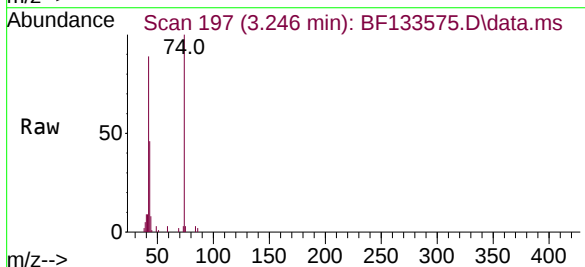
Tgt Ion: 79 Resp: 4019
Ion Ratio Lower Upper
79 100
52 85.6 71.3 106.9
51 40.8 34.4 51.6

Manual Integrations
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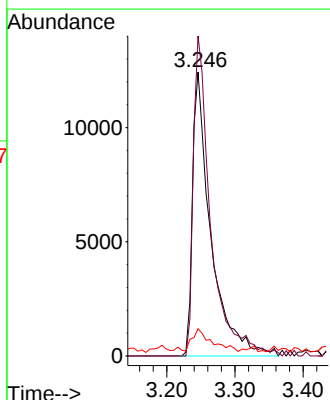
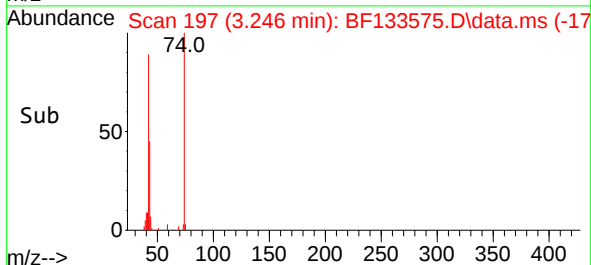
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#4
n-Nitrosodimethylamine
Concen: 2.940 ng
RT: 3.246 min Scan# 197
Delta R.T. 0.018 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



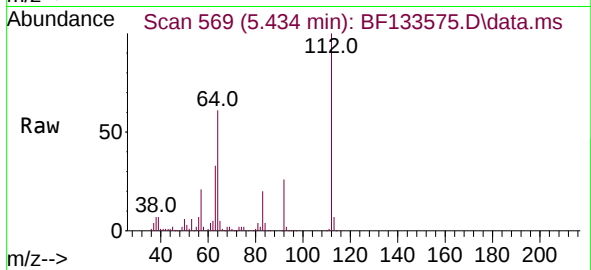
Tgt Ion: 42 Resp: 23161
Ion Ratio Lower Upper
42 100
74 112.7 85.7 128.5
44 9.6 5.6 8.4





#5
2-Fluorophenol
Concen: 9.899 ng
RT: 5.434 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

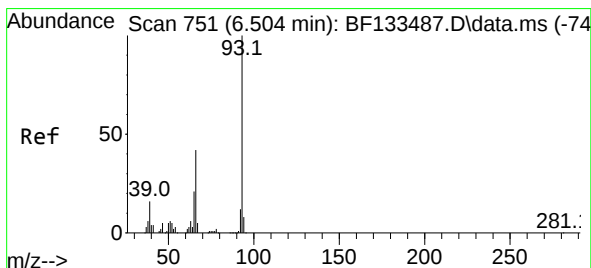
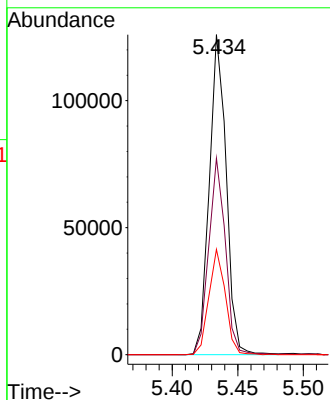
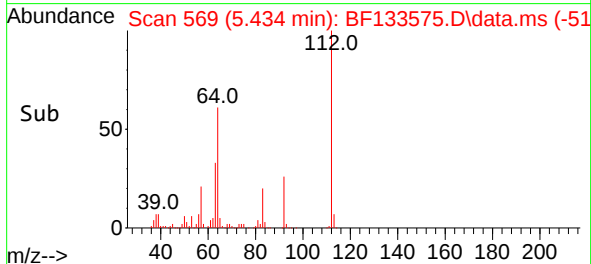
Instrument :
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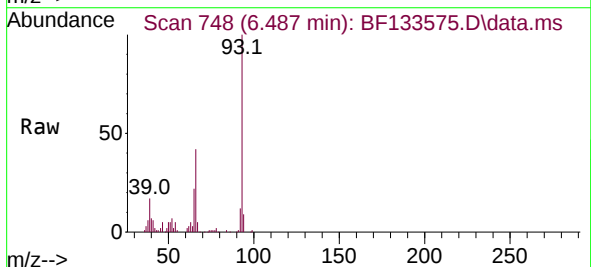
Tgt Ion: 112 Resp: 112924
Ion Ratio Lower Upper
112 100
64 61.4 50.1 75.1
63 32.9 27.5 41.3

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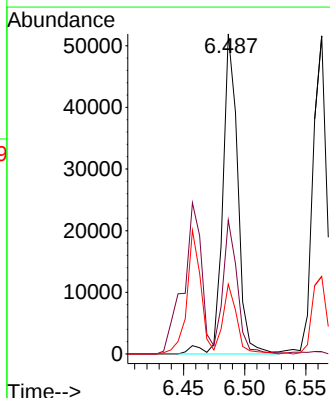
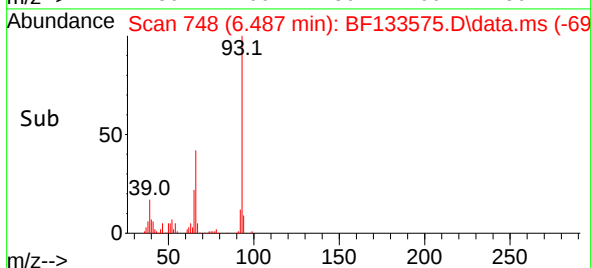
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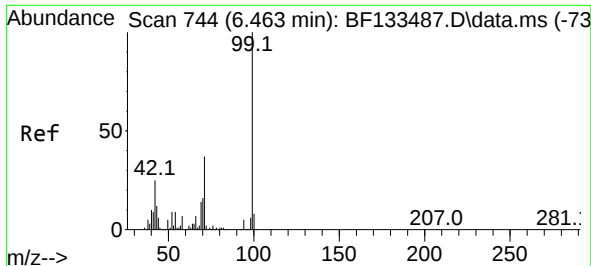


#6
Aniline
Concen: 2.329 ng m
RT: 6.487 min Scan# 748
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



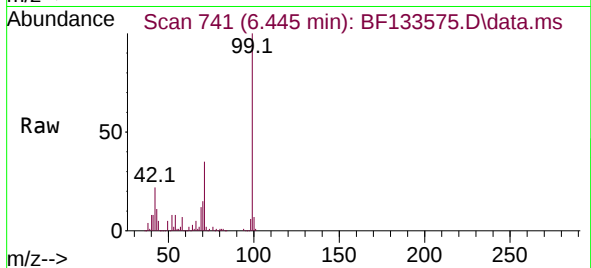
Tgt Ion: 93 Resp: 44404
Ion Ratio Lower Upper
93 100
66 41.9 33.9 50.9
65 21.8 17.2 25.8





#7
Phenol-d6
Concen: 9.689 ng
RT: 6.445 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

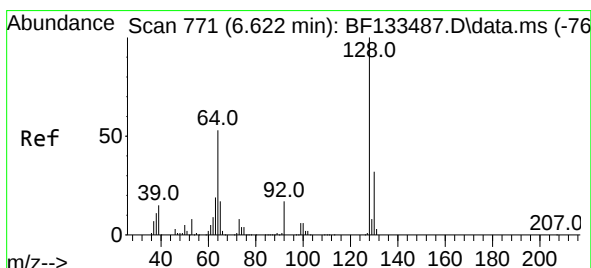
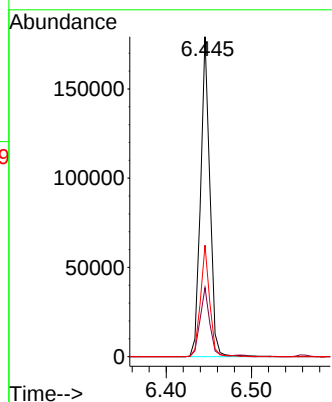
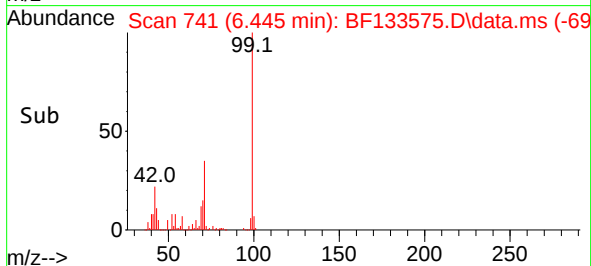
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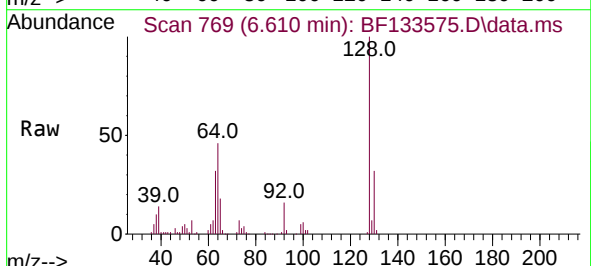
Tgt Ion: 99 Resp: 13605
Ion Ratio Lower Upper
99 100
42 21.6 19.7 29.5
71 34.8 29.8 44.8

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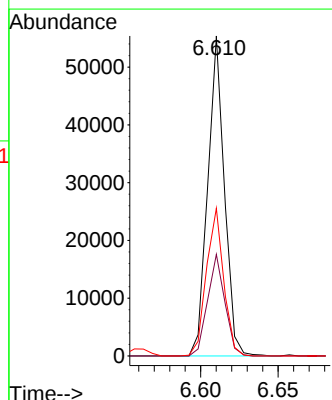
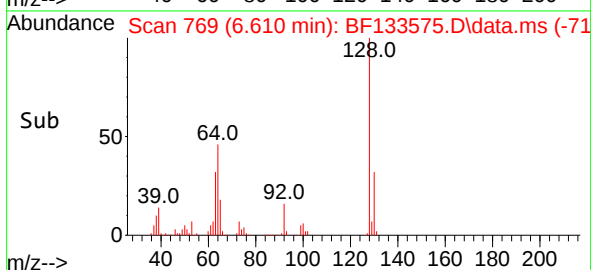
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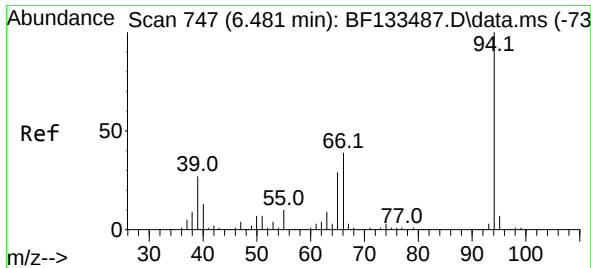


#8
2-Chlorophenol
Concen: 3.683 ng
RT: 6.610 min Scan# 769
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



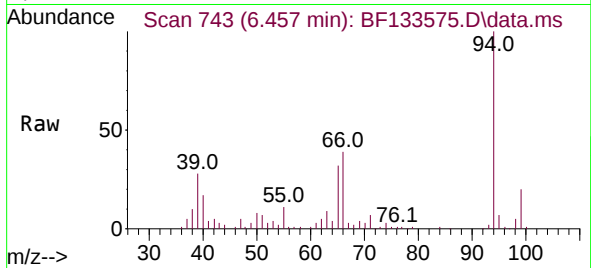
Tgt Ion:128 Resp: 41400
Ion Ratio Lower Upper
128 100
130 31.7 12.4 52.4
64 46.2 33.3 73.3





#10
Phenol
Concen: 3.542 ng
RT: 6.457 min Scan# 747
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

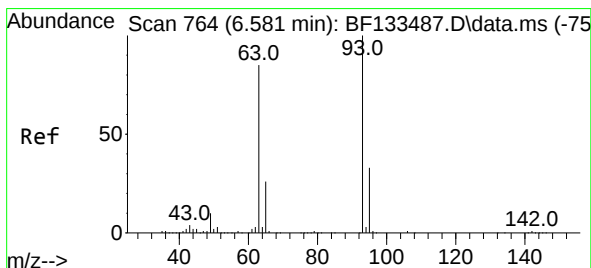
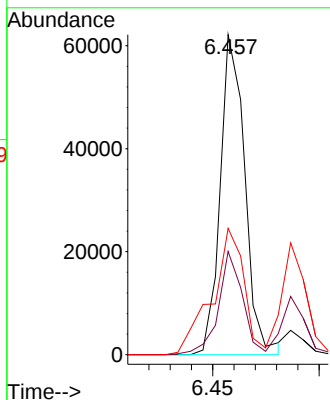
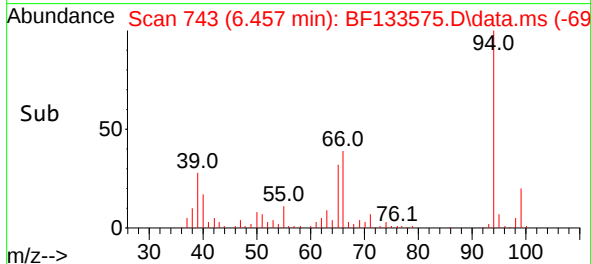
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion: 94 Resp: 4989
Ion Ratio Lower Upper
94 100
65 32.3 9.1 49.1
66 39.5 18.9 58.9

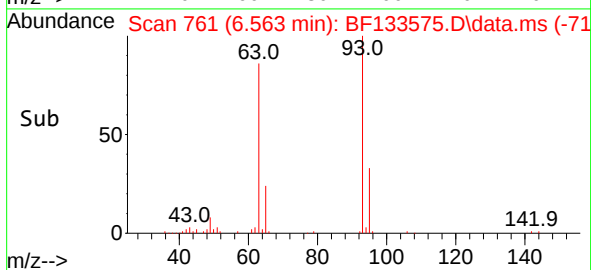
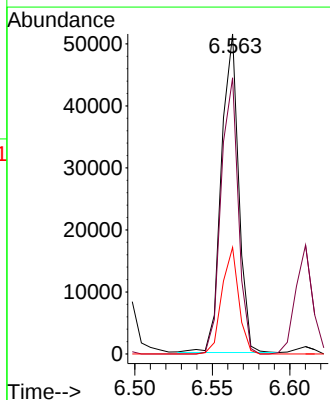
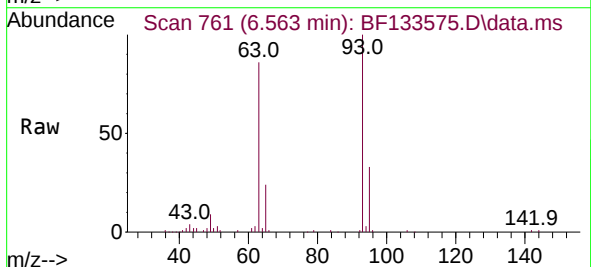
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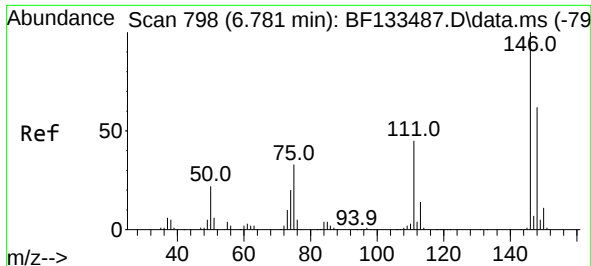
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#11
bis(2-Chloroethyl)ether
Concen: 3.437 ng
RT: 6.563 min Scan# 761
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

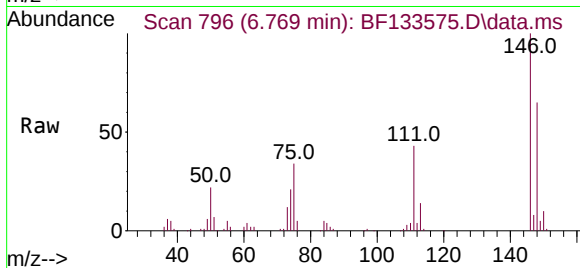
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Ion Ratio Lower Upper
93 100
63 86.3 64.5 104.5
95 33.3 13.3 53.3





#12
1,3-Dichlorobenzene
Concen: 3.658 ng
RT: 6.769 min Scan# 798
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

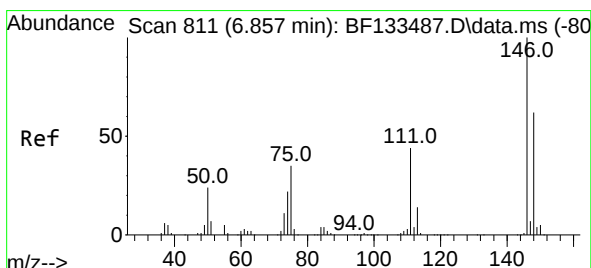
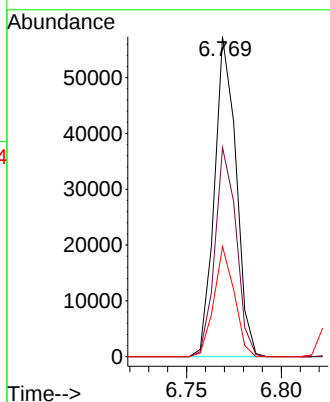
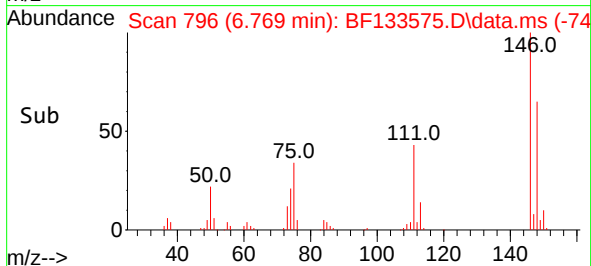
Instrument :
BNA_F
ClientSampleId :
PB153176BS



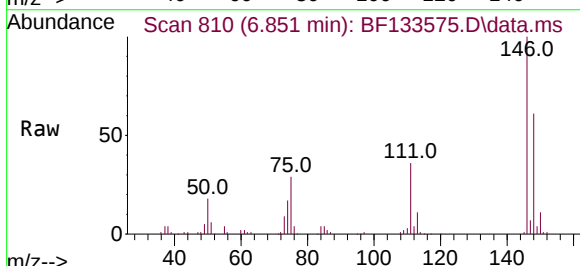
Tgt Ion:146 Resp: 4564
Ion Ratio Lower Upper
146 100
148 65.4 49.9 74.9
75 34.4 26.7 40.1

Manual Integrations
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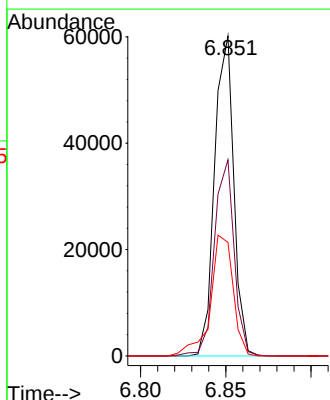
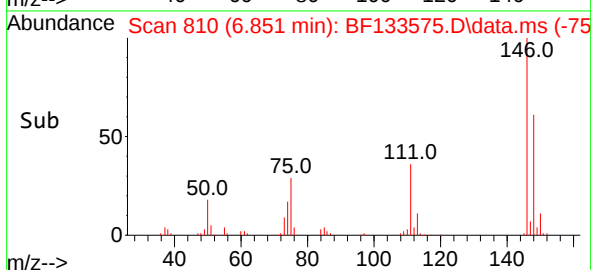
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

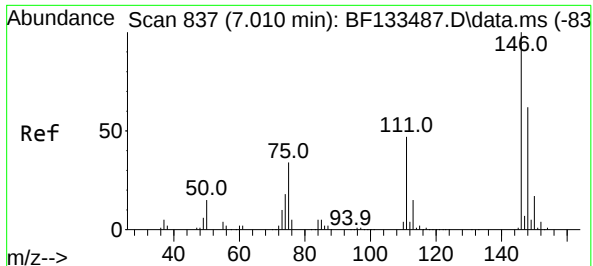


#13
1,4-Dichlorobenzene
Concen: 3.777 ng
RT: 6.851 min Scan# 810
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:146 Resp: 47247
Ion Ratio Lower Upper
146 100
148 61.3 49.8 74.6
111 35.5 35.3 52.9





#14

1,2-Dichlorobenzene

Concen: 3.741 ng

RT: 6.998 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

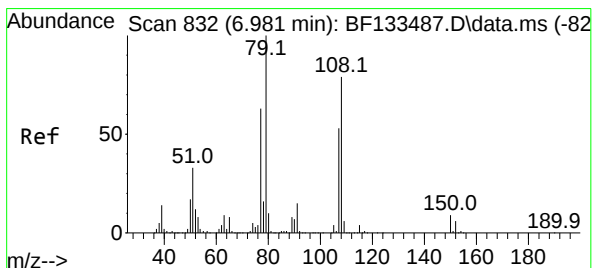
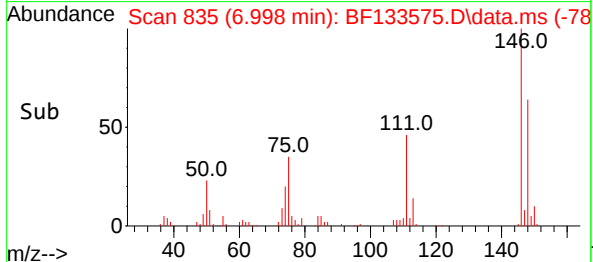
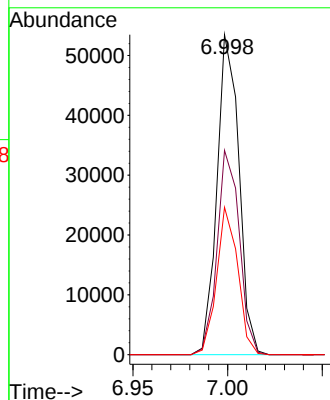
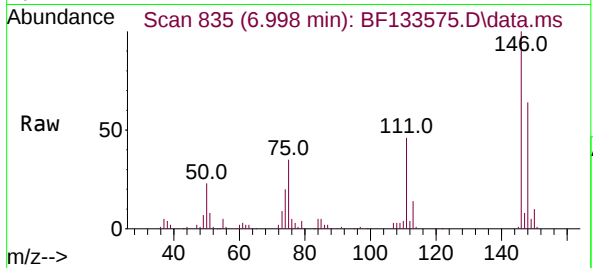
Tgt Ion:	146	Resp:	43184
Ion Ratio	Lower	Upper	
146	100		
148	63.9	49.8	74.6
111	46.1	37.4	56.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#15

Benzyl Alcohol

Concen: 2.938 ng

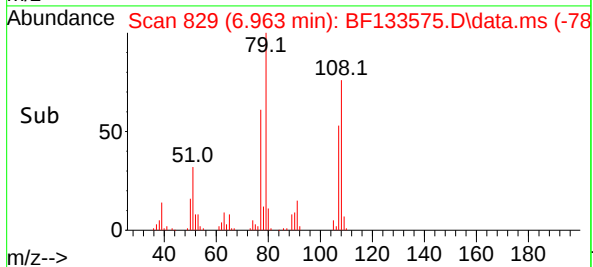
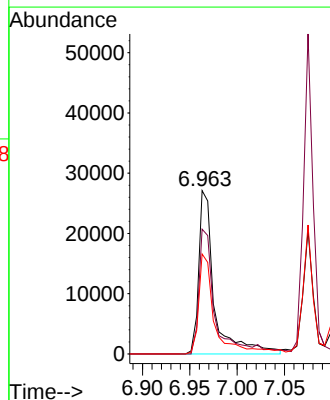
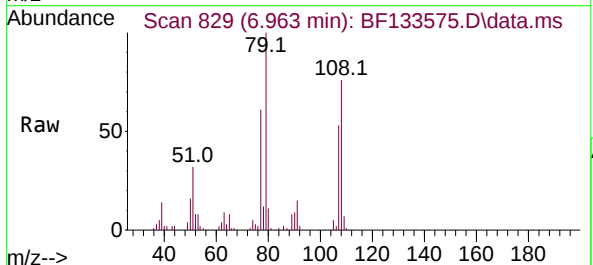
RT: 6.963 min Scan# 829

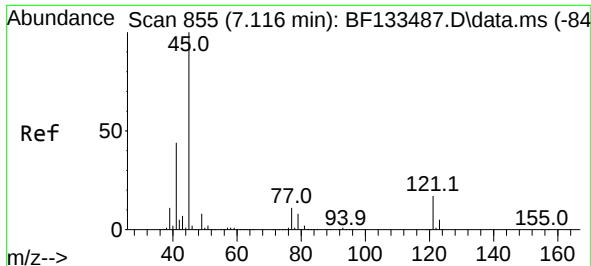
Delta R.T. -0.012 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

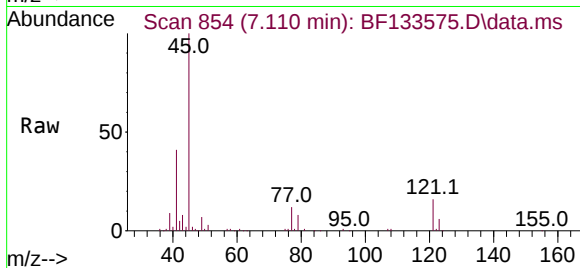
Tgt Ion:	79	Resp:	31318
Ion Ratio	Lower	Upper	
79	100		
108	76.4	63.2	94.8
77	61.2	50.3	75.5





#16
2,2'-oxybis(1-Chloropropane)
Concen: 3.320 ng
RT: 7.110 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

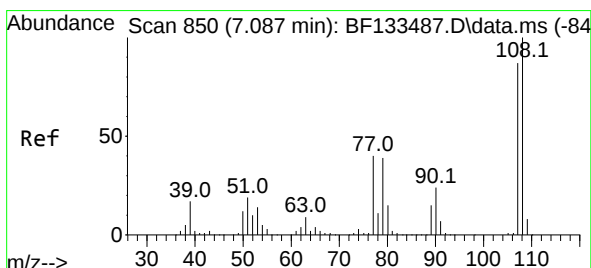
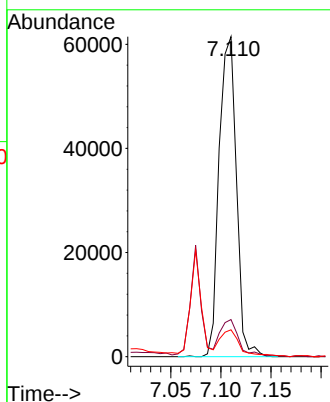
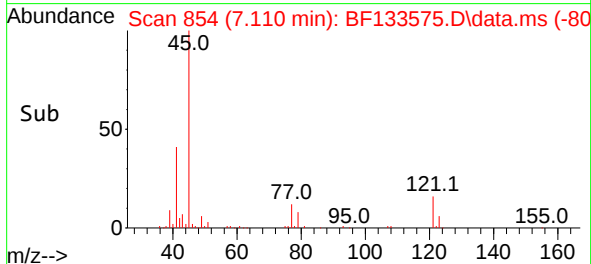
Instrument :
BNA_F
ClientSampleId :
PB153176BS



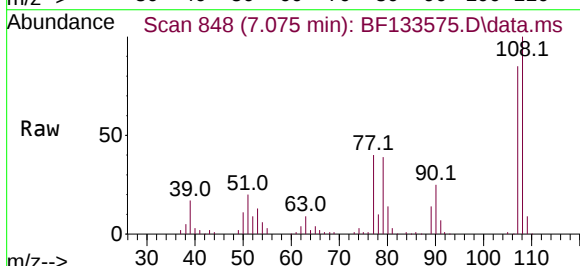
Tgt Ion: 45 Resp: 7334
Ion Ratio Lower Upper
45 100
77 11.6 0.0 30.8
79 8.4 0.0 28.2

Manual Integrations
APPROVED

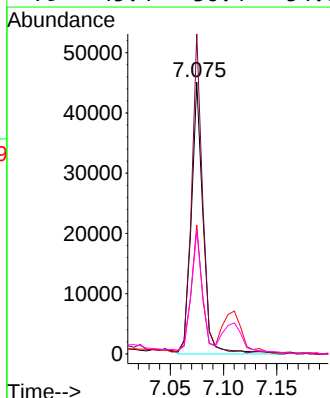
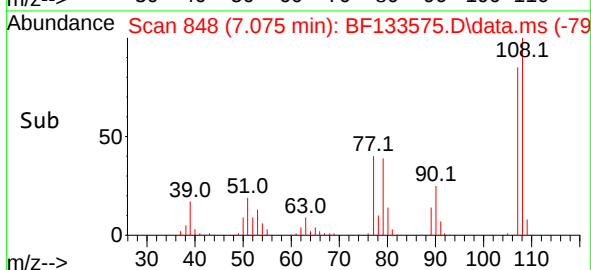
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

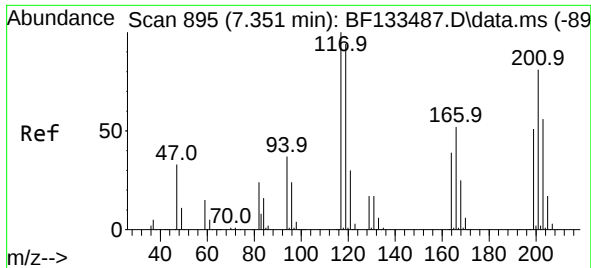


#17
2-Methylphenol
Concen: 3.287 ng
RT: 7.075 min Scan# 848
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:107 Resp: 34990
Ion Ratio Lower Upper
107 100
108 117.8 92.2 138.4
77 47.5 37.1 55.7
79 45.4 36.4 54.6





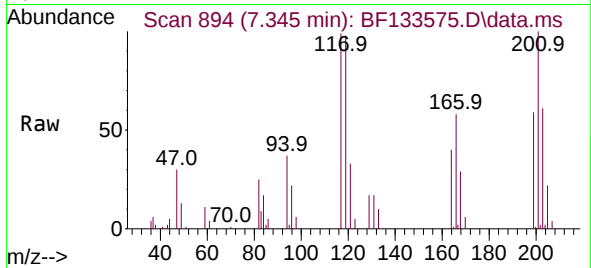
#18
Hexachloroethane
Concen: 2.248 ng
RT: 7.345 min Scan# 895
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

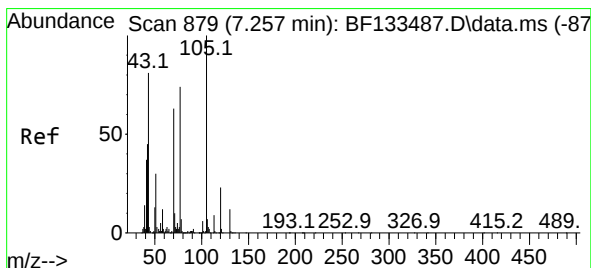
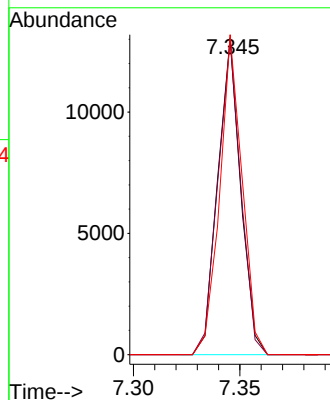
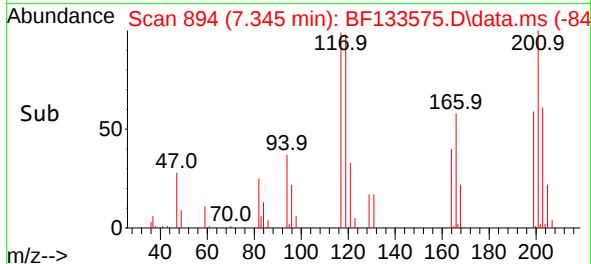


Tgt Ion:117 Resp: 972
Ion Ratio Lower Upper
117 100
119 99.4 74.9 112.3
201 101.0 64.8 97.2

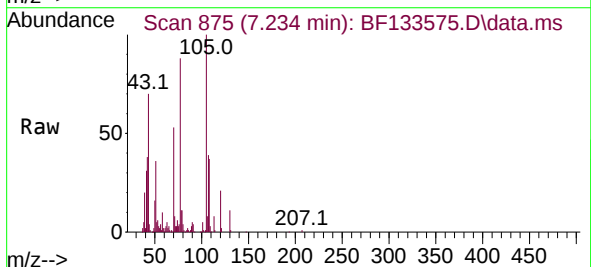
Manual Integrations

APPROVED

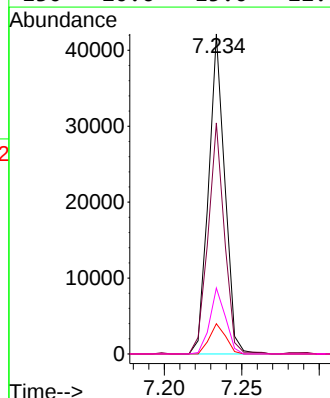
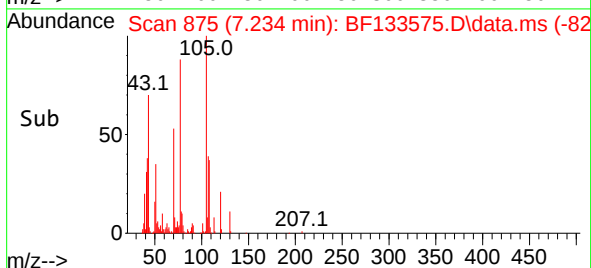
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

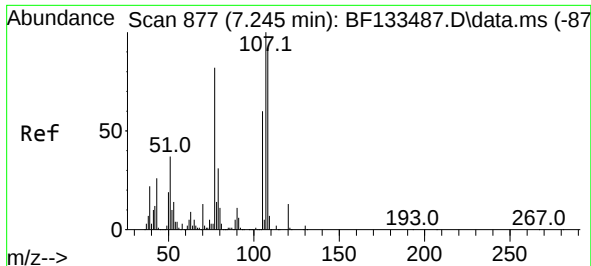


#19
n-Nitroso-di-n-propylamine
Concen: 3.394 ng
RT: 7.234 min Scan# 875
Delta R.T. -0.018 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



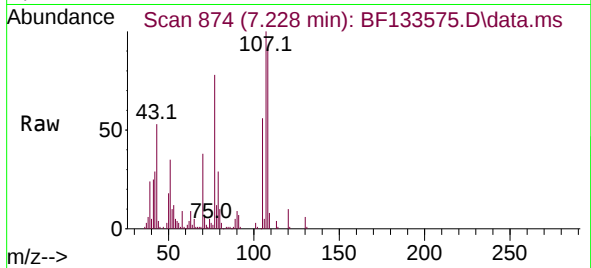
Tgt Ion: 70 Resp: 30841
Ion Ratio Lower Upper
70 100
42 72.2 57.2 85.8
101 9.5 7.3 10.9
130 20.6 15.0 22.4





#20
3+4-Methylphenols
Concen: 3.678 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

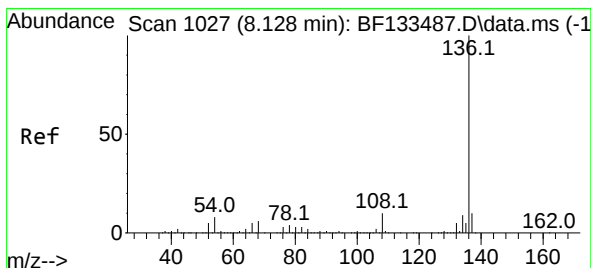
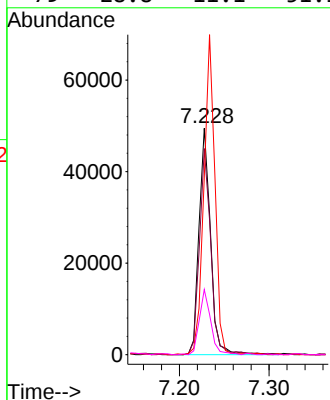
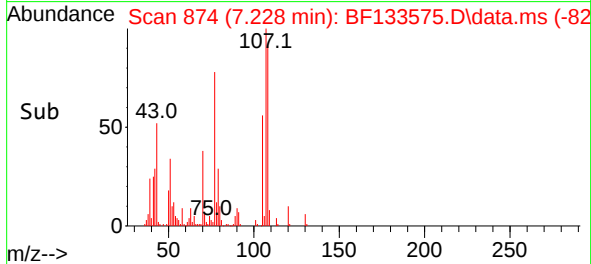
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion:107 Resp: 4426
Ion Ratio Lower Upper
107 100
108 91.0 72.0 112.0
77 78.3 61.9 101.9
79 28.8 11.1 51.1

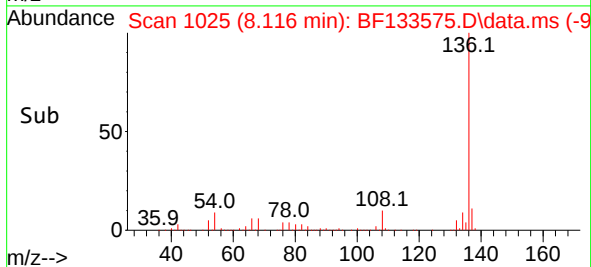
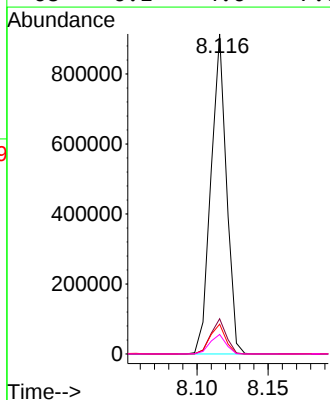
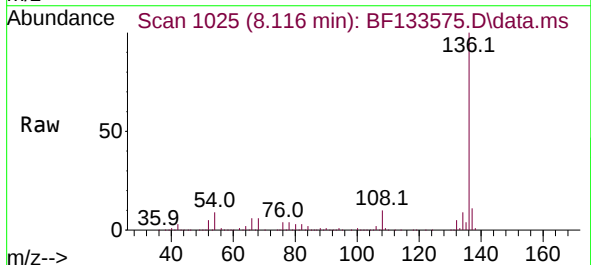
Manual Integrations
APPROVED

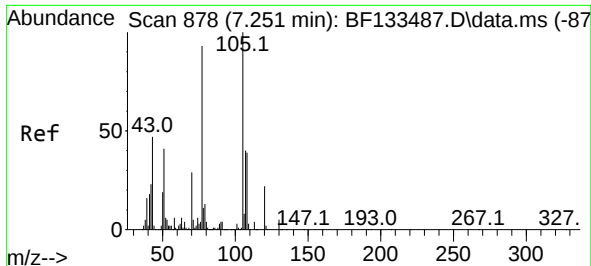
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

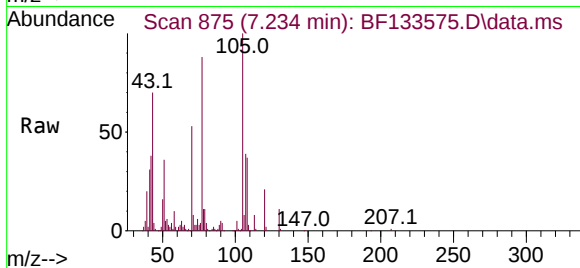
Tgt Ion:136 Resp: 693531
Ion Ratio Lower Upper
136 100
137 11.0 8.2 12.4
54 9.3 6.6 10.0
68 6.1 4.6 7.0





#22
Acetophenone
Concen: 3.874 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

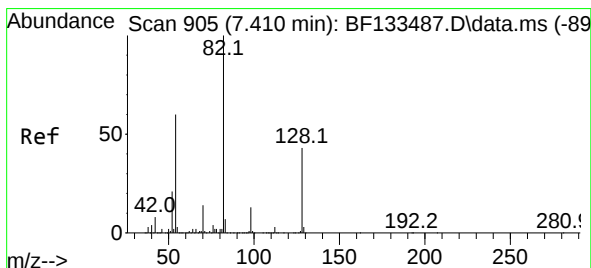
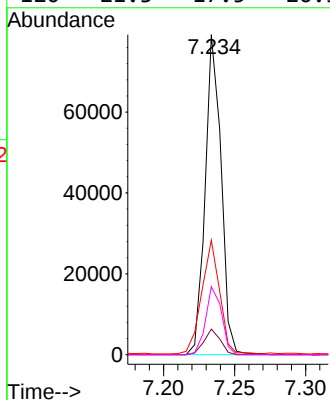
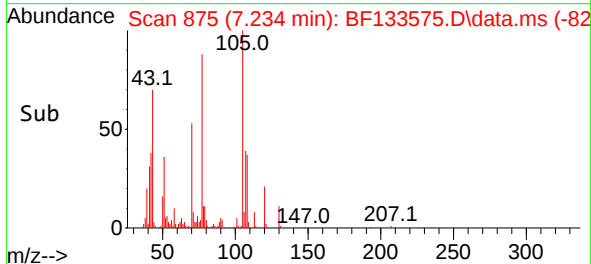
Instrument :
BNA_F
ClientSampleId :
PB153176BS



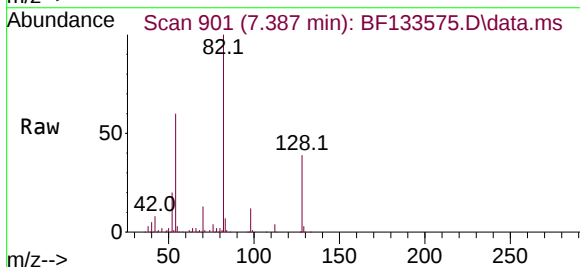
Tgt Ion:	105	Resp:	6186
Ion Ratio	Lower	Upper	
105	100		
71	8.0	3.8	5.8
51	35.8	32.6	49.0
120	21.3	17.5	26.3

Manual Integrations
APPROVED

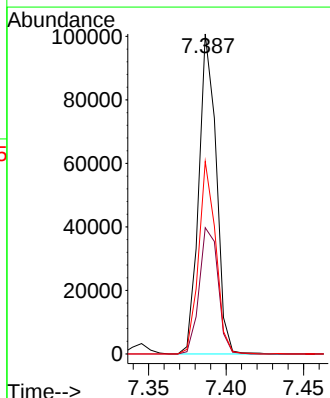
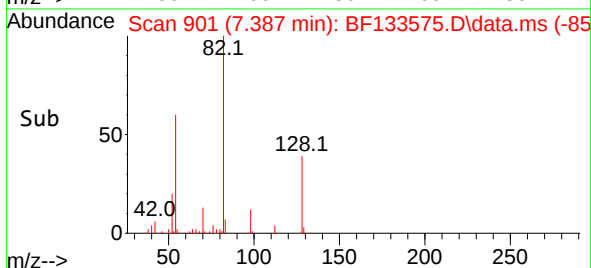
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

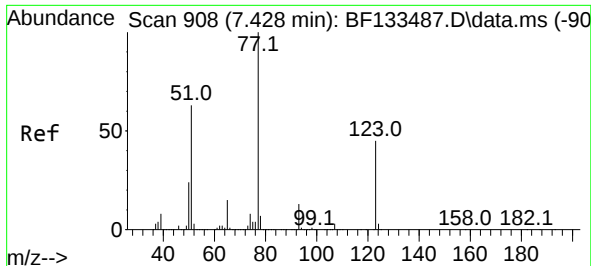


#23
Nitrobenzene-d5
Concen: 7.602 ng
RT: 7.387 min Scan# 901
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:	82	Resp:	78962
Ion Ratio	Lower	Upper	
82	100		
128	39.5	34.2	51.4
54	60.2	48.2	72.4





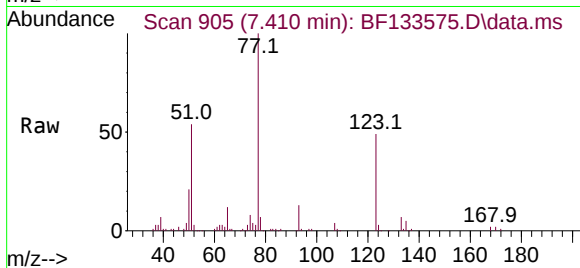
#24
Nitrobenzene
Concen: 3.849 ng
RT: 7.410 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

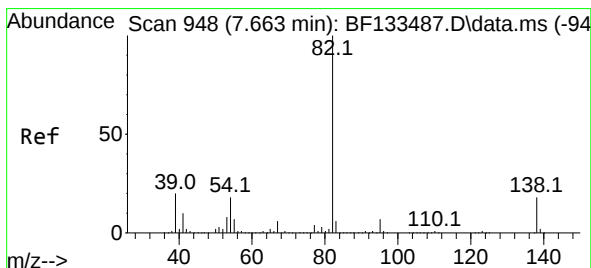
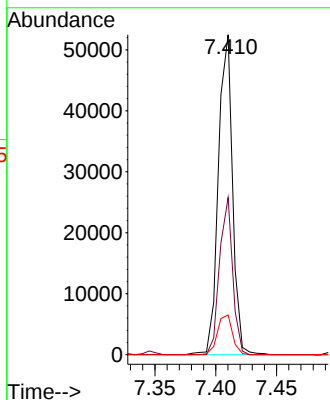
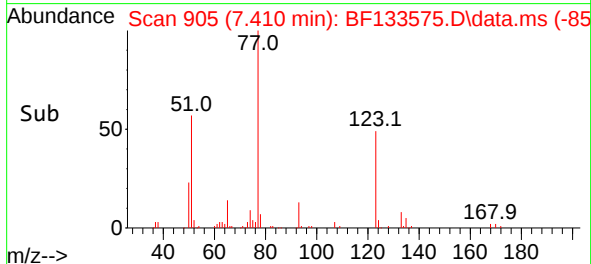
PB153176BS



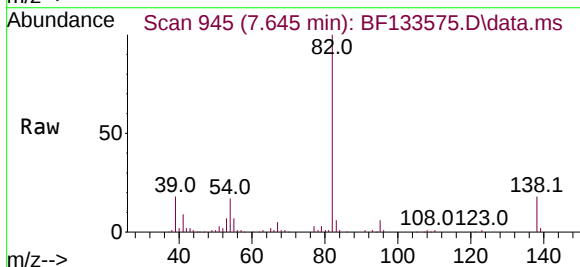
Tgt Ion: 77 Resp: 42590
Ion Ratio Lower Upper
77 100
123 49.1 35.8 53.8
65 12.4 11.8 17.8

Manual Integrations
APPROVED

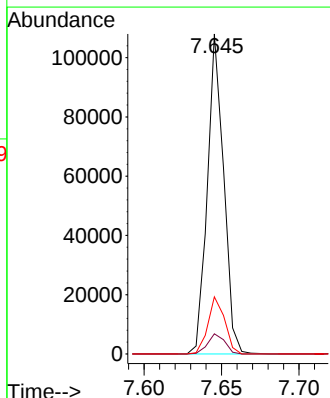
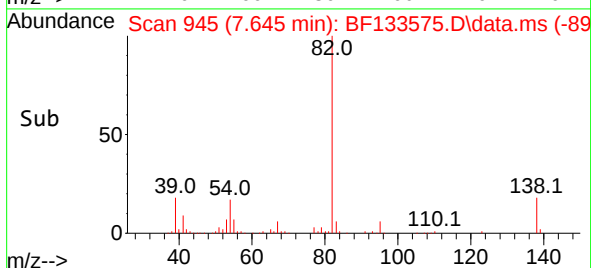
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

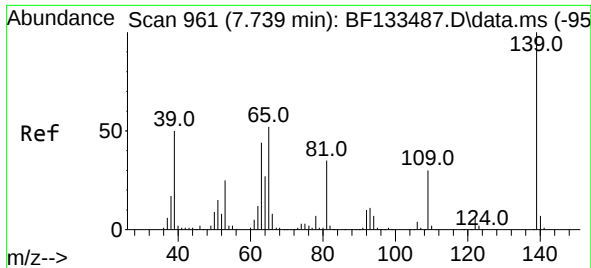


#25
Isophorone
Concen: 3.270 ng
RT: 7.645 min Scan# 945
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion: 82 Resp: 79149
Ion Ratio Lower Upper
82 100
95 6.3 5.7 8.5
138 17.8 14.2 21.4





#26
2-Nitrophenol
Concen: 6.791 ng
RT: 7.728 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

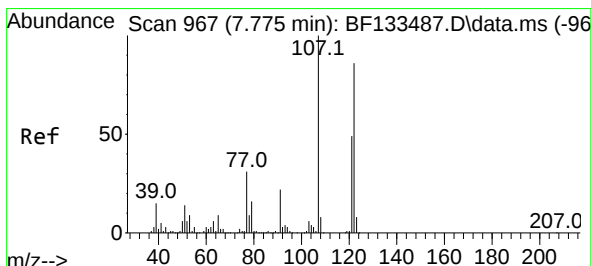
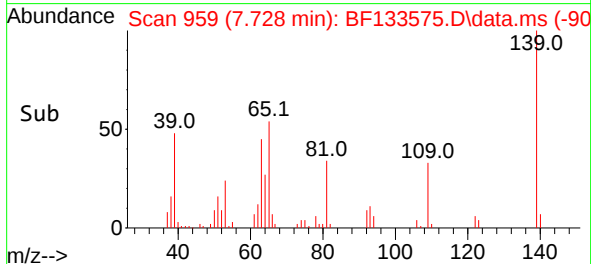
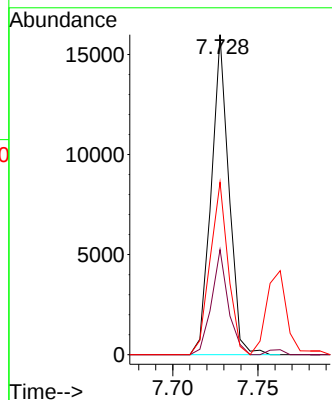
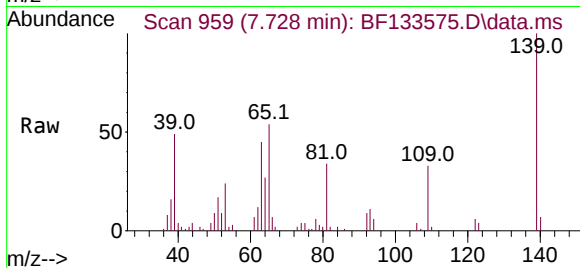
ClientSampleId :

PB153176BS

Tgt Ion:139 Resp: 11529
Ion Ratio Lower Upper
139 100
109 32.9 24.0 36.0
65 53.9 41.7 62.5

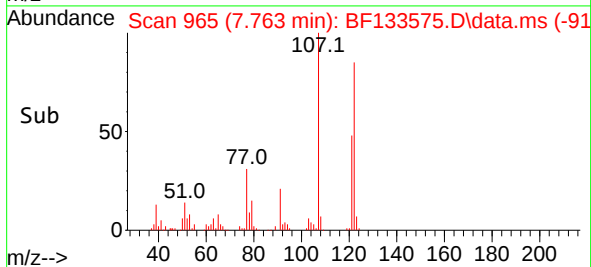
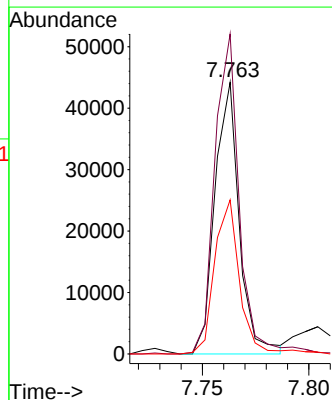
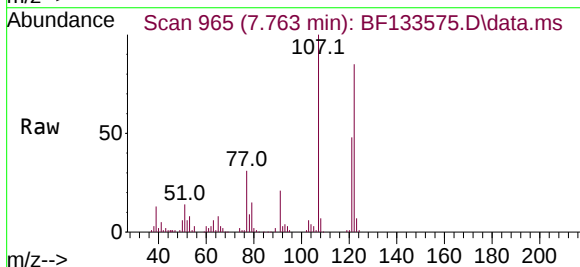
Manual Integrations
APPROVED

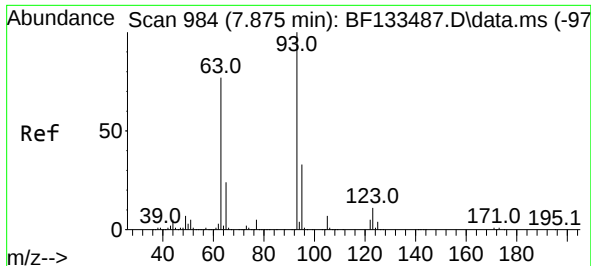
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#27
2,4-Dimethylphenol
Concen: 3.406 ng
RT: 7.763 min Scan# 965
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

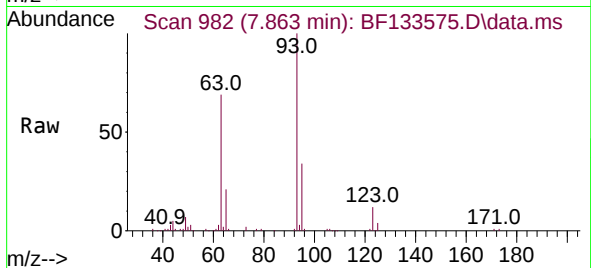
Tgt Ion:122 Resp: 35087
Ion Ratio Lower Upper
122 100
107 117.8 93.4 140.0
121 56.7 45.6 68.4





#28
bis(2-Chloroethoxy)methane
Concen: 3.446 ng
RT: 7.863 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

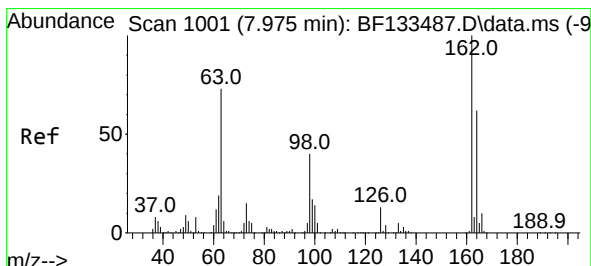
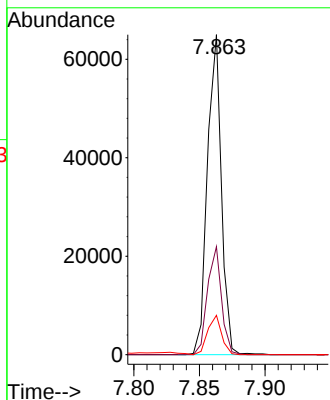
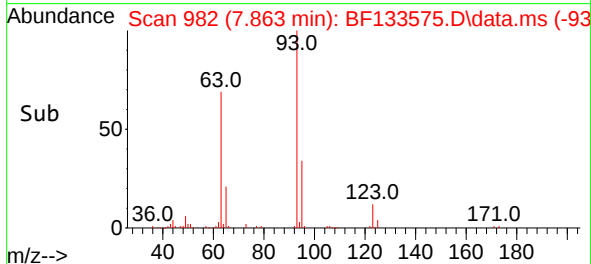
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion: 93 Resp: 48360
Ion Ratio Lower Upper
93 100
95 33.8 26.8 40.2
123 12.3 9.4 14.0

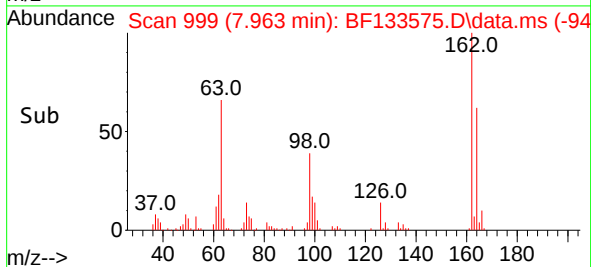
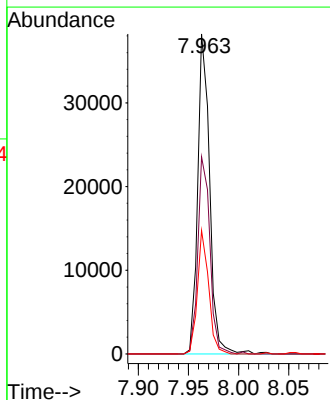
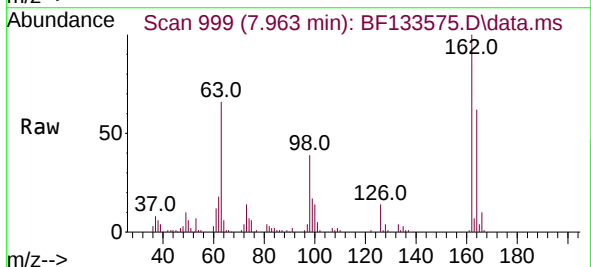
Manual Integrations
APPROVED

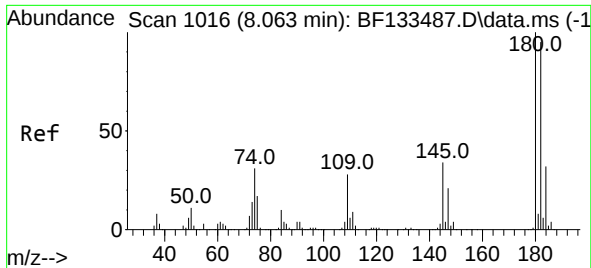
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#29
2,4-Dichlorophenol
Concen: 3.433 ng
RT: 7.963 min Scan# 999
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:162 Resp: 31813
Ion Ratio Lower Upper
162 100
164 61.6 42.2 82.2
98 38.6 19.7 59.7





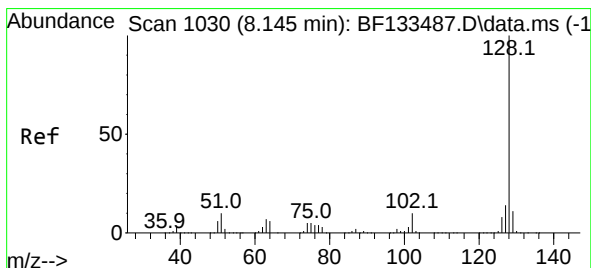
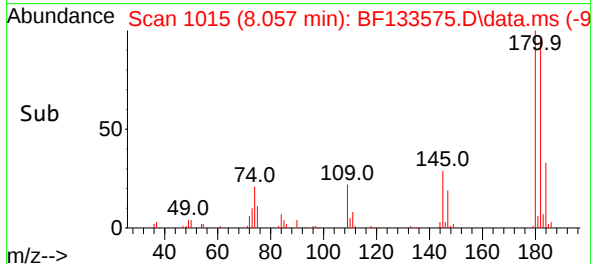
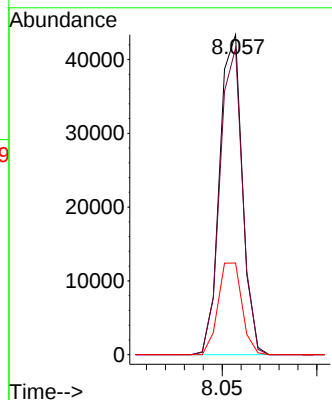
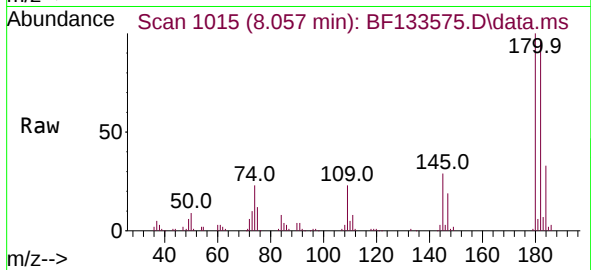
#30
1,2,4-Trichlorobenzene
Concen: 3.592 ng
RT: 8.057 min Scan# 1016
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:180 Resp: 36000
Ion Ratio Lower Upper
180 100
182 95.8 76.1 114.1
145 28.6 27.0 40.4

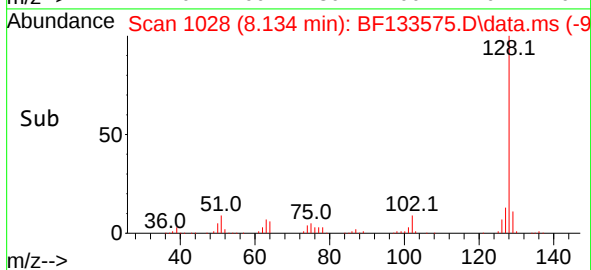
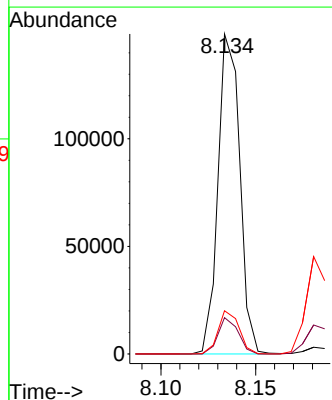
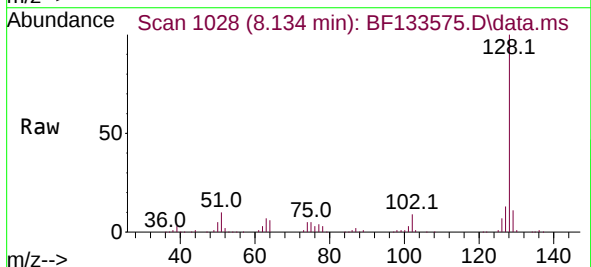
Manual Integrations
APPROVED

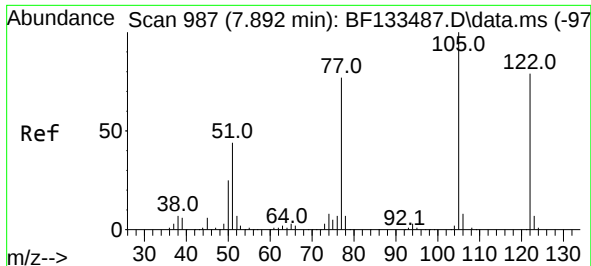
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#31
Naphthalene
Concen: 3.542 ng
RT: 8.134 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:128 Resp: 119077
Ion Ratio Lower Upper
128 100
129 11.4 9.2 13.8
127 13.5 10.9 16.3





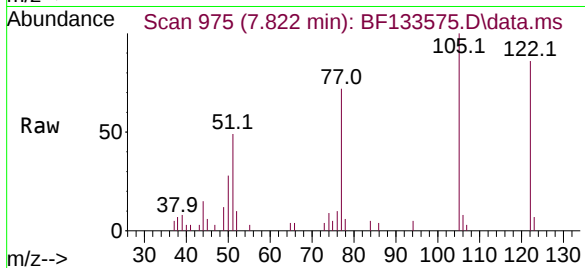
#32
Benzoic acid
Concen: 8.940 ng m
RT: 7.822 min Scan# 91
Delta R.T. -0.041 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

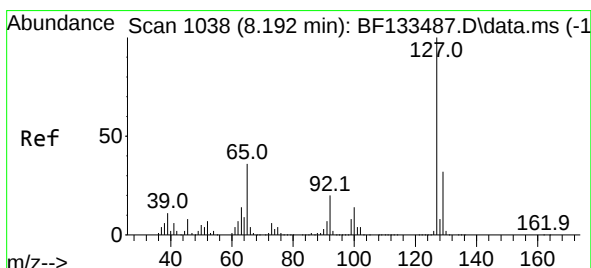
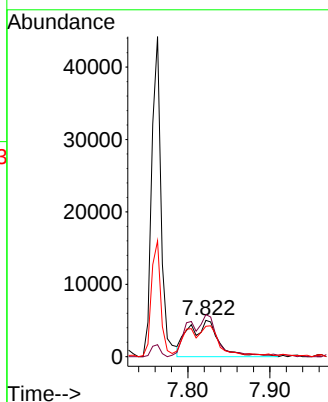
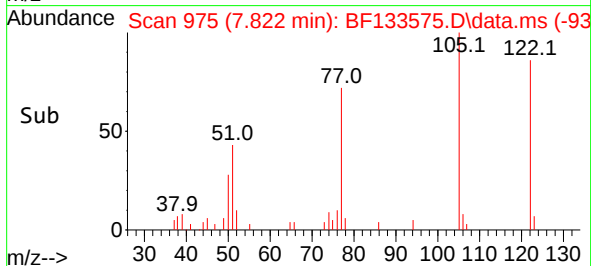
PB153176BS



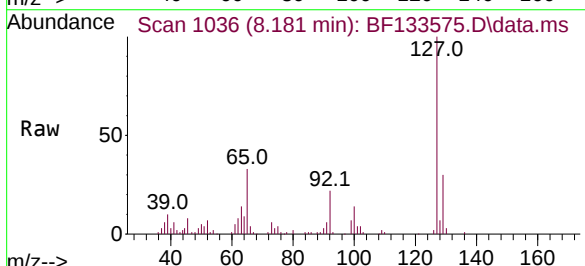
Tgt Ion:122 Resp: 12744
Ion Ratio Lower Upper
122 100
105 115.9 103.3 143.3
77 83.6 75.7 115.7

Manual Integrations
APPROVED

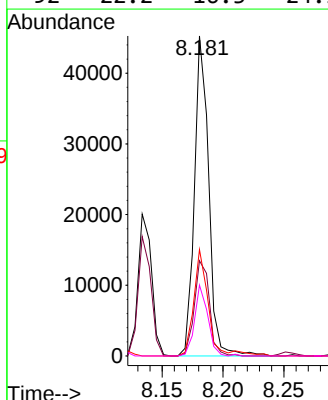
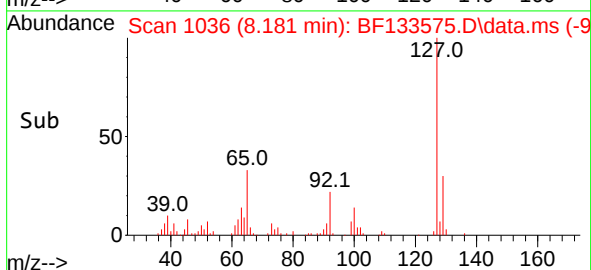
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

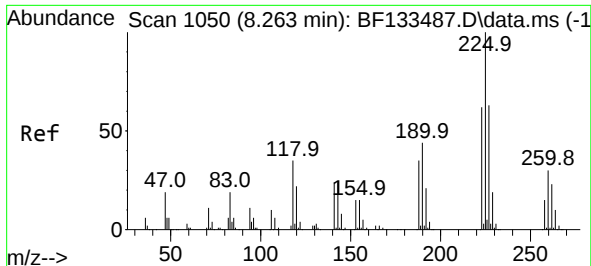


#33
4-Chloroaniline
Concen: 2.580 ng
RT: 8.181 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:127 Resp: 37176
Ion Ratio Lower Upper
127 100
129 29.8 25.9 38.9
65 33.2 29.0 43.6
92 22.2 16.3 24.5





#34
Hexachlorobutadiene
Concen: 3.567 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

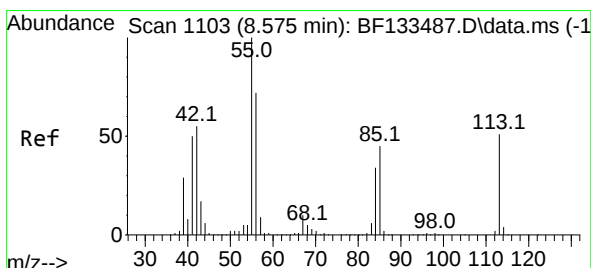
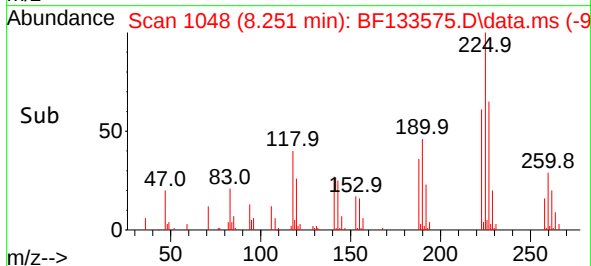
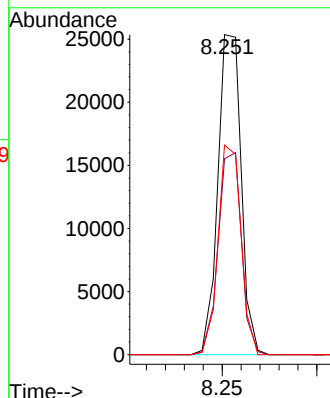
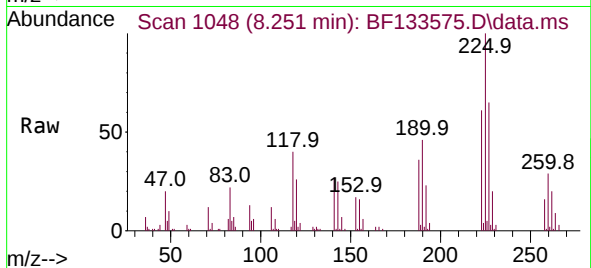
PB153176BS

Tgt Ion:225 Resp: 21740
Ion Ratio Lower Upper
225 100
223 61.2 49.8 74.8
227 65.5 50.2 75.4

Manual Integrations

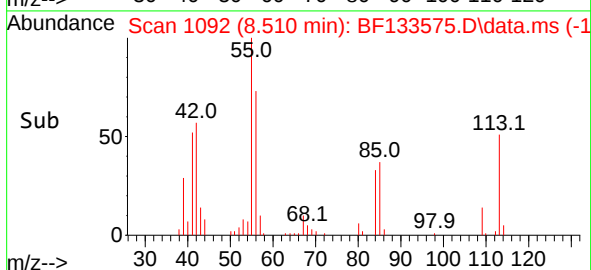
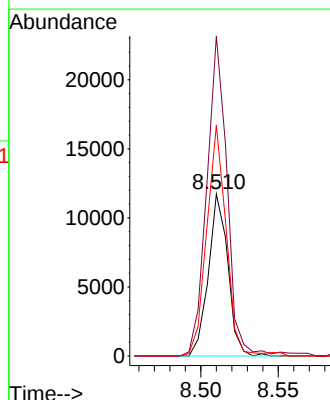
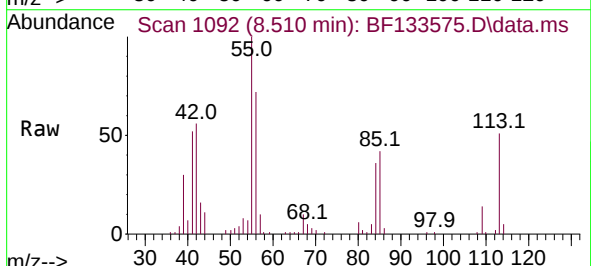
APPROVED

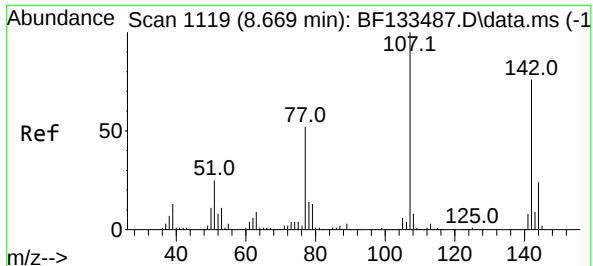
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#35
Caprolactam
Concen: 3.365 ng
RT: 8.510 min Scan# 1092
Delta R.T. -0.047 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:113 Resp: 10226
Ion Ratio Lower Upper
113 100
55 197.6 177.5 217.5
56 142.5 122.3 162.3





#36
4-Chloro-3-methylphenol
Concen: 3.220 ng
RT: 8.657 min Scan# 1117
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

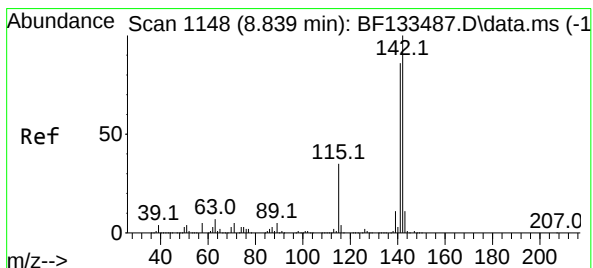
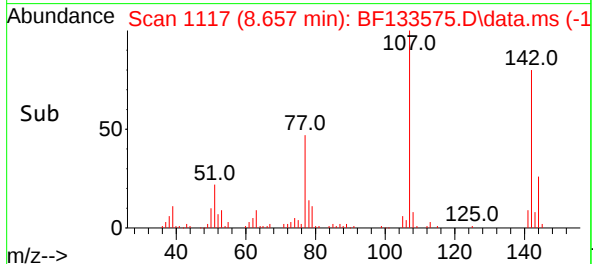
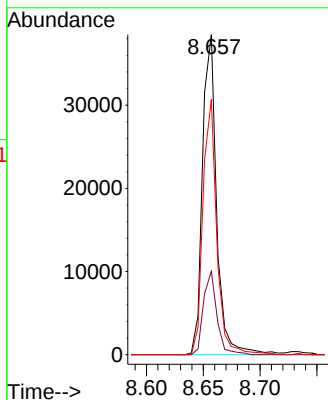
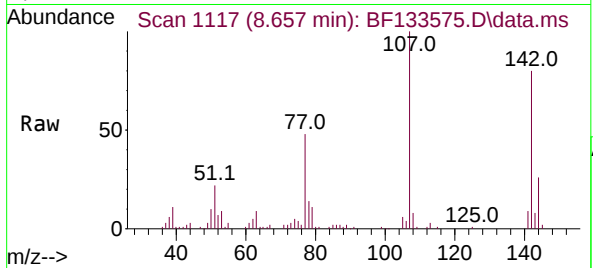
ClientSampleId :

PB153176BS

Tgt Ion:107 Resp: 33428
Ion Ratio Lower Upper
107 100
144 26.0 19.4 29.0
142 79.8 60.5 90.7

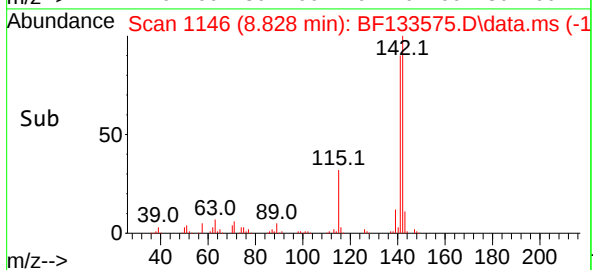
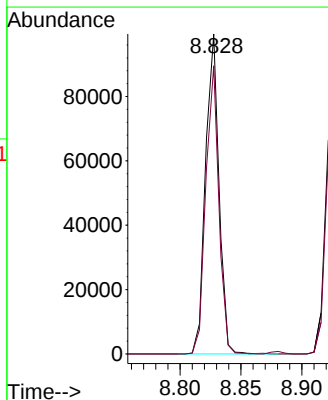
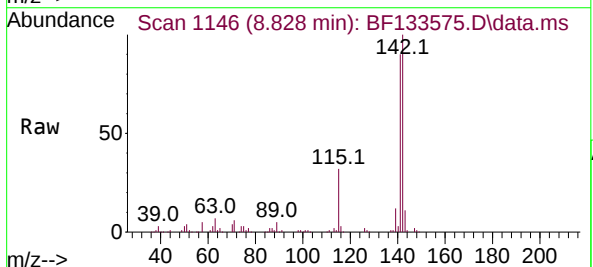
Manual Integrations
APPROVED

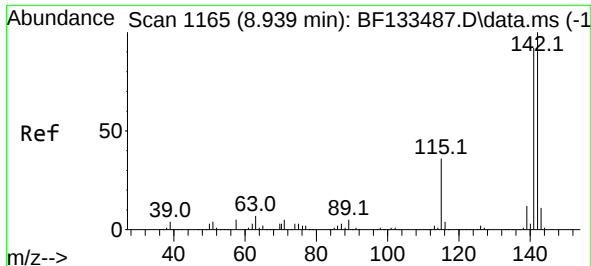
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#37
2-Methylnaphthalene
Concen: 3.324 ng
RT: 8.828 min Scan# 1146
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:142 Resp: 76305
Ion Ratio Lower Upper
142 100
141 90.1 69.2 103.8





#38

1-Methylnaphthalene

Concen: 3.324 ng

RT: 8.928 min Scan# 1163

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:142 Resp: 71130

Ion Ratio Lower Upper

142 100

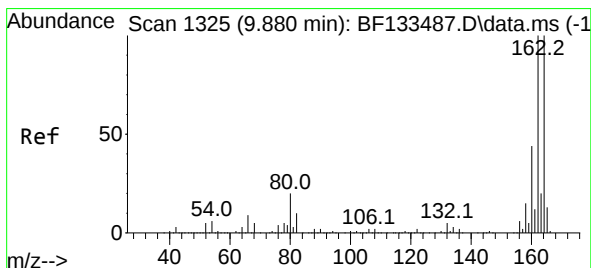
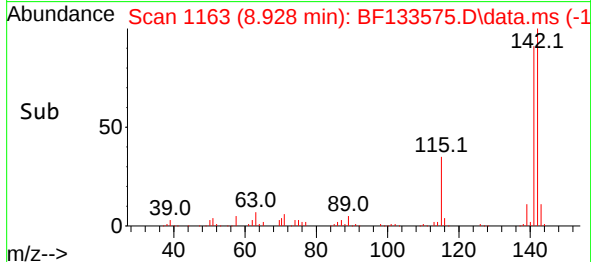
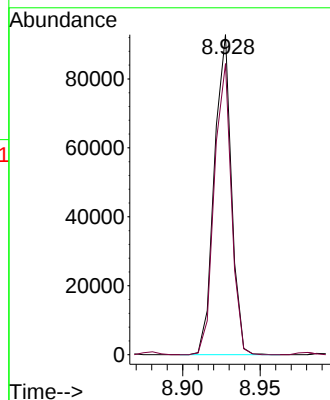
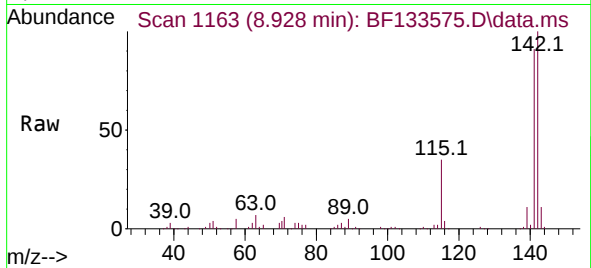
141 91.0 73.6 110.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.869 min Scan# 1323

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

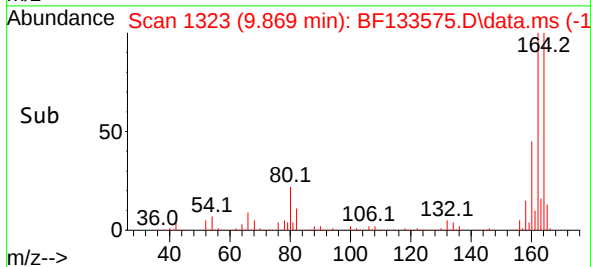
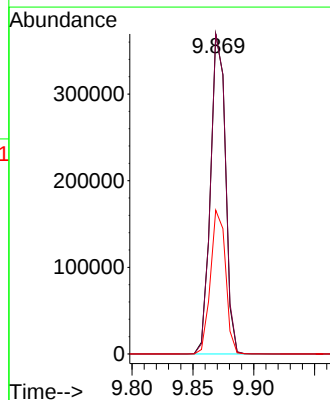
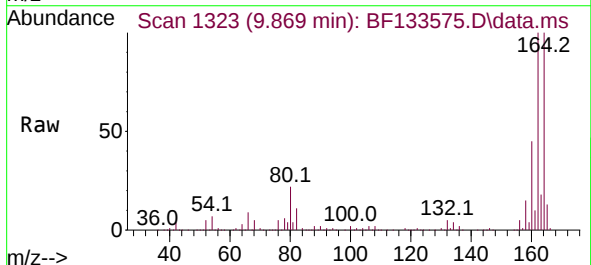
Tgt Ion:164 Resp: 315270

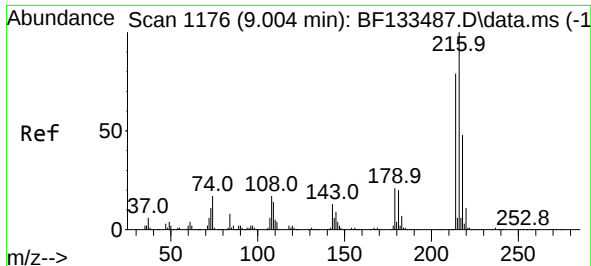
Ion Ratio Lower Upper

164 100

162 99.9 79.7 119.5

160 44.9 35.4 53.0





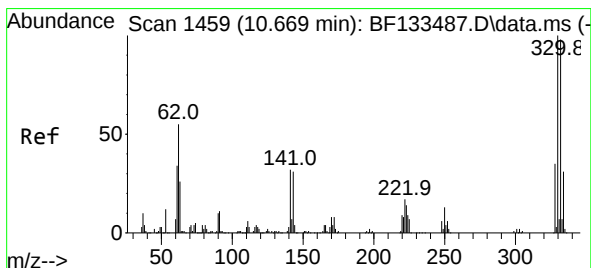
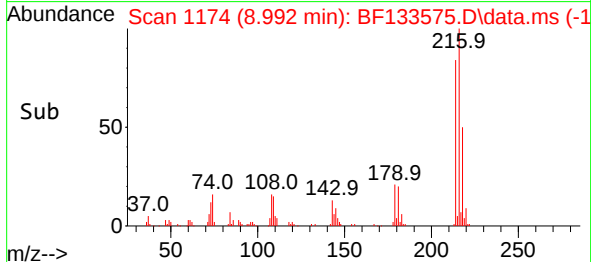
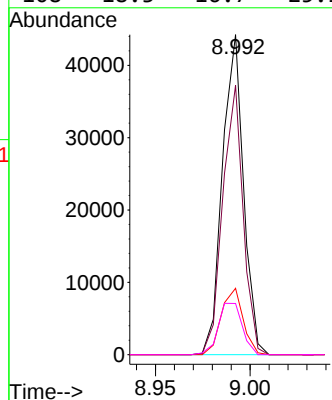
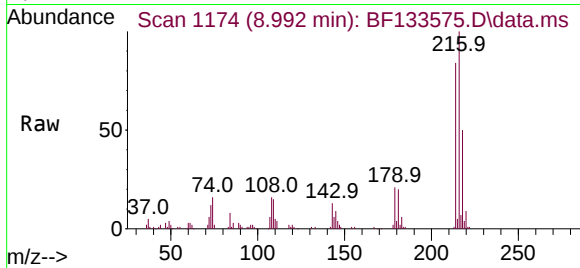
#40
1,2,4,5-Tetrachlorobenzene
Concen: 3.663 ng
RT: 8.992 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:216 Resp: 34220
Ion Ratio Lower Upper
216 100
214 81.4 63.2 94.8
179 21.5 17.3 25.9
108 18.3 16.7 25.1

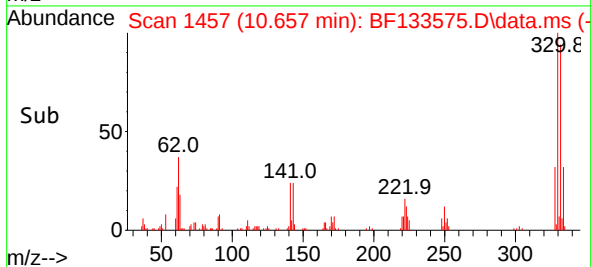
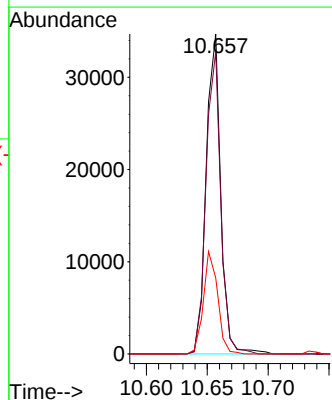
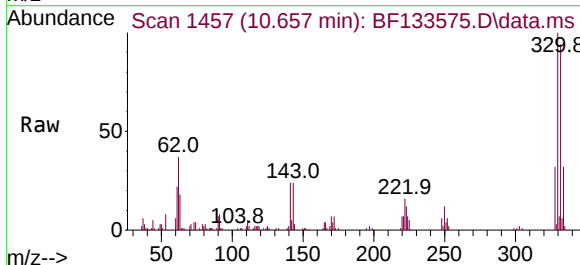
Manual Integrations
APPROVED

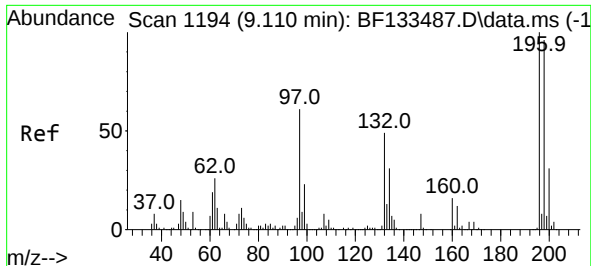
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#42
2,4,6-Tribromophenol
Concen: 9.185 ng
RT: 10.657 min Scan# 1457
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

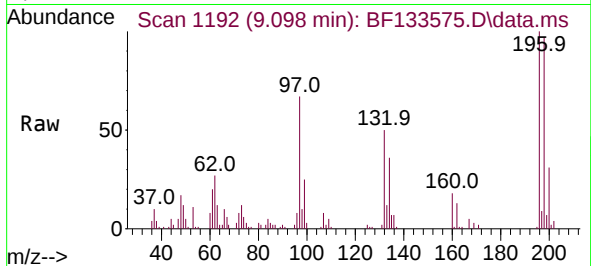
Tgt Ion:330 Resp: 28866
Ion Ratio Lower Upper
330 100
332 95.2 77.8 116.6
141 31.5 26.6 40.0





#43
2,4,6-Trichlorophenol
Concen: 3.366 ng
RT: 9.098 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

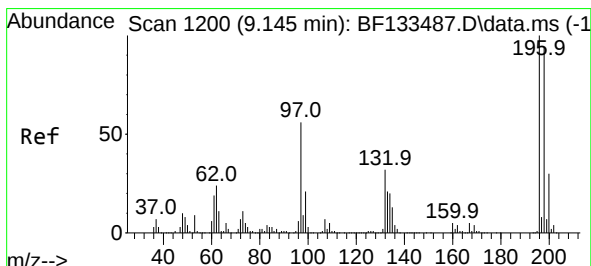
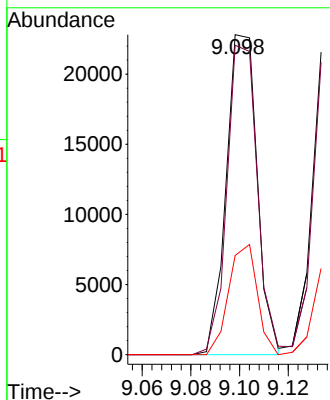
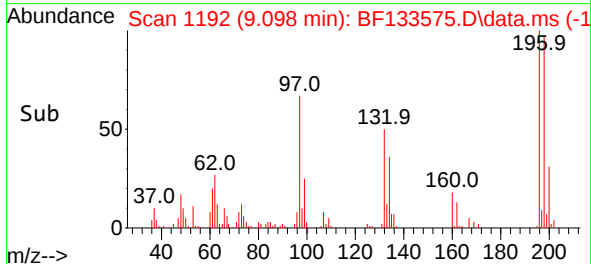
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion:196 Resp: 2012
Ion Ratio Lower Upper
196 100
198 96.7 76.6 115.0
200 31.0 24.6 37.0

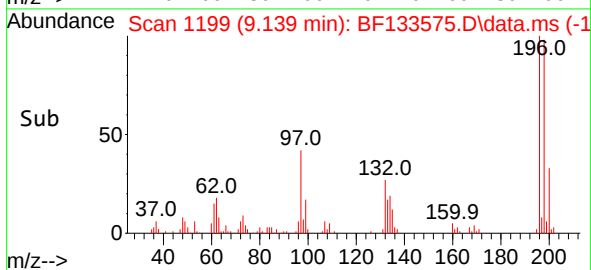
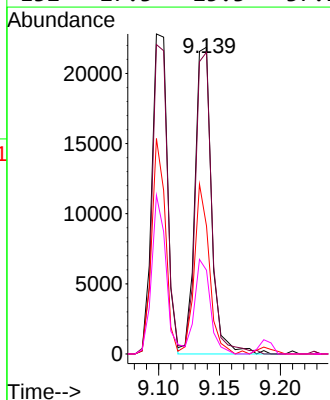
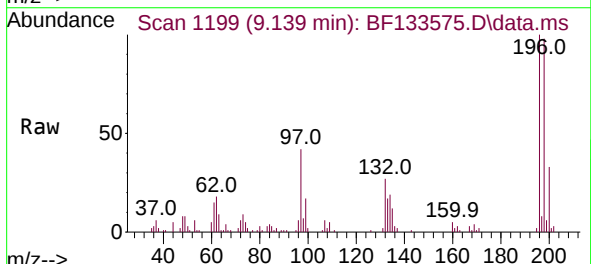
Manual Integrations
APPROVED

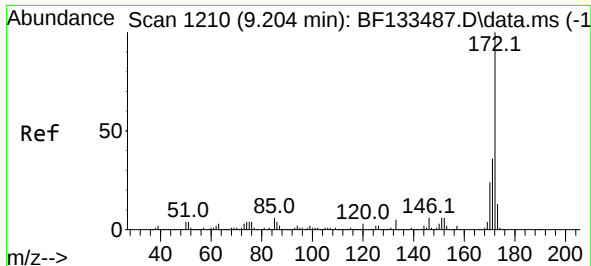
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#44
2,4,5-Trichlorophenol
Concen: 3.014 ng
RT: 9.139 min Scan# 1199
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:196 Resp: 20916
Ion Ratio Lower Upper
196 100
198 98.4 75.3 112.9
97 41.7 44.9 67.3#
132 27.3 25.3 37.9





#45

2-Fluorobiphenyl

Concen: 8.356 ng

RT: 9.186 min Scan# 1207

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:172 Resp: 17068

Ion Ratio Lower Upper

172 100

171 33.8 28.4 42.6

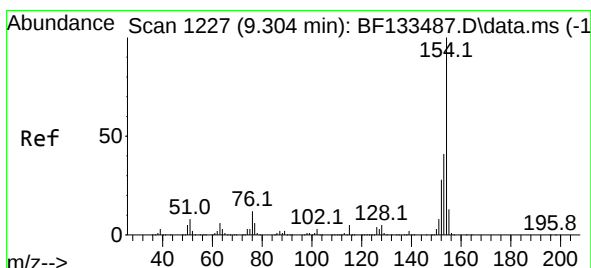
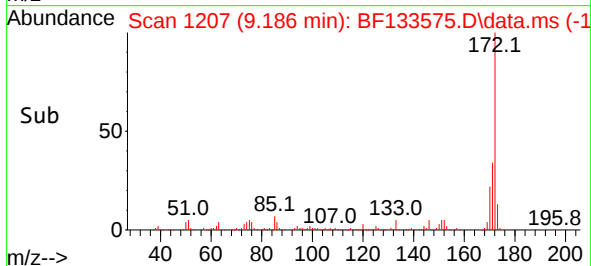
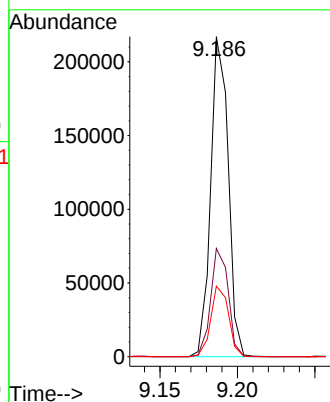
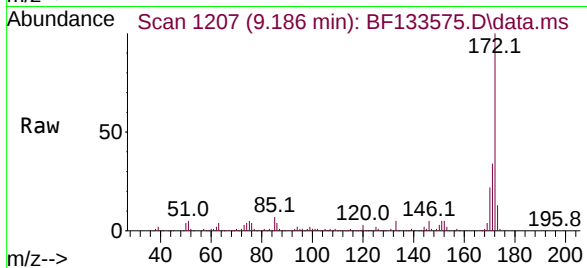
170 22.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#46

1,1'-Biphenyl

Concen: 3.827 ng

RT: 9.292 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

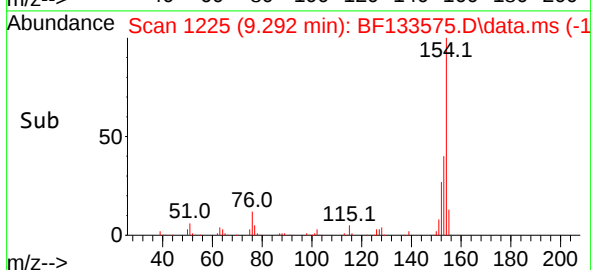
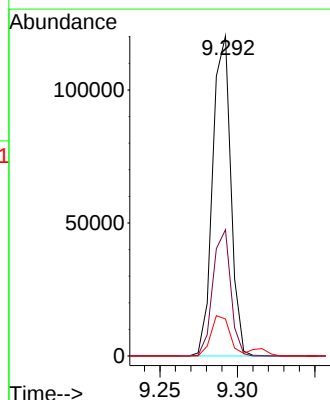
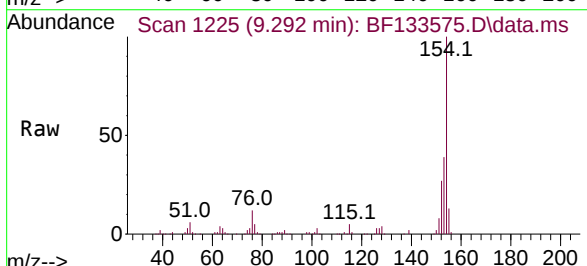
Tgt Ion:154 Resp: 98026

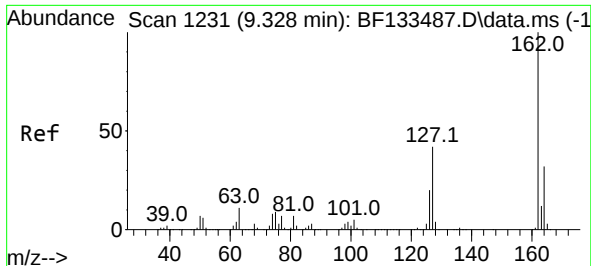
Ion Ratio Lower Upper

154 100

153 39.5 21.0 61.0

76 11.5 0.0 32.5





#47

2-Chloronaphthalene

Concen: 3.670 ng

RT: 9.316 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

Tgt Ion:162 Resp: 6813

Ion Ratio Lower Upper

162 100

127 38.5 33.2 49.8

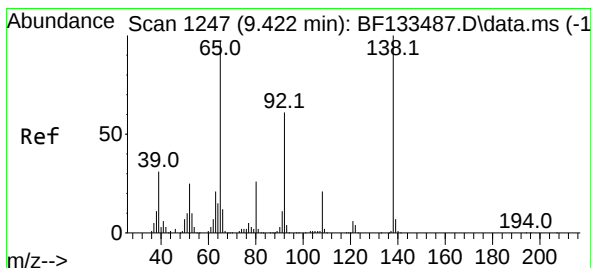
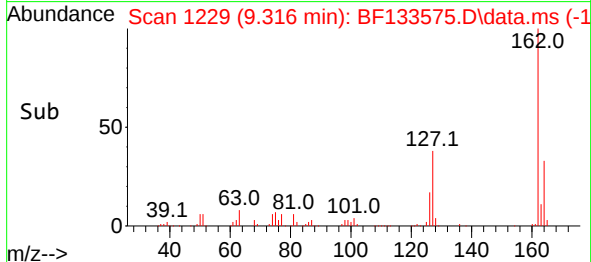
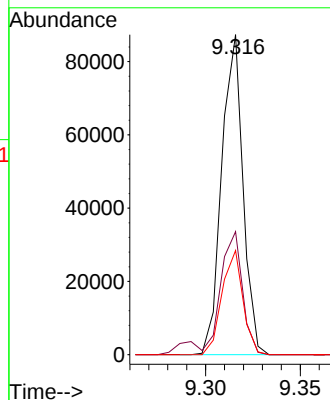
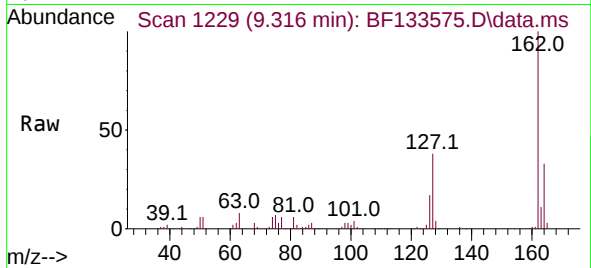
164 32.6 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#48

2-Nitroaniline

Concen: 7.124 ng

RT: 9.404 min Scan# 1244

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

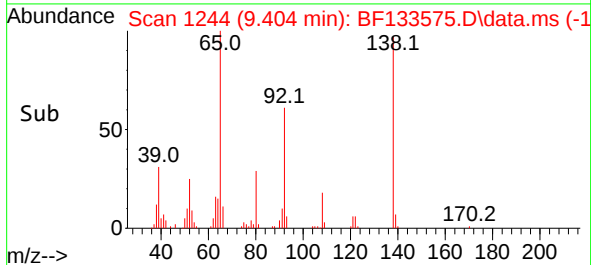
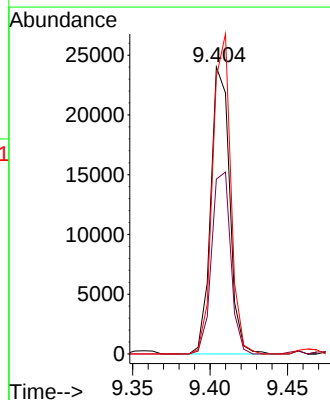
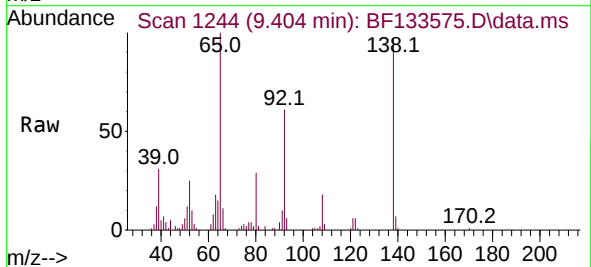
Tgt Ion: 65 Resp: 20371

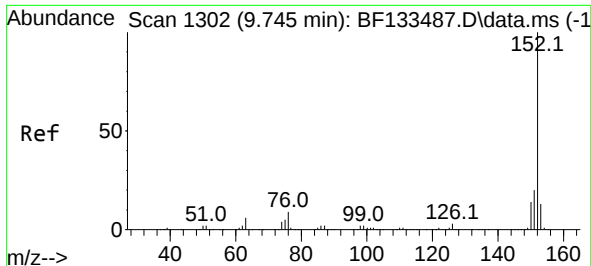
Ion Ratio Lower Upper

65 100

92 61.0 50.8 76.2

138 96.5 82.6 124.0





#49

Acenaphthylene

Concen: 3.424 ng

RT: 9.728 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133575.D

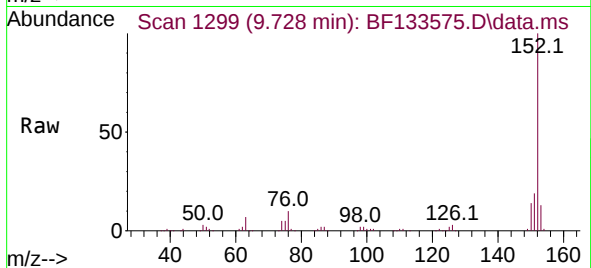
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS



Tgt Ion:152 Resp: 10846

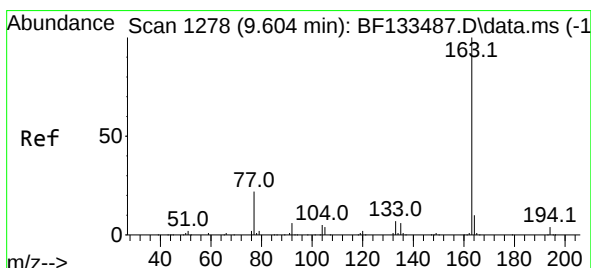
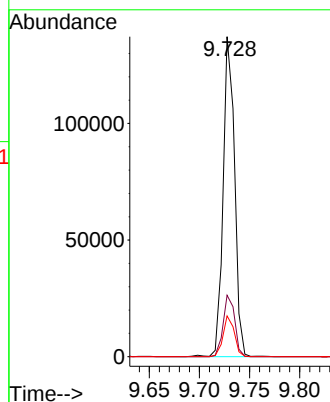
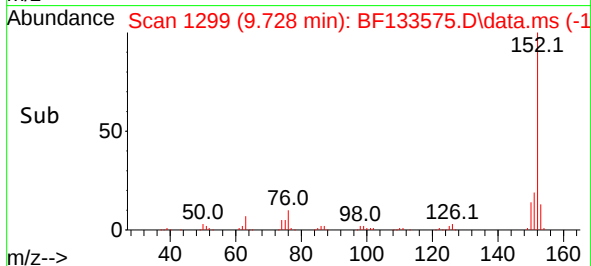
Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0
153	12.7	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#50

Dimethylphthalate

Concen: 3.693 ng

RT: 9.586 min Scan# 1275

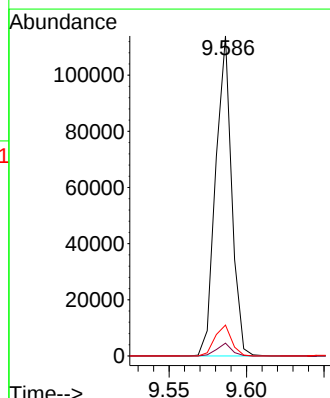
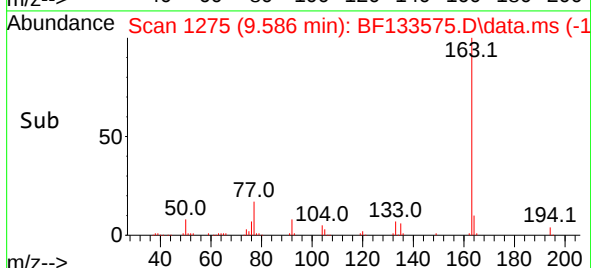
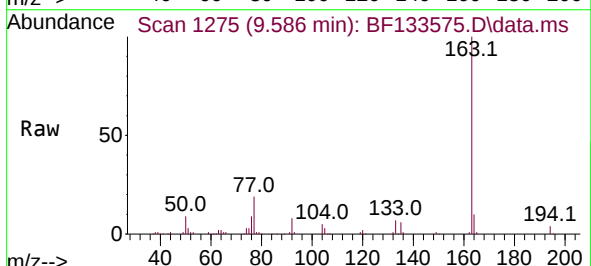
Delta R.T. -0.012 min

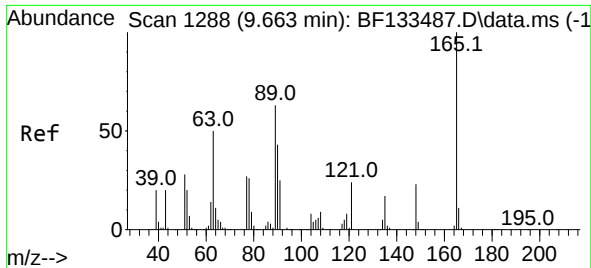
Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:163 Resp: 81824

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.0	4.6
164	9.6	8.2	12.2





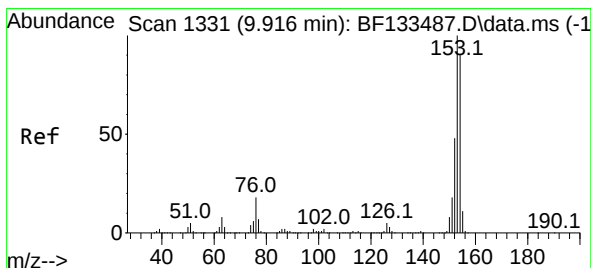
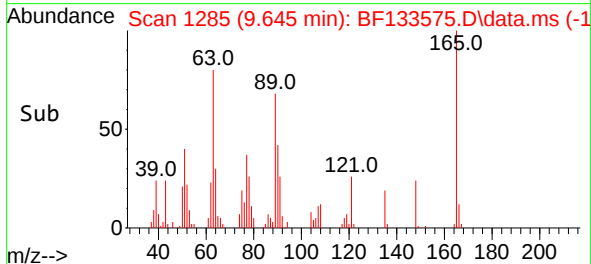
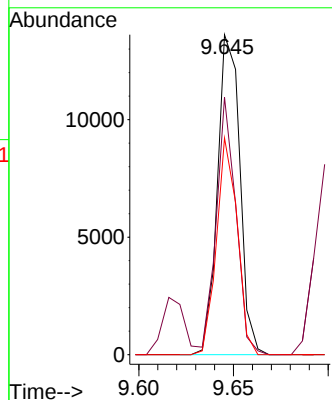
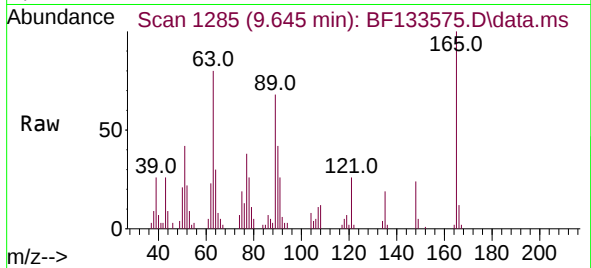
#51
2,6-Dinitrotoluene
Concen: 6.134 ng
RT: 9.645 min Scan# 1118
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:165 Resp: 1118
Ion Ratio Lower Upper
165 100
63 80.5 57.0 85.4
89 67.7 50.8 76.2

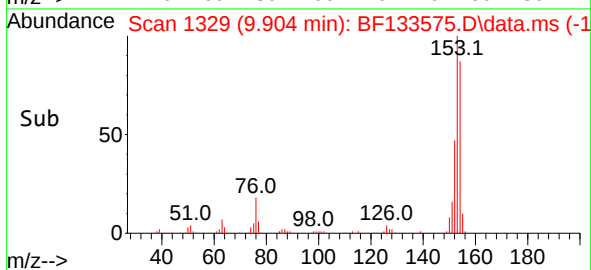
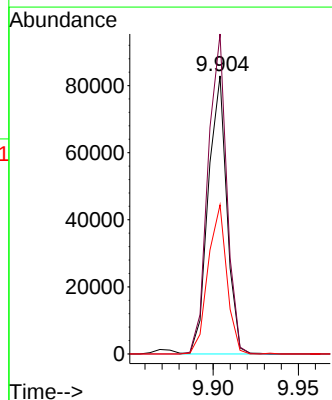
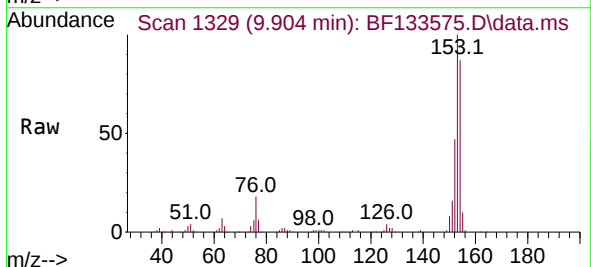
Manual Integrations
APPROVED

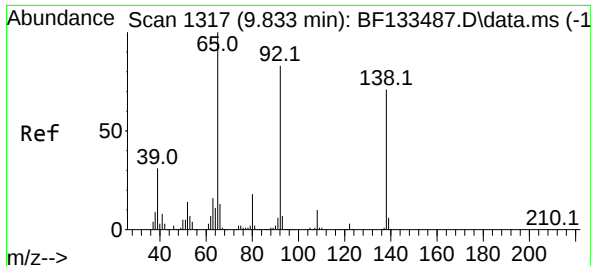
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#52
Acenaphthene
Concen: 3.275 ng
RT: 9.904 min Scan# 1329
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:154 Resp: 62841
Ion Ratio Lower Upper
154 100
153 115.1 89.2 133.8
152 53.6 43.1 64.7





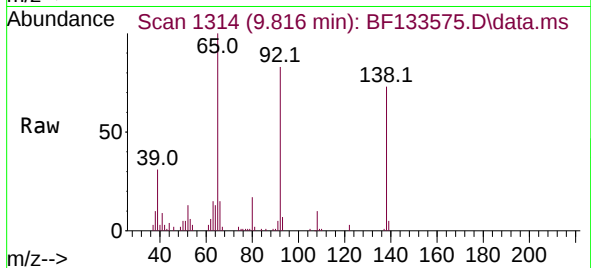
#53
3-Nitroaniline
Concen: 6.250 ng
RT: 9.816 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS



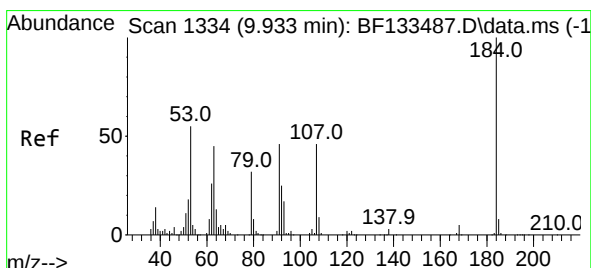
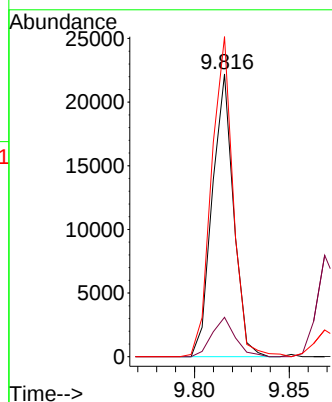
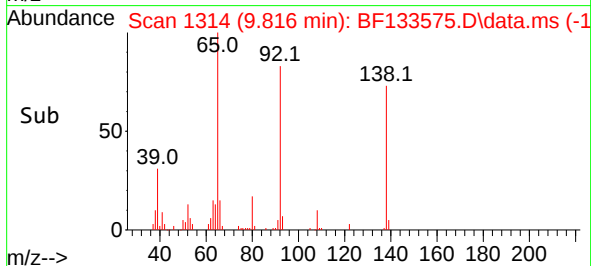
Tgt Ion:138 Resp: 1736
Ion Ratio Lower Upper
138 100
108 13.9 11.9 17.9
92 113.2 93.1 139.7

Manual Integrations

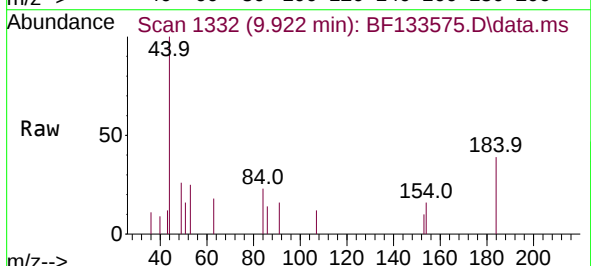
APPROVED

Reviewed By :Yogesh Patel 06/06/2023

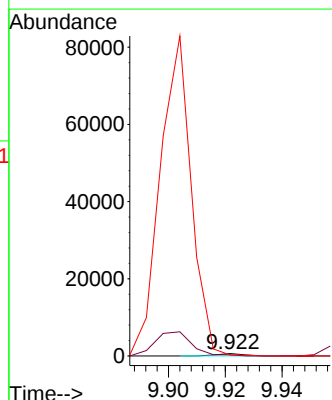
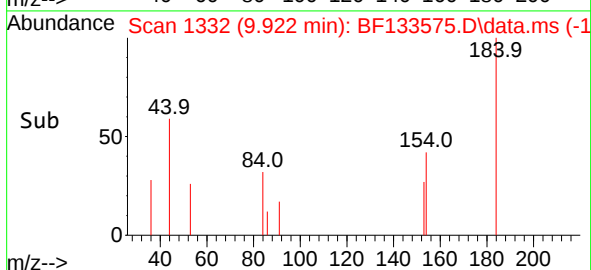
Supervised By :mohammad ahmed 06/08/2023

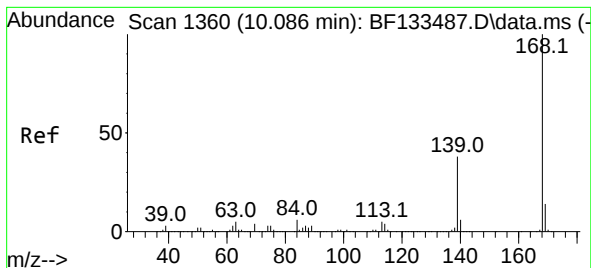


#54
2,4-Dinitrophenol
Concen: 6.763 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:184 Resp: 399
Ion Ratio Lower Upper
184 100
63 46.2 55.7 83.5#
154 41.7 49.3 73.9#





#55

Dibenzenofuran

Concen: 3.405 ng

RT: 10.075 min Scan# 1358

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

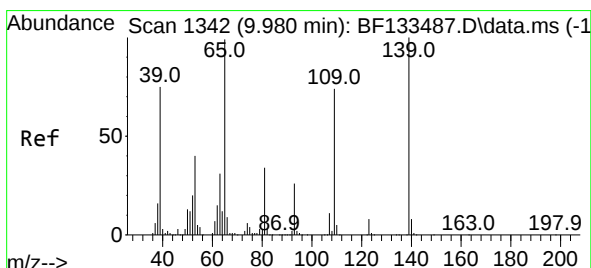
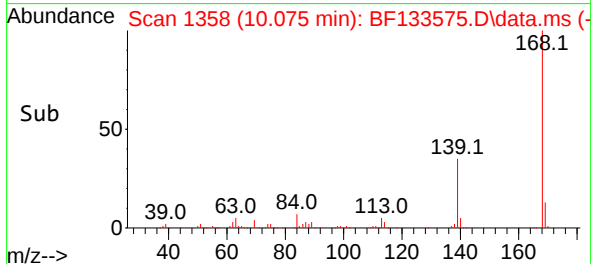
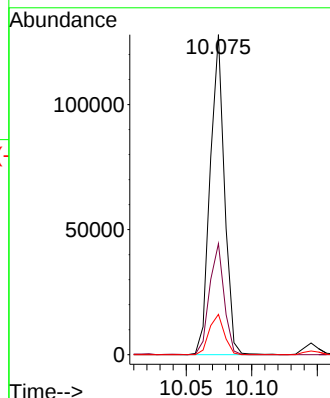
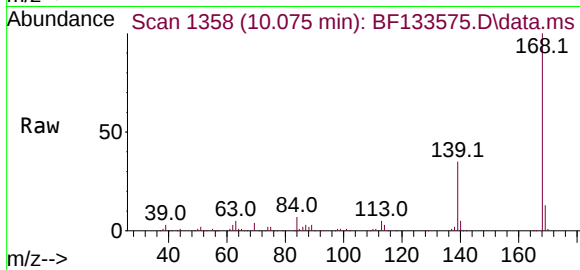
Tgt Ion:168 Resp: 97214
 Ion Ratio Lower Upper
 168 100
 139 34.7 30.6 46.0
 169 12.6 10.9 16.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#56

4-Nitrophenol

Concen: 4.851 ng

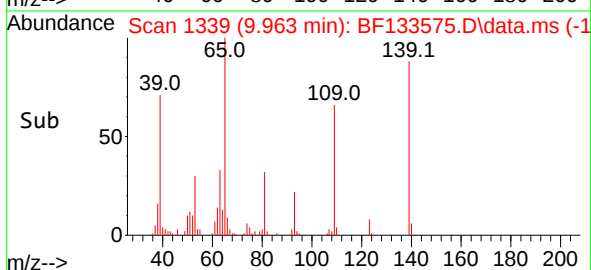
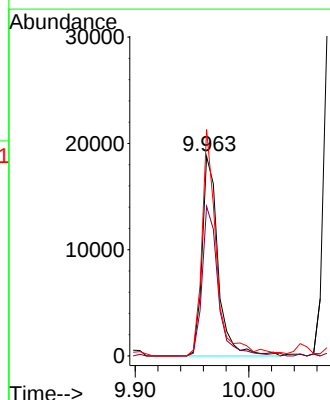
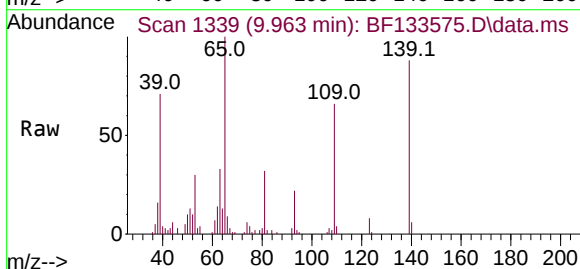
RT: 9.963 min Scan# 1339

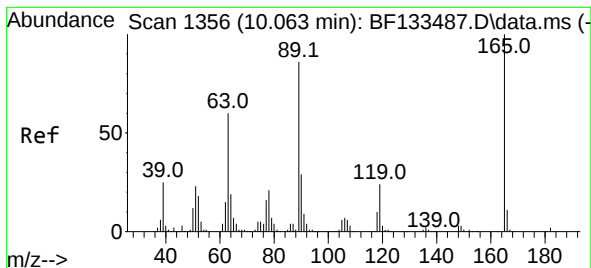
Delta R.T. -0.012 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:139 Resp: 18390
 Ion Ratio Lower Upper
 139 100
 109 75.0 54.5 94.5
 65 113.5 79.5 119.5





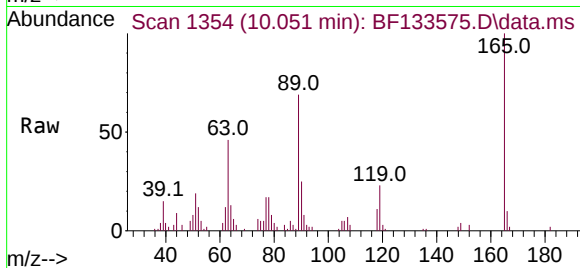
#57
2,4-Dinitrotoluene
Concen: 6.713 ng
RT: 10.051 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

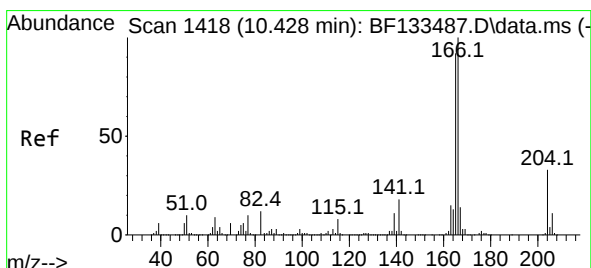
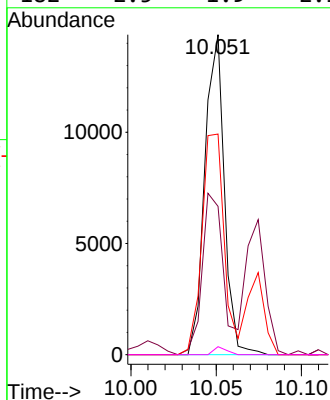
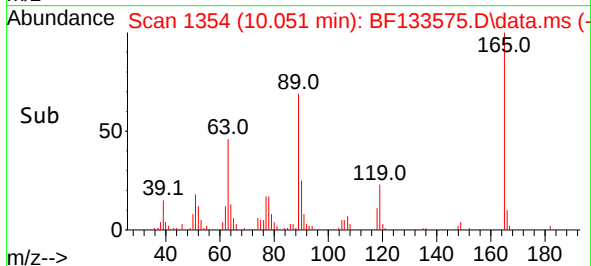


Tgt Ion:165 Resp: 1141
Ion Ratio Lower Upper
165 100
63 46.3 48.1 72.1
89 68.9 68.4 102.6
182 2.5 1.9 2.9

Manual Integrations

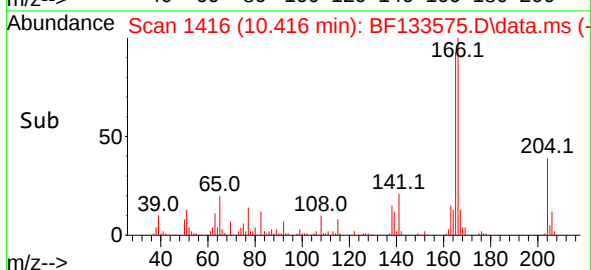
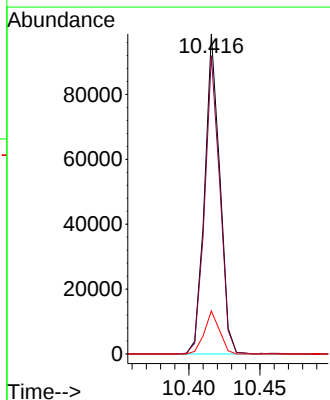
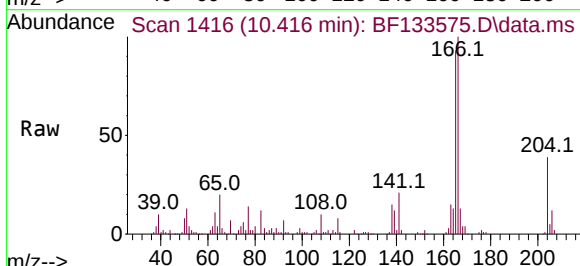
APPROVED

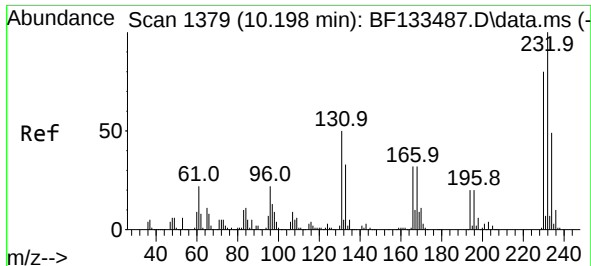
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#58
Fluorene
Concen: 3.491 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

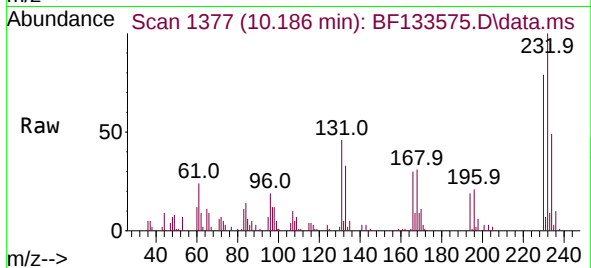
Tgt Ion:166 Resp: 73014
Ion Ratio Lower Upper
166 100
165 93.2 73.4 110.0
167 13.5 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 3.113 ng
RT: 10.186 min Scan# 1377
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

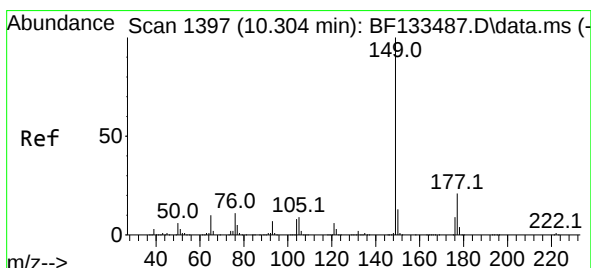
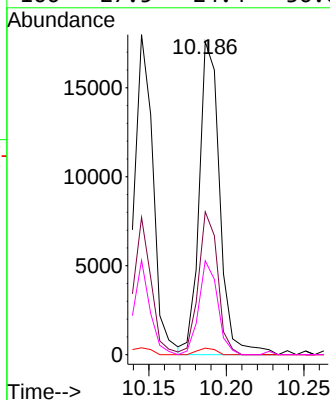
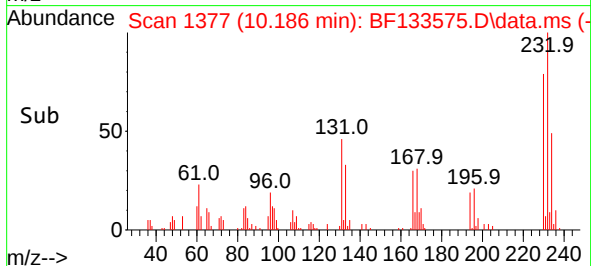
Instrument :
BNA_F
ClientSampleId :
PB153176BS



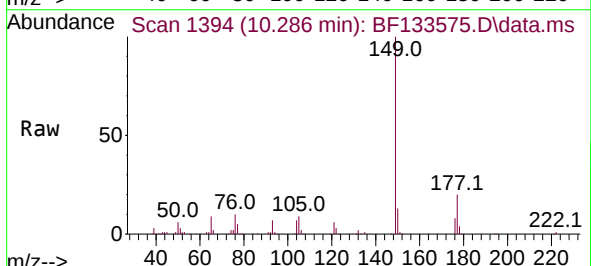
Tgt Ion:232 Resp: 1627
Ion Ratio Lower Upper
232 100
131 42.5 37.9 56.9
130 1.9 1.8 2.6
166 27.5 24.4 36.6

Manual Integrations
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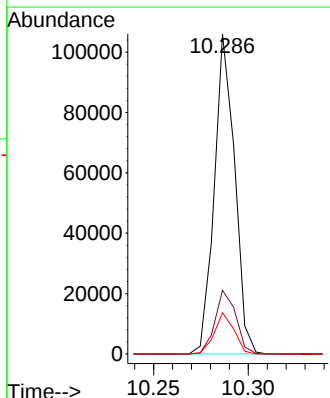
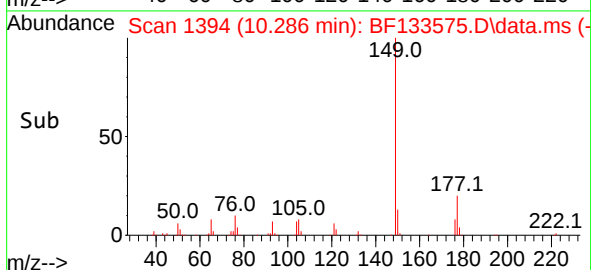
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

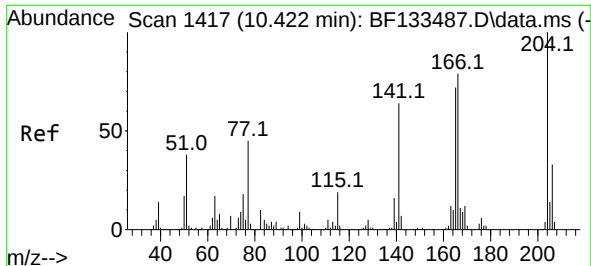


#60
Diethylphthalate
Concen: 3.446 ng
RT: 10.286 min Scan# 1394
Delta R.T. -0.012 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:149 Resp: 79257
Ion Ratio Lower Upper
149 100
177 19.9 17.1 25.7
150 12.9 10.2 15.2





#61
4-Chlorophenyl-phenylether
Concen: 3.537 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

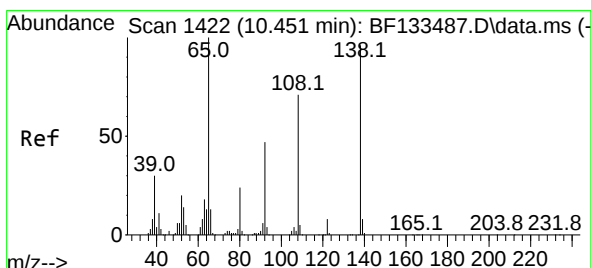
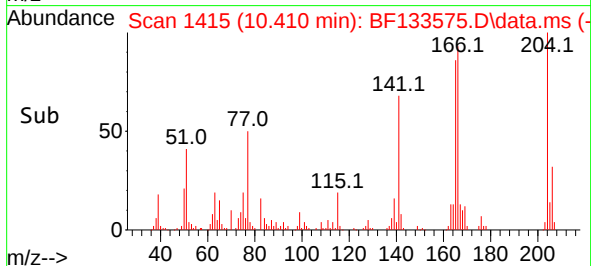
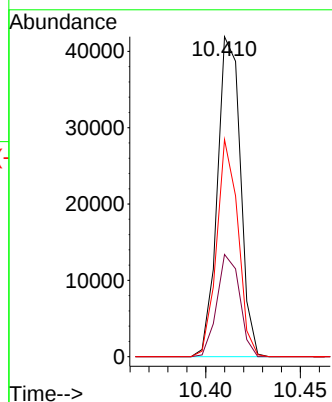
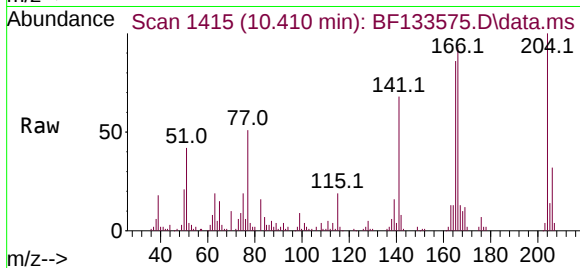
PB153176BS

Tgt Ion:204 Resp: 35520
Ion Ratio Lower Upper
204 100
206 32.0 26.2 39.2
141 67.9 51.4 77.2

Manual Integrations

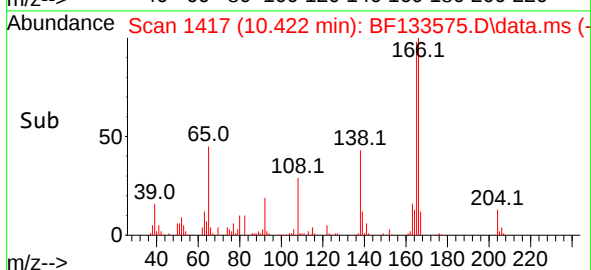
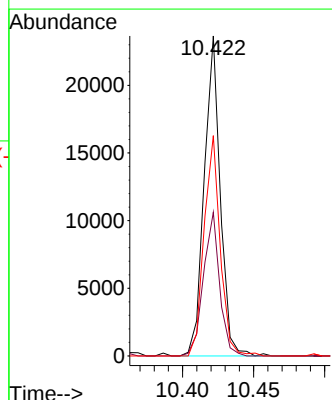
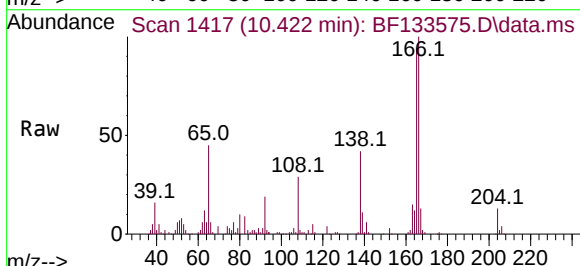
APPROVED

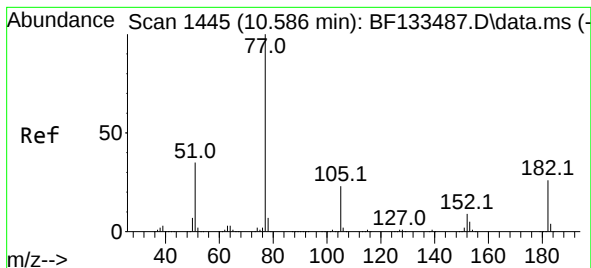
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#62
4-Nitroaniline
Concen: 6.268 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:138 Resp: 18633
Ion Ratio Lower Upper
138 100
92 44.9 28.4 68.4
108 68.8 54.2 94.2





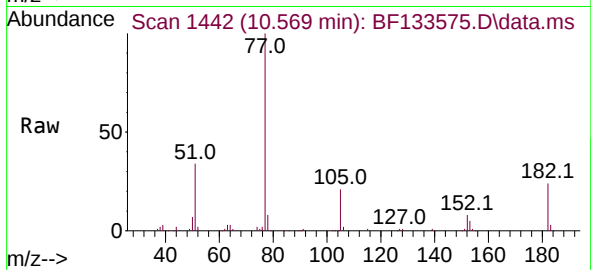
#63
Azobenzene
Concen: 2.983 ng
RT: 10.569 min Scan# 1445
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

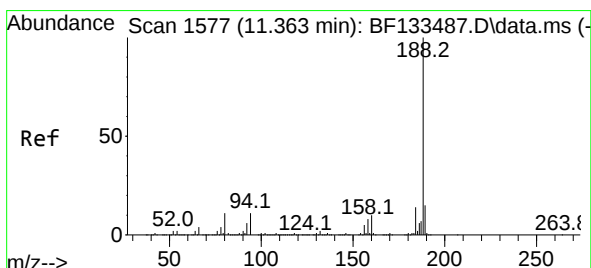
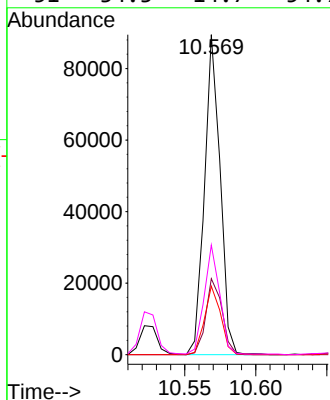
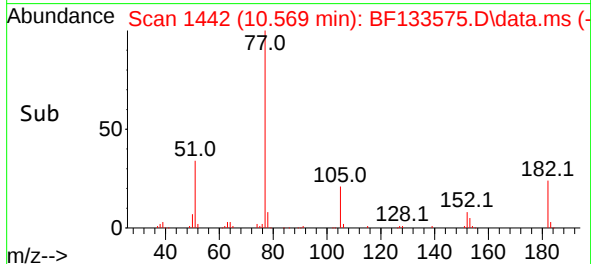


Tgt Ion: 77 Resp: 68692
Ion Ratio Lower Upper
77 100
182 23.8 5.6 45.6
105 21.4 2.6 42.6
51 34.3 14.7 54.7

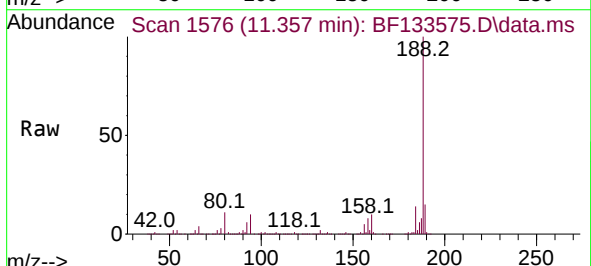
Manual Integrations

APPROVED

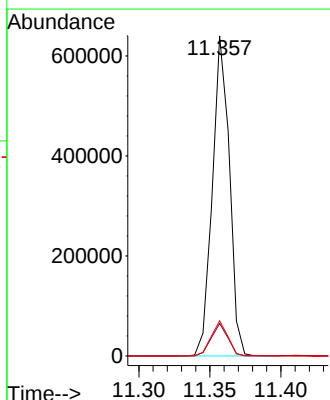
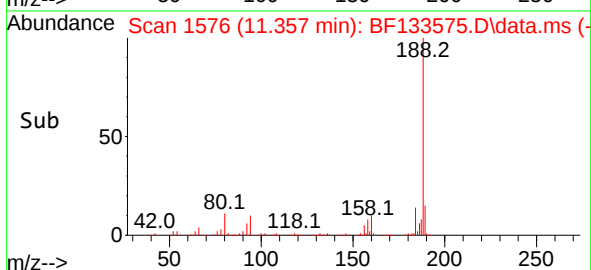
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

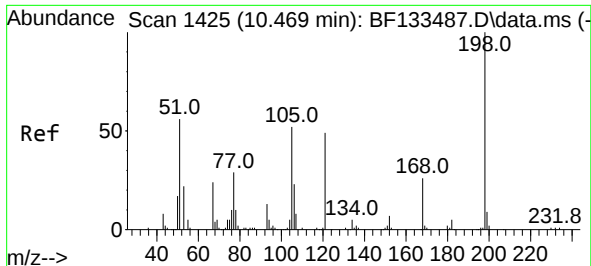


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.357 min Scan# 1576
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:188 Resp: 532142
Ion Ratio Lower Upper
188 100
94 10.2 8.6 12.8
80 11.0 9.2 13.8





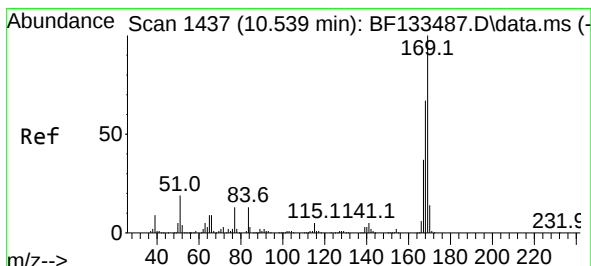
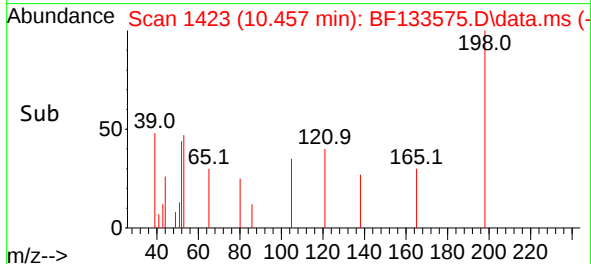
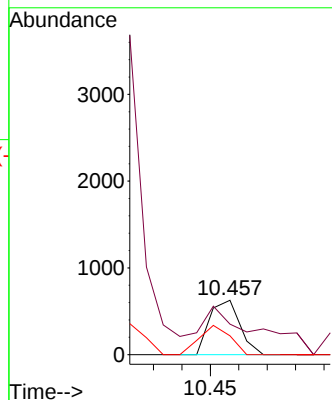
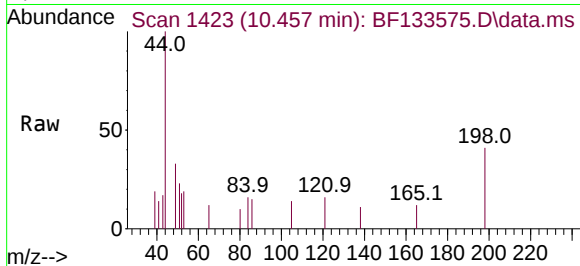
#65
4,6-Dinitro-2-methylphenol
Concen: 8.887 ng
RT: 10.457 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:198 Resp: 460
Ion Ratio Lower Upper
198 100
51 56.2 53.6 93.6
105 34.7 35.9 75.9

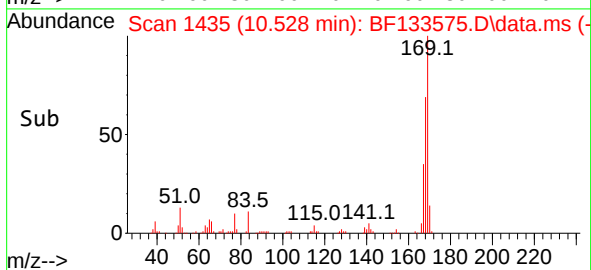
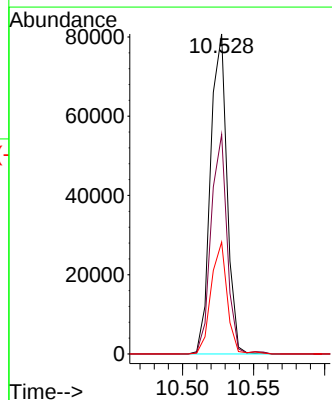
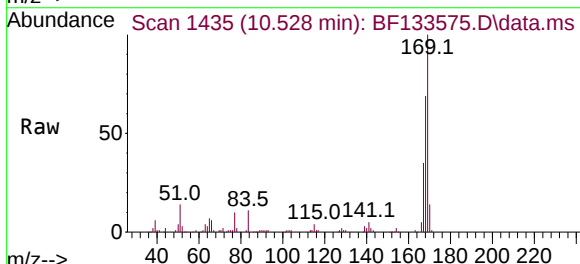
Manual Integrations
APPROVED

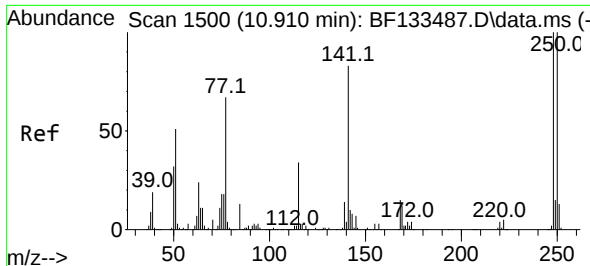
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#66
n-Nitrosodiphenylamine
Concen: 3.789 ng
RT: 10.528 min Scan# 1435
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

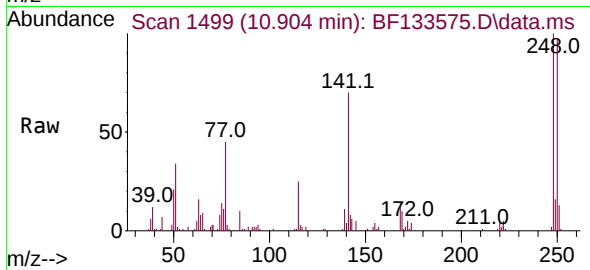
Tgt Ion:169 Resp: 65453
Ion Ratio Lower Upper
169 100
168 68.6 53.7 80.5
167 35.0 29.6 44.4





#67
4-Bromophenyl-phenylether
Concen: 3.414 ng
RT: 10.904 min Scan# 1499
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

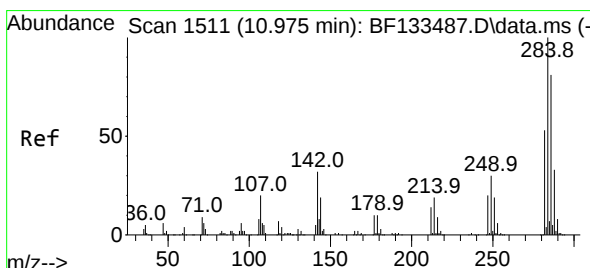
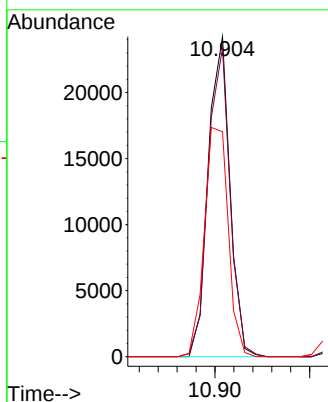
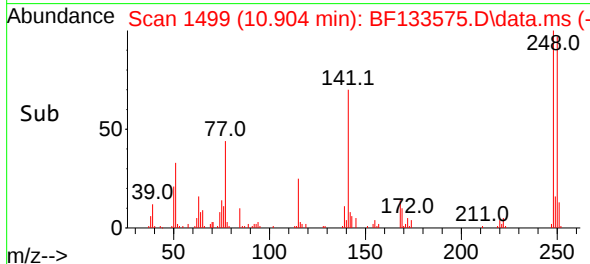
Instrument :
BNA_F
ClientSampleId :
PB153176BS



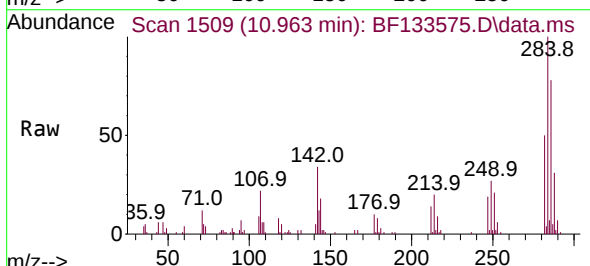
Tgt Ion:248 Resp: 19292
Ion Ratio Lower Upper
248 100
250 96.6 79.7 119.5
141 70.3 66.6 100.0

Manual Integrations
APPROVED

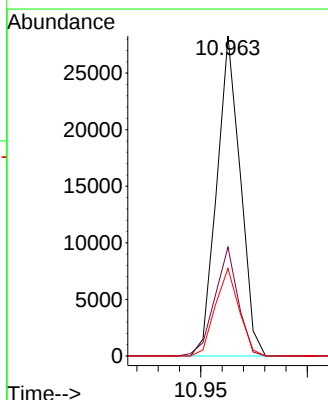
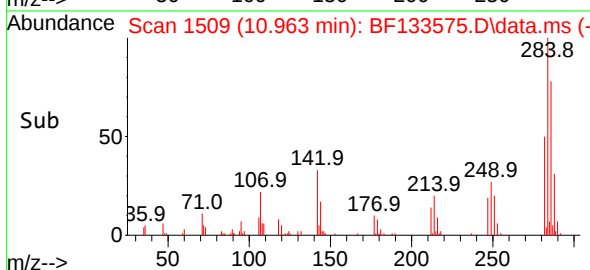
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

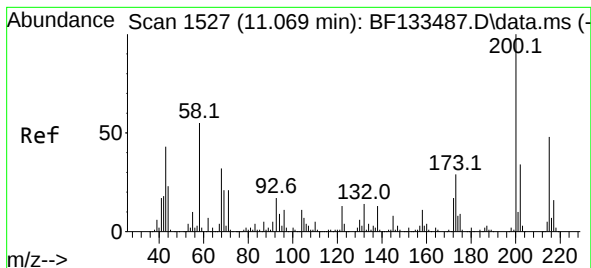


#68
Hexachlorobenzene
Concen: 3.670 ng
RT: 10.963 min Scan# 1509
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:284 Resp: 21687
Ion Ratio Lower Upper
284 100
142 34.0 25.8 38.6
249 27.4 24.4 36.6





#69

Atrazine

Concen: 4.014 ng

RT: 11.051 min Scan# 1102

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

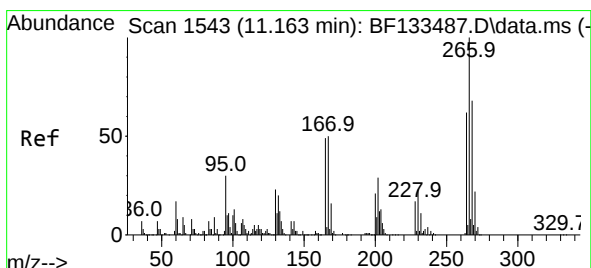
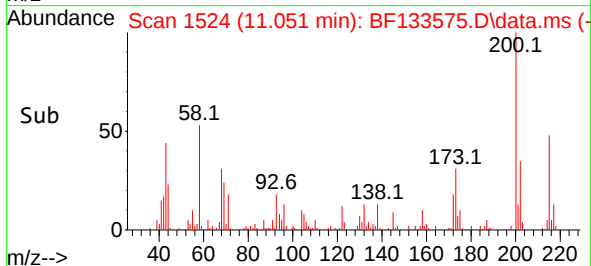
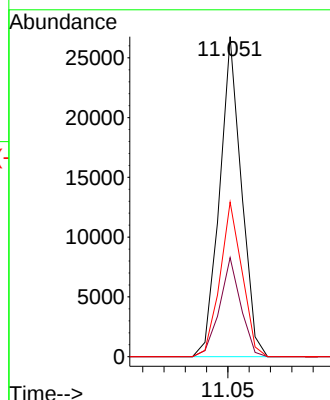
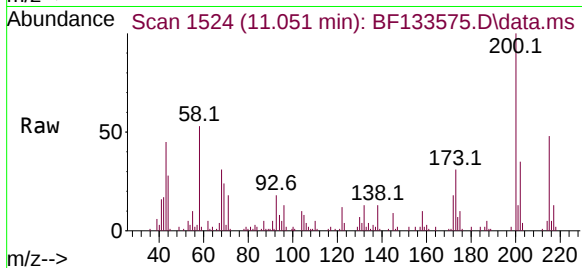
Tgt Ion:200	Resp:	1902
Ion Ratio	Lower	Upper
200	100	
173	31.0	9.0 49.0
215	48.3	27.6 67.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#70

Pentachlorophenol

Concen: 4.952 ng

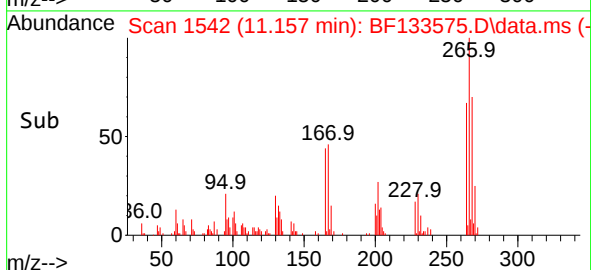
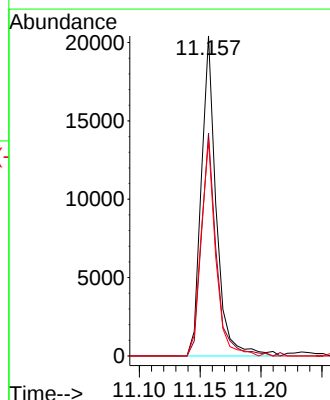
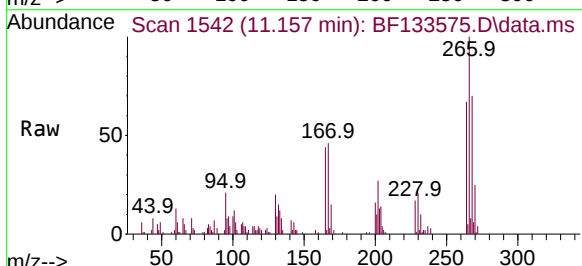
RT: 11.157 min Scan# 1542

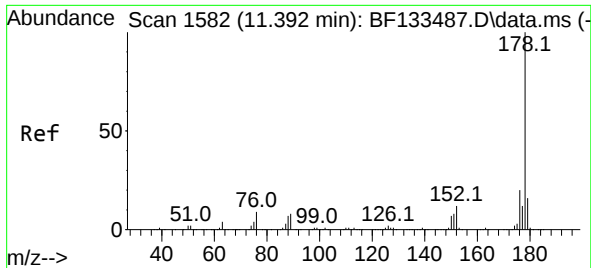
Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:266	Resp:	17500
Ion Ratio	Lower	Upper
266	100	
268	69.6	54.6 82.0
264	67.5	49.2 73.8





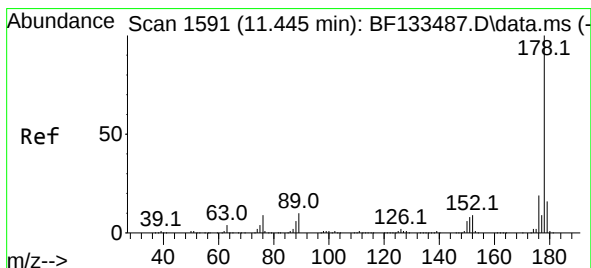
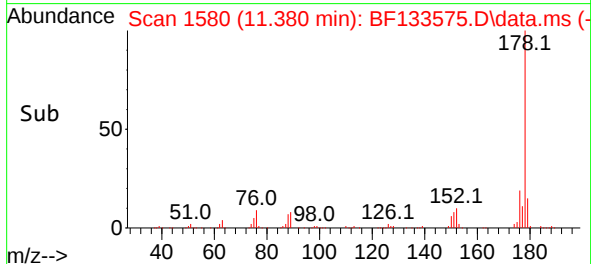
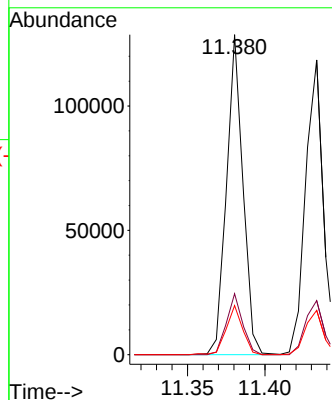
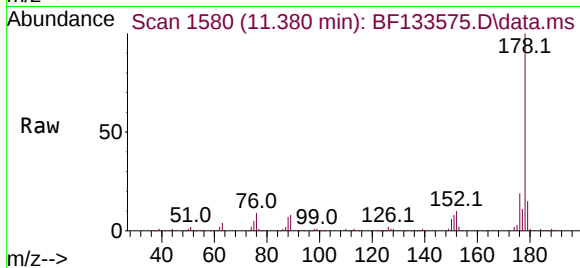
#71
Phenanthrene
Concen: 3.518 ng
RT: 11.380 min Scan# 1580
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:178 Resp: 94808
Ion Ratio Lower Upper
178 100
176 19.0 15.6 23.4
179 15.4 12.4 18.6

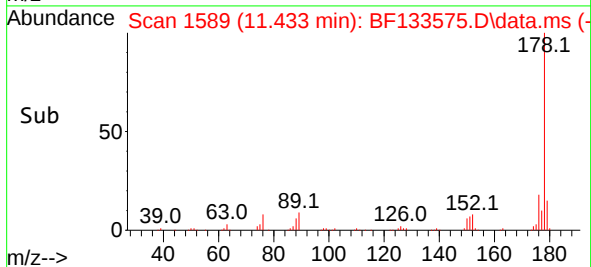
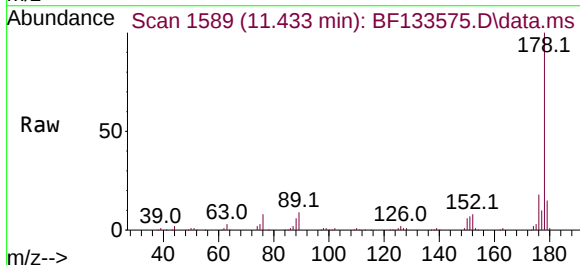
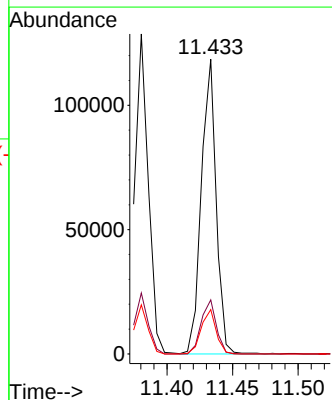
Manual Integrations
APPROVED

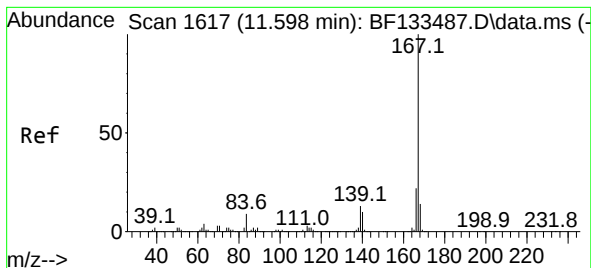
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#72
Anthracene
Concen: 3.379 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:178 Resp: 93734
Ion Ratio Lower Upper
178 100
176 18.3 15.3 22.9
179 15.1 12.6 18.8





#73

Carbazole

Concen: 3.343 ng

RT: 11.586 min Scan# 1615

Delta R.T. -0.006 min

Lab File: BF133575.D

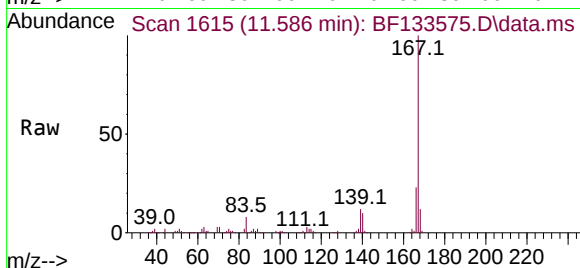
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS



Tgt Ion:167 Resp: 8769

Ion Ratio Lower Upper

167 100

166 22.6 17.3 25.9

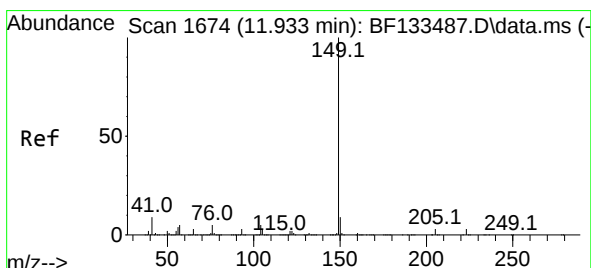
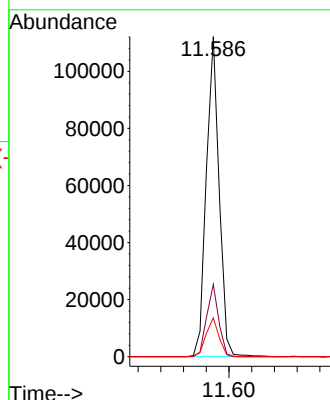
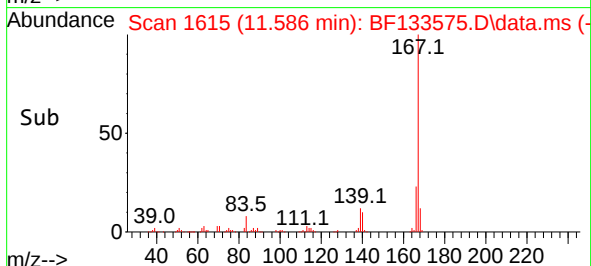
139 12.1 10.7 16.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#74

Di-n-butylphthalate

Concen: 3.564 ng

RT: 11.922 min Scan# 1672

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

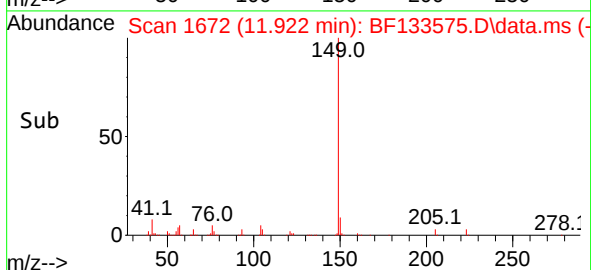
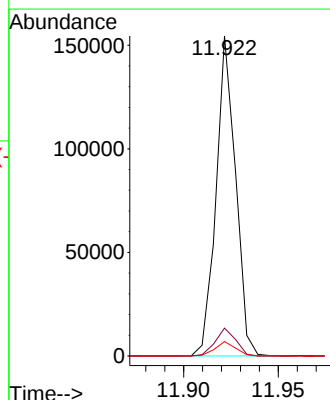
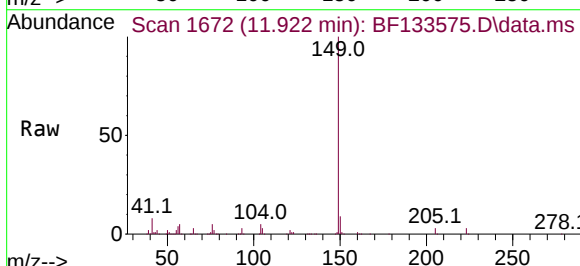
Tgt Ion:149 Resp: 110563

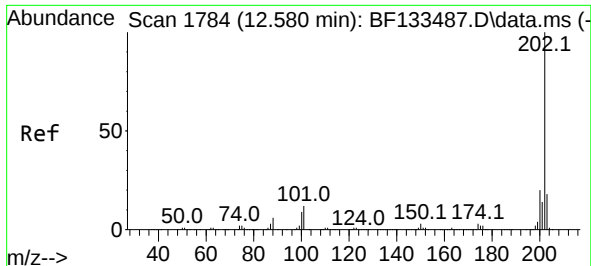
Ion Ratio Lower Upper

149 100

150 8.7 7.4 11.2

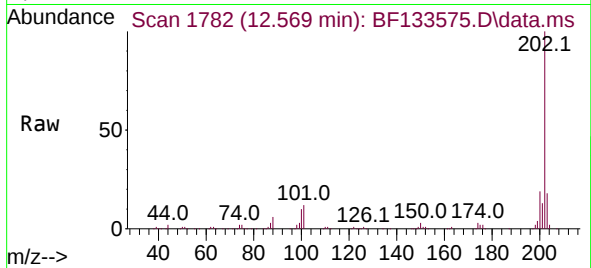
104 4.5 3.9 5.9





#75
Fluoranthene
Concen: 3.269 ng
RT: 12.569 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

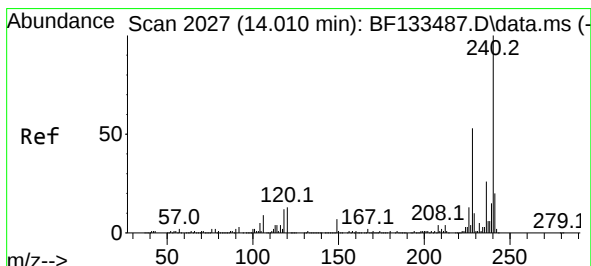
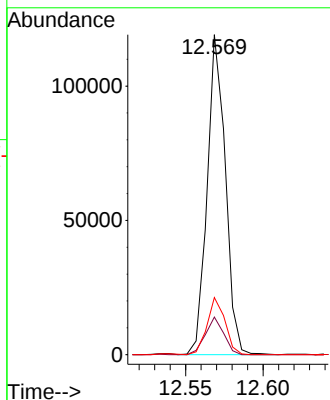
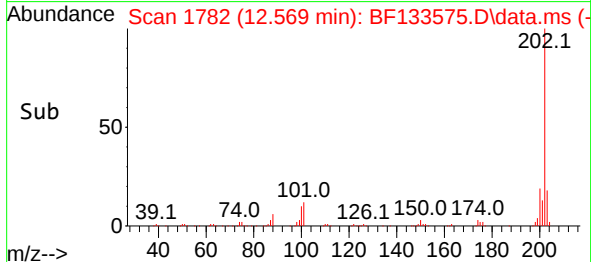
Instrument :
BNA_F
ClientSampleId :
PB153176BS



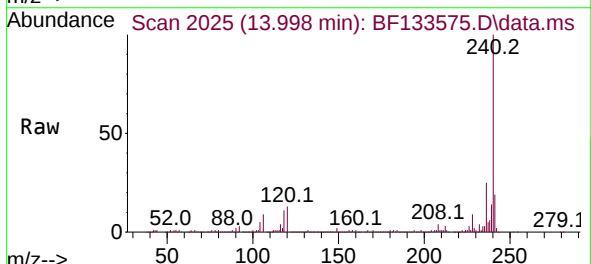
Tgt Ion:202 Resp: 97314
Ion Ratio Lower Upper
202 100
101 11.7 0.0 32.2
203 17.9 0.0 37.8

Manual Integrations
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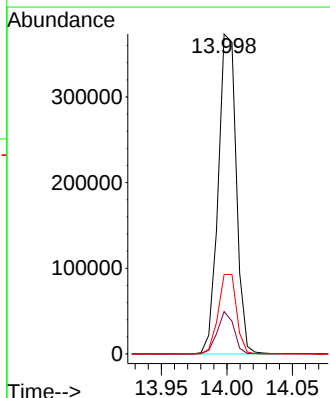
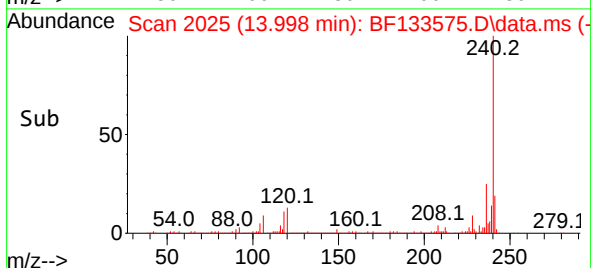
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

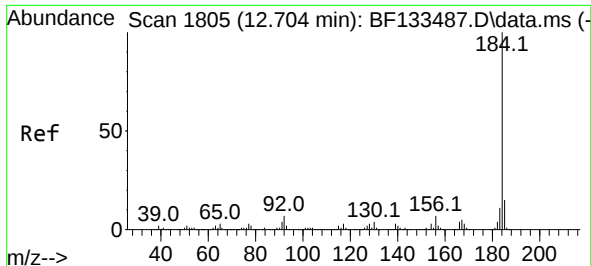


#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.998 min Scan# 2025
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:240 Resp: 357057
Ion Ratio Lower Upper
240 100
120 13.3 10.3 15.5
236 24.9 20.5 30.7





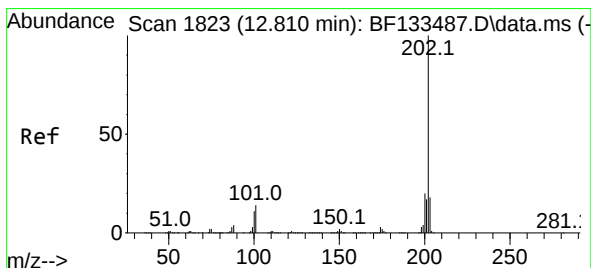
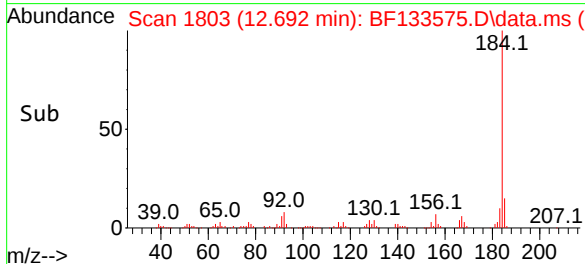
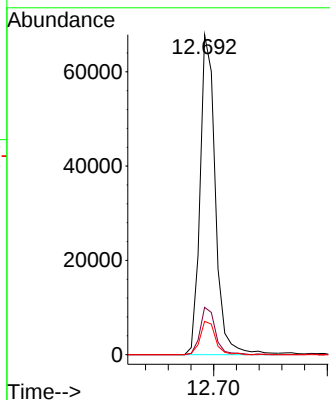
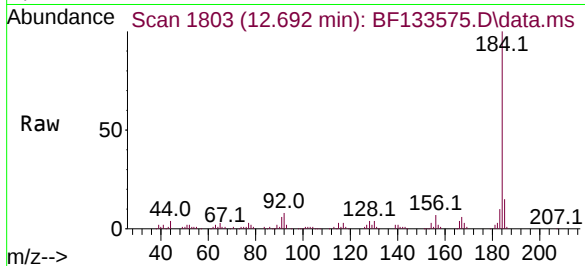
#77
Benzidine
Concen: 6.090 ng
RT: 12.692 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :
BNA_F
ClientSampleId :
PB153176BS

Tgt Ion:184 Resp: 6359
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.2
183 10.4 8.7 13.1

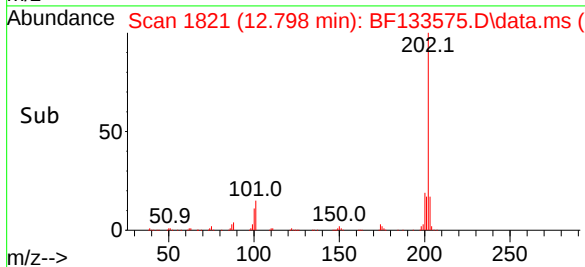
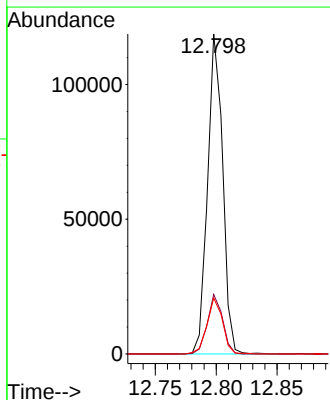
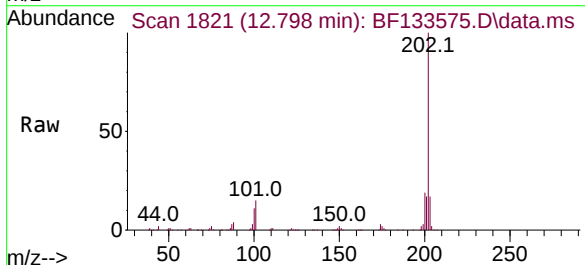
Manual Integrations
APPROVED

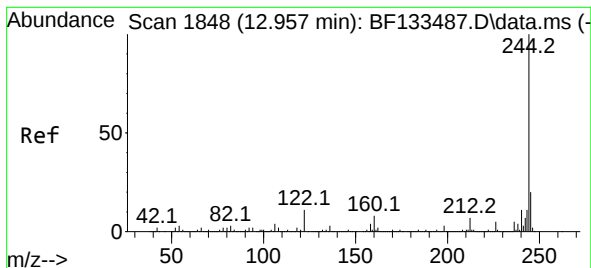
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#78
Pyrene
Concen: 3.358 ng
RT: 12.798 min Scan# 1821
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:202 Resp: 102043
Ion Ratio Lower Upper
202 100
200 18.6 16.3 24.5
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 7.476 ng

RT: 12.945 min Scan# 1846

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

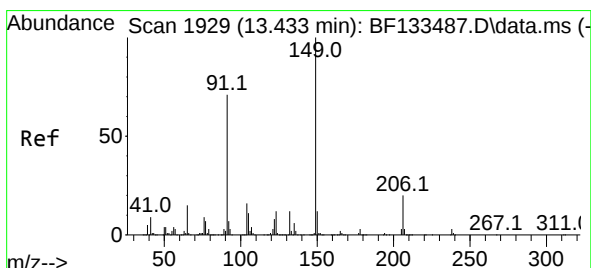
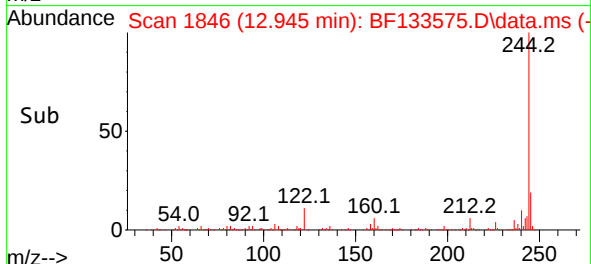
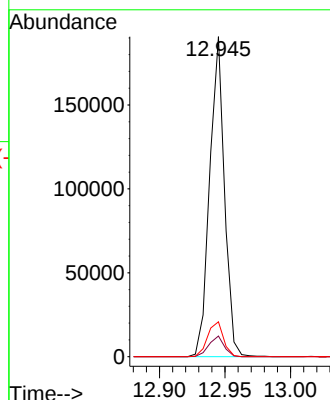
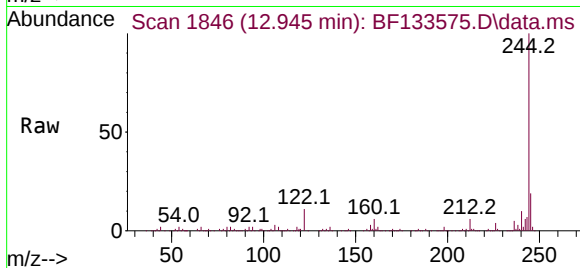
Tgt Ion:244	Resp: 150120
Ion Ratio	Lower Upper
244 100	
212 6.5	5.8 8.6
122 10.9	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#80

Butylbenzylphthalate

Concen: 3.519 ng

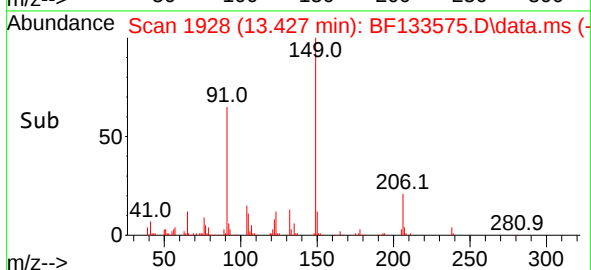
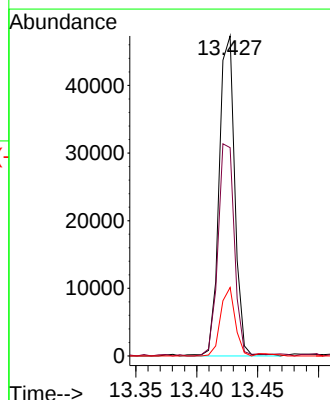
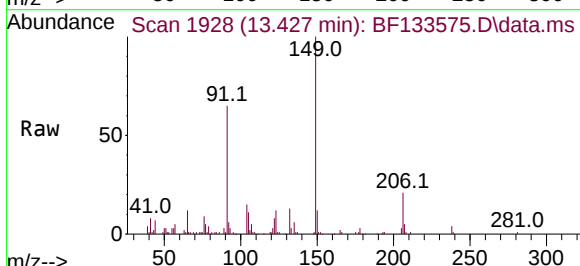
RT: 13.427 min Scan# 1928

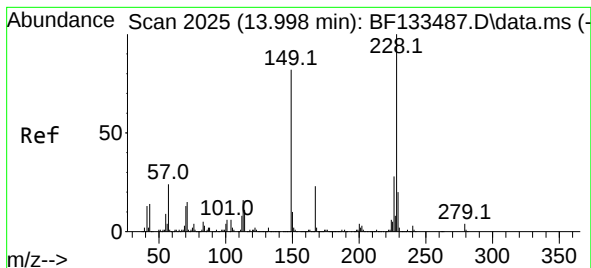
Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:149	Resp: 42305
Ion Ratio	Lower Upper
149 100	
91 65.1	56.9 85.3
206 21.4	15.7 23.5





#81

Benzo(a)anthracene

Concen: 3.403 ng

RT: 13.992 min Scan# 2018

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

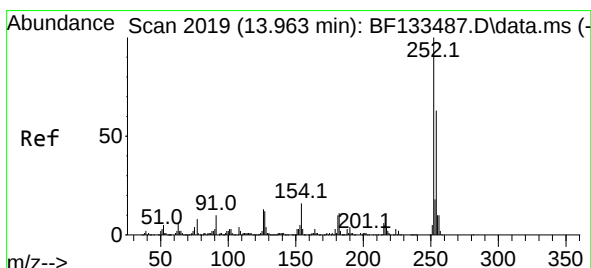
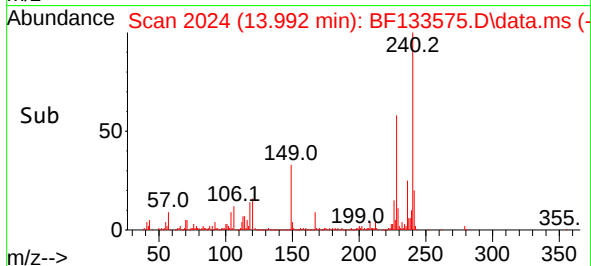
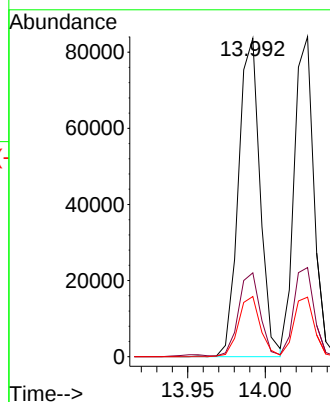
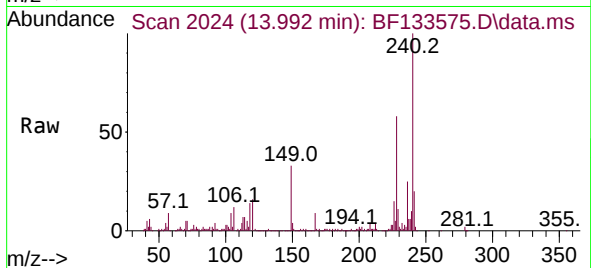
Tgt Ion:228 Resp: 80940
 Ion Ratio Lower Upper
 228 100
 226 26.4 22.3 33.5
 229 18.9 16.1 24.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#82

3,3'-Dichlorobenzidine

Concen: 3.303 ng

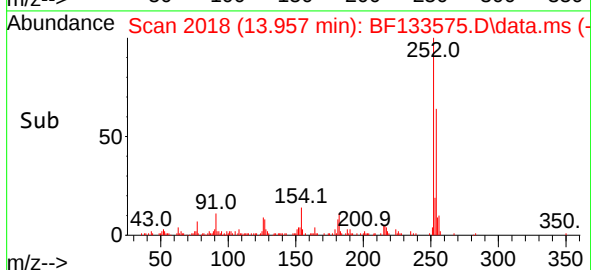
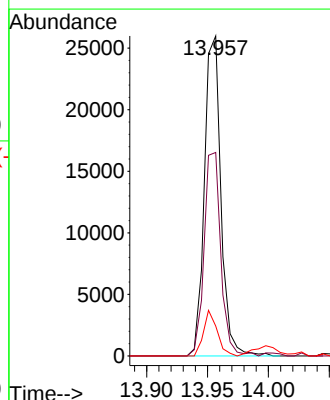
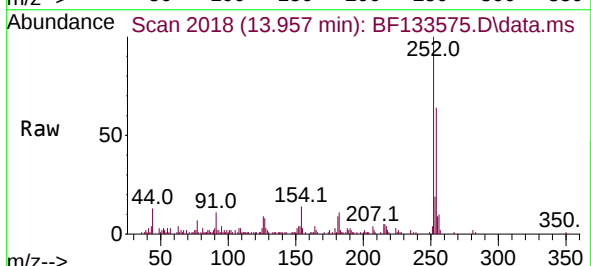
RT: 13.957 min Scan# 2018

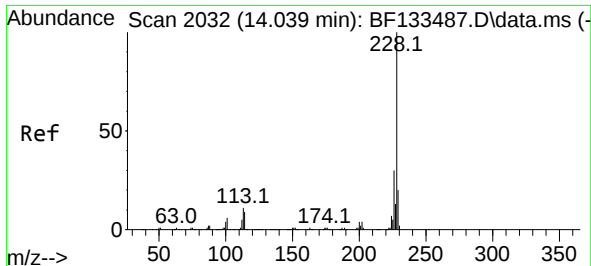
Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

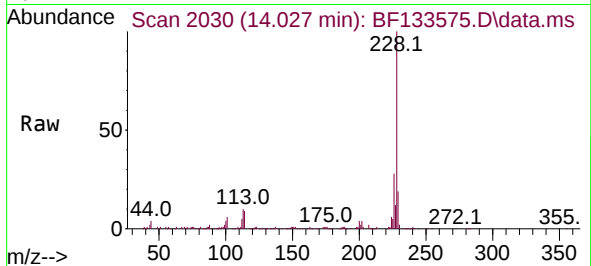
Tgt Ion:252 Resp: 24557
 Ion Ratio Lower Upper
 252 100
 254 63.6 50.3 75.5
 126 9.4 10.5 15.7#





#83
Chrysene
Concen: 3.078 ng
RT: 14.027 min Scan# 2032
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

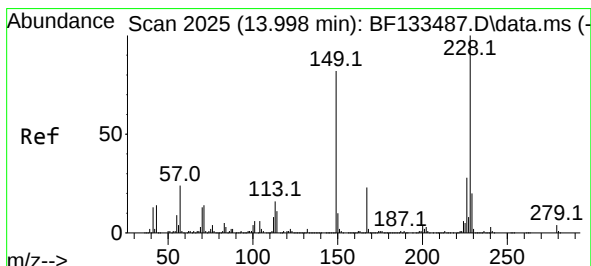
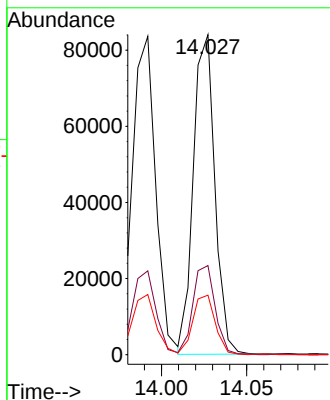
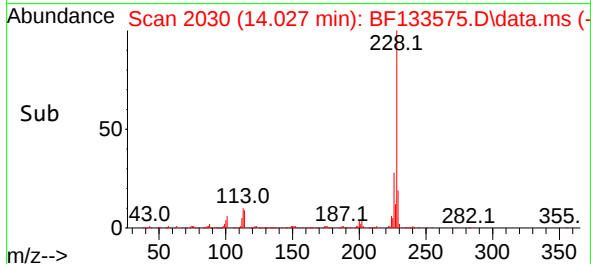
Instrument :
BNA_F
ClientSampleId :
PB153176BS



Tgt Ion:228 Resp: 7390
Ion Ratio Lower Upper
228 100
226 27.9 24.1 36.1
229 18.6 15.8 23.8

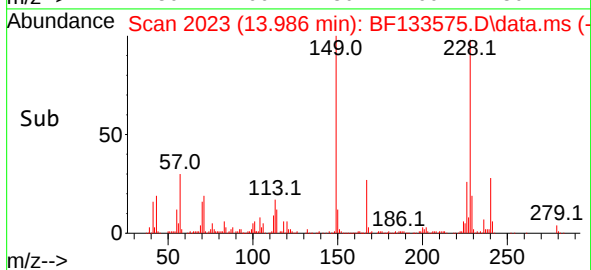
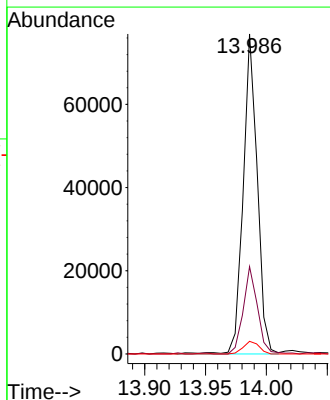
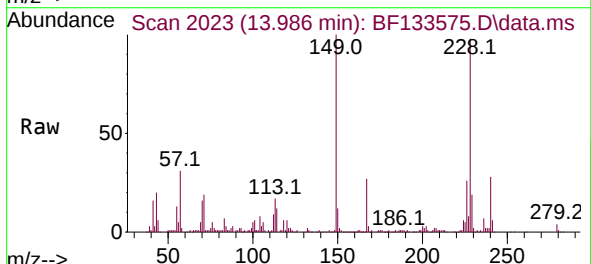
Manual Integrations
APPROVED

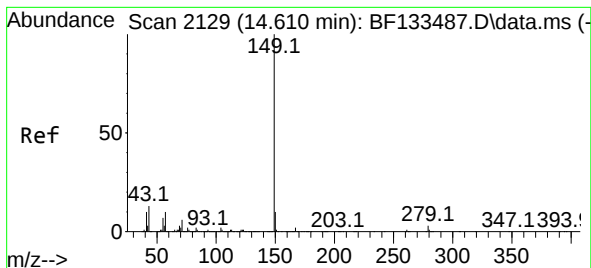
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 4.123 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

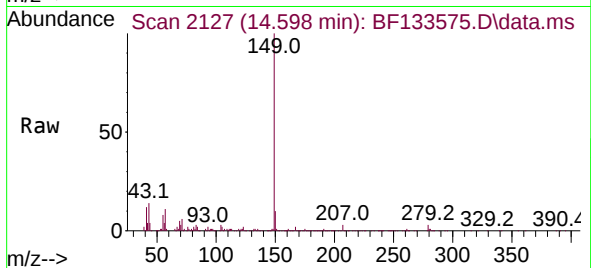
Tgt Ion:149 Resp: 61948
Ion Ratio Lower Upper
149 100
167 27.3 22.0 33.0
279 4.0 3.6 5.4





#85
Di-n-octyl phthalate
Concen: 3.886 ng
RT: 14.598 min Scan# 2127
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

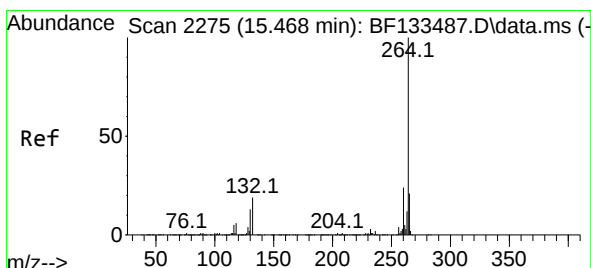
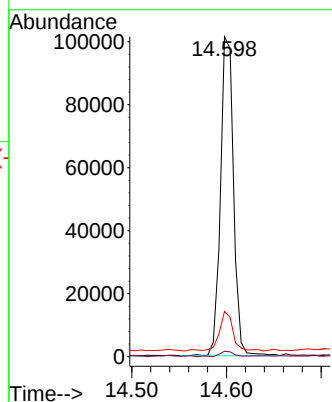
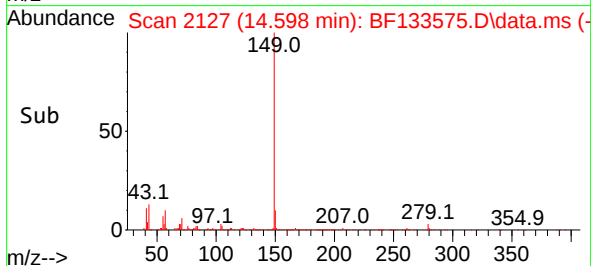
Instrument :
BNA_F
ClientSampleId :
PB153176BS



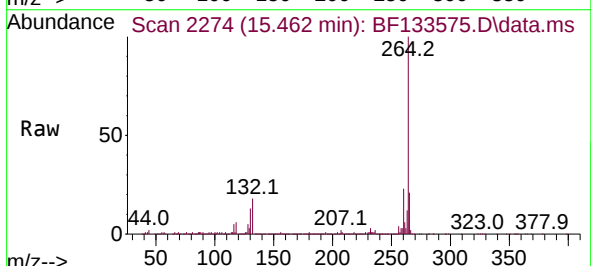
Tgt Ion:149 Resp: 9728
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.3 10.0 15.0

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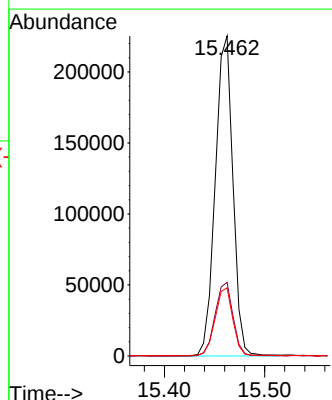
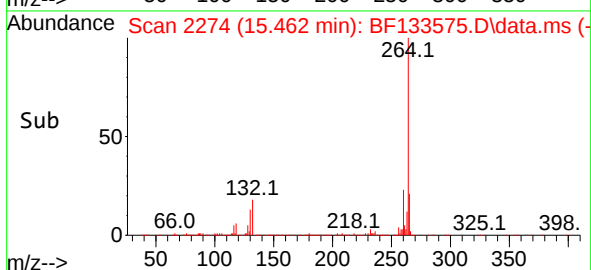
Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023

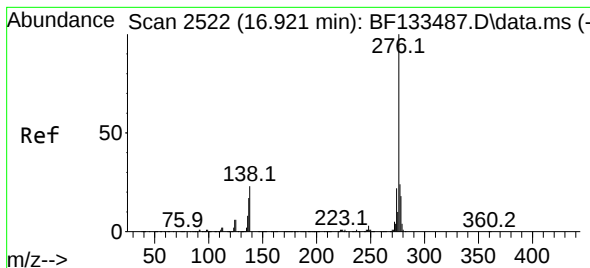


#86
Perylene-d12
Concen: 20.000 ng
RT: 15.462 min Scan# 2274
Delta R.T. 0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12



Tgt Ion:264 Resp: 275488
Ion Ratio Lower Upper
264 100
260 23.0 19.0 28.4
265 21.3 16.8 25.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 3.190 ng

RT: 16.904 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

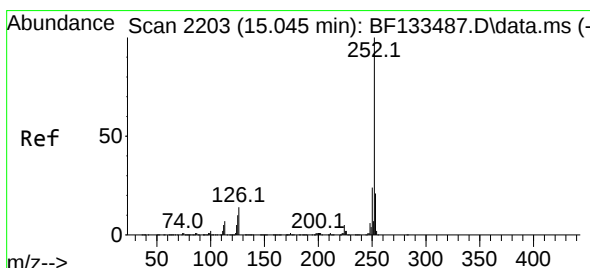
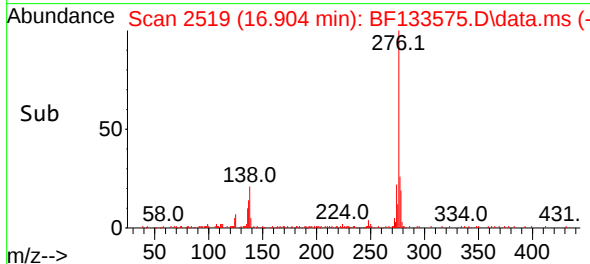
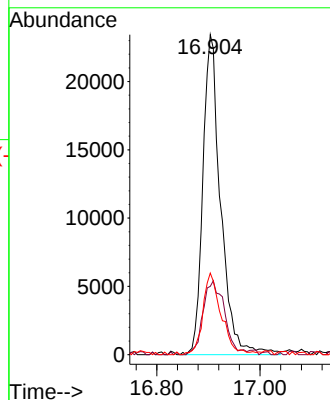
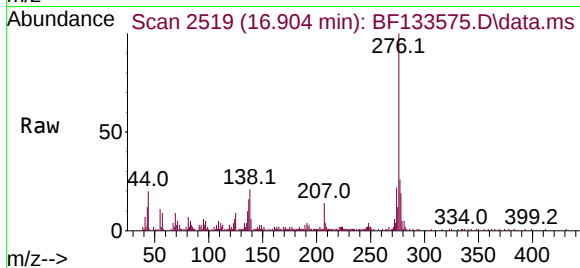
Tgt Ion:	276	Resp:	55970
Ion Ratio	Lower	Upper	
276	100		
138	27.8	21.4	32.2
277	26.2	20.0	30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#88

Benzo(b)fluoranthene

Concen: 3.304 ng

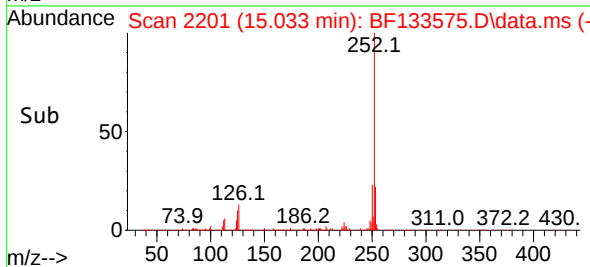
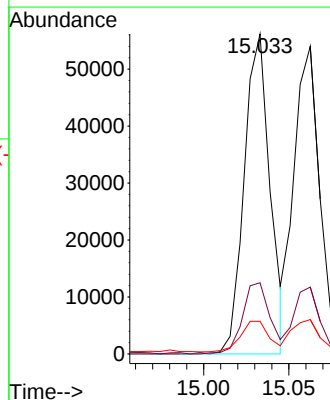
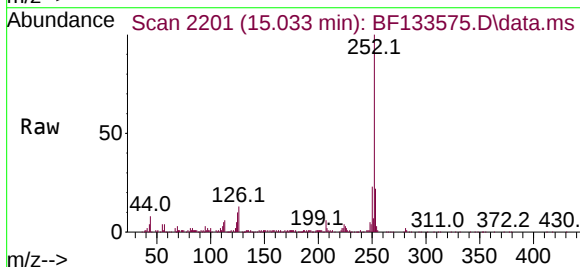
RT: 15.033 min Scan# 2201

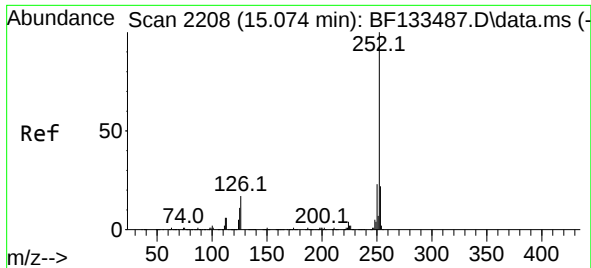
Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:	252	Resp:	59269
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.2	25.8
125	10.2	8.1	12.1





#89

Benzo(k)fluoranthene

Concen: 3.274 ng

RT: 15.063 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

ClientSampleId :

PB153176BS

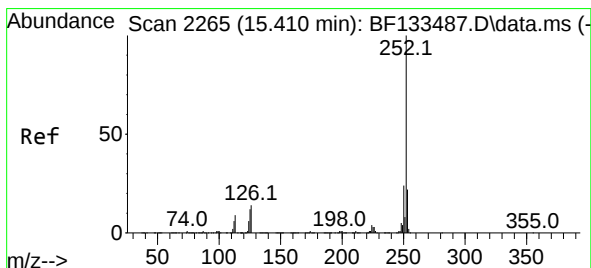
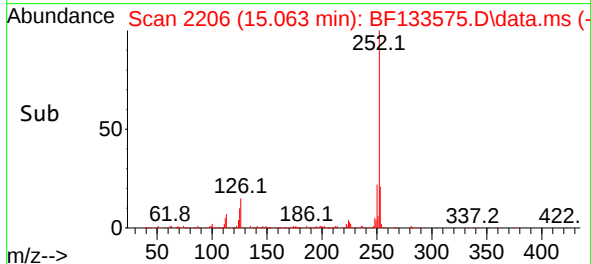
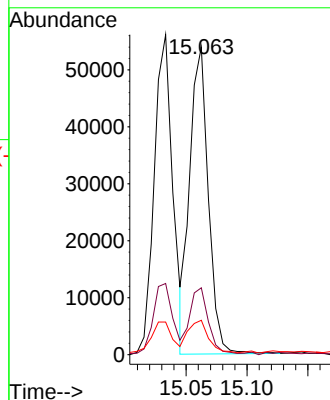
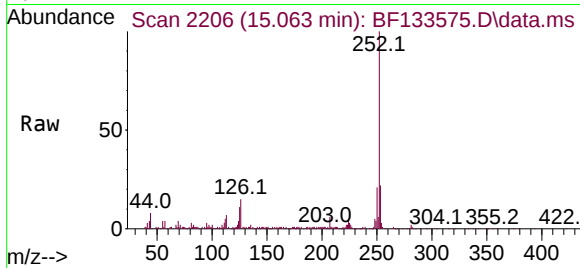
Tgt Ion:	252	Resp:	5726
Ion Ratio	Lower	Upper	
252	100		
253	21.7	17.4	26.2
125	11.2	8.3	12.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/06/2023

Supervised By :mohammad ahmed 06/08/2023



#90

Benzo(a)pyrene

Concen: 2.886 ng

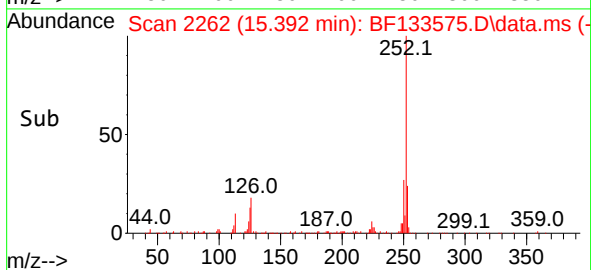
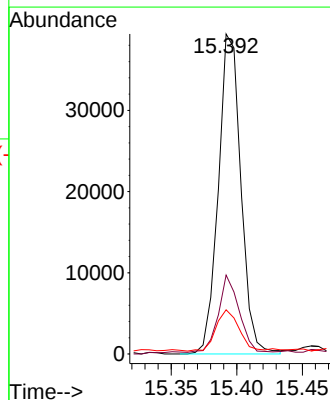
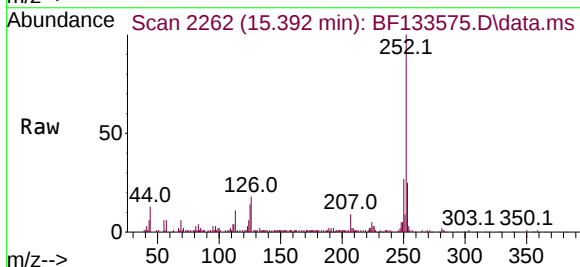
RT: 15.392 min Scan# 2262

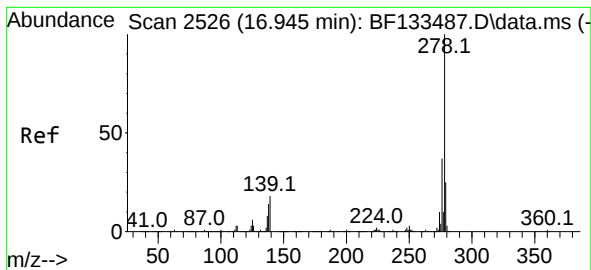
Delta R.T. -0.006 min

Lab File: BF133575.D

Acq: 05 Jun 2023 20:12

Tgt Ion:	252	Resp:	47102
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.4	26.0
125	13.8	9.4	14.0





#91
Dibenzo(a,h)anthracene
Concen: 3.221 ng
RT: 16.927 min Scan# 2526
Delta R.T. 0.000 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Instrument :

BNA_F

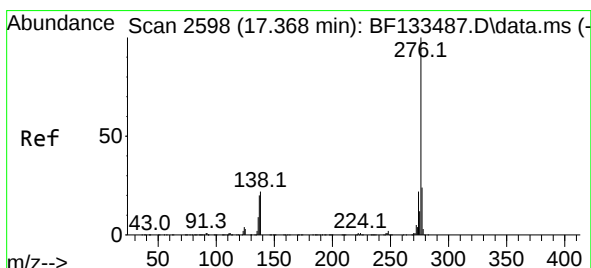
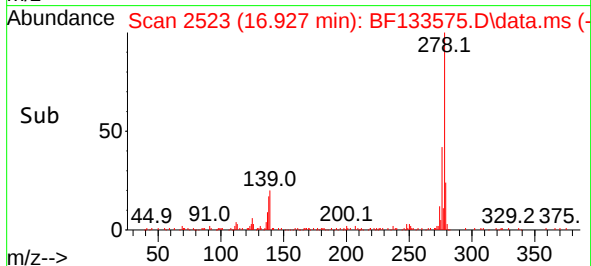
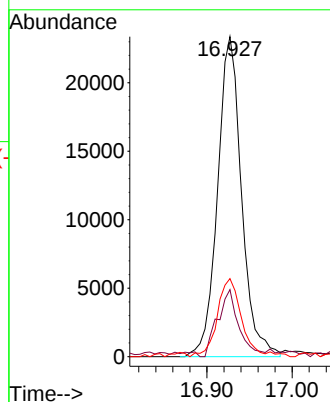
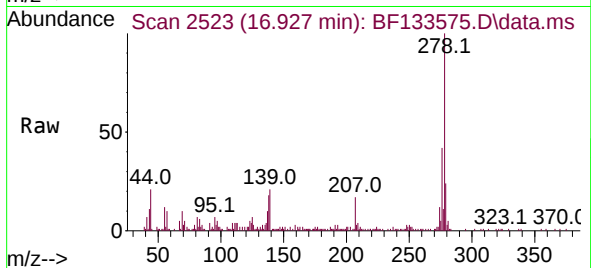
ClientSampleId :

PB153176BS

Tgt Ion:278 Resp: 4582
Ion Ratio Lower Upper
278 100
139 21.0 14.1 21.1
279 24.4 19.7 29.5

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/06/2023
Supervised By :mohammad ahmed 06/08/2023



#92
Benzo(g,h,i)perylene
Concen: 3.008 ng
RT: 17.339 min Scan# 2593
Delta R.T. -0.006 min
Lab File: BF133575.D
Acq: 05 Jun 2023 20:12

Tgt Ion:276 Resp: 43158
Ion Ratio Lower Upper
276 100
277 26.2 18.8 28.2
138 23.9 17.8 26.6

