

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061923\
 Data File : BF133828.D
 Acq On : 19 Jun 2023 11:57
 Operator : CG\JU
 Sample : PB153132BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB153132BS

Quant Time: Jun 20 01:29:58 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 19 16:00:59 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	109702	20.000	ng	0.00
21) Naphthalene-d8	8.139	136	427084	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	224070	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	445826	20.000	ng	0.00
76) Chrysene-d12	14.051	240	204224	20.000	ng	0.00
86) Perylene-d12	15.557	264	201518	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	752207	119.370	ng	0.01
7) Phenol-d6	6.504	99	910908	111.054	ng	0.00
23) Nitrobenzene-d5	7.428	82	627900	80.077	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	314104	110.743	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1173155	74.426	ng	0.00
79) Terphenyl-d14	12.992	244	1308913	99.172	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.740	88	94860	34.241	ng	97
3) Pyridine	3.510	79	237733	29.441	ng	96
4) n-Nitrosodimethylamine	3.469	42	186186	41.713	ng	95
6) Aniline	6.528	93	294809	28.536	ng	99
8) 2-Chlorophenol	6.645	128	304369	45.834	ng	97
9) Benzaldehyde	6.410	77	85771	15.761	ng	95
10) Phenol	6.516	94	356621	41.638	ng	88
11) bis(2-Chloroethyl)ether	6.598	93	271565	42.709	ng	97
12) 1,3-Dichlorobenzene	6.798	146	318300	44.861	ng	97
13) 1,4-Dichlorobenzene	6.881	146	319333	44.529	ng	97
14) 1,2-Dichlorobenzene	7.028	146	303267	46.801	ng	100
15) Benzyl Alcohol	7.004	79	281766	43.982	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.134	45	496607	46.073	ng	100
17) 2-Methylphenol	7.116	107	250069	42.485	ng	99
18) Hexachloroethane	7.369	117	122159	49.758	ng	97
19) n-Nitroso-di-n-propyla...	7.275	70	220689	42.288	ng	94
20) 3+4-Methylphenols	7.269	107	303283	39.609	ng	# 87
22) Acetophenone	7.269	105	424769	43.364	ng	# 90
24) Nitrobenzene	7.445	77	331213	41.949	ng	98
25) Isophorone	7.681	82	601405	41.777	ng	99
26) 2-Nitrophenol	7.757	139	162226	45.782	ng	95
27) 2,4-Dimethylphenol	7.798	122	267850	43.856	ng	98
28) bis(2-Chloroethoxy)met...	7.892	93	347359	41.749	ng	100
29) 2,4-Dichlorophenol	7.998	162	256824	42.905	ng	98
30) 1,2,4-Trichlorobenzene	8.081	180	266250	42.633	ng	98
31) Naphthalene	8.163	128	855367	41.109	ng	100
32) Benzoic acid	7.928	122	205429	53.332	ng	94
33) 4-Chloroaniline	8.210	127	103338	11.615	ng	99
34) Hexachlorobutadiene	8.275	225	168525	41.215	ng	98
35) Caprolactam	8.592	113	87163m	43.274	ng	
36) 4-Chloro-3-methylphenol	8.698	107	296141	42.921	ng	99
37) 2-Methylnaphthalene	8.857	142	581736	40.238	ng	99
38) 1-Methylnaphthalene	8.957	142	537531	40.405	ng	100
40) 1,2,4,5-Tetrachloroben...	9.022	216	275718	40.476	ng	98
41) Hexachlorocyclopentadiene	9.004	237	352249	116.039	ng	95
43) 2,4,6-Trichlorophenol	9.133	196	186863	41.051	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	204254	38.570	ng	96
46) 1,1'-Biphenyl	9.322	154	748263	41.406	ng	100
47) 2-Chloronaphthalene	9.345	162	545726	42.099	ng	100
48) 2-Nitroaniline	9.445	65	193490	40.813	ng	97
49) Acenaphthylene	9.763	152	899325	39.860	ng	99
50) Dimethylphthalate	9.627	163	668375	39.962	ng	100
51) 2,6-Dinitrotoluene	9.686	165	146382	42.403	ng	# 75
52) Acenaphthene	9.933	154	536440	40.620	ng	98
53) 3-Nitroaniline	9.857	138	93332	22.216	ng	90
54) 2,4-Dinitrophenol	9.969	184	173677	101.313	ng	90
55) Dibenzofuran	10.110	168	815054	40.446	ng	97
56) 4-Nitrophenol	10.027	139	244165	86.117	ng	# 80
57) 2,4-Dinitrotoluene	10.098	165	196893	44.845	ng	97
58) Fluorene	10.451	166	639099	41.471	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.227	232	177758	44.834	ng	97
60) Diethylphthalate	10.327	149	713228	41.900	ng	99
61) 4-Chlorophenyl-phenyle...	10.445	204	311210	40.907	ng	99
62) 4-Nitroaniline	10.480	138	160929	39.069	ng	94
63) Azobenzene	10.604	77	671857	41.693	ng	97
65) 4,6-Dinitro-2-methylph...	10.504	198	112332	52.729	ng	# 73
66) n-Nitrosodiphenylamine	10.569	169	580704	38.777	ng	98
67) 4-Bromophenyl-phenylether	10.933	248	196975	39.585	ng	96
68) Hexachlorobenzene	10.998	284	216631	41.400	ng	96
69) Atrazine	11.098	200	188082	43.286	ng	96
70) Pentachlorophenol	11.198	266	240141	76.640	ng	98
71) Phenanthrene	11.422	178	923652	40.835	ng	100
72) Anthracene	11.474	178	942854	39.978	ng	100
73) Carbazole	11.627	167	869227	39.572	ng	99
74) Di-n-butylphthalate	11.957	149	1114531	39.578	ng	99
75) Fluoranthene	12.616	202	961078	40.012	ng	99
77) Benzidine	12.733	184	195713	28.559	ng	100
78) Pyrene	12.845	202	949460	49.908	ng	99
80) Butylbenzylphthalate	13.468	149	364146	45.340	ng	100
81) Benzo(a)anthracene	14.039	228	595323	42.143	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	134396	28.617	ng	98
83) Chrysene	14.080	228	556650	41.663	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	402335	40.685	ng	99
85) Di-n-octyl phthalate	14.651	149	565548	40.245	ng	98
87) Indeno(1,2,3-cd)pyrene	17.109	276	701030	50.565	ng	99
88) Benzo(b)fluoranthene	15.110	252	518454	42.353	ng	98
89) Benzo(k)fluoranthene	15.139	252	465608	39.046	ng	99
90) Benzo(a)pyrene	15.492	252	460802	40.560	ng	97
91) Dibenzo(a,h)anthracene	17.139	278	573182	49.938	ng	99
92) Benzo(g,h,i)perylene	17.586	276	568861	49.988	ng	98

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

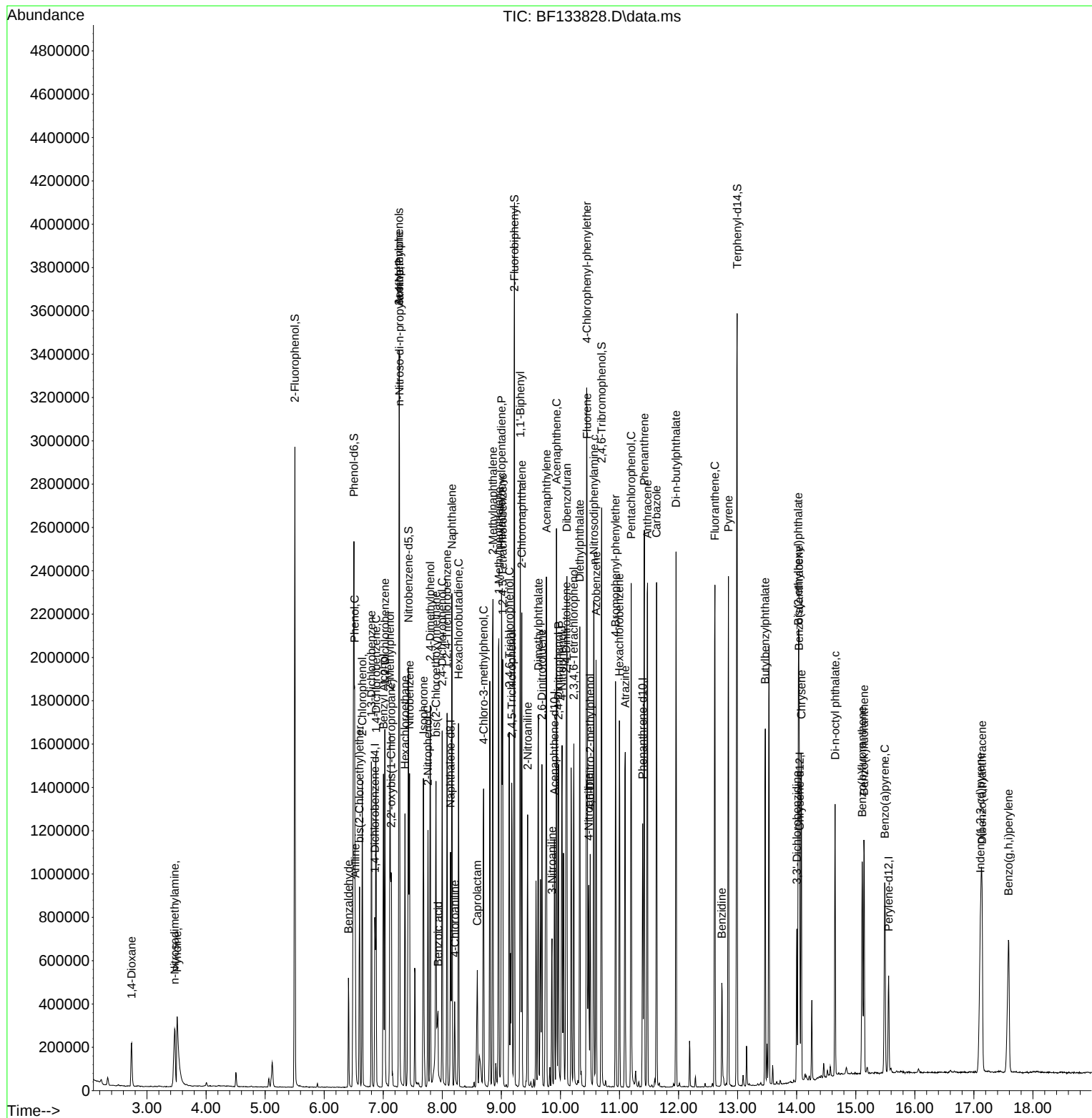
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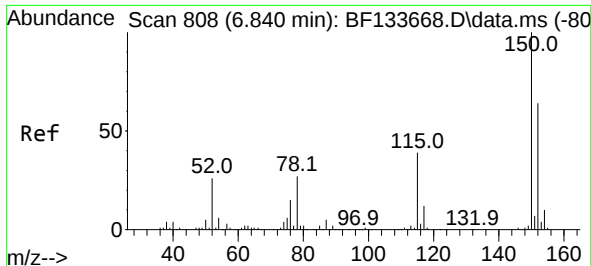
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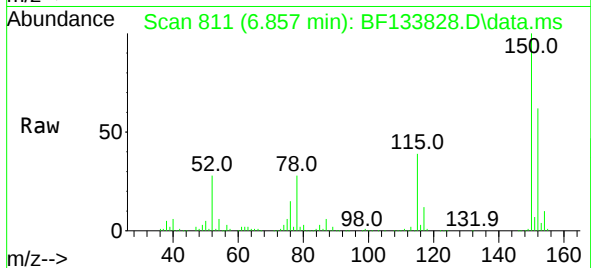
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.857 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

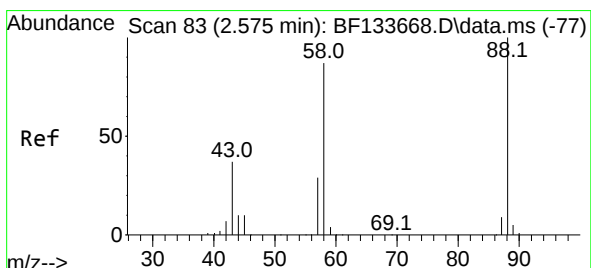
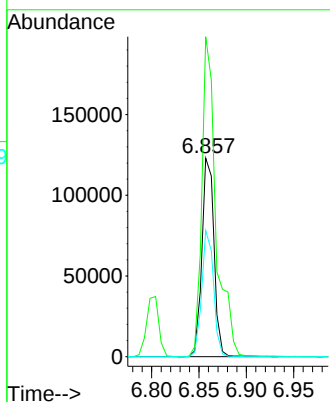
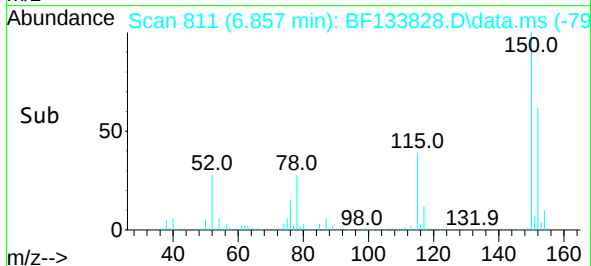
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BNA_F
ClientSampleId :
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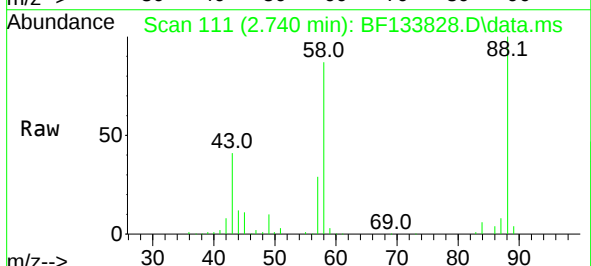
Tgt Ion:152 Resp: 10970
Ion Ratio Lower Upper
152 100
150 161.2 124.3 186.5
115 63.5 48.5 72.7

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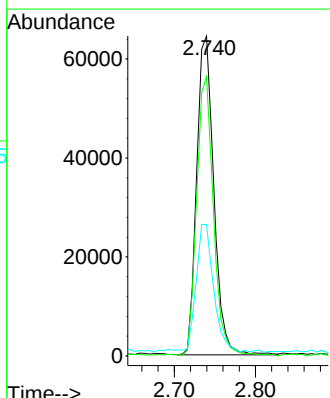
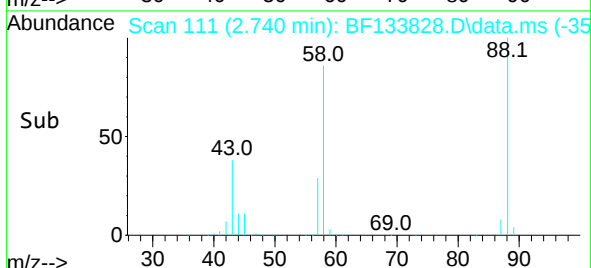
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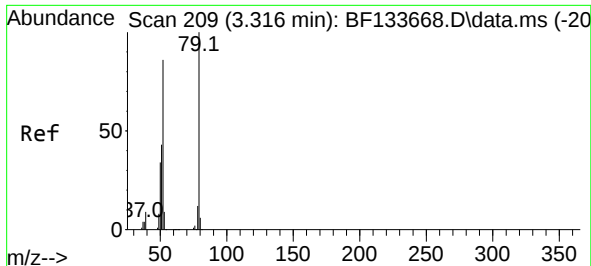


#2
1,4-Dioxane
Concen: 34.241 ng
RT: 2.740 min Scan# 111
Delta R.T. 0.100 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion: 88 Resp: 94860
Ion Ratio Lower Upper
88 100
58 86.5 67.8 101.6
43 40.0 29.8 44.6





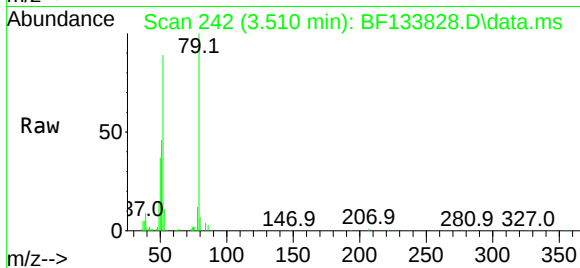
#3
Pyridine
Concen: 29.441 ng
RT: 3.510 min Scan# 24
Delta R.T. 0.082 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

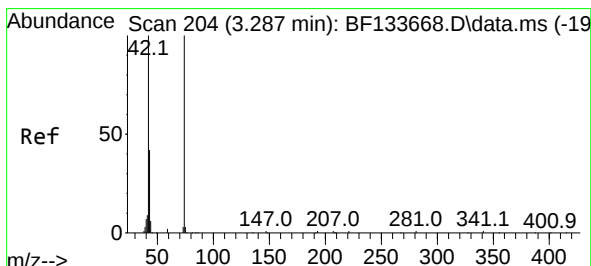
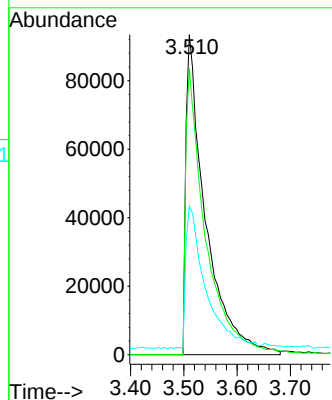
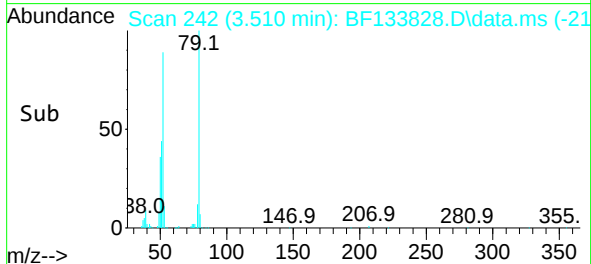
PB153132BS



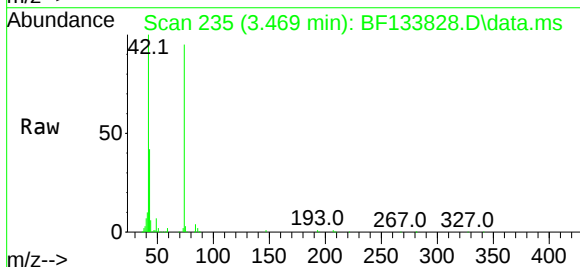
Tgt Ion: 79 Resp: 23773
Ion Ratio Lower Upper
79 100
52 89.3 68.6 102.8
51 46.4 34.8 52.2

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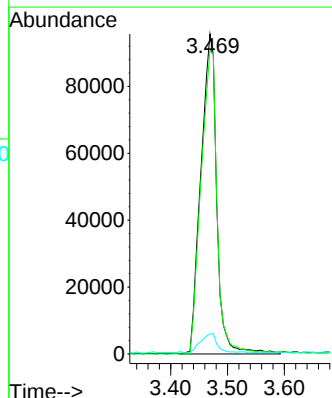
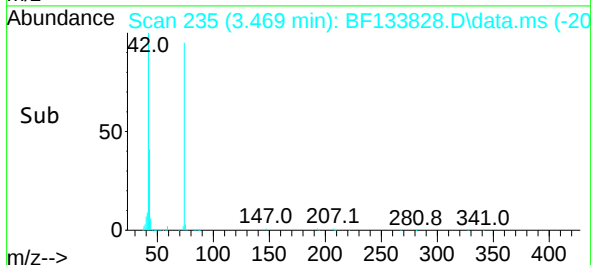
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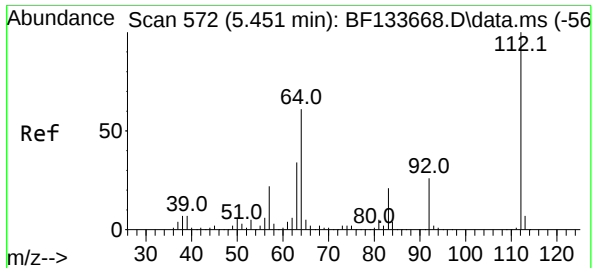


#4
n-Nitrosodimethylamine
Concen: 41.713 ng
RT: 3.469 min Scan# 235
Delta R.T. 0.082 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion: 42 Resp: 186186
Ion Ratio Lower Upper
42 100
74 94.9 79.8 119.8
44 6.3 4.7 7.1





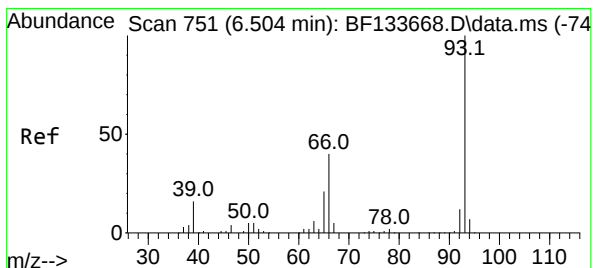
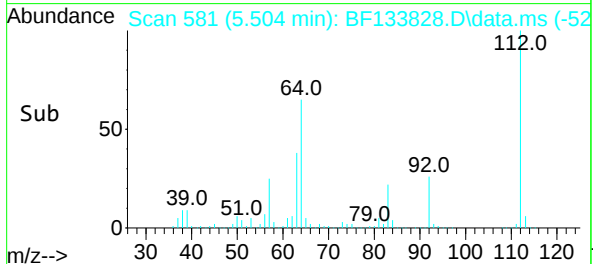
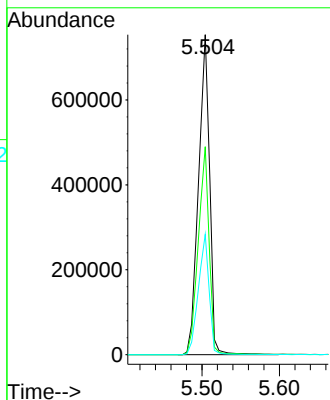
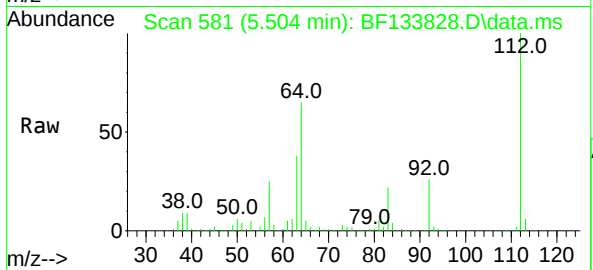
#5
2-Fluorophenol
Concen: 119.370 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF133828.D
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ClientSampleId :
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Tgt Ion:112 Resp: 75220
Ion Ratio Lower Upper
112 100
64 65.0 49.0 73.4
63 37.6 26.8 40.2

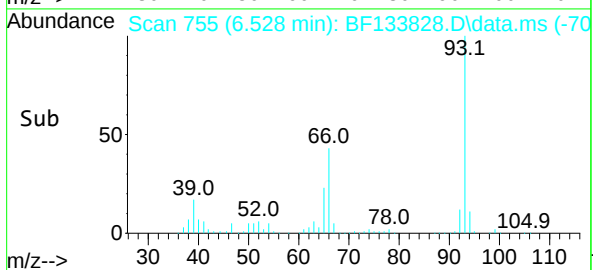
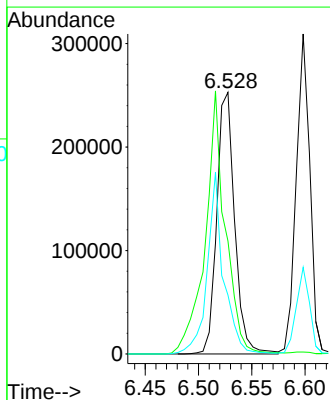
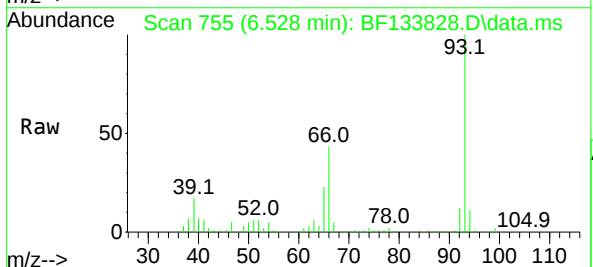
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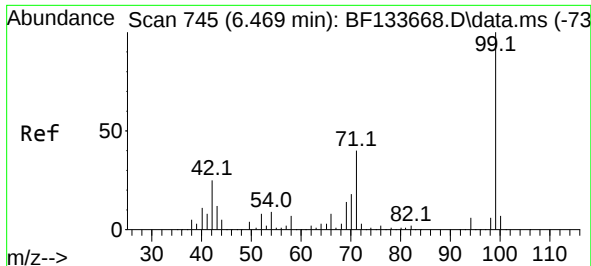
Reviewed By :Yogesh Patel 06/20/2023
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#6
Aniline
Concen: 28.536 ng
RT: 6.528 min Scan# 755
Delta R.T. -0.000 min
Lab File: BF133828.D
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Tgt Ion: 93 Resp: 294809
Ion Ratio Lower Upper
93 100
66 43.2 34.4 51.6
65 22.5 17.5 26.3





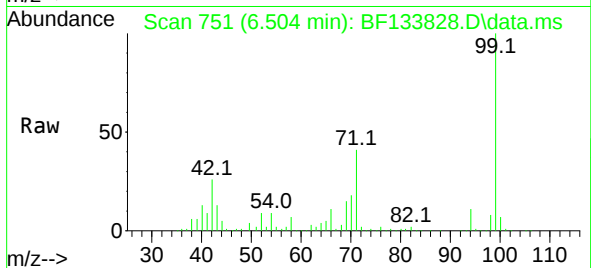
#7
Phenol-d6
Concen: 111.054 ng
RT: 6.504 min Scan# 710
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

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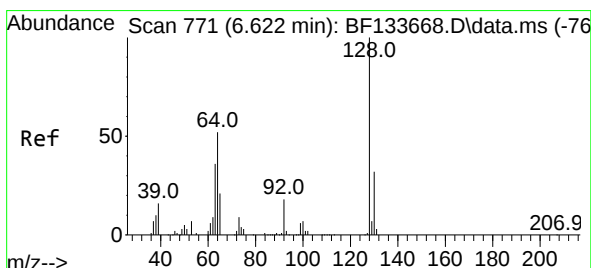
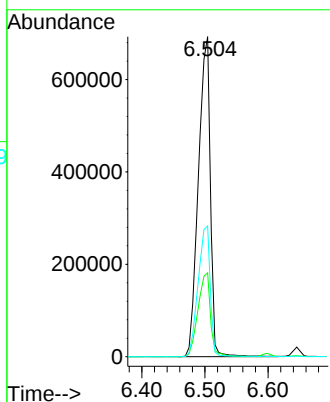
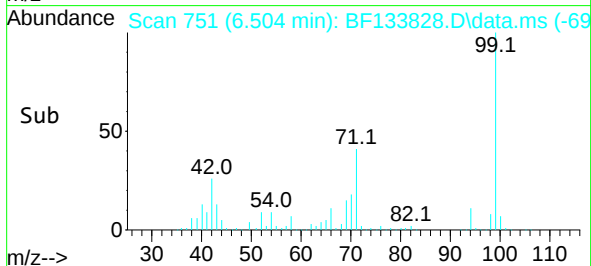


Tgt Ion: 99 Resp: 910908
Ion Ratio Lower Upper
99 100
42 26.2 19.9 29.9
71 40.9 32.2 48.4

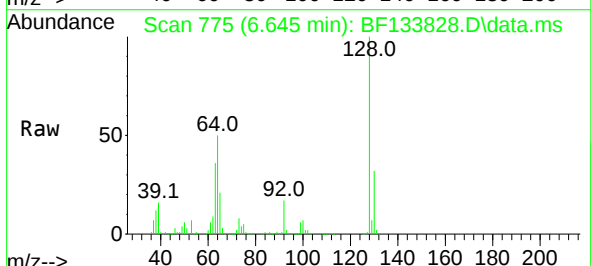
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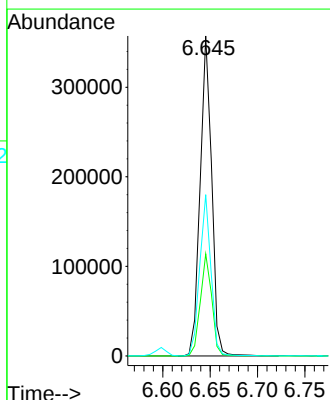
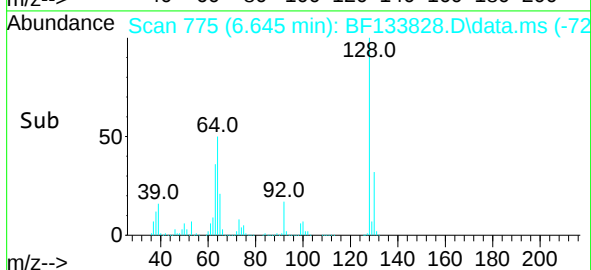
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#8
2-Chlorophenol
Concen: 45.834 ng
RT: 6.645 min Scan# 775
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:128 Resp: 304369
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 50.4 33.1 73.1





#9
Benzaldehyde
Concen: 15.761 ng
RT: 6.410 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF133828.D
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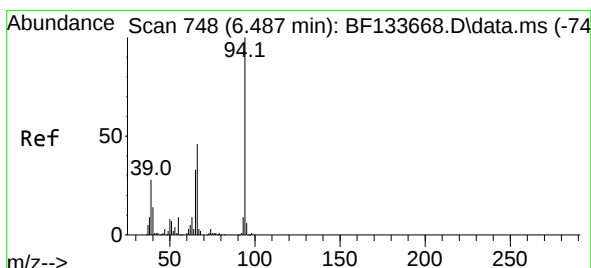
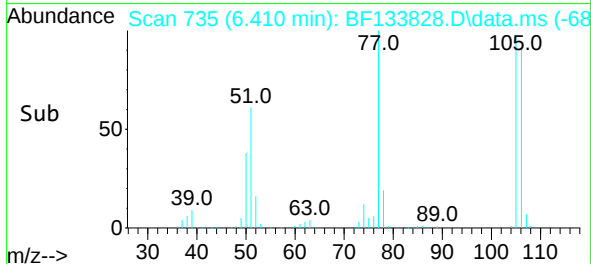
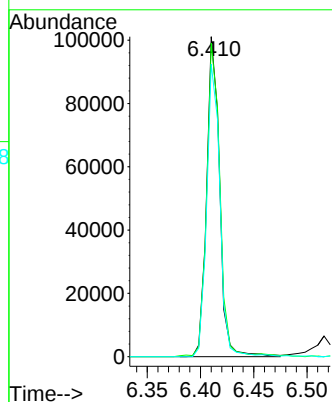
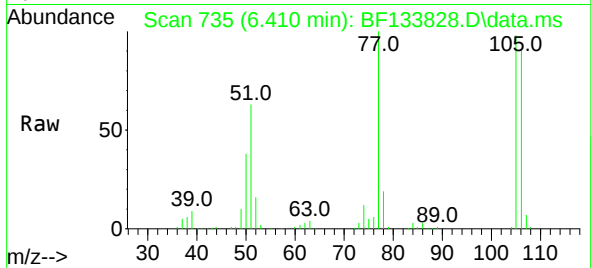
ClientSampleId :

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Tgt Ion: 77 Resp: 8577
Ion Ratio Lower Upper
77 100
105 98.0 82.0 122.0
106 91.4 77.6 117.6

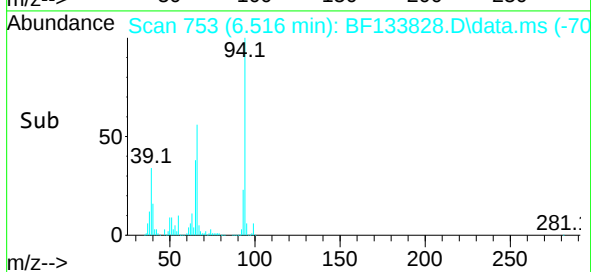
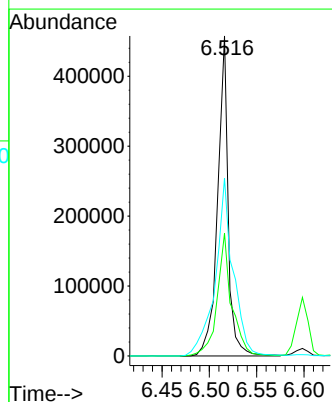
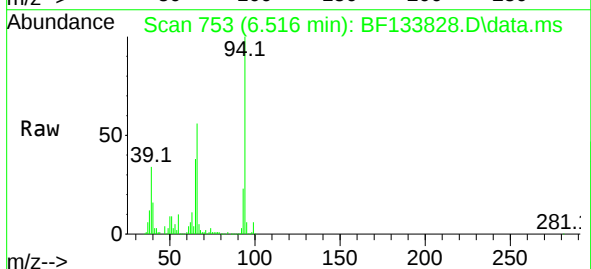
Manual Integrations
APPROVED

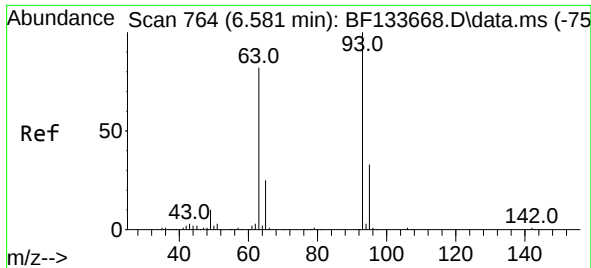
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#10
Phenol
Concen: 41.638 ng
RT: 6.516 min Scan# 753
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 94 Resp: 356621
Ion Ratio Lower Upper
94 100
65 38.3 13.2 53.2
66 55.5 26.1 66.1





#11
bis(2-Chloroethyl)ether
Concen: 42.709 ng
RT: 6.598 min Scan# 701
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

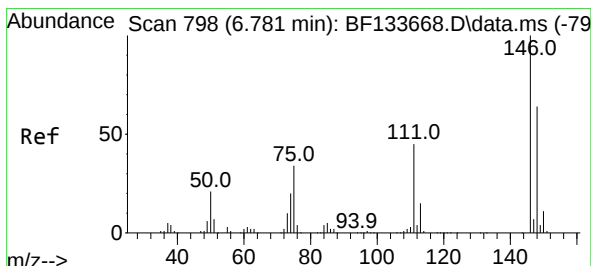
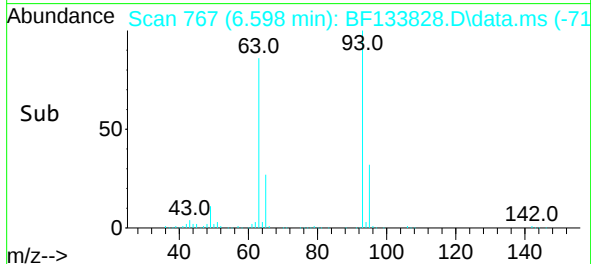
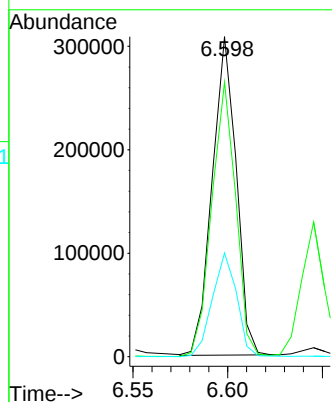
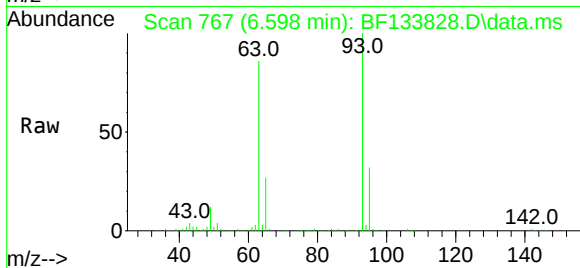
ClientSampleId :

PB153132BS

Tgt Ion: 93 Resp: 27156
Ion Ratio Lower Upper
93 100
63 85.8 62.1 102.1
95 32.4 13.0 53.0

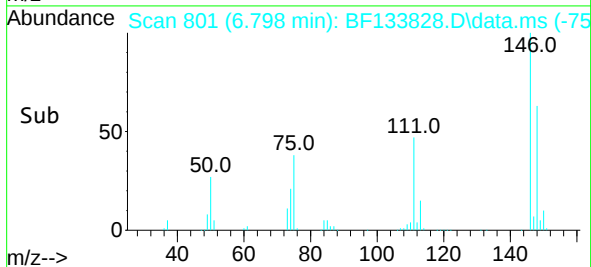
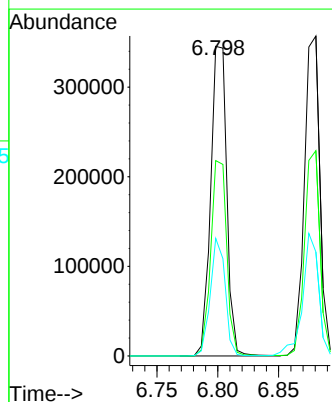
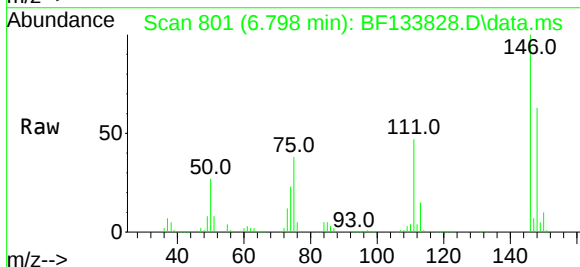
Manual Integrations
APPROVED

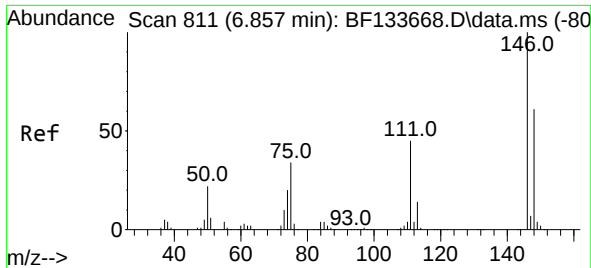
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#12
1,3-Dichlorobenzene
Concen: 44.861 ng
RT: 6.798 min Scan# 801
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:146 Resp: 318300
Ion Ratio Lower Upper
146 100
148 63.1 50.9 76.3
75 38.0 27.1 40.7





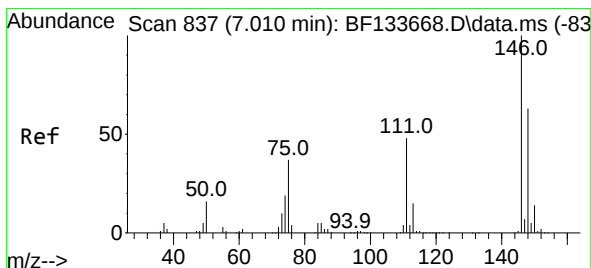
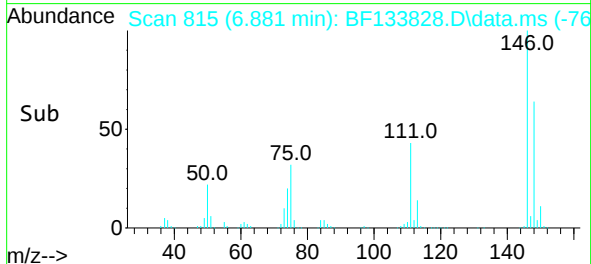
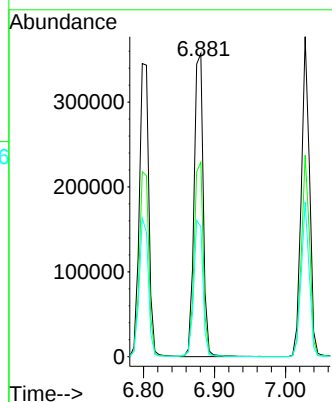
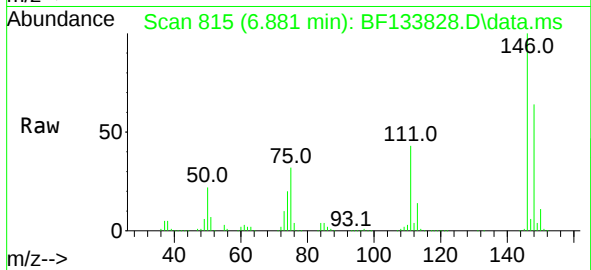
#13
1,4-Dichlorobenzene
Concen: 44.529 ng
RT: 6.881 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :
BNA_F
ClientSampleId :
PB153132BS

Tgt Ion:146 Resp: 31933
Ion Ratio Lower Upper
146 100
148 64.2 48.9 73.3
111 42.9 35.8 53.6

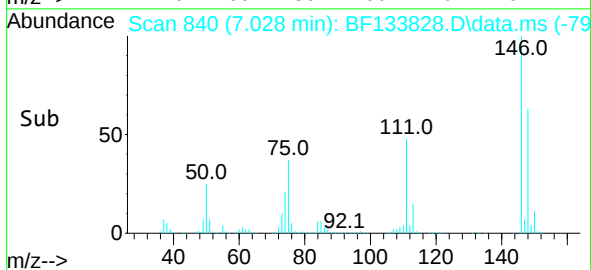
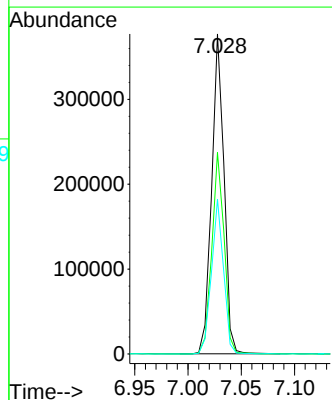
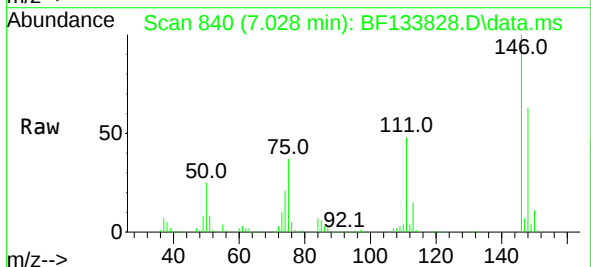
Manual Integrations
APPROVED

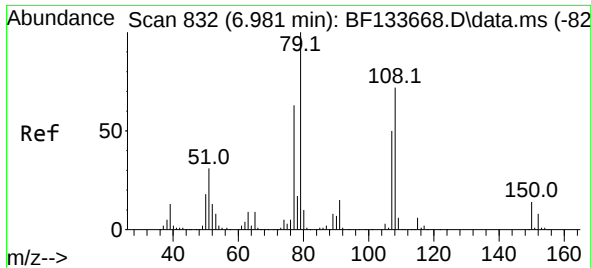
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#14
1,2-Dichlorobenzene
Concen: 46.801 ng
RT: 7.028 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

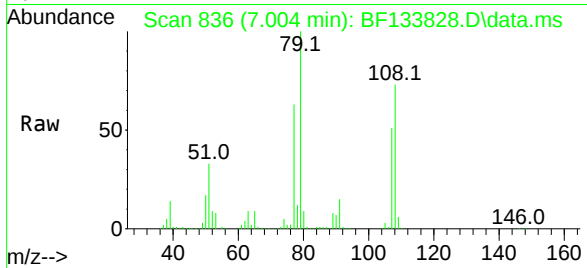
Tgt Ion:146 Resp: 303267
Ion Ratio Lower Upper
146 100
148 63.0 50.6 75.8
111 48.4 38.7 58.1





#15
Benzyl Alcohol
Concen: 43.982 ng
RT: 7.004 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

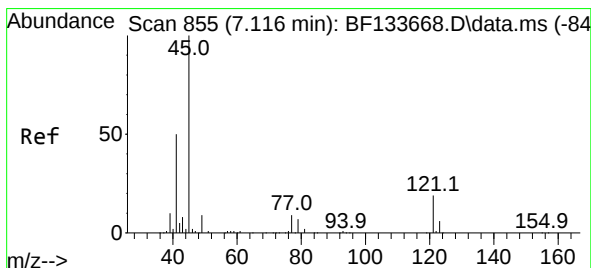
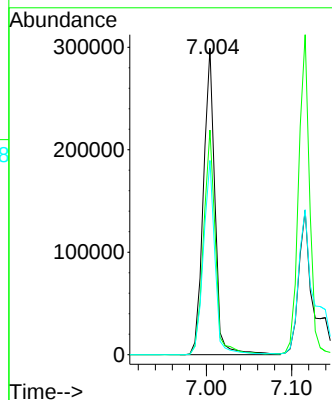
Instrument :
BNA_F
ClientSampleId :
PB153132BS



Tgt Ion: 79 Resp: 281760
Ion Ratio Lower Upper
79 100
108 73.3 57.9 86.9
77 63.4 50.4 75.6

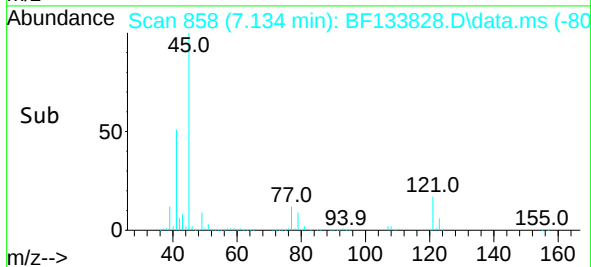
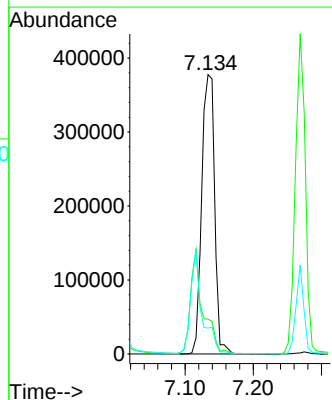
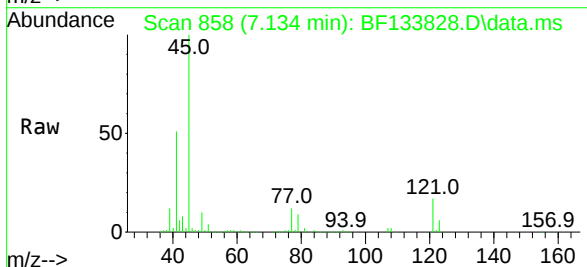
Manual Integrations
APPROVED

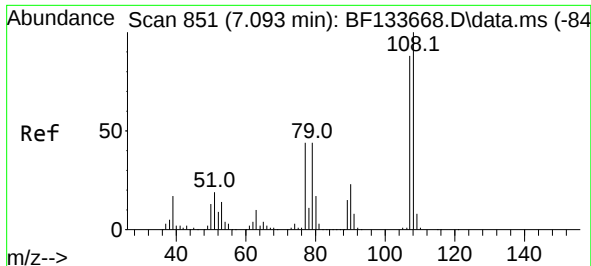
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.073 ng
RT: 7.134 min Scan# 858
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 45 Resp: 496607
Ion Ratio Lower Upper
45 100
77 12.5 0.0 32.3
79 9.3 0.0 29.4





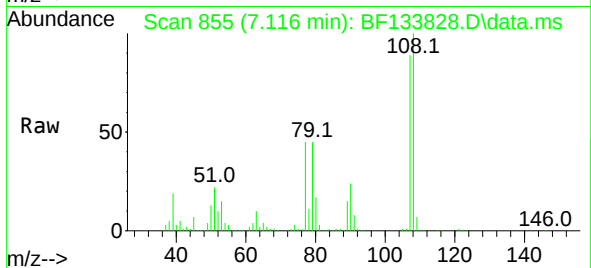
#17
2-Methylphenol
Concen: 42.485 ng
RT: 7.116 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

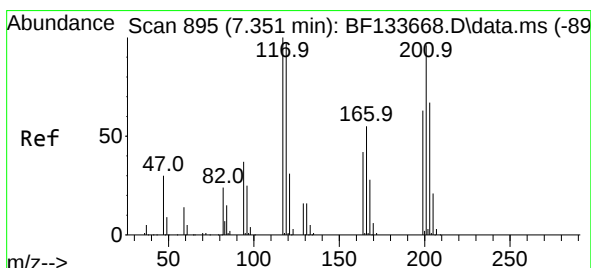
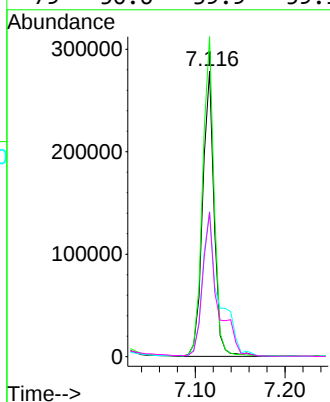
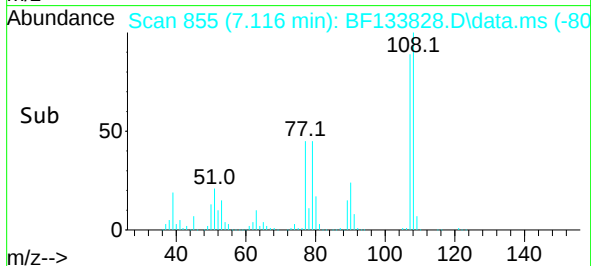


Tgt Ion:107 Resp: 250069
Ion Ratio Lower Upper
107 100
108 112.0 90.9 136.3
77 50.7 39.8 59.6
79 50.6 39.9 59.9

Manual Integrations

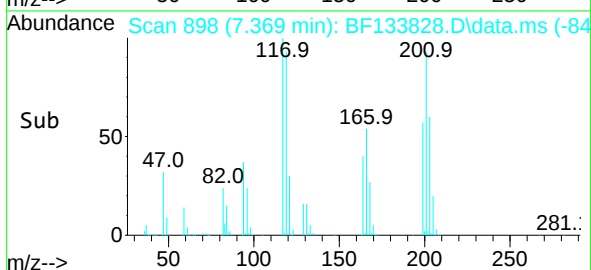
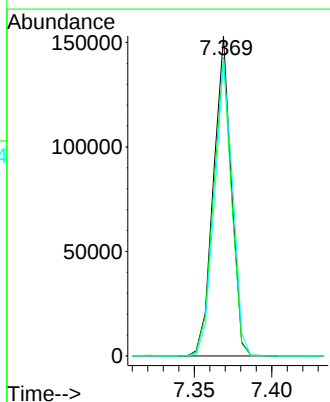
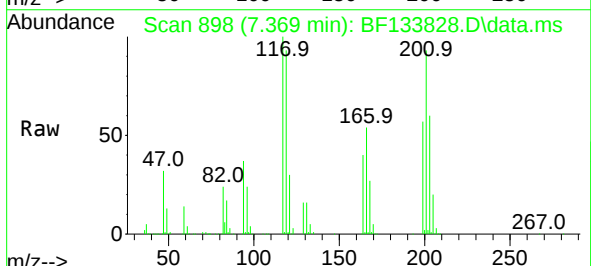
APPROVED

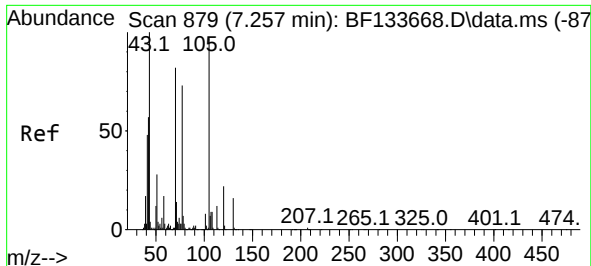
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#18
Hexachloroethane
Concen: 49.758 ng
RT: 7.369 min Scan# 898
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:117 Resp: 122159
Ion Ratio Lower Upper
117 100
119 93.4 77.3 115.9
201 92.7 76.8 115.2





#19

n-Nitroso-di-n-propylamine

Concen: 42.288 ng

RT: 7.275 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF133828.D

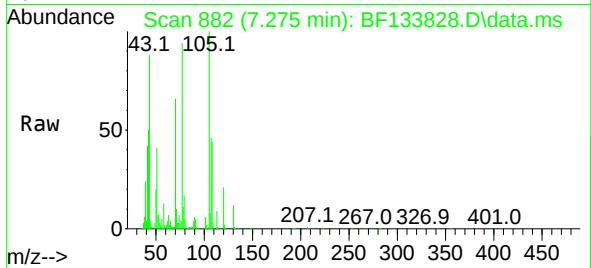
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS



Tgt Ion: 70 Resp: 220689

Ion Ratio Lower Upper

70 100

42 75.4 55.8 83.8

101 9.0 8.1 12.1

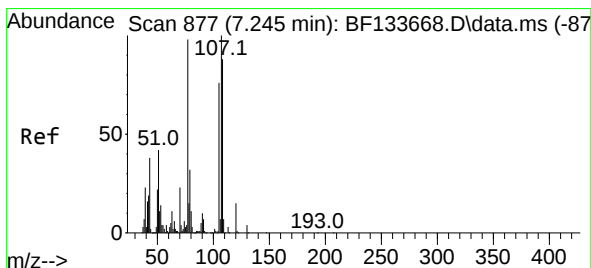
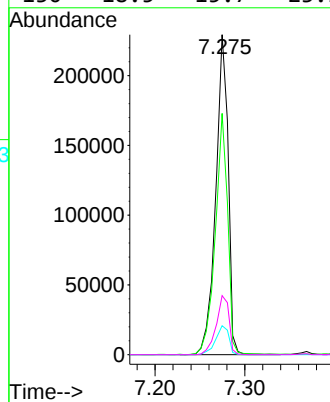
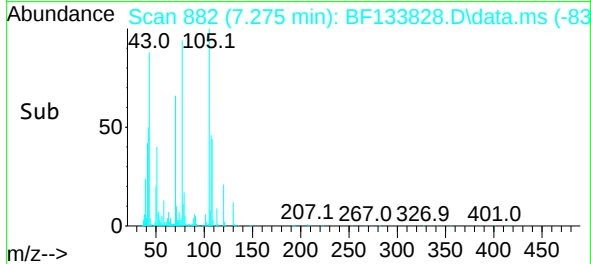
130 18.5 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#20

3+4-Methylphenols

Concen: 39.609 ng

RT: 7.269 min Scan# 881

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Tgt Ion:107 Resp: 303283

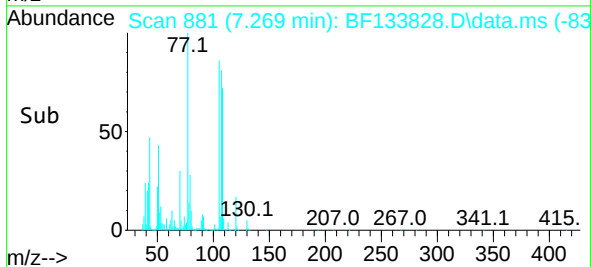
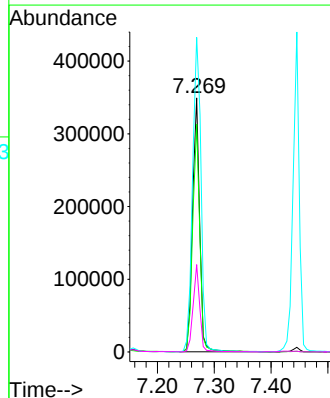
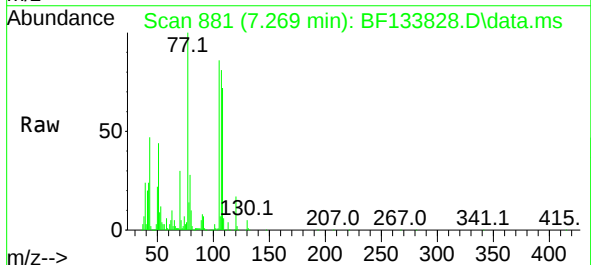
Ion Ratio Lower Upper

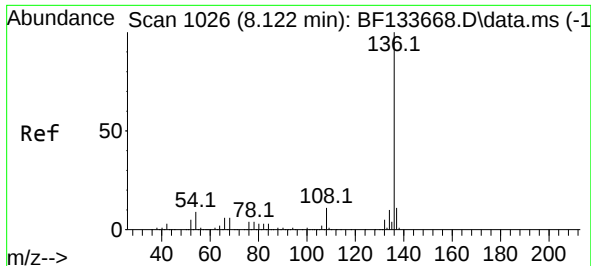
107 100

108 89.7 67.9 107.9

77 123.8 77.7 117.7#

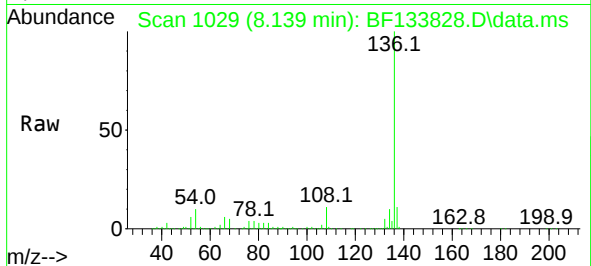
79 34.4 11.7 51.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.139 min Scan# 1029
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

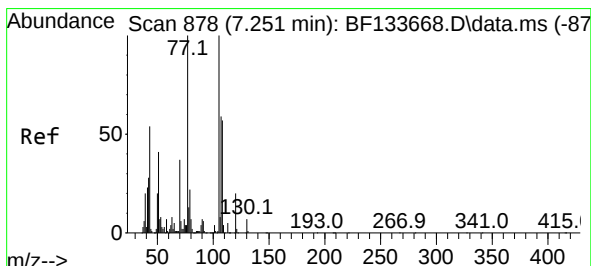
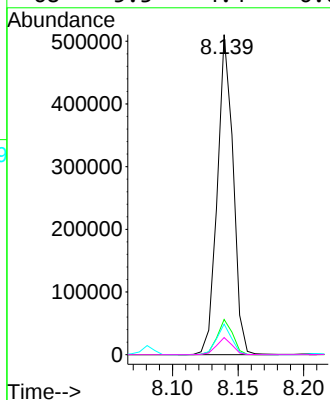
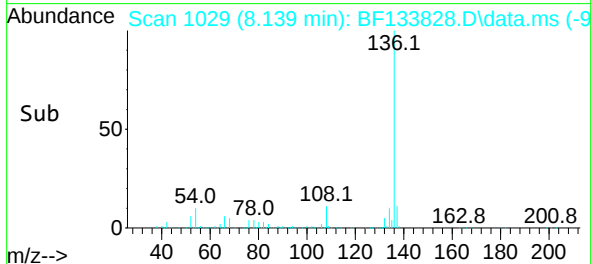
Instrument :
BNA_F
ClientSampleId :
PB153132BS



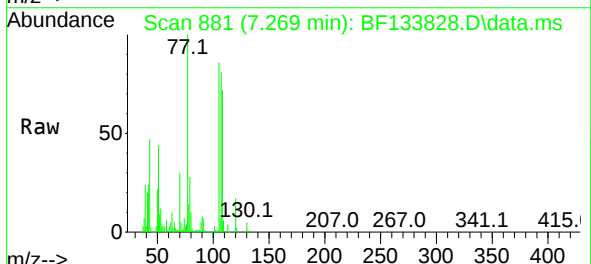
Tgt Ion:136 Resp: 427084
Ion Ratio Lower Upper
136 100
137 11.0 8.8 13.2
54 9.6 7.4 11.0
68 5.3 4.4 6.6

Manual Integrations
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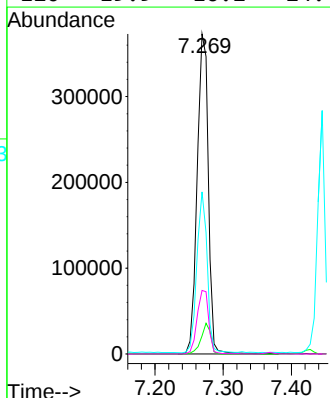
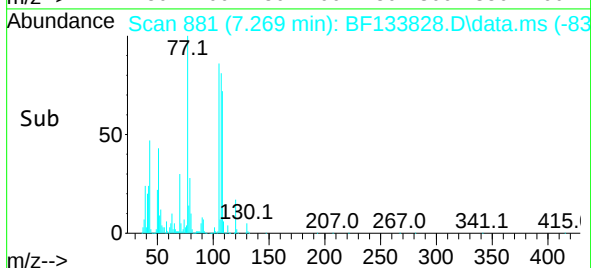
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

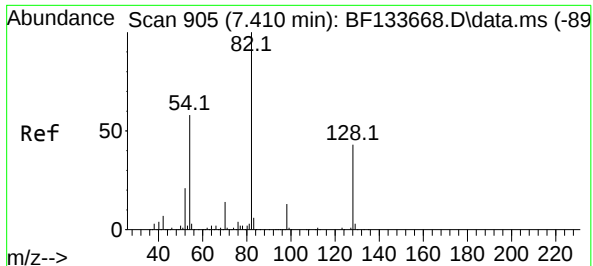


#22
Acetophenone
Concen: 43.364 ng
RT: 7.269 min Scan# 881
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:105 Resp: 424769
Ion Ratio Lower Upper
105 100
71 5.7 4.8 7.2
51 50.7 33.0 49.4#
120 19.9 16.2 24.4





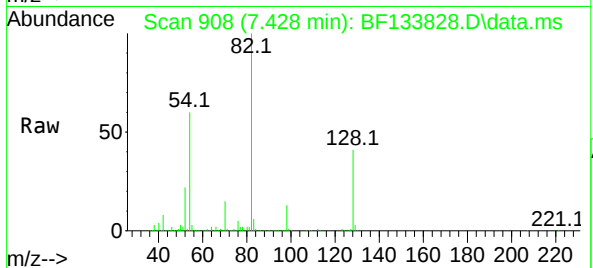
#23
Nitrobenzene-d5
Concen: 80.077 ng
RT: 7.428 min Scan# 908
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

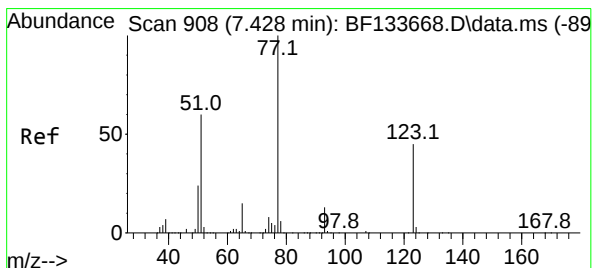
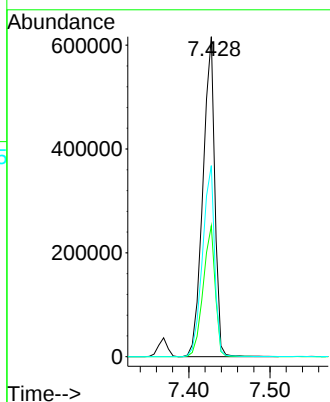
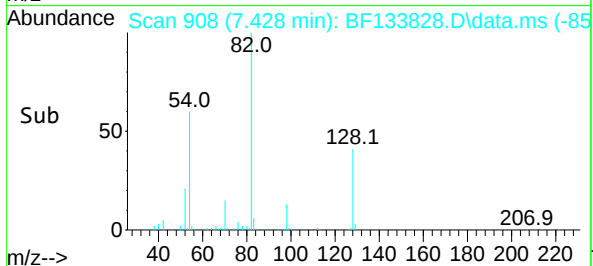
PB153132BS



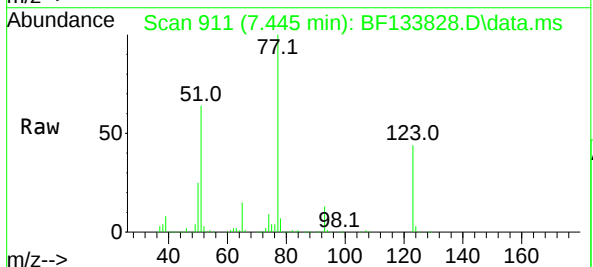
Tgt Ion: 82 Resp: 627900
Ion Ratio Lower Upper
82 100
128 40.9 34.2 51.2
54 59.7 46.5 69.7

Manual Integrations
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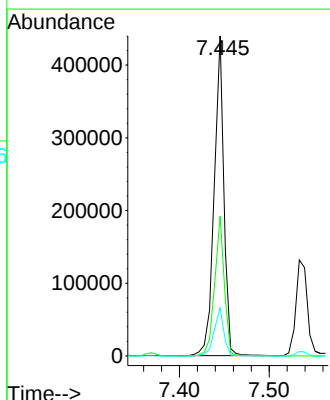
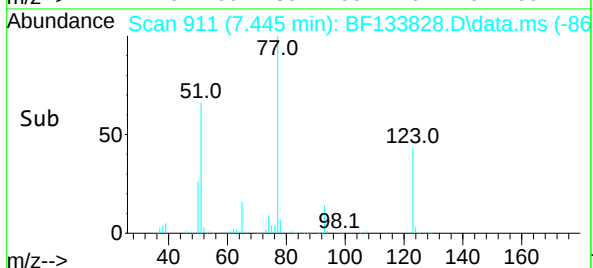
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

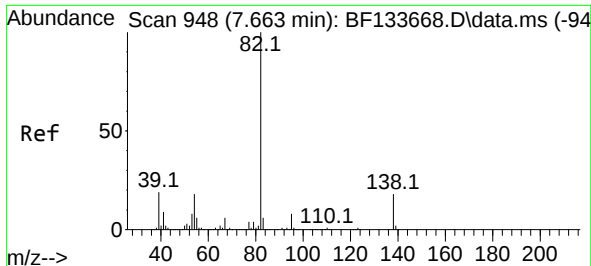


#24
Nitrobenzene
Concen: 41.949 ng
RT: 7.445 min Scan# 911
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



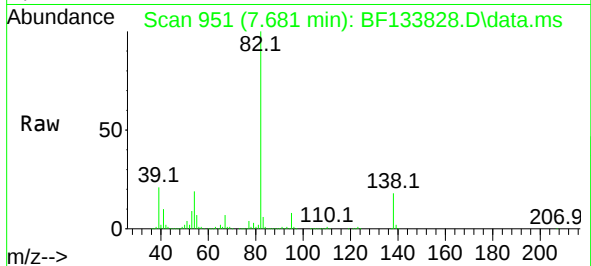
Tgt Ion: 77 Resp: 331213
Ion Ratio Lower Upper
77 100
123 43.6 35.8 53.8
65 15.0 11.6 17.4





#25
Isophorone
Concen: 41.777 ng
RT: 7.681 min Scan# 91
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

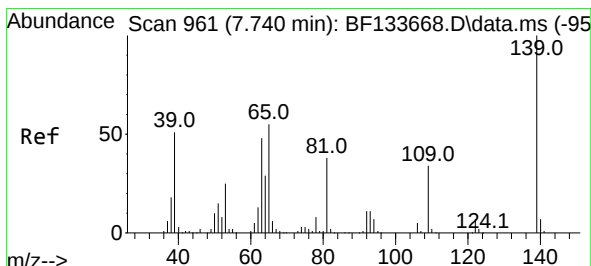
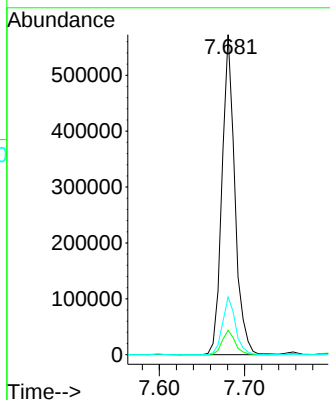
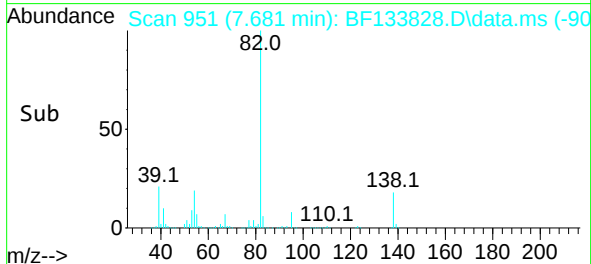
Instrument :
BNA_F
ClientSampleId :
PB153132BS



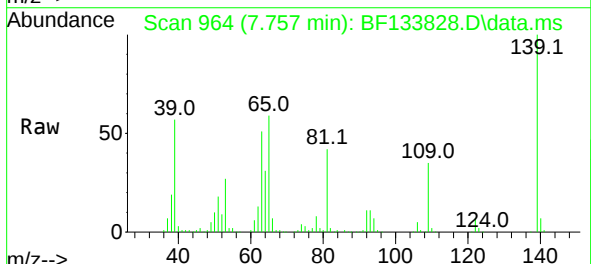
Tgt Ion: 82 Resp: 60140
Ion Ratio Lower Upper
82 100
95 7.7 6.0 9.0
138 18.1 14.2 21.2

Manual Integrations
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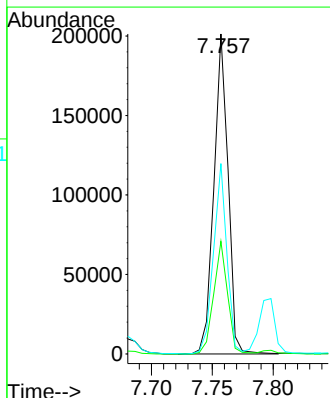
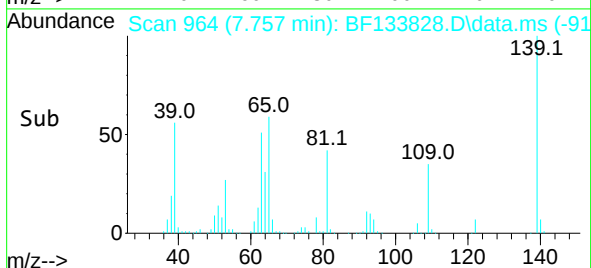
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

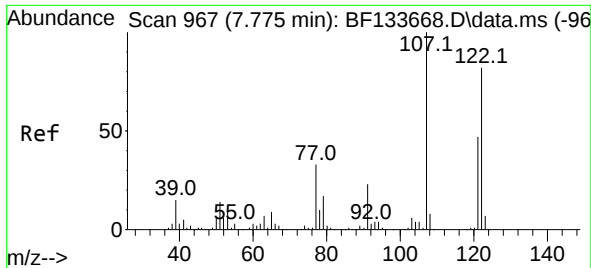


#26
2-Nitrophenol
Concen: 45.782 ng
RT: 7.757 min Scan# 964
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:139 Resp: 162226
Ion Ratio Lower Upper
139 100
109 35.2 27.0 40.6
65 59.5 44.2 66.4





#27
2,4-Dimethylphenol
Concen: 43.856 ng
RT: 7.798 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

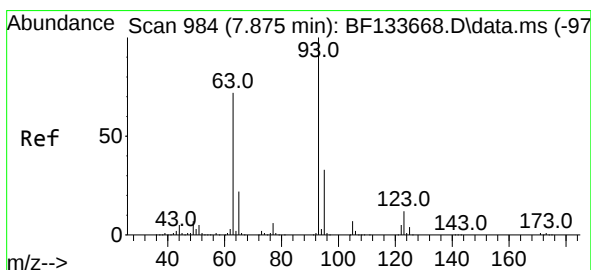
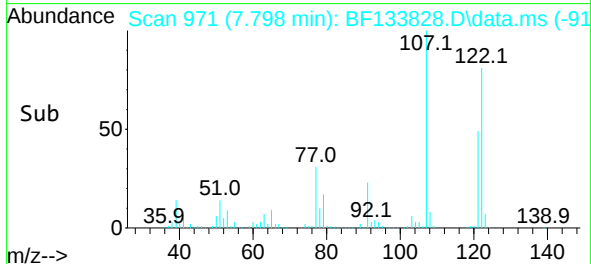
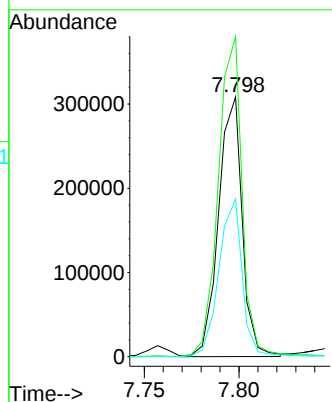
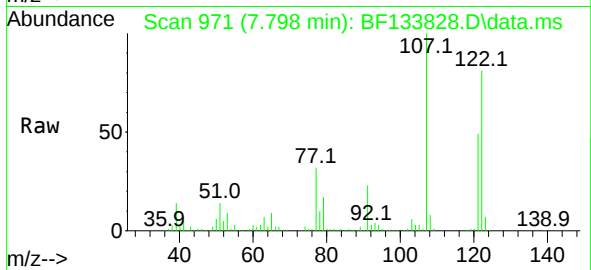
ClientSampleId :

PB153132BS

Tgt Ion:122 Resp: 267850
Ion Ratio Lower Upper
122 100
107 123.2 97.8 146.6
121 60.7 46.1 69.1

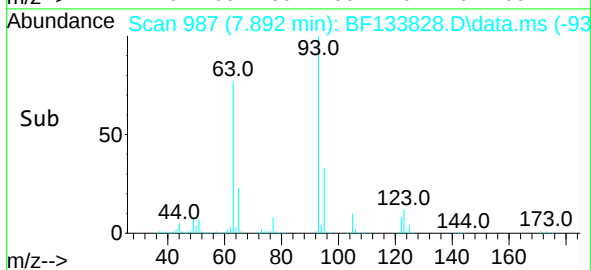
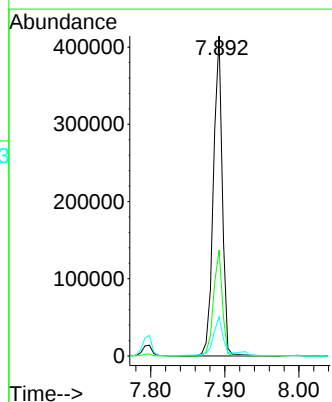
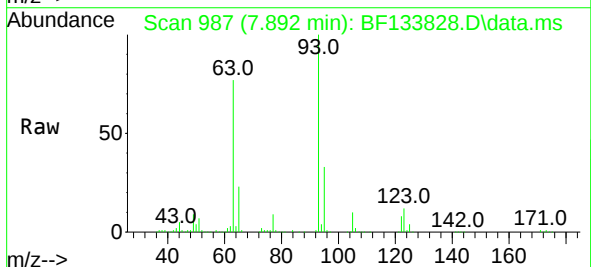
Manual Integrations
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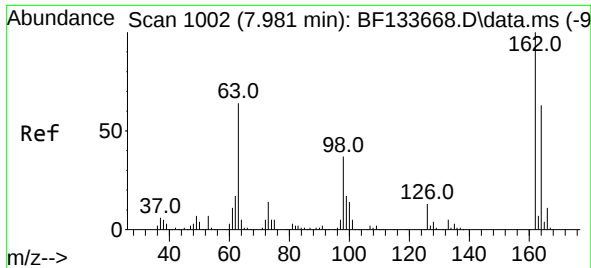
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#28
bis(2-Chloroethoxy)methane
Concen: 41.749 ng
RT: 7.892 min Scan# 987
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion: 93 Resp: 347359
Ion Ratio Lower Upper
93 100
95 33.1 26.4 39.6
123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 42.905 ng

RT: 7.998 min Scan# 1005

Delta R.T. -0.000 min

Lab File: BF133828.D

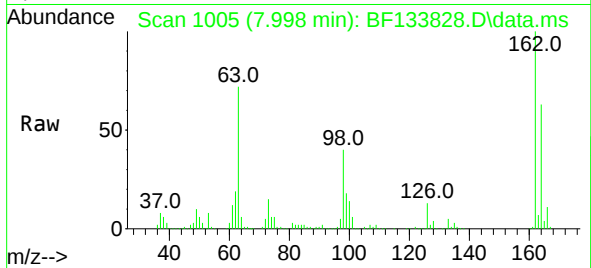
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS



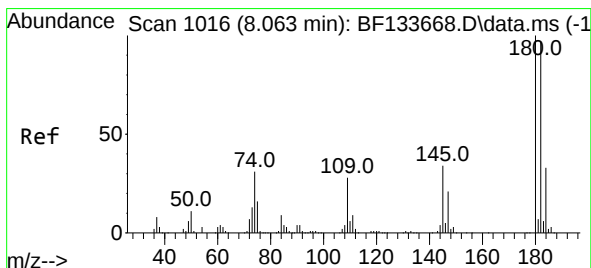
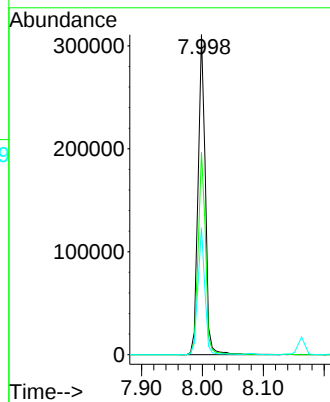
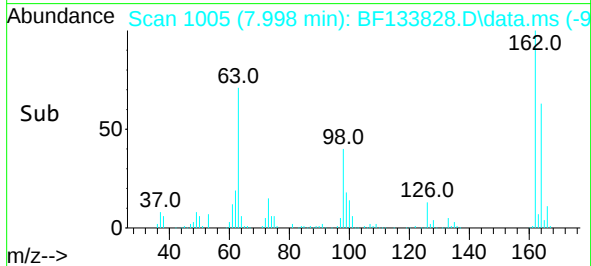
Tgt Ion:	162	Resp:	256824
Ion Ratio	Lower	Upper	
162	100		
164	63.2	43.4	83.4
98	39.6	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.633 ng

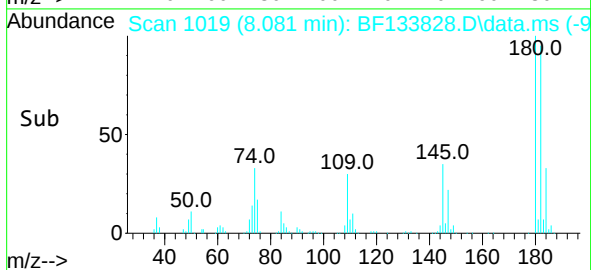
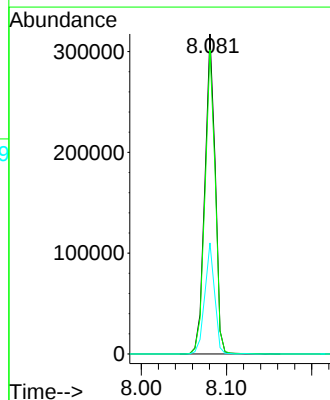
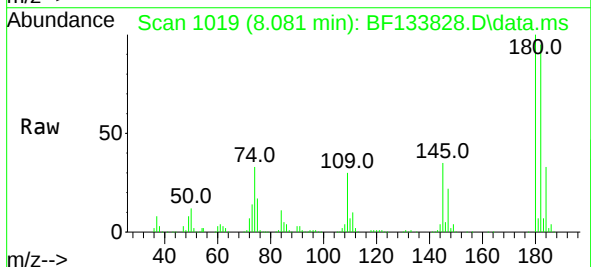
RT: 8.081 min Scan# 1019

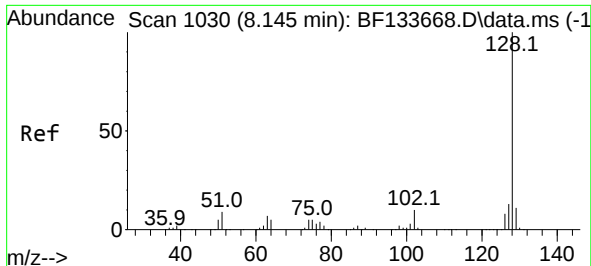
Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Tgt Ion:	180	Resp:	266250
Ion Ratio	Lower	Upper	
180	100		
182	95.1	77.8	116.8
145	34.7	27.0	40.4





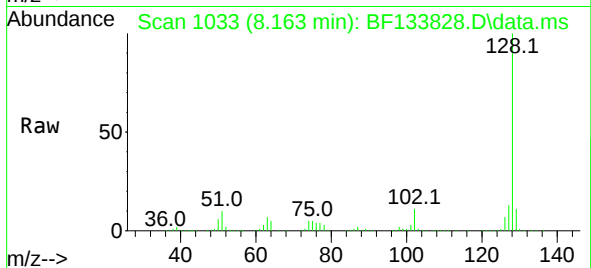
#31
Naphthalene
Concen: 41.109 ng
RT: 8.163 min Scan# 1033
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

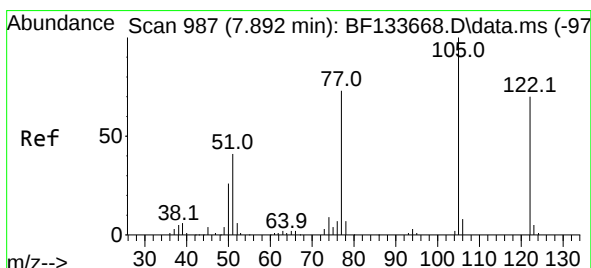
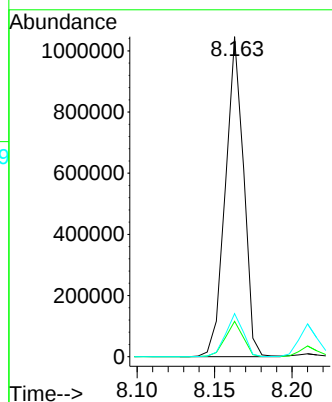
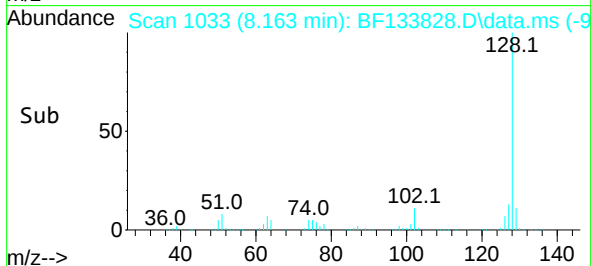
PB153132BS



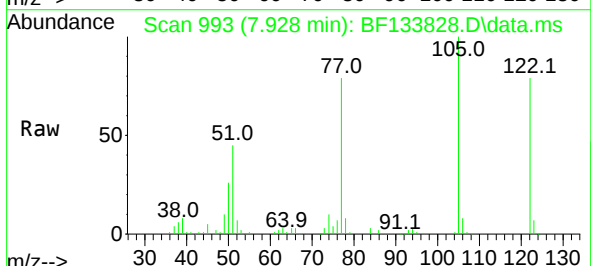
Tgt Ion:128 Resp: 85536
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.5 15.7

Manual Integrations
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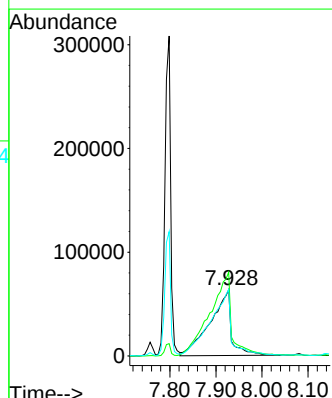
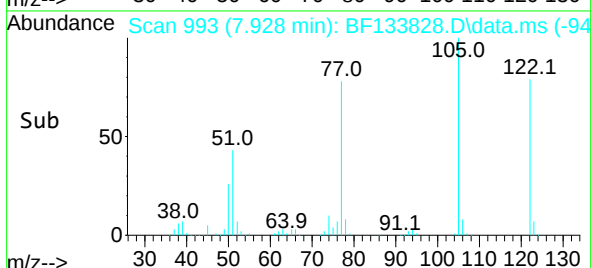
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

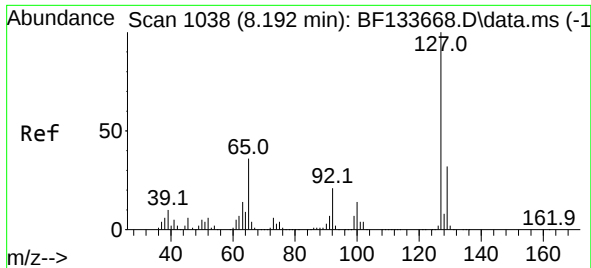


#32
Benzoic acid
Concen: 53.332 ng
RT: 7.928 min Scan# 993
Delta R.T. 0.012 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:122 Resp: 205429
Ion Ratio Lower Upper
122 100
105 126.5 116.3 156.3
77 100.2 82.4 122.4





#33
4-Chloroaniline
Concen: 11.615 ng
RT: 8.210 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

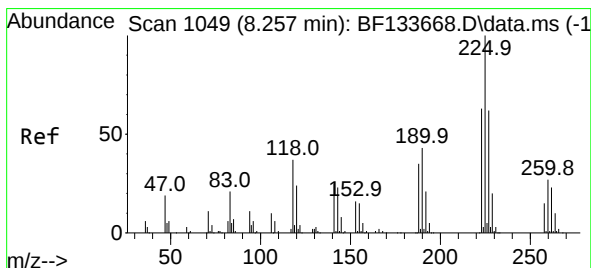
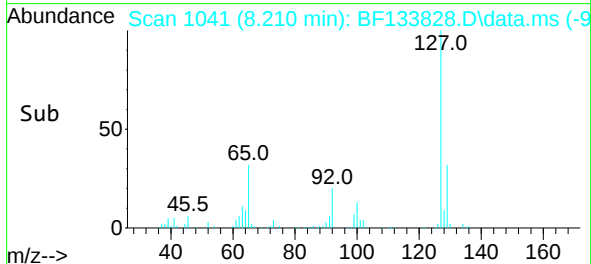
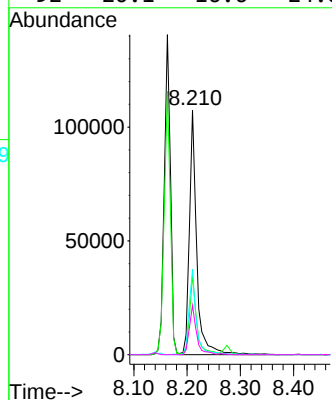
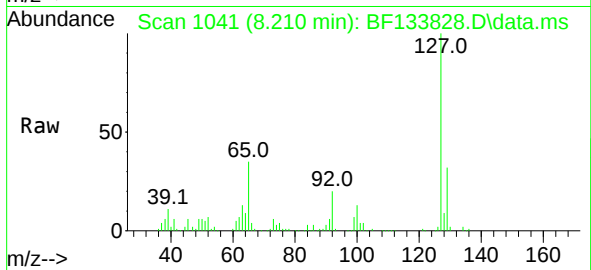
ClientSampleId :

PB153132BS

Tgt Ion:127 Resp: 103338
Ion Ratio Lower Upper
127 100
129 32.5 25.6 38.4
65 34.9 28.9 43.3
92 20.1 16.6 24.8

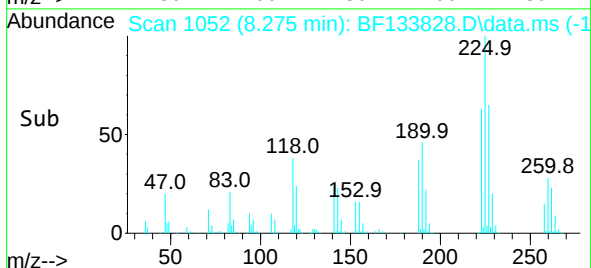
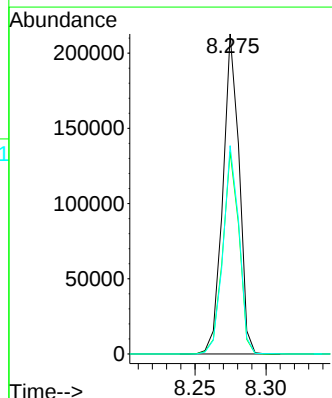
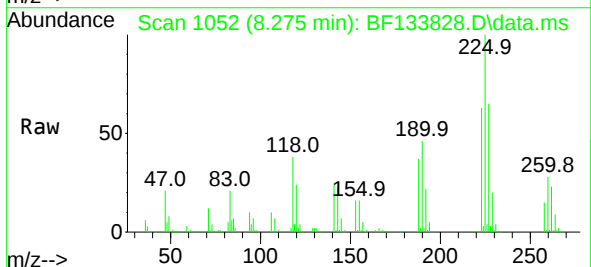
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#34
Hexachlorobutadiene
Concen: 41.215 ng
RT: 8.275 min Scan# 1052
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:225 Resp: 168525
Ion Ratio Lower Upper
225 100
223 63.2 50.2 75.4
227 65.1 49.5 74.3





#35
Caprolactam
Concen: 43.274 ng m
RT: 8.592 min Scan# 1106
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

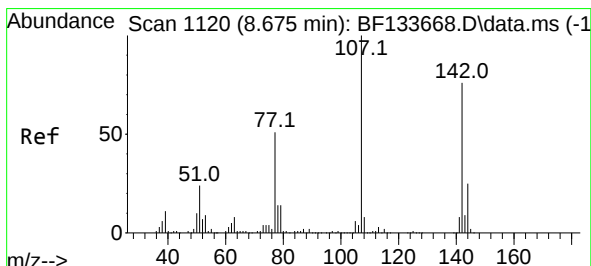
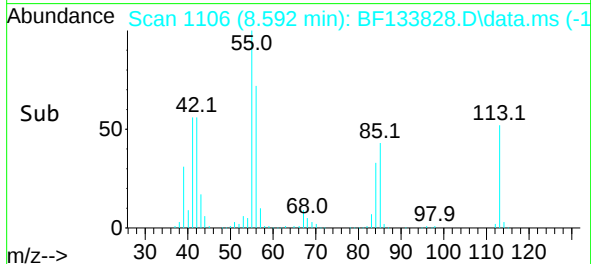
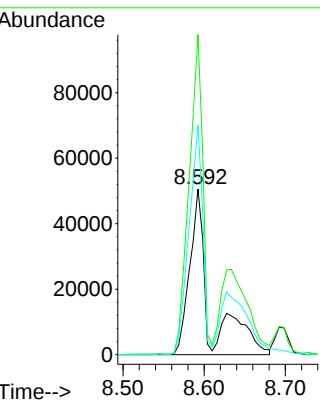
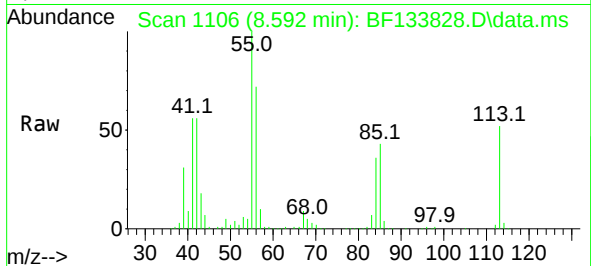
ClientSampleId :

PB153132BS

Tgt Ion:113 Resp: 8716
Ion Ratio Lower Upper
113 100
55 193.3 173.3 213.3
56 138.6 120.5 160.5

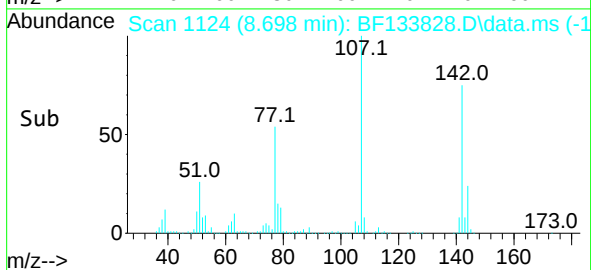
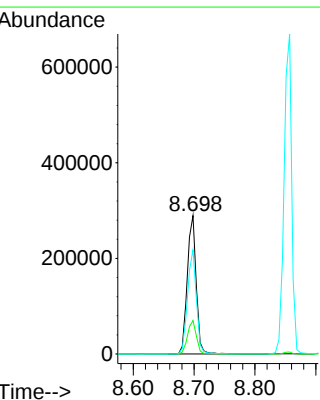
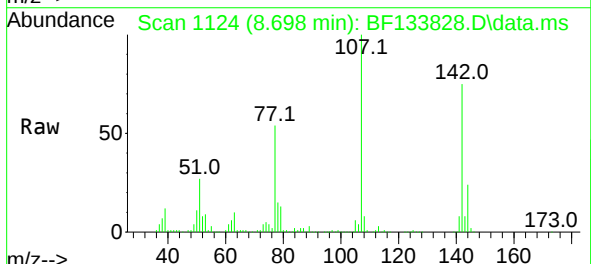
Manual Integrations
APPROVED

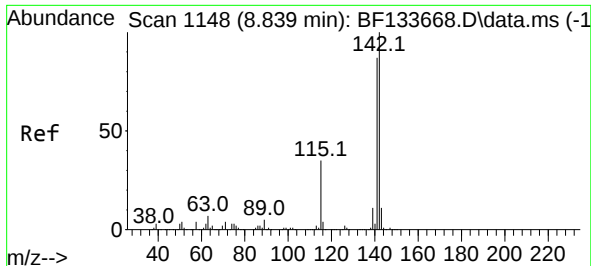
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#36
4-Chloro-3-methylphenol
Concen: 42.921 ng
RT: 8.698 min Scan# 1124
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:107 Resp: 296141
Ion Ratio Lower Upper
107 100
144 24.1 19.7 29.5
142 75.2 61.1 91.7





#37

2-Methylnaphthalene

Concen: 40.238 ng

RT: 8.857 min Scan# 1151

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion:142 Resp: 581730

Ion Ratio Lower Upper

142 100

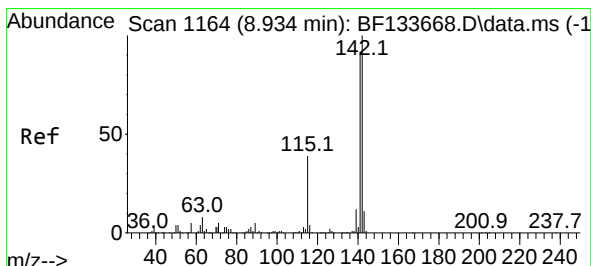
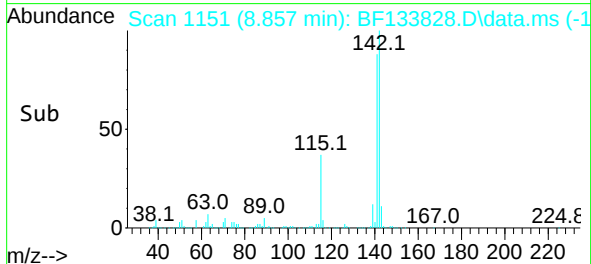
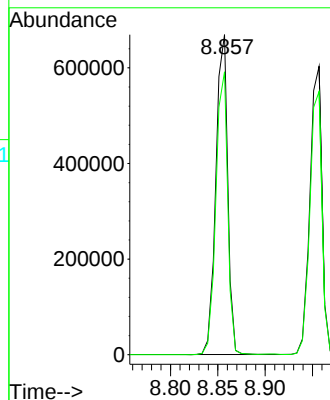
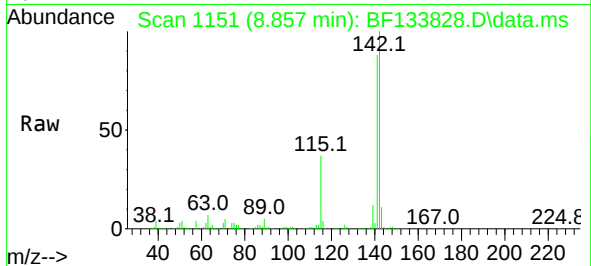
141 88.4 69.8 104.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#38

1-Methylnaphthalene

Concen: 40.405 ng

RT: 8.957 min Scan# 1168

Delta R.T. -0.000 min

Lab File: BF133828.D

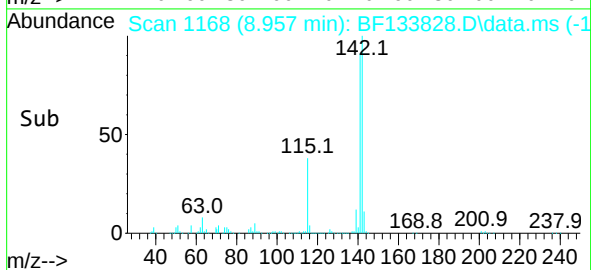
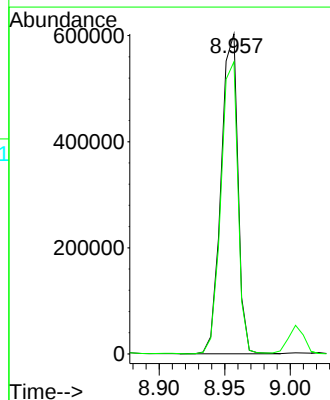
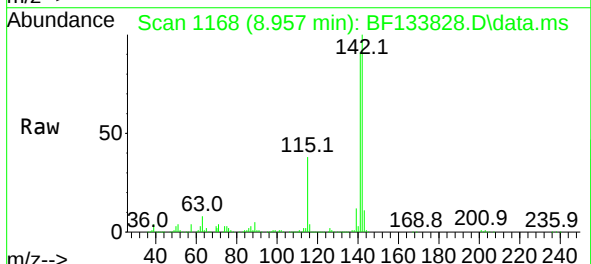
Acq: 19 Jun 2023 11:57

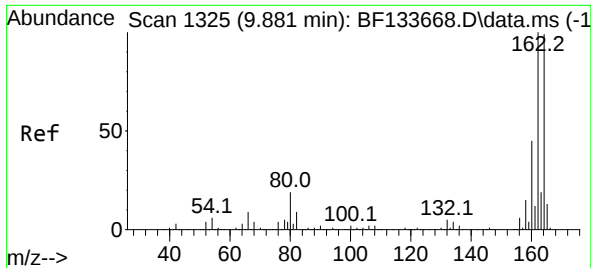
Tgt Ion:142 Resp: 537531

Ion Ratio Lower Upper

142 100

141 91.3 73.4 110.0





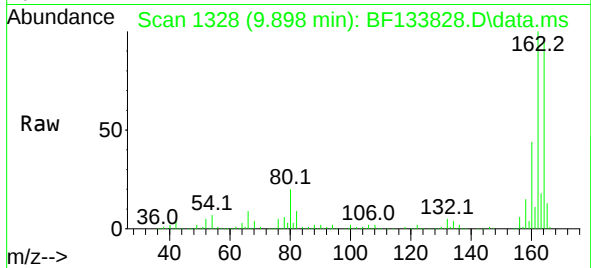
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

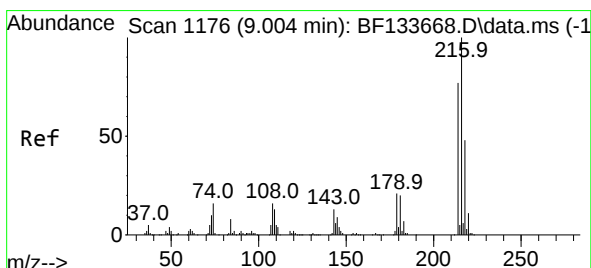
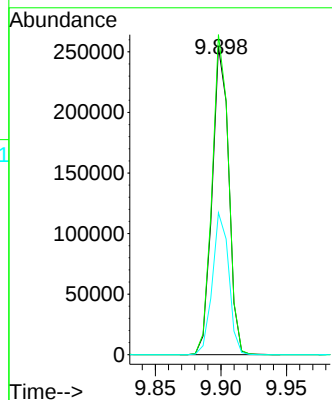
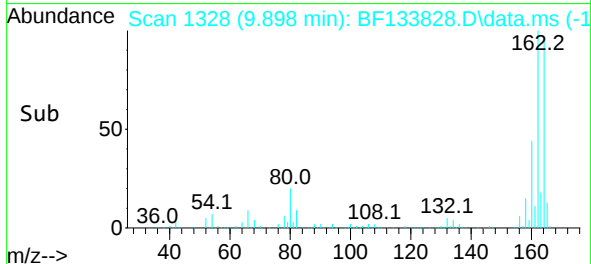


Tgt Ion:164 Resp: 224070
Ion Ratio Lower Upper
164 100
162 103.8 80.8 121.2
160 46.0 36.7 55.1

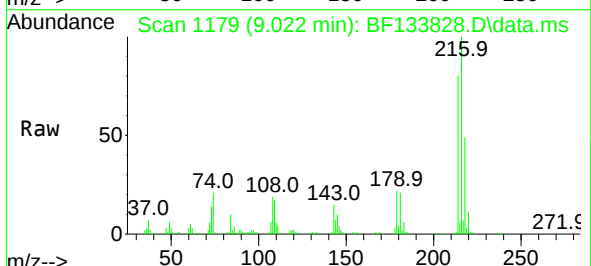
Manual Integrations

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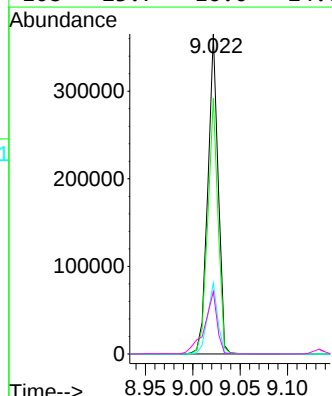
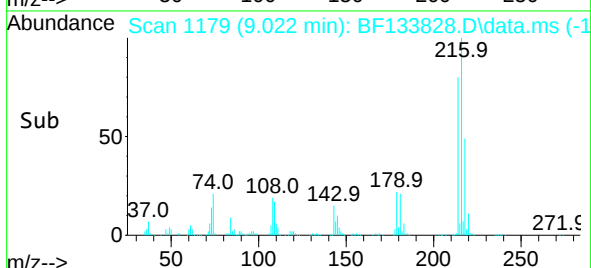
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.476 ng
RT: 9.022 min Scan# 1179
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



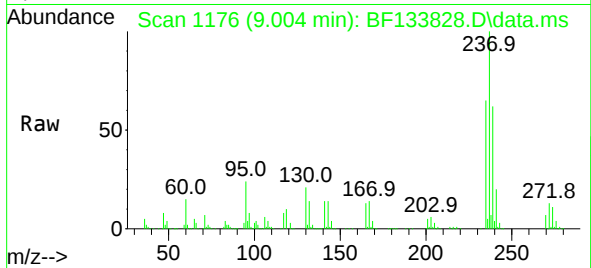
Tgt Ion:216 Resp: 275718
Ion Ratio Lower Upper
216 100
214 79.2 62.7 94.1
179 21.8 17.6 26.4
108 23.7 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 116.039 ng
RT: 9.004 min Scan# 1176
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

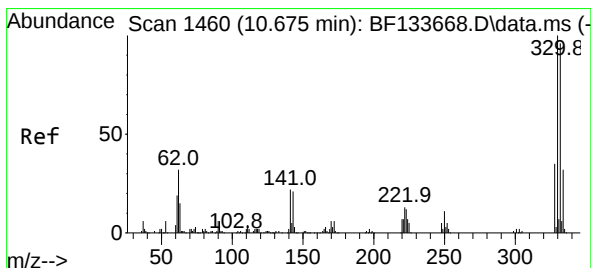
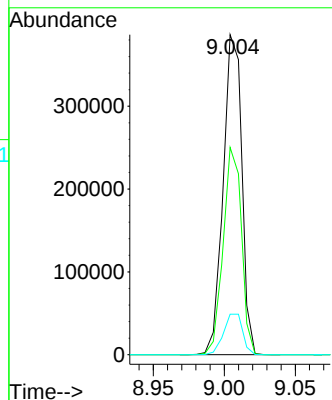
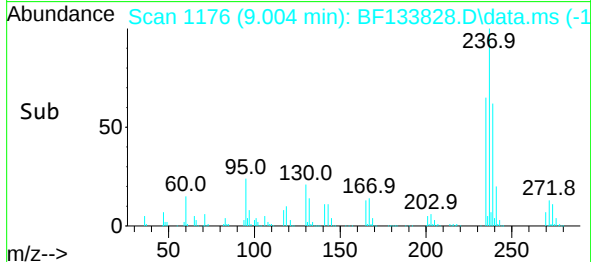
Instrument :
BNA_F
ClientSampleId :
PB153132BS



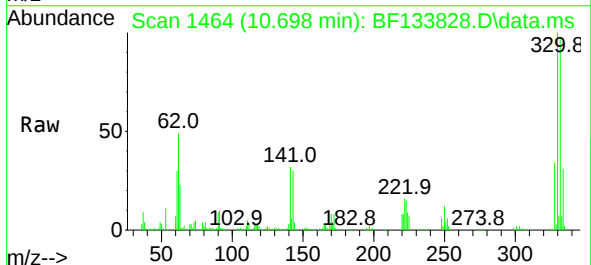
Tgt Ion:237 Resp: 352249
Ion Ratio Lower Upper
237 100
235 64.8 40.6 80.6
272 12.6 0.0 32.6

Manual Integrations
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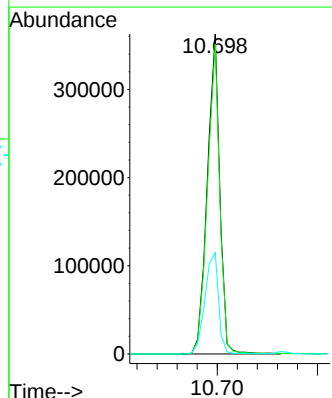
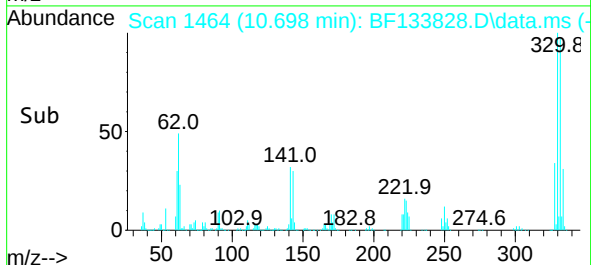
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#42
2,4,6-Tribromophenol
Concen: 110.743 ng
RT: 10.698 min Scan# 1464
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:330 Resp: 314104
Ion Ratio Lower Upper
330 100
332 95.5 77.2 115.8
141 34.7 24.9 37.3





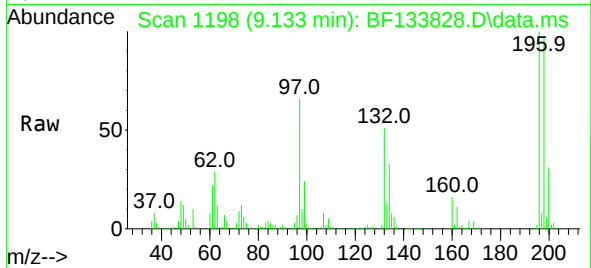
#43
2,4,6-Trichlorophenol
Concen: 41.051 ng
RT: 9.133 min Scan# 1194
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

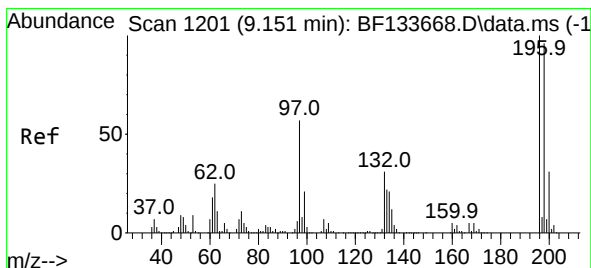
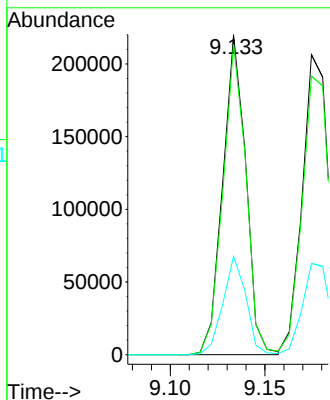
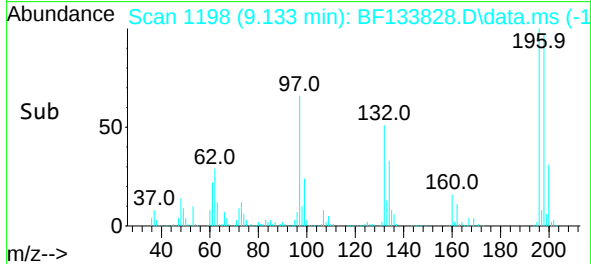


Tgt Ion:196 Resp: 18686
Ion Ratio Lower Upper
196 100
198 97.1 74.5 111.7
200 30.7 22.9 34.3

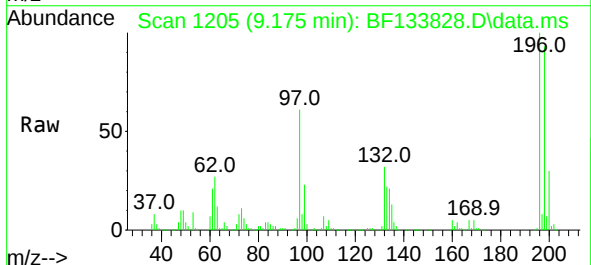
Manual Integrations

APPROVED

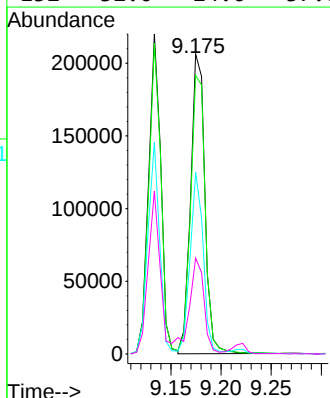
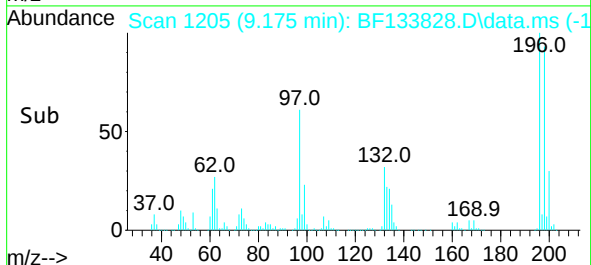
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

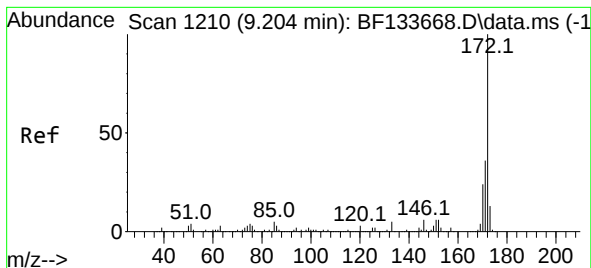


#44
2,4,5-Trichlorophenol
Concen: 38.570 ng
RT: 9.175 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:196 Resp: 204254
Ion Ratio Lower Upper
196 100
198 92.9 76.8 115.2
97 60.6 45.4 68.2
132 32.0 24.6 37.0





#45

2-Fluorobiphenyl

Concen: 74.426 ng

RT: 9.222 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion:172 Resp: 117315

Ion Ratio Lower Upper

172 100

171 36.0 28.6 43.0

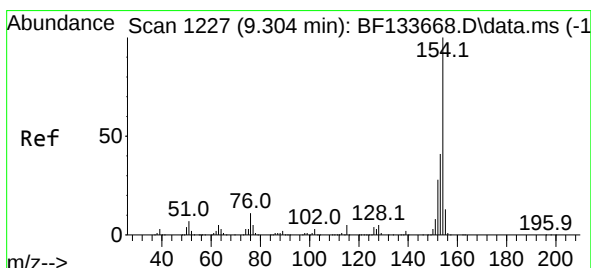
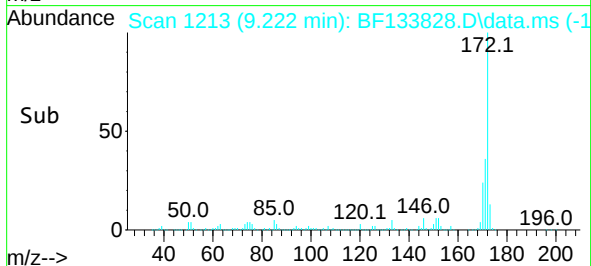
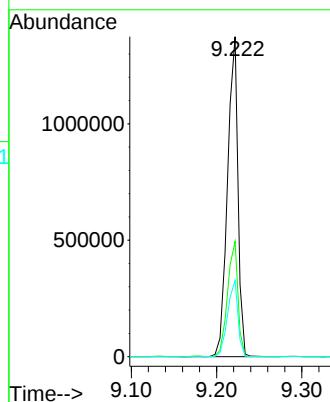
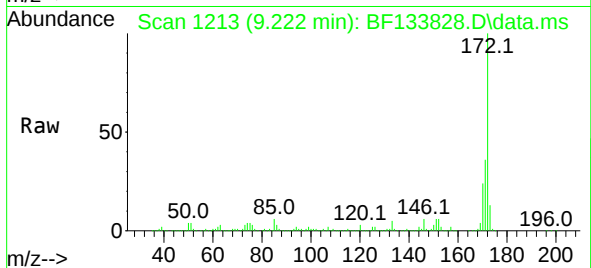
170 23.8 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#46

1,1'-Biphenyl

Concen: 41.406 ng

RT: 9.322 min Scan# 1230

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

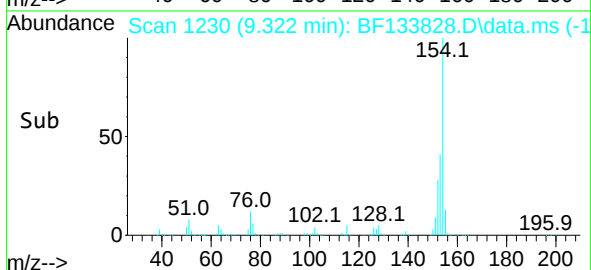
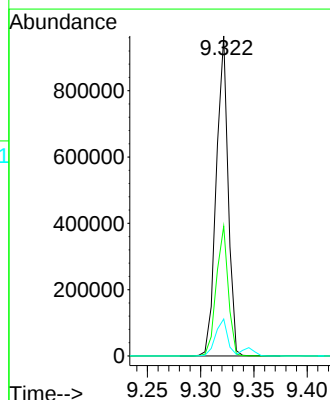
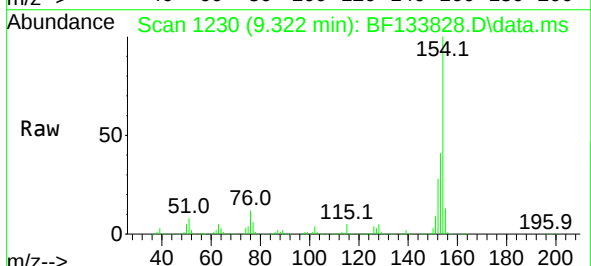
Tgt Ion:154 Resp: 748263

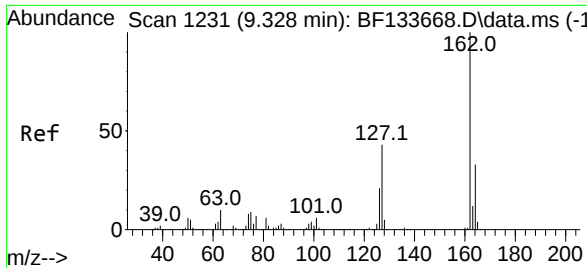
Ion Ratio Lower Upper

154 100

153 40.6 20.6 60.6

76 11.6 0.0 31.0





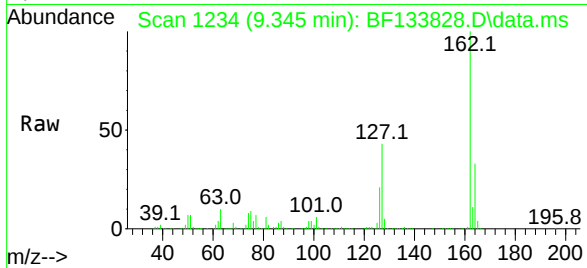
#47
2-Chloronaphthalene
Concen: 42.099 ng
RT: 9.345 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

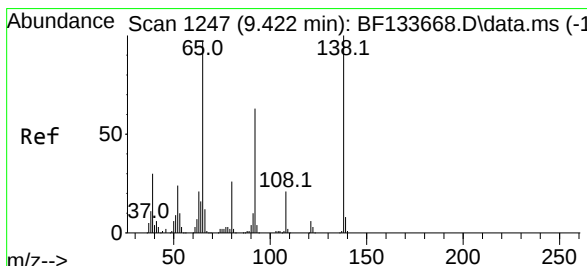
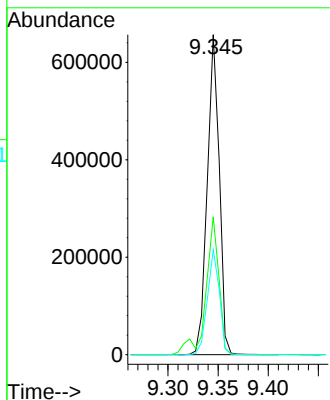
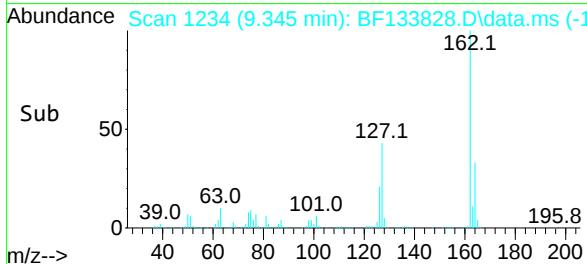
PB153132BS



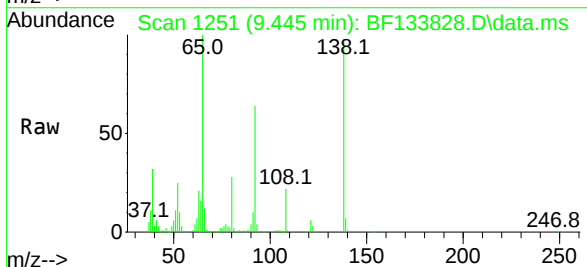
Tgt Ion:162 Resp: 545720
Ion Ratio Lower Upper
162 100
127 43.1 34.6 52.0
164 32.8 26.4 39.6

Manual Integrations
APPROVED

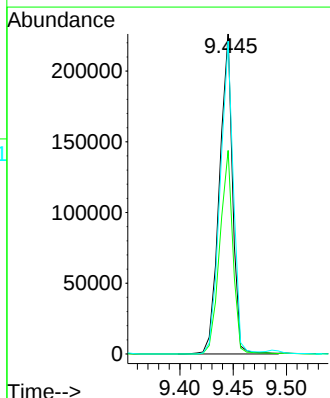
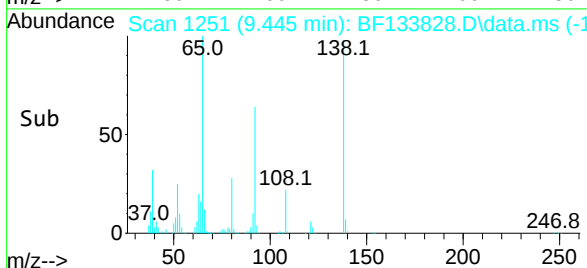
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

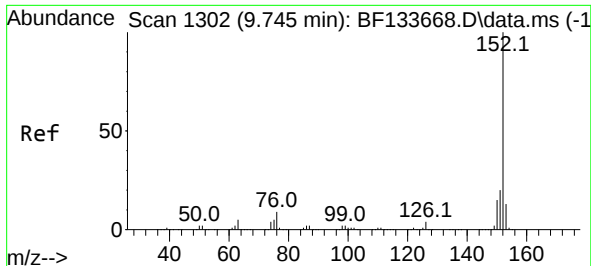


#48
2-Nitroaniline
Concen: 40.813 ng
RT: 9.445 min Scan# 1251
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion: 65 Resp: 193490
Ion Ratio Lower Upper
65 100
92 63.6 51.8 77.6
138 97.7 82.1 123.1





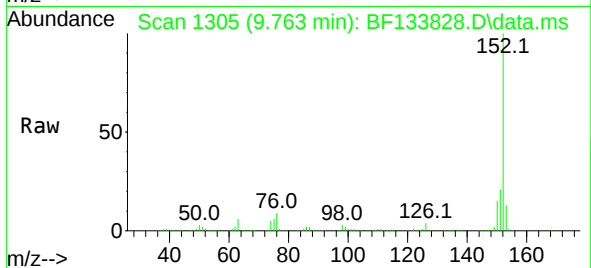
#49
Acenaphthylene
Concen: 39.860 ng
RT: 9.763 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

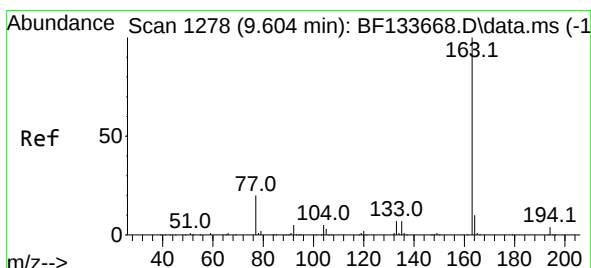
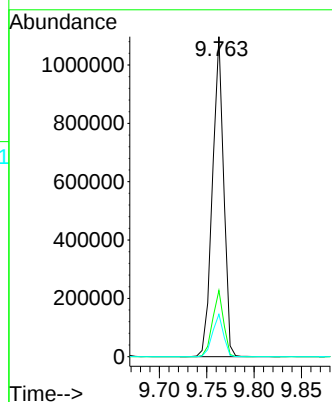
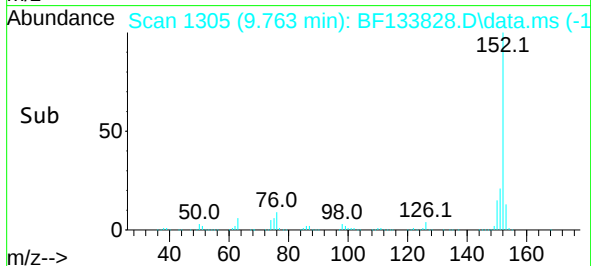


Tgt Ion:152 Resp: 899325
Ion Ratio Lower Upper
152 100
151 20.7 16.2 24.4
153 13.3 10.4 15.6

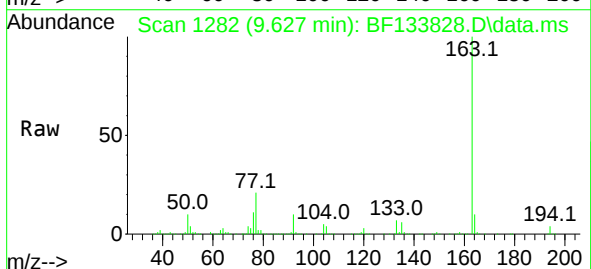
Manual Integrations

APPROVED

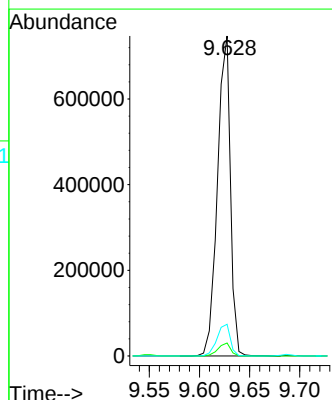
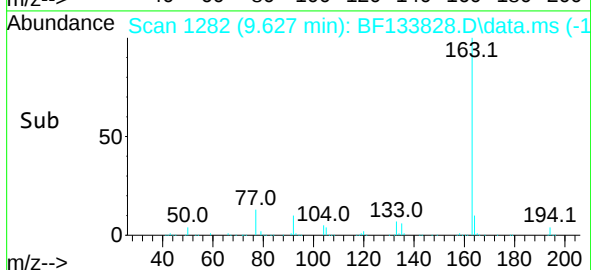
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

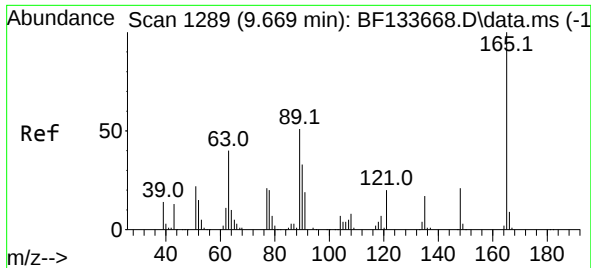


#50
Dimethylphthalate
Concen: 39.962 ng
RT: 9.627 min Scan# 1282
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:163 Resp: 668375
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.0 12.0





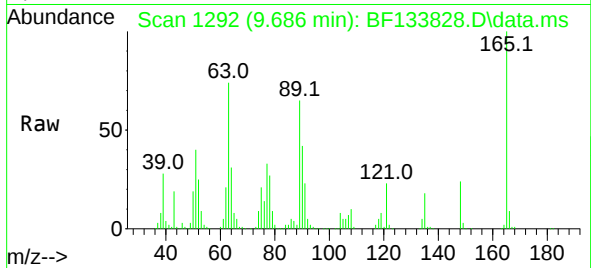
#51
2,6-Dinitrotoluene
Concen: 42.403 ng
RT: 9.686 min Scan# 1292
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

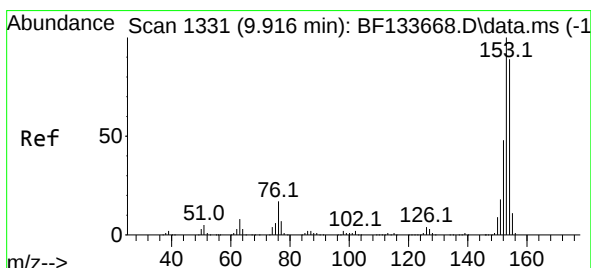
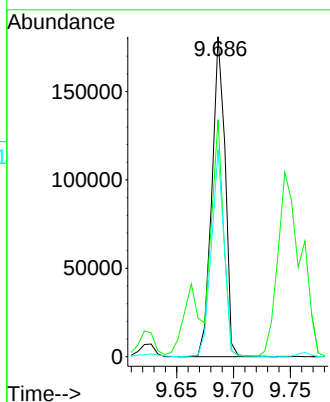
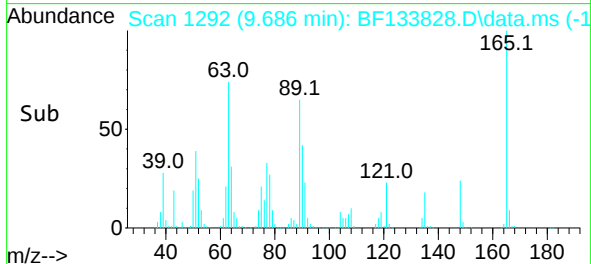


Tgt Ion:165 Resp: 146382
Ion Ratio Lower Upper
165 100
63 74.1 42.1 63.1
89 64.7 40.9 61.3

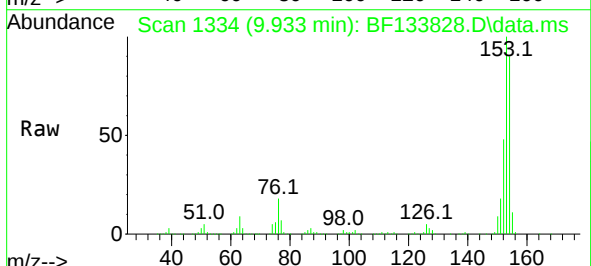
Manual Integrations

APPROVED

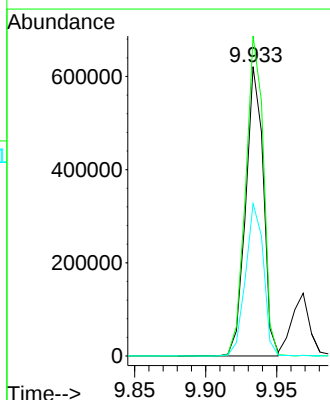
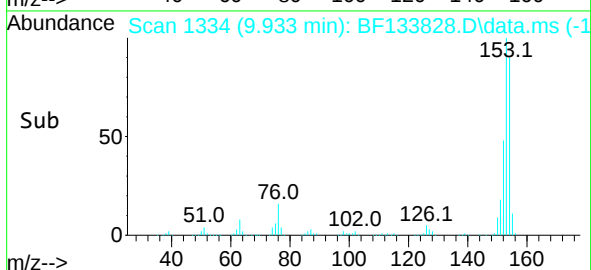
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

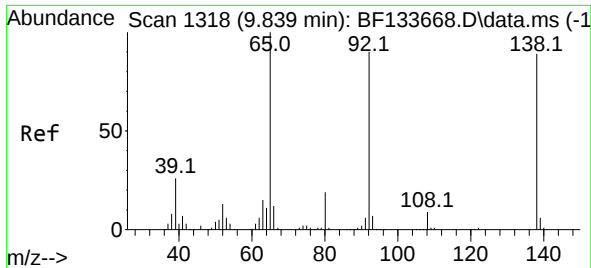


#52
Acenaphthene
Concen: 40.620 ng
RT: 9.933 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:154 Resp: 536440
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.8
152 52.6 43.4 65.2





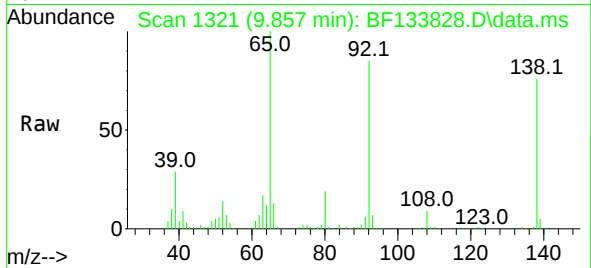
#53
3-Nitroaniline
Concen: 22.216 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

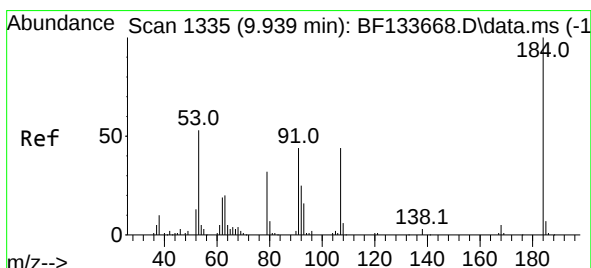
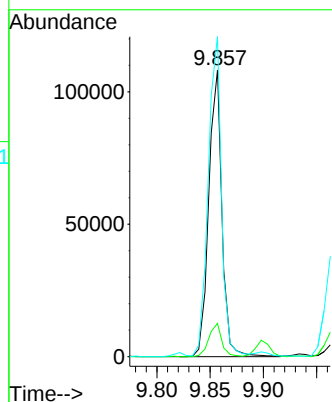
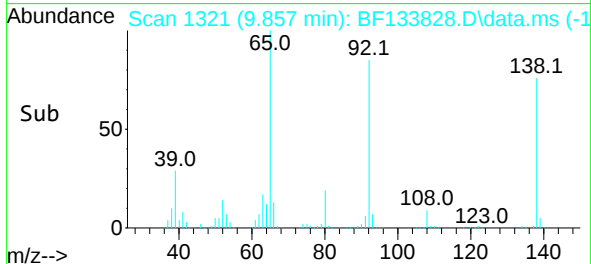
PB153132BS



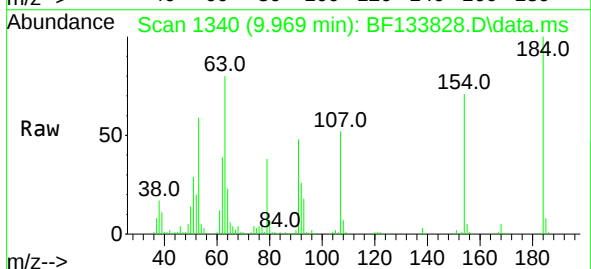
Tgt Ion:138 Resp: 9333
Ion Ratio Lower Upper
138 100
108 11.6 8.2 12.4
92 111.6 81.0 121.6

Manual Integrations
APPROVED

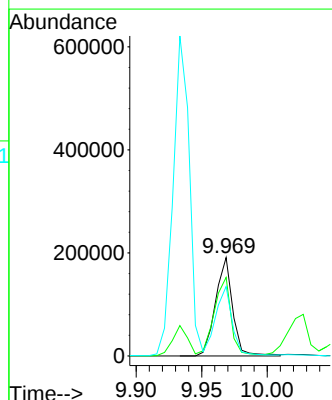
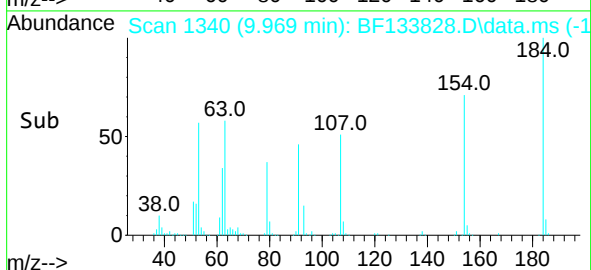
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

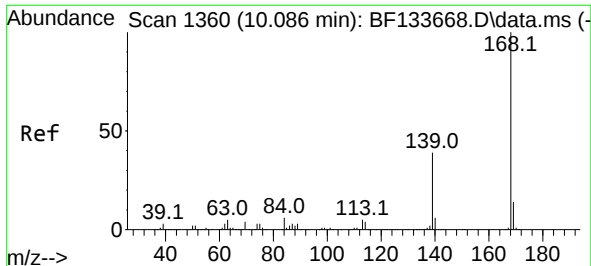


#54
2,4-Dinitrophenol
Concen: 101.313 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



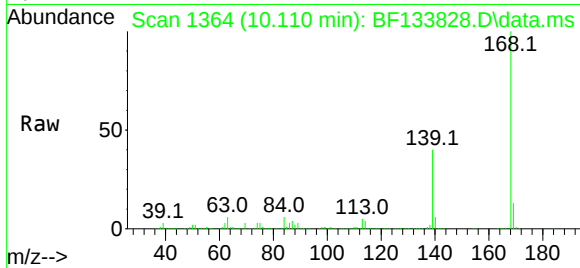
Tgt Ion:184 Resp: 173677
Ion Ratio Lower Upper
184 100
63 79.8 55.3 82.9
154 70.6 51.9 77.9





#55
Dibenzenofuran
Concen: 40.446 ng
RT: 10.110 min Scan# 1360
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

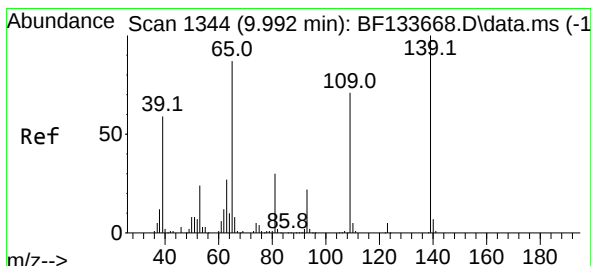
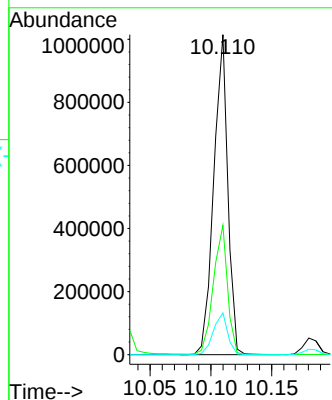
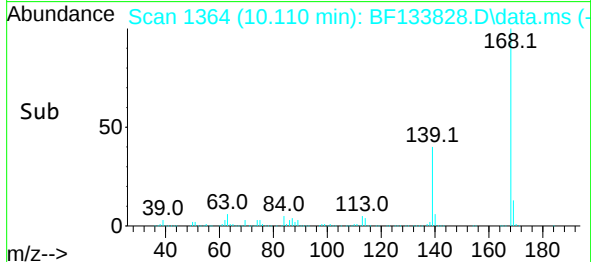
Instrument :
BNA_F
ClientSampleId :
PB153132BS



Tgt Ion:168 Resp: 815054
Ion Ratio Lower Upper
168 100
139 40.5 30.9 46.3
169 13.0 10.9 16.3

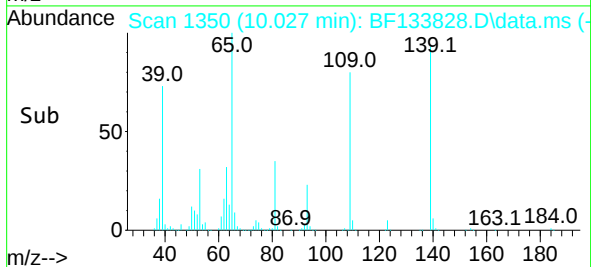
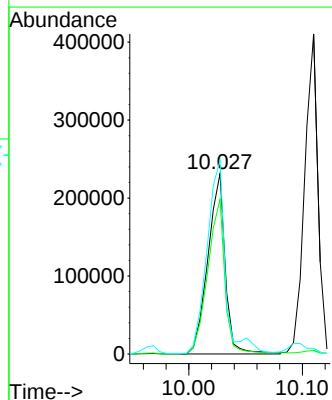
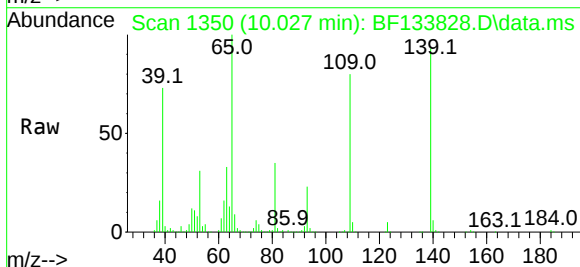
Manual Integrations
APPROVED

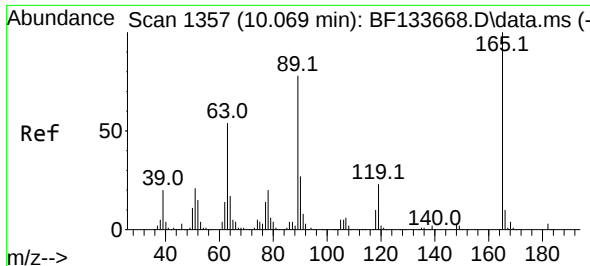
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#56
4-Nitrophenol
Concen: 86.117 ng
RT: 10.027 min Scan# 1350
Delta R.T. 0.012 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:139 Resp: 244165
Ion Ratio Lower Upper
139 100
109 85.7 50.7 90.7
65 107.2 67.1 107.1#





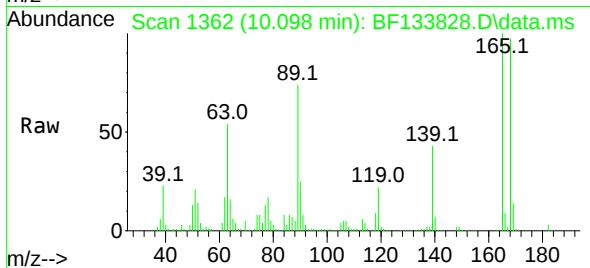
#57
2,4-Dinitrotoluene
Concen: 44.845 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

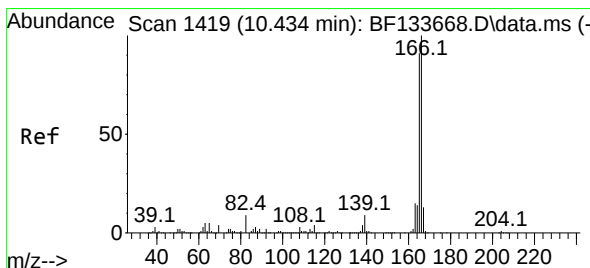
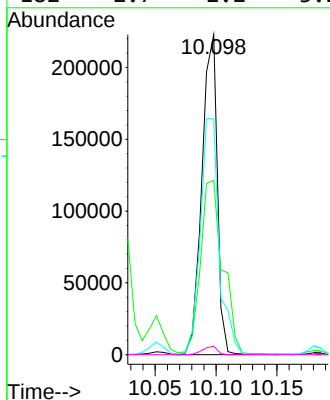
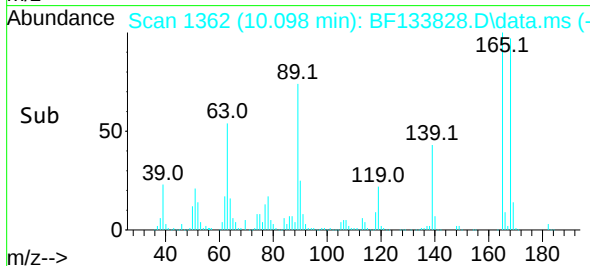


Tgt Ion:165 Resp: 19689
Ion Ratio Lower Upper
165 100
63 54.5 43.0 64.6
89 73.6 62.6 93.8
182 2.7 2.2 3.2

Manual Integrations

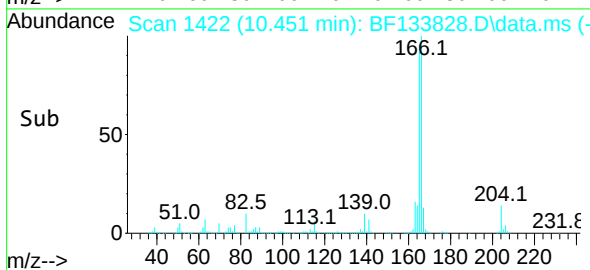
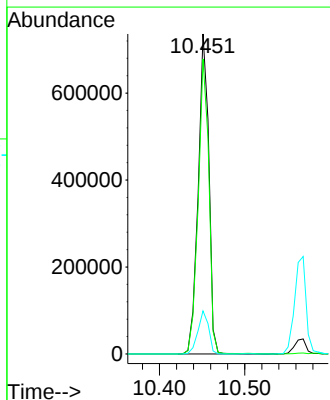
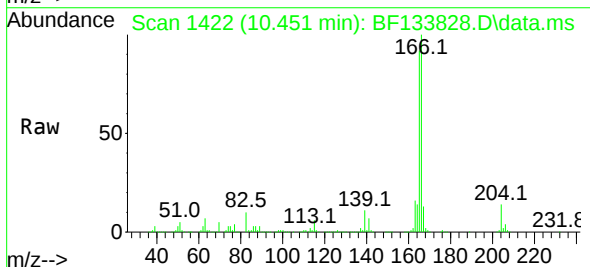
APPROVED

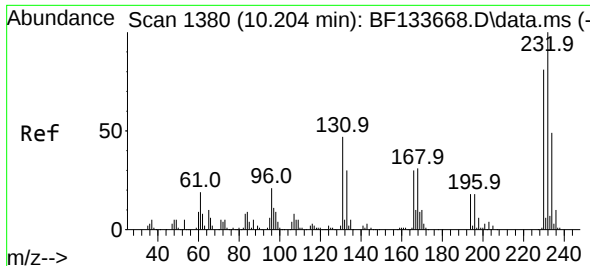
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#58
Fluorene
Concen: 41.471 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:166 Resp: 639099
Ion Ratio Lower Upper
166 100
165 92.2 73.1 109.7
167 13.4 10.5 15.7





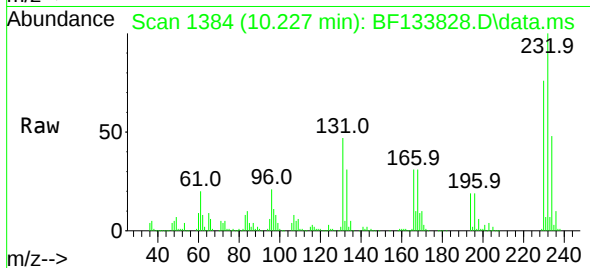
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.834 ng
RT: 10.227 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

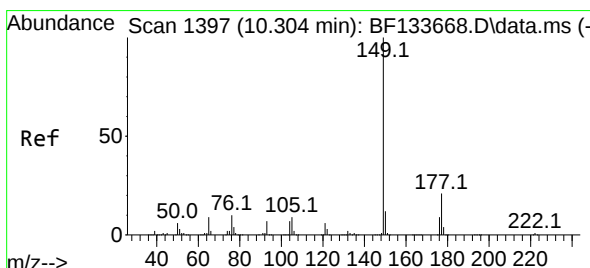
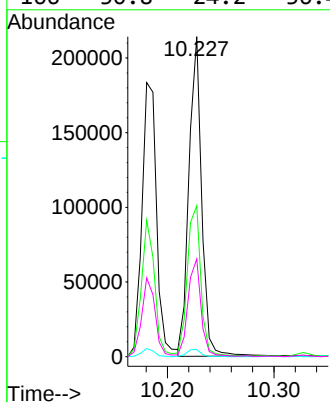
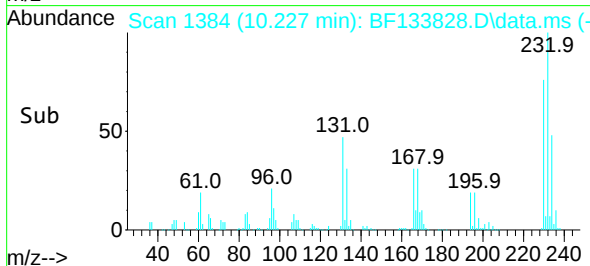


Tgt Ion:232 Resp: 177758
Ion Ratio Lower Upper
232 100
131 50.3 38.0 57.0
130 2.5 1.8 2.8
166 30.8 24.2 36.4

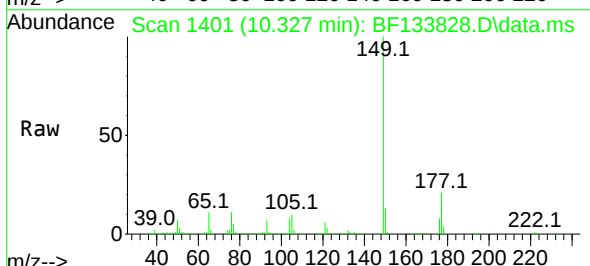
Manual Integrations

APPROVED

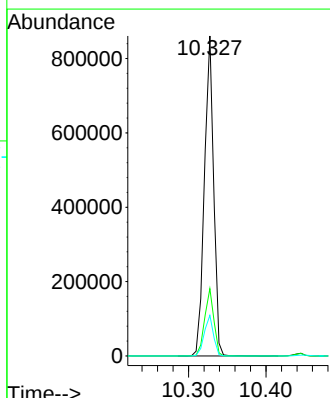
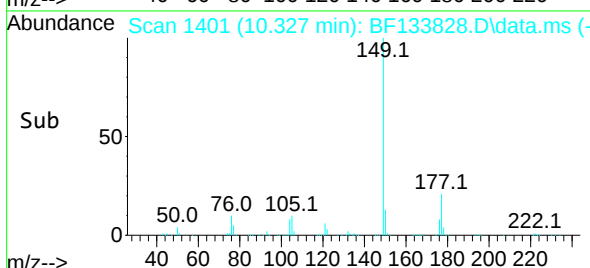
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

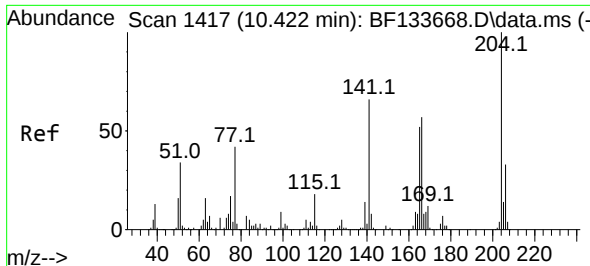


#60
Diethylphthalate
Concen: 41.900 ng
RT: 10.327 min Scan# 1401
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



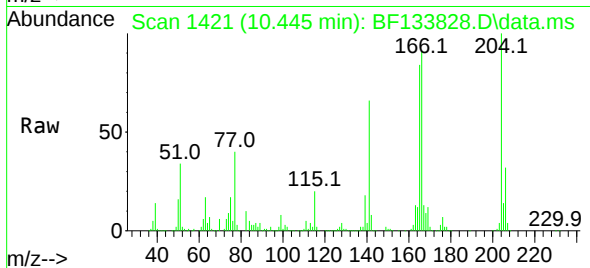
Tgt Ion:149 Resp: 713228
Ion Ratio Lower Upper
149 100
177 21.0 17.0 25.6
150 12.7 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 40.907 ng
RT: 10.445 min Scan# 1417
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

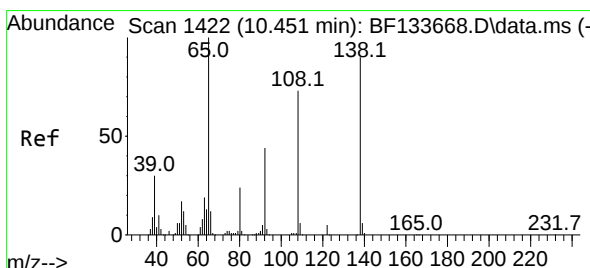
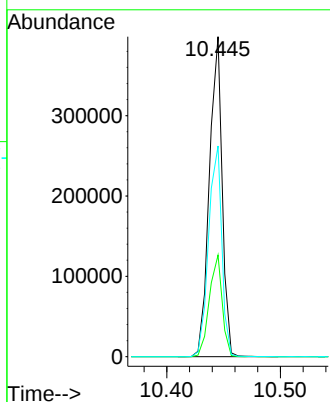
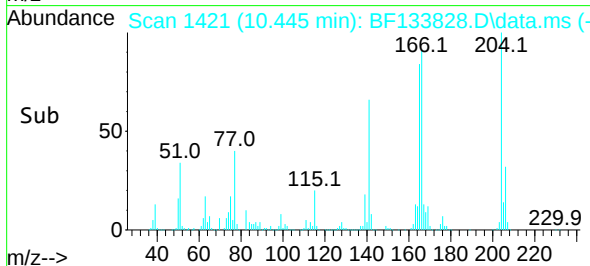
Instrument :
BNA_F
ClientSampleId :
PB153132BS



Tgt Ion:204 Resp: 311210
Ion Ratio Lower Upper
204 100
206 31.7 26.4 39.6
141 65.9 52.8 79.2

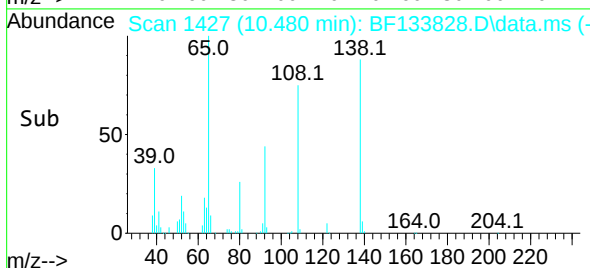
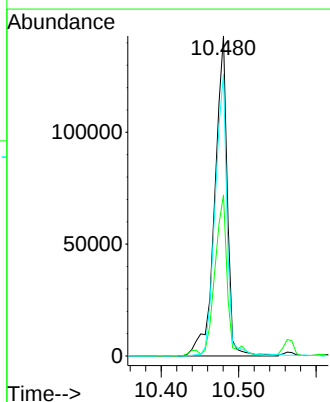
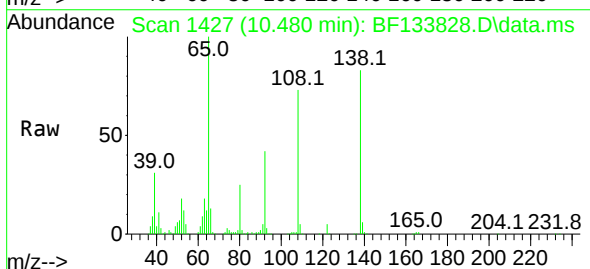
Manual Integrations
APPROVED

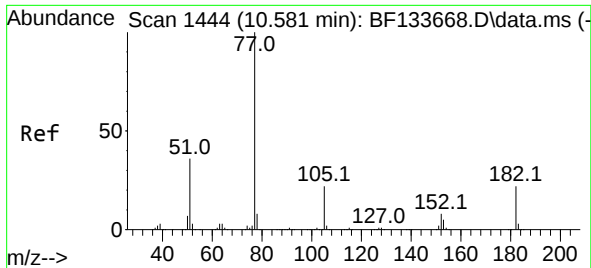
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#62
4-Nitroaniline
Concen: 39.069 ng
RT: 10.480 min Scan# 1427
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

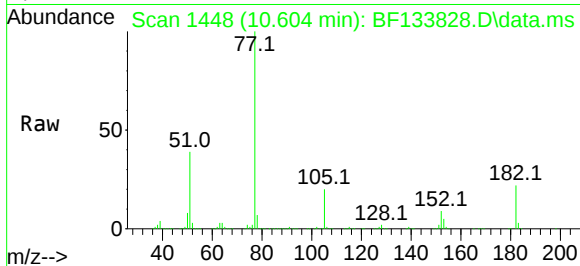
Tgt Ion:138 Resp: 160929
Ion Ratio Lower Upper
138 100
92 50.3 28.9 68.9
108 88.0 61.0 101.0





#63
Azobenzene
Concen: 41.693 ng
RT: 10.604 min Scan# 1444
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

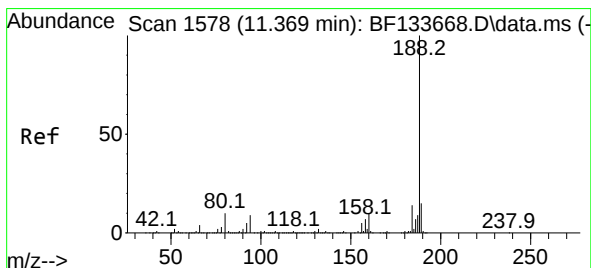
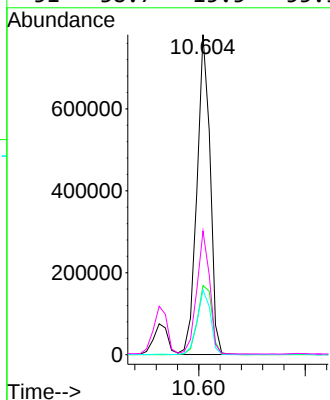
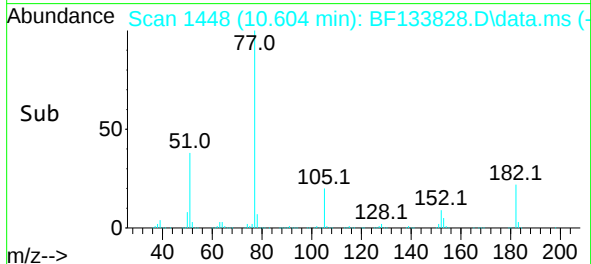
Instrument :
BNA_F
ClientSampleId :
PB153132BS



Tgt Ion: 77 Resp: 67185
Ion Ratio Lower Upper
77 100
182 21.6 1.6 41.6
105 20.2 1.6 41.6
51 38.7 15.5 55.5

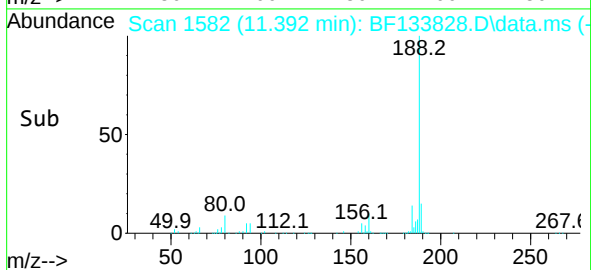
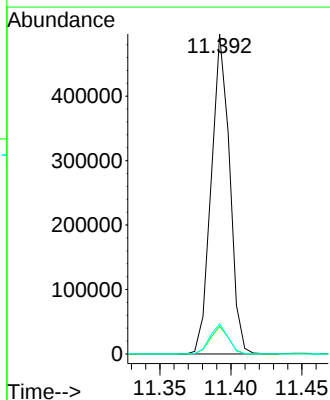
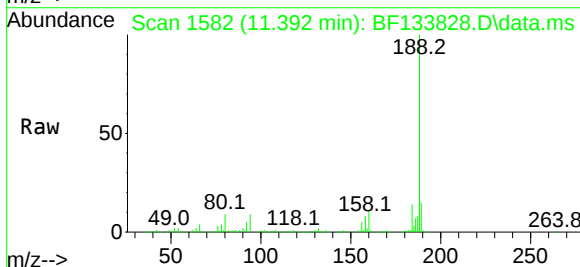
Manual Integrations
APPROVED

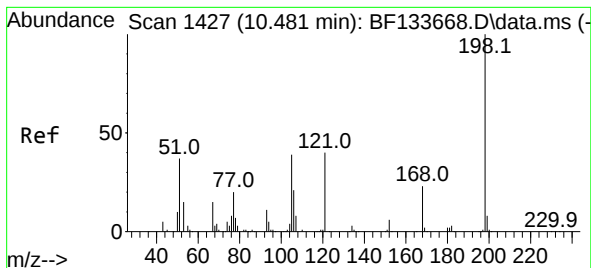
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1582
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:188 Resp: 445826
Ion Ratio Lower Upper
188 100
94 8.7 6.8 10.2
80 9.4 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 52.729 ng
RT: 10.504 min Scan# 1441
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

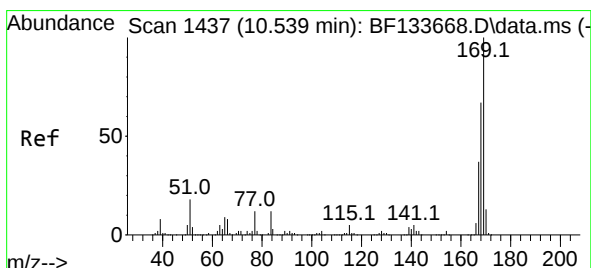
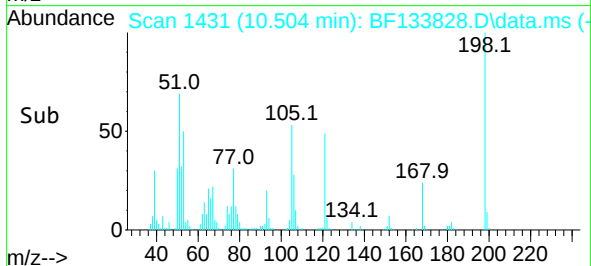
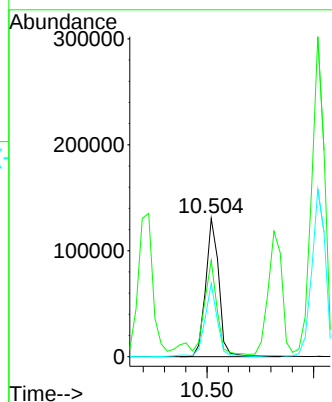
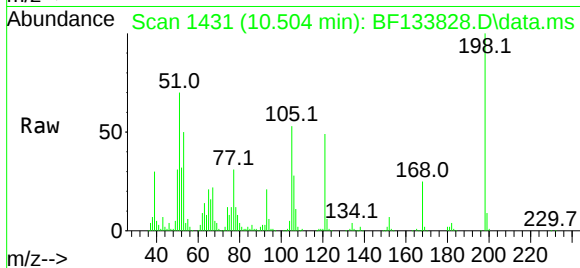
PB153132BS

Tgt Ion:198 Resp: 11233
Ion Ratio Lower Upper
198 100
51 69.6 27.5 67.5
105 53.0 21.0 61.0

Manual Integrations

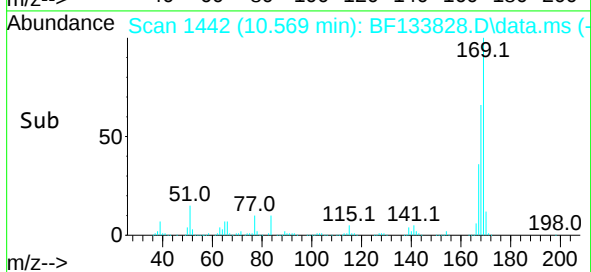
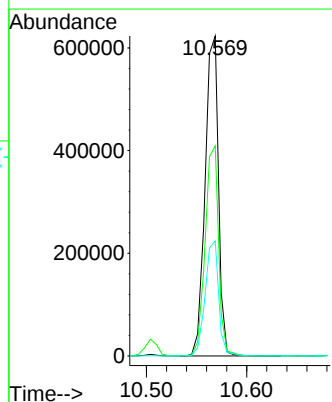
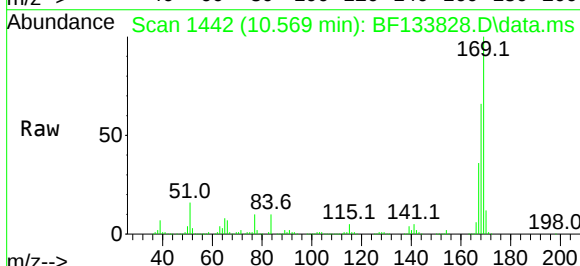
APPROVED

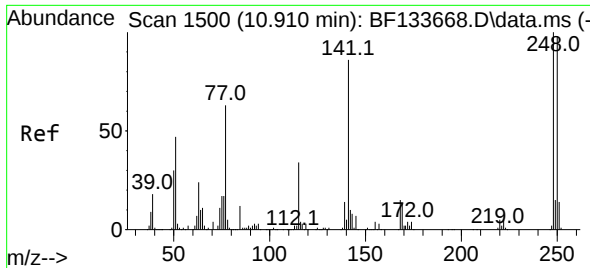
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#66
n-Nitrosodiphenylamine
Concen: 38.777 ng
RT: 10.569 min Scan# 1442
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:169 Resp: 580704
Ion Ratio Lower Upper
169 100
168 65.7 53.7 80.5
167 35.9 29.8 44.8





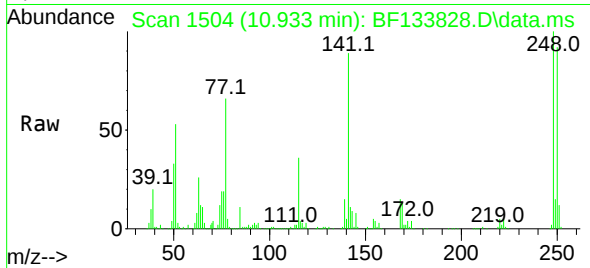
#67
4-Bromophenyl-phenylether
Concen: 39.585 ng
RT: 10.933 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

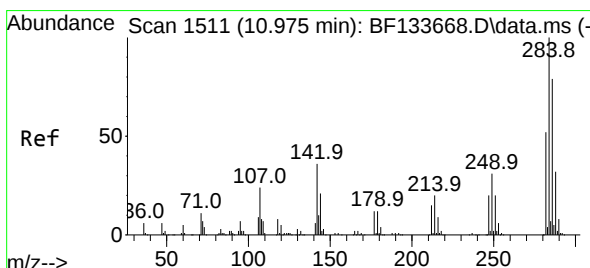
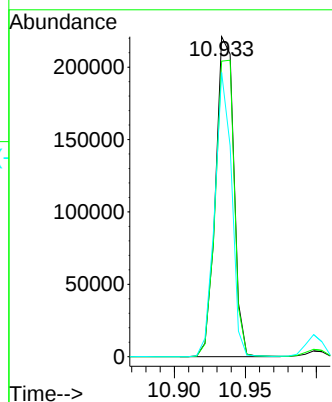
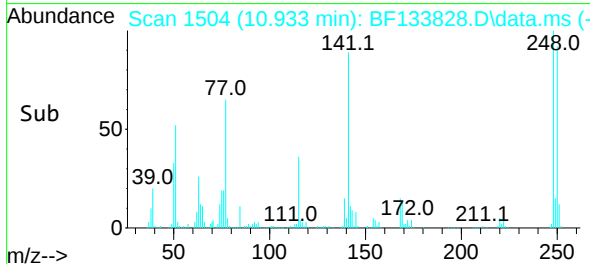


Tgt Ion:248 Resp: 196979
Ion Ratio Lower Upper
248 100
250 92.3 78.3 117.5
141 88.8 69.0 103.6

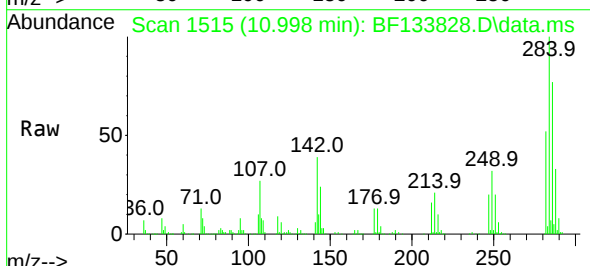
Manual Integrations

APPROVED

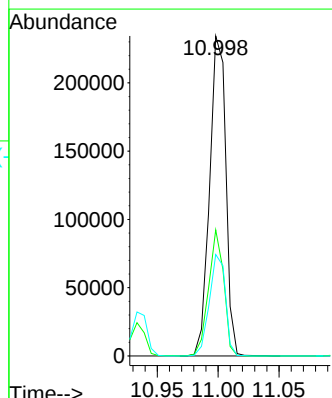
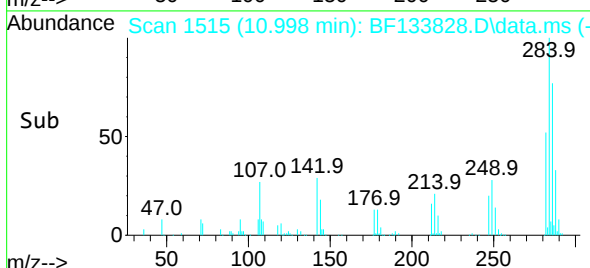
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

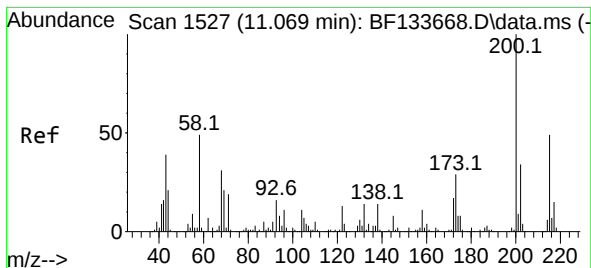


#68
Hexachlorobenzene
Concen: 41.400 ng
RT: 10.998 min Scan# 1515
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:284 Resp: 216631
Ion Ratio Lower Upper
284 100
142 39.4 28.6 42.8
249 31.7 24.6 36.8





#69

Atrazine

Concen: 43.286 ng

RT: 11.098 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion:200 Resp: 18808

Ion Ratio Lower Upper

200 100

173 25.3 8.7 48.7

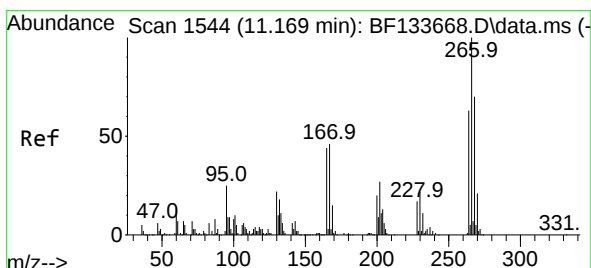
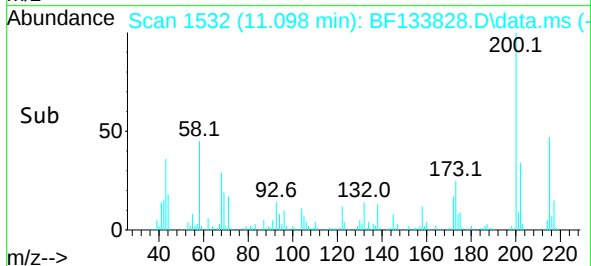
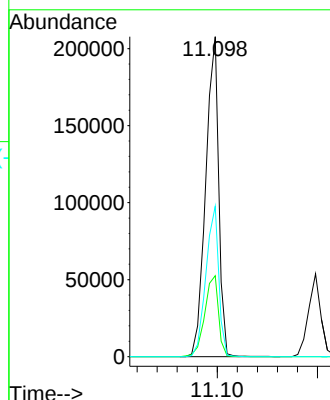
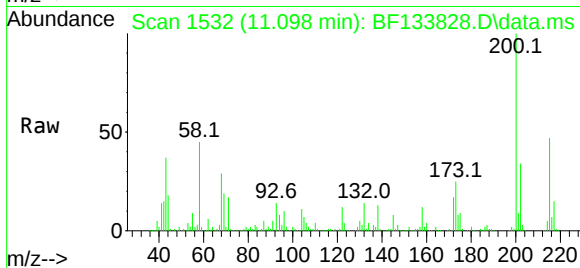
215 47.0 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#70

Pentachlorophenol

Concen: 76.640 ng

RT: 11.198 min Scan# 1549

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

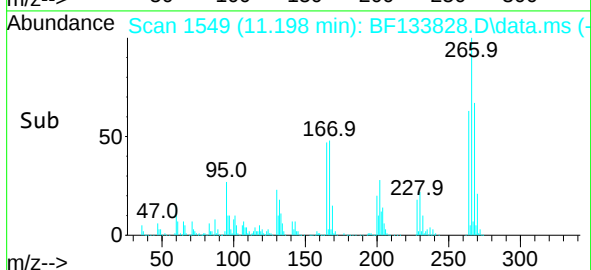
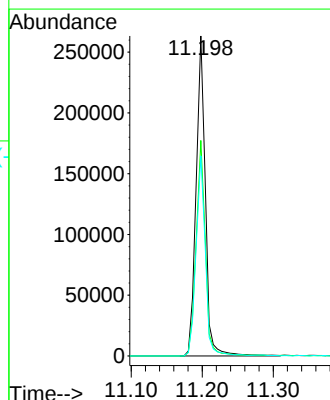
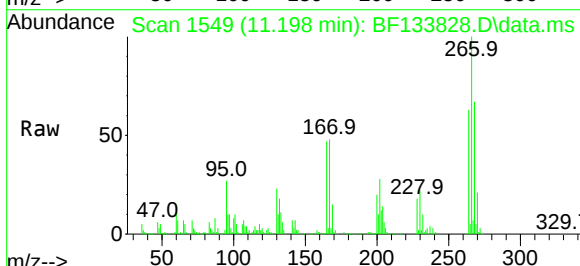
Tgt Ion:266 Resp: 240141

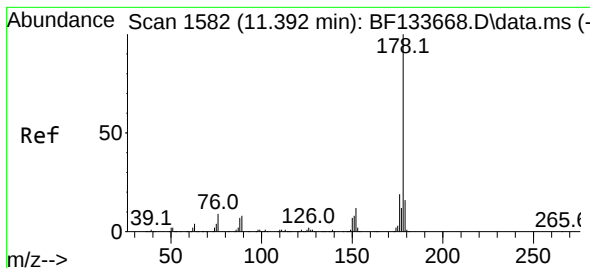
Ion Ratio Lower Upper

266 100

268 67.3 55.7 83.5

264 62.6 50.7 76.1





#71

Phenanthrene

Concen: 40.835 ng

RT: 11.422 min Scan# 1587

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

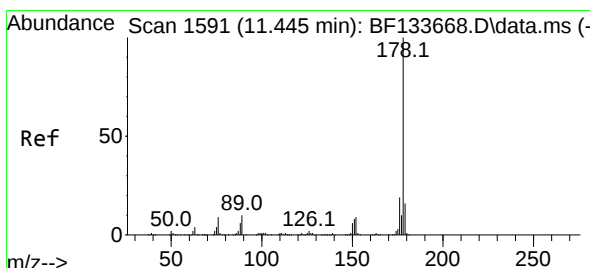
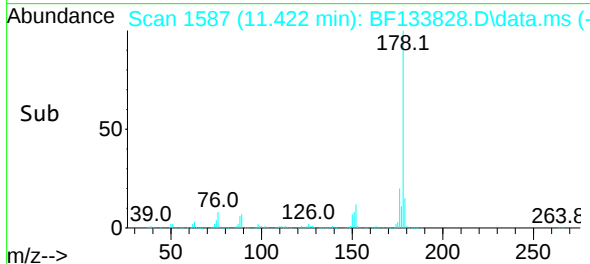
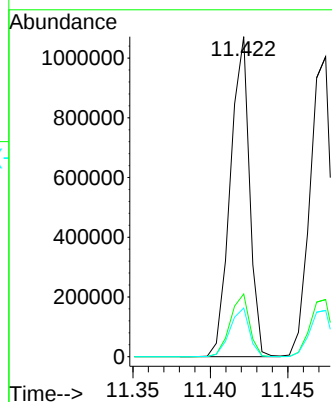
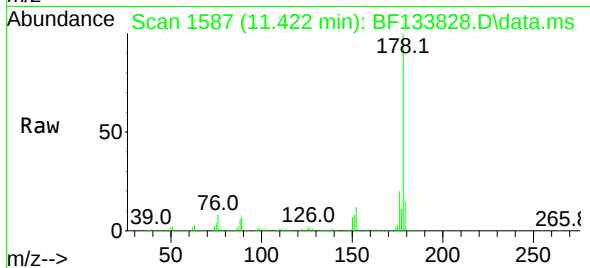
PB153132BS

Tgt Ion:178 Resp: 923652
 Ion Ratio Lower Upper
 178 100
 176 19.6 15.6 23.4
 179 15.2 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023



#72

Anthracene

Concen: 39.978 ng

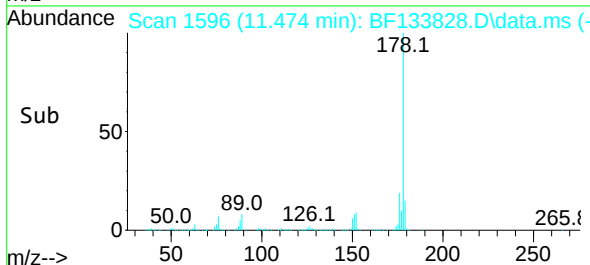
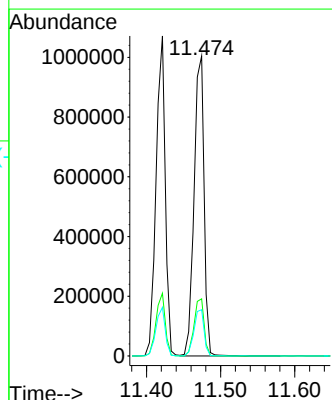
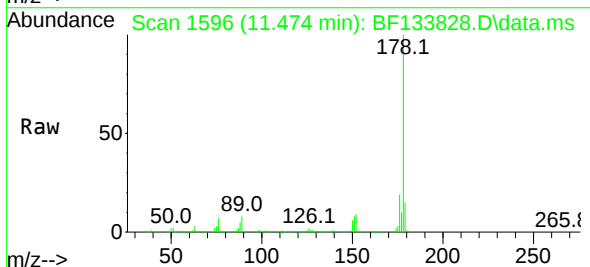
RT: 11.474 min Scan# 1596

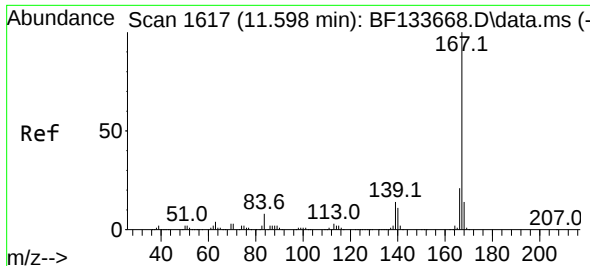
Delta R.T. 0.006 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

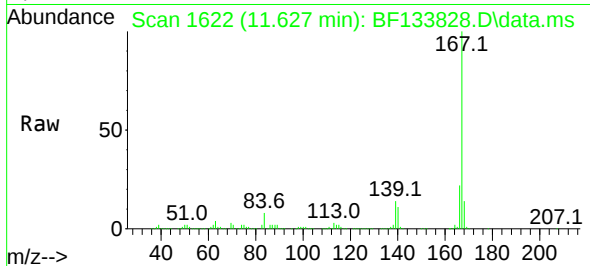
Tgt Ion:178 Resp: 942854
 Ion Ratio Lower Upper
 178 100
 176 19.0 15.1 22.7
 179 15.4 12.6 18.8





#73
Carbazole
Concen: 39.572 ng
RT: 11.627 min Scan# 1622
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

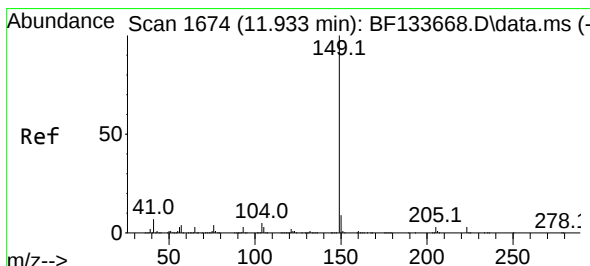
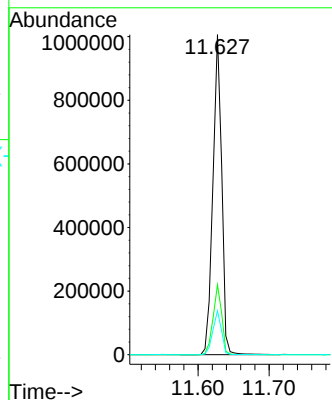
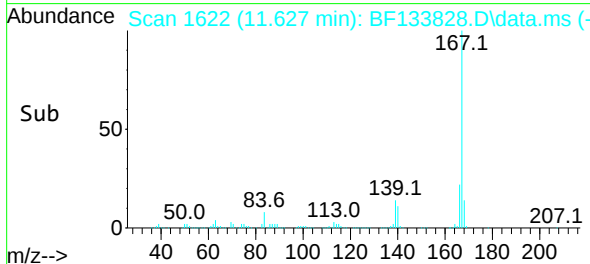
Instrument :
BNA_F
ClientSampleId :
PB153132BS



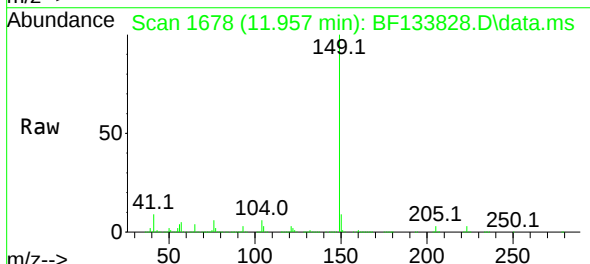
Tgt Ion:167 Resp: 869227
Ion Ratio Lower Upper
167 100
166 21.9 17.0 25.6
139 13.7 11.2 16.8

Manual Integrations
APPROVED

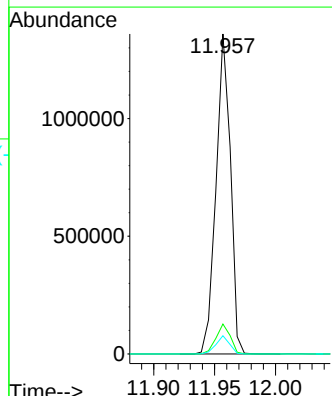
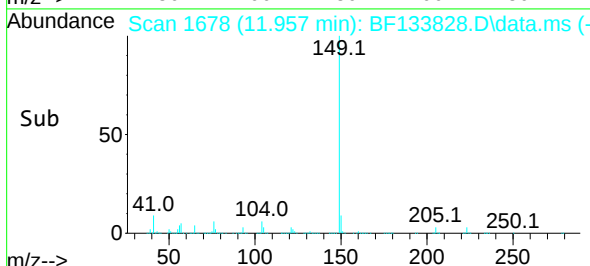
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023

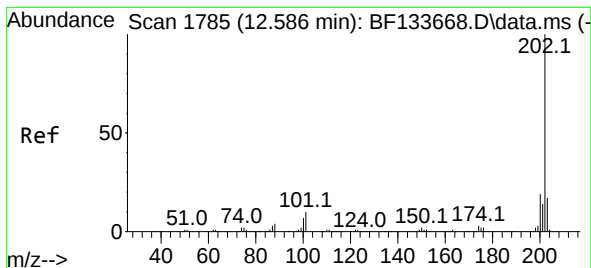


#74
Di-n-butylphthalate
Concen: 39.578 ng
RT: 11.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57



Tgt Ion:149 Resp: 1114531
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.0
104 5.7 3.8 5.8





#75

Fluoranthene

Concen: 40.012 ng

RT: 12.616 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF133828.D

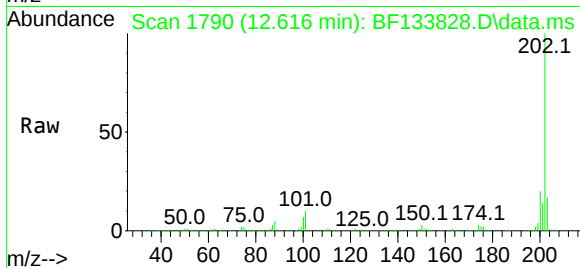
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS



Tgt Ion:202 Resp: 961078

Ion Ratio Lower Upper

202 100

101 9.5 0.0 29.6

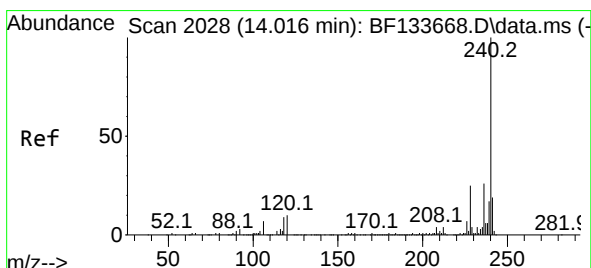
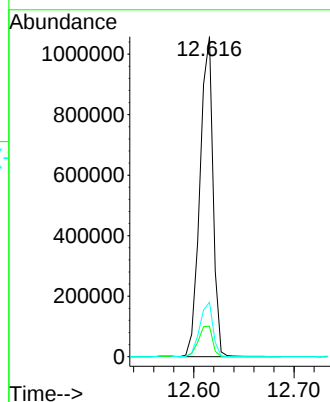
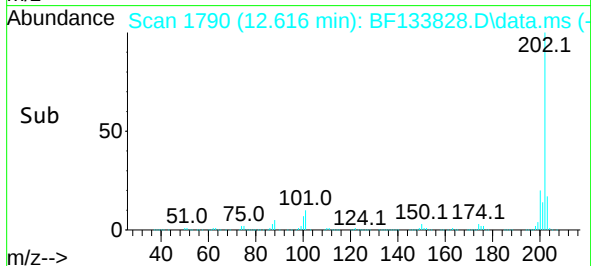
203 17.0 0.0 37.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2034

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

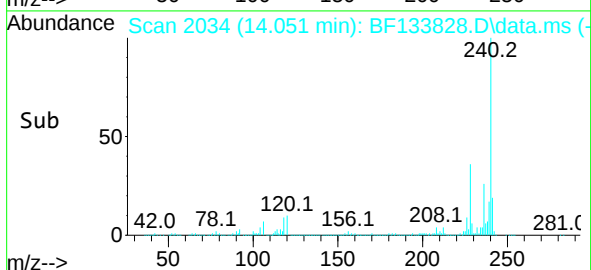
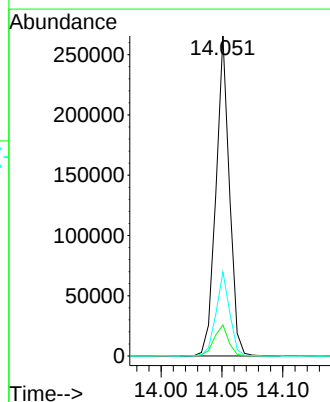
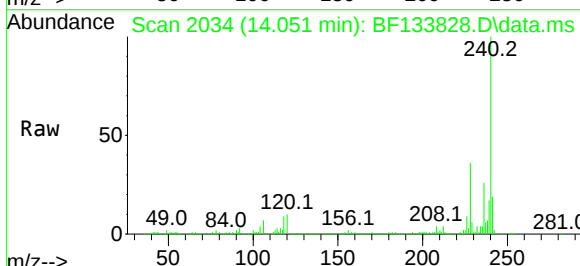
Tgt Ion:240 Resp: 204224

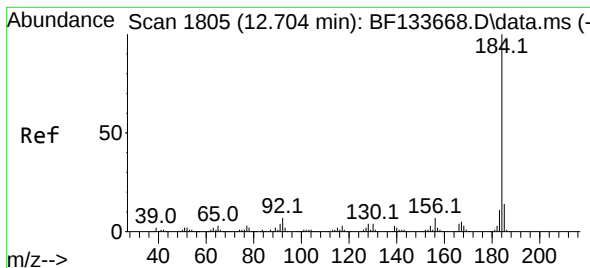
Ion Ratio Lower Upper

240 100

120 9.7 8.1 12.1

236 26.3 20.5 30.7





#77

Benzidine

Concen: 28.559 ng

RT: 12.733 min Scan# 1810

Delta R.T. -0.006 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion:184 Resp: 19571

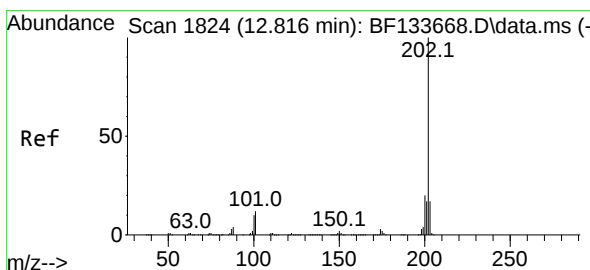
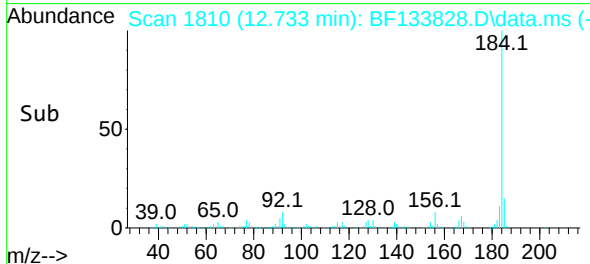
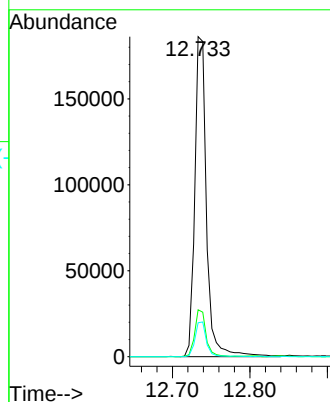
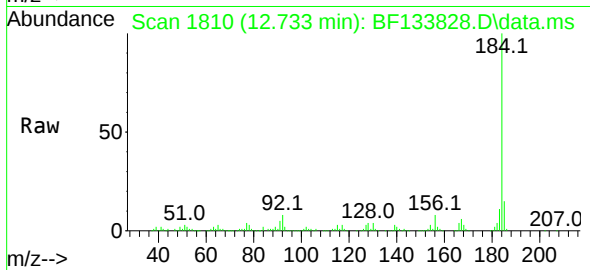
Ion	Ratio	Lower	Upper
184	100		
185	14.7	11.6	17.4
183	10.6	8.4	12.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#78

Pyrene

Concen: 49.908 ng

RT: 12.845 min Scan# 1829

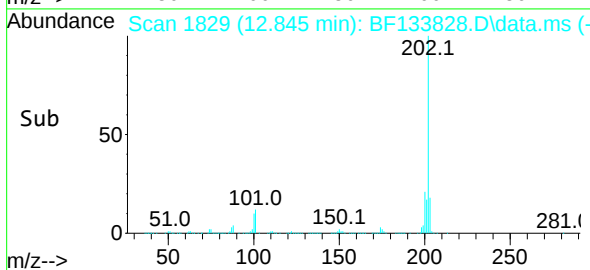
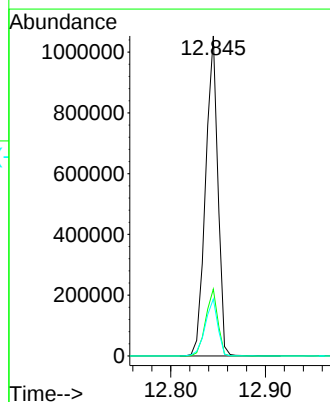
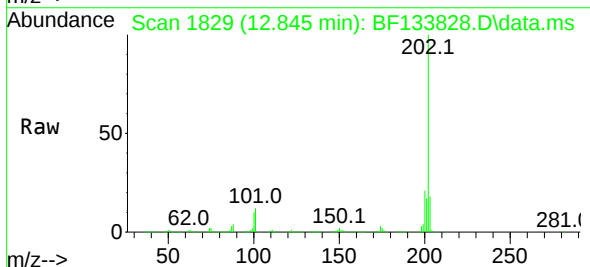
Delta R.T. -0.000 min

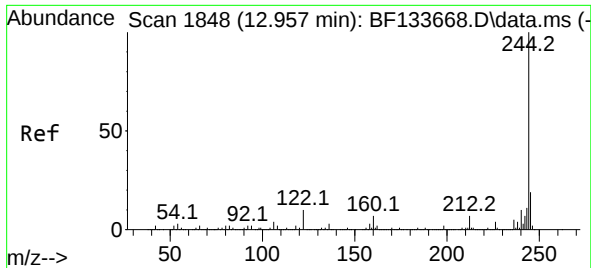
Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Tgt Ion:202 Resp: 949460

Ion	Ratio	Lower	Upper
202	100		
200	20.9	16.2	24.2
203	17.8	13.9	20.9





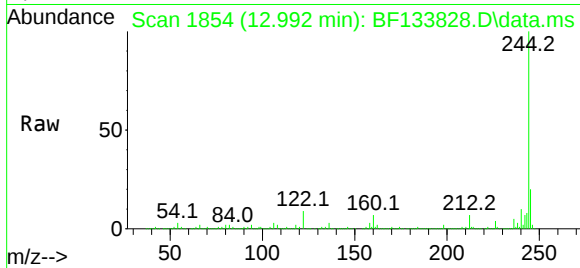
#79
 Terphenyl-d14
 Concen: 99.172 ng
 RT: 12.992 min Scan# 1854
 Delta R.T. 0.006 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

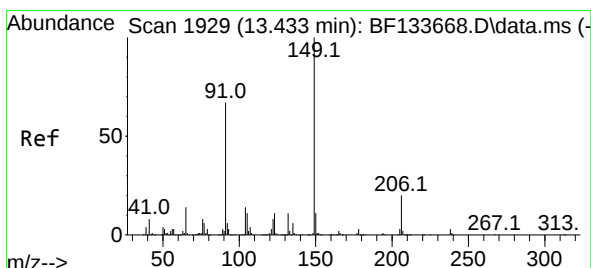
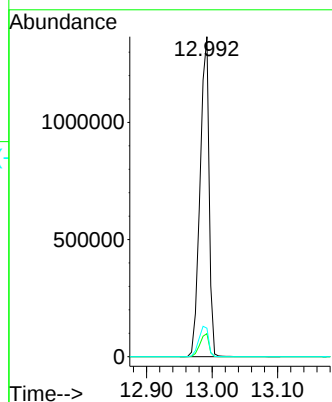
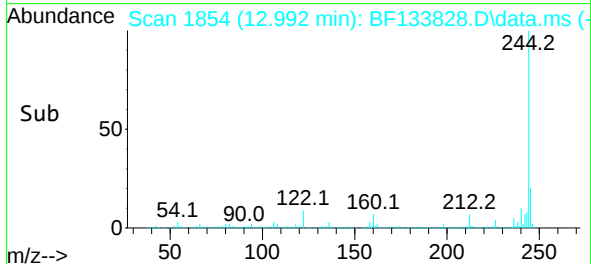


Tgt Ion:244 Resp: 130891
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.4 8.2
 122 8.9 8.1 12.1

Manual Integrations

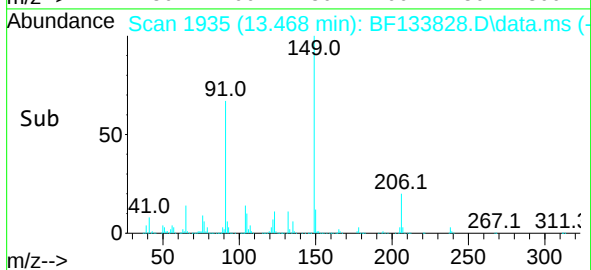
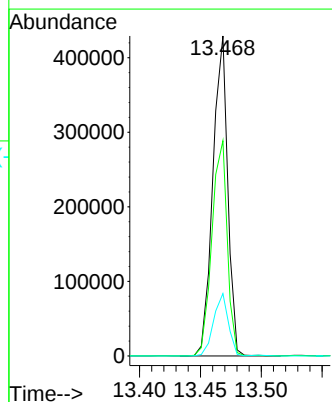
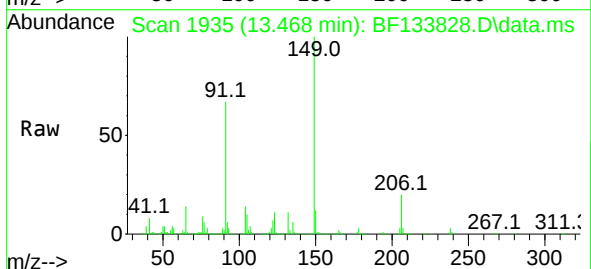
APPROVED

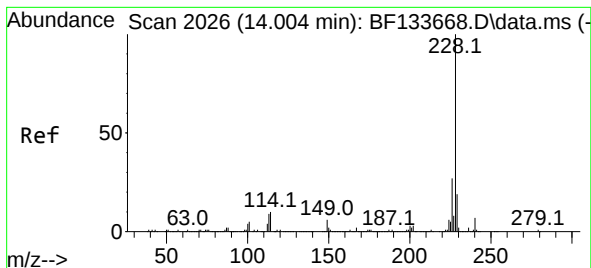
Reviewed By :Yogesh Patel 06/20/2023
 Supervised By :mohammad ahmed 06/20/2023



#80
 Butylbenzylphthalate
 Concen: 45.340 ng
 RT: 13.468 min Scan# 1935
 Delta R.T. -0.000 min
 Lab File: BF133828.D
 Acq: 19 Jun 2023 11:57

Tgt Ion:149 Resp: 364146
 Ion Ratio Lower Upper
 149 100
 91 67.3 54.0 81.0
 206 19.5 15.6 23.4





#81

Benzo(a)anthracene

Concen: 42.143 ng

RT: 14.039 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion:228 Resp: 59532

Ion Ratio Lower Upper

228 100

226 27.8 21.7 32.5

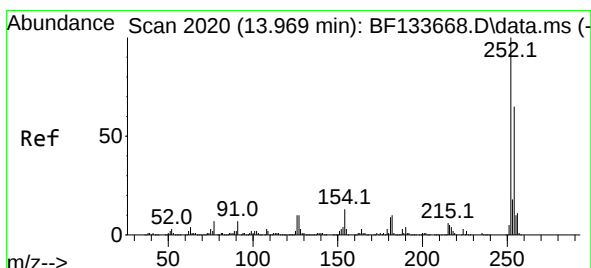
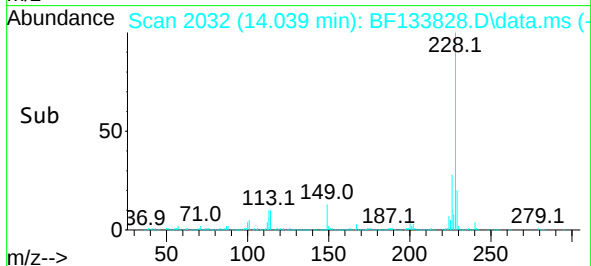
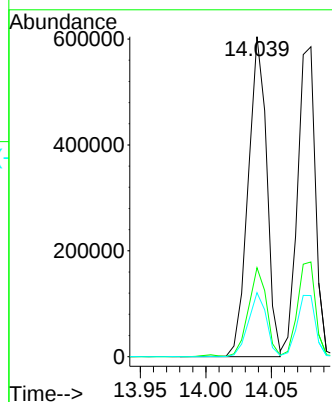
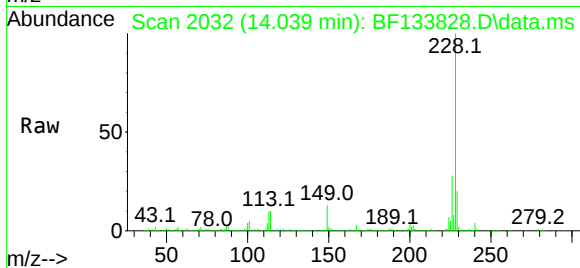
229 20.0 15.4 23.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#82

3,3'-Dichlorobenzidine

Concen: 28.617 ng

RT: 14.004 min Scan# 2026

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

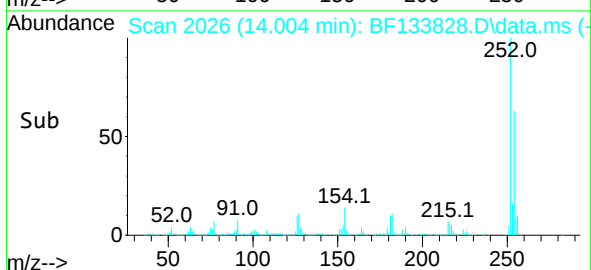
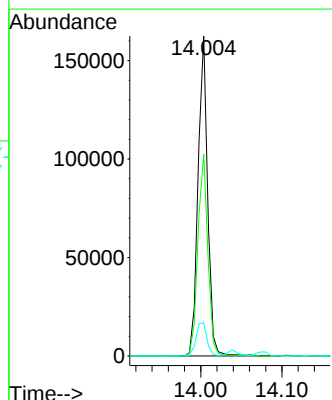
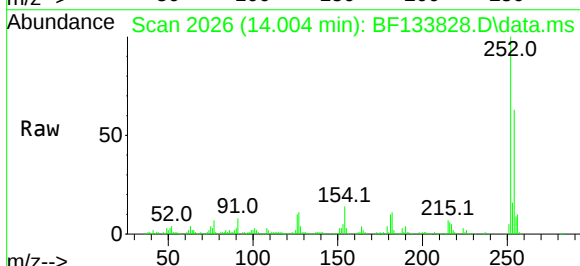
Tgt Ion:252 Resp: 134396

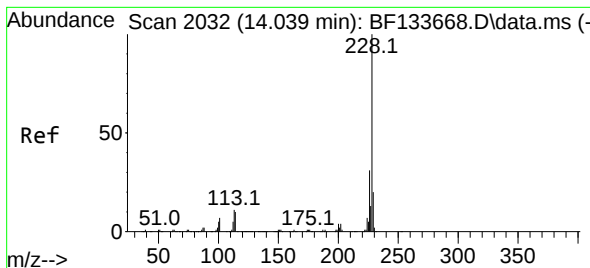
Ion Ratio Lower Upper

252 100

254 63.0 51.9 77.9

126 10.4 7.7 11.5





#83

Chrysene

Concen: 41.663 ng

RT: 14.080 min Scan# 2039

Delta R.T. -0.000 min

Lab File: BF133828.D

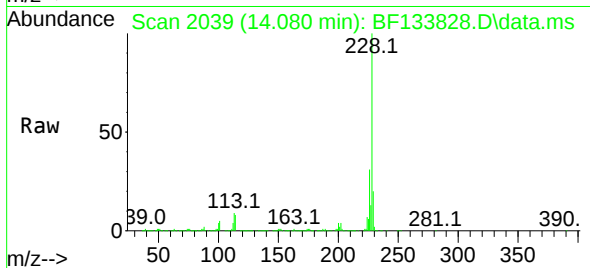
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS



Tgt Ion:228 Resp: 556650

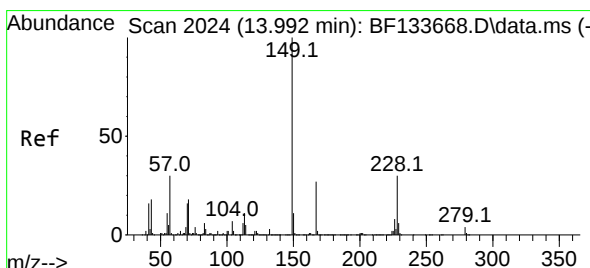
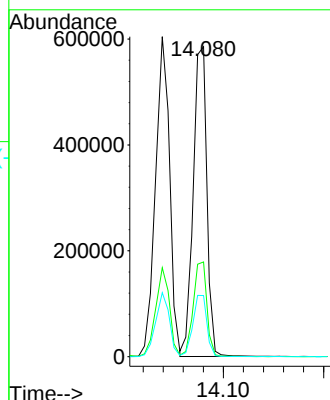
Ion	Ratio	Lower	Upper
228	100		
226	30.5	25.0	37.6
229	19.7	15.8	23.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.685 ng

RT: 14.027 min Scan# 2030

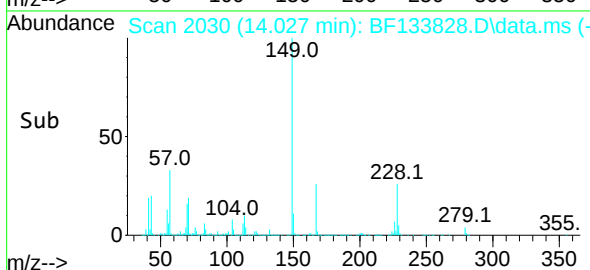
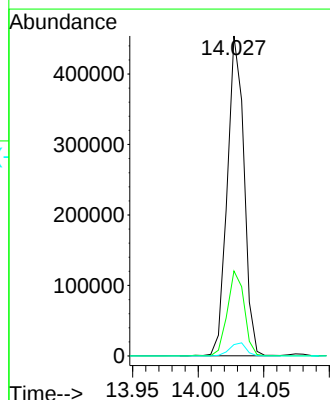
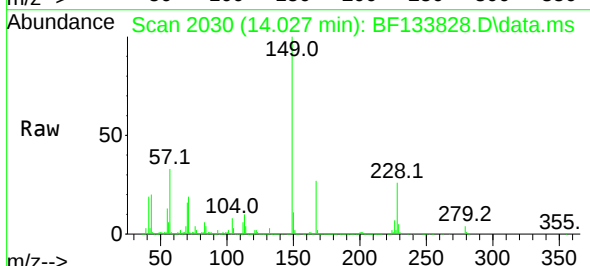
Delta R.T. -0.000 min

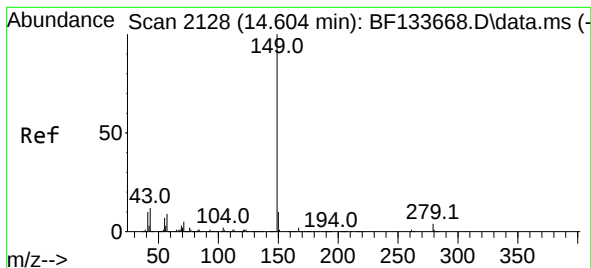
Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Tgt Ion:149 Resp: 402335

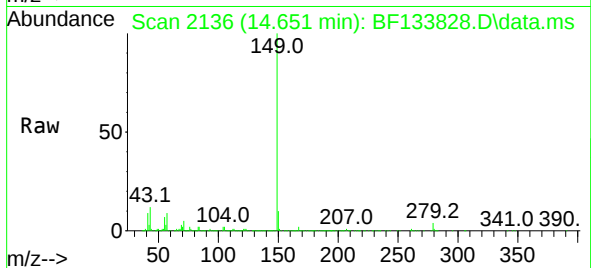
Ion	Ratio	Lower	Upper
149	100		
167	26.6	21.8	32.8
279	3.5	3.3	4.9





#85
Di-n-octyl phthalate
Concen: 40.245 ng
RT: 14.651 min Scan# 2128
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

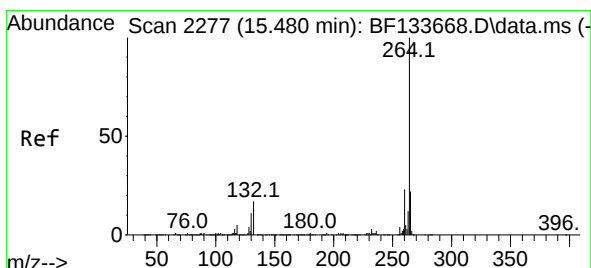
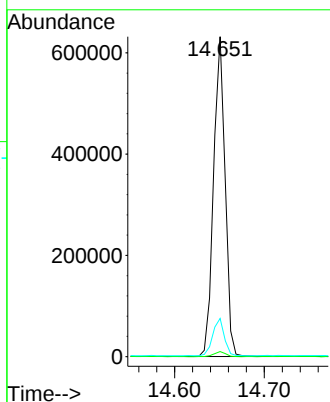
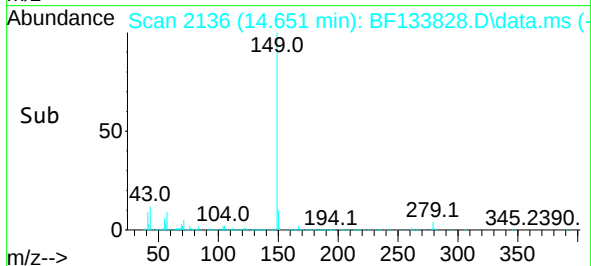
Instrument :
BNA_F
ClientSampleId :
PB153132BS



Tgt Ion:149 Resp: 565548
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.7 8.7 13.1

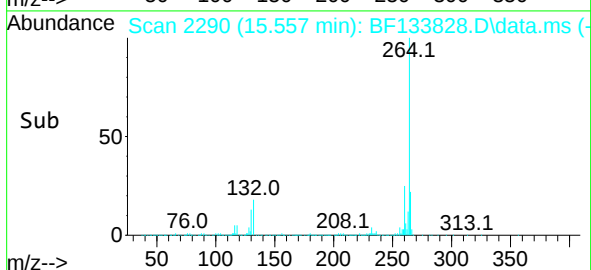
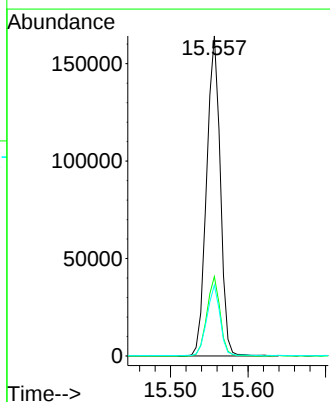
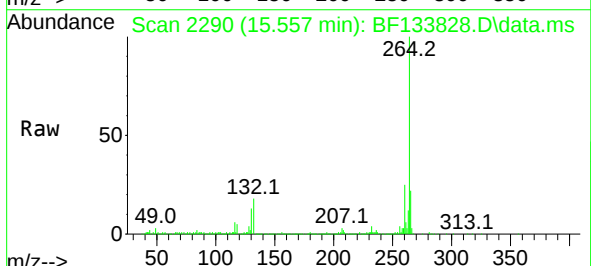
Manual Integrations
APPROVED

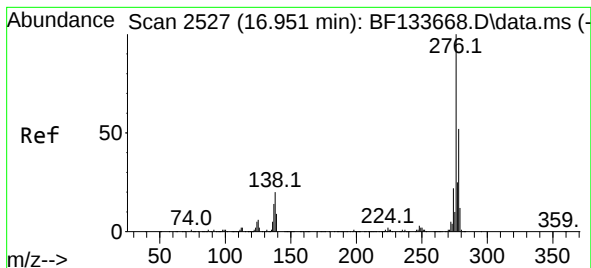
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2290
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:264 Resp: 201518
Ion Ratio Lower Upper
264 100
260 24.8 18.2 27.2
265 22.2 17.8 26.6





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.565 ng

RT: 17.109 min Scan# 2114

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

PB153132BS

Tgt Ion:276 Resp: 701030

Ion Ratio Lower Upper

276 100

138 22.8 17.9 26.9

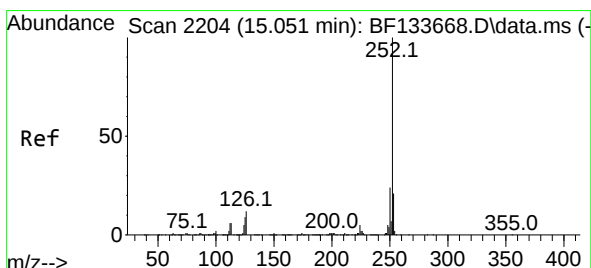
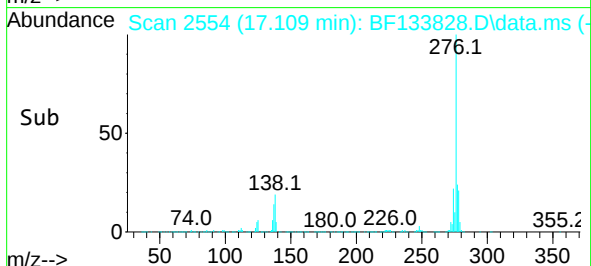
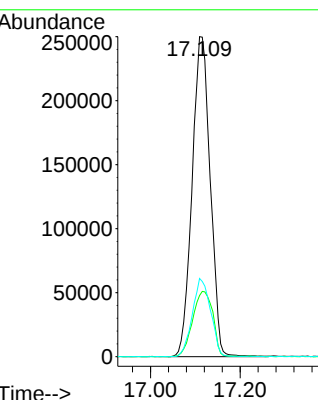
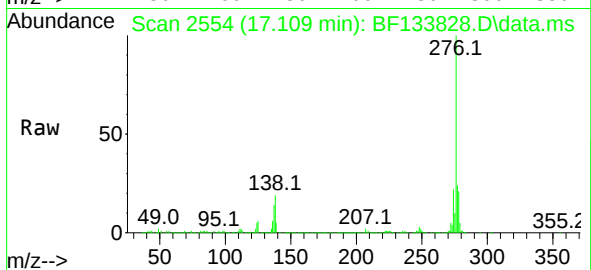
277 24.7 20.3 30.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/20/2023

Supervised By :mohammad ahmed 06/20/2023



#88

Benzo(b)fluoranthene

Concen: 42.353 ng

RT: 15.110 min Scan# 2214

Delta R.T. -0.000 min

Lab File: BF133828.D

Acq: 19 Jun 2023 11:57

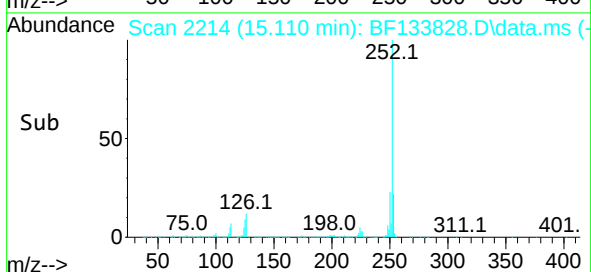
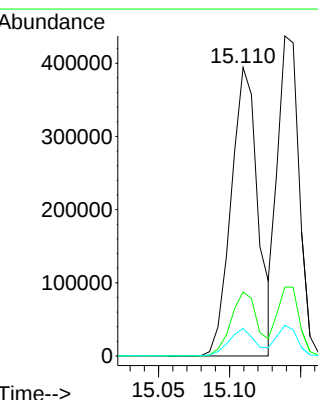
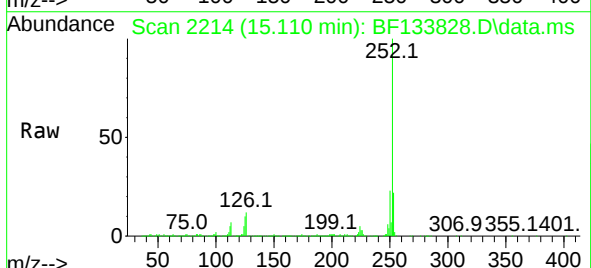
Tgt Ion:252 Resp: 518454

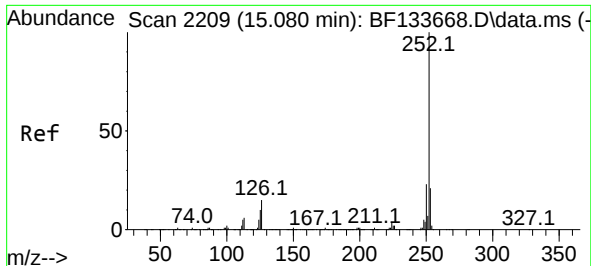
Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.6

125 9.5 7.3 10.9





#89
Benzo(k)fluoranthene
Concen: 39.046 ng
RT: 15.139 min Scan# 2119
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :

BNA_F

ClientSampleId :

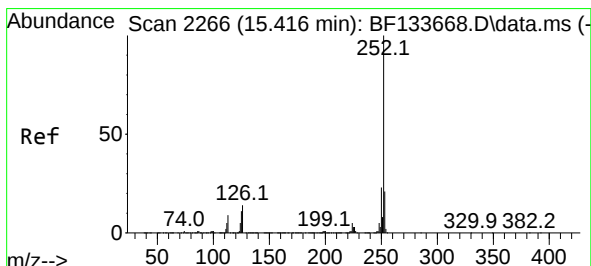
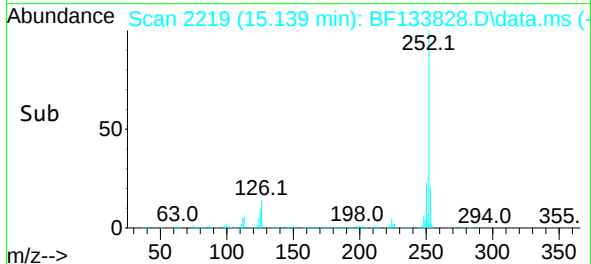
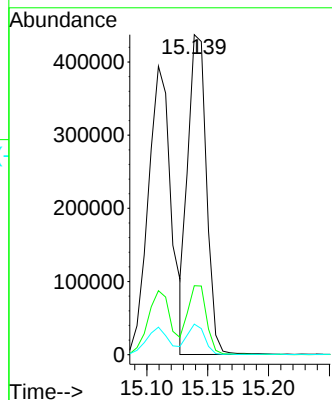
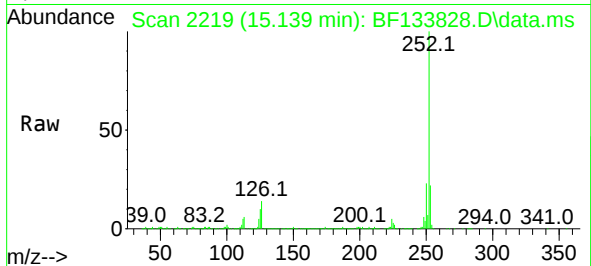
PB153132BS

Tgt Ion:252 Resp: 465608
Ion Ratio Lower Upper
252 100
253 21.5 17.0 25.4
125 9.6 7.8 11.6

Manual Integrations

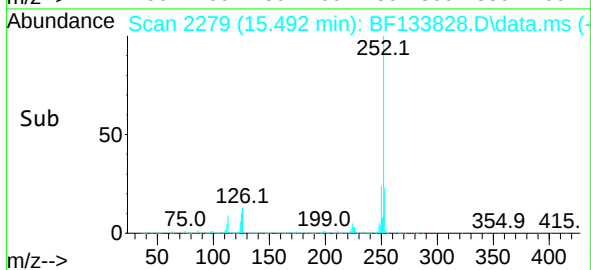
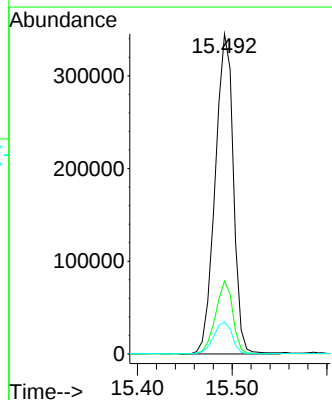
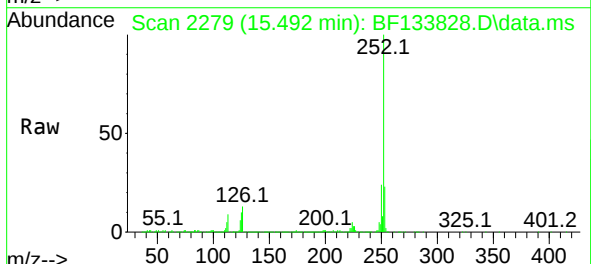
APPROVED

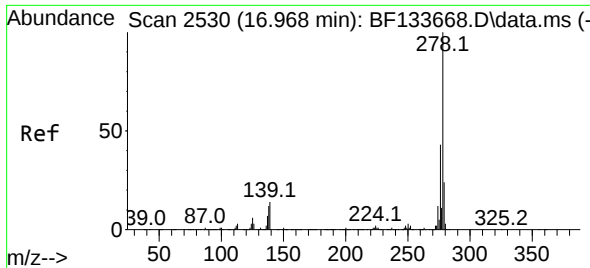
Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#90
Benzo(a)pyrene
Concen: 40.560 ng
RT: 15.492 min Scan# 2279
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:252 Resp: 460802
Ion Ratio Lower Upper
252 100
253 22.8 17.1 25.7
125 10.0 8.6 13.0





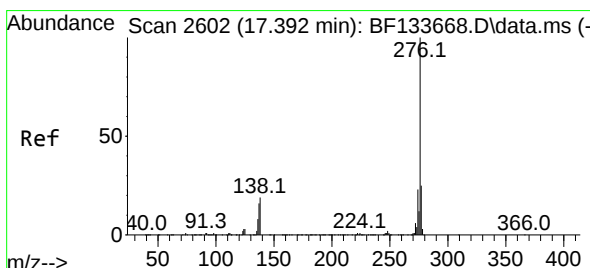
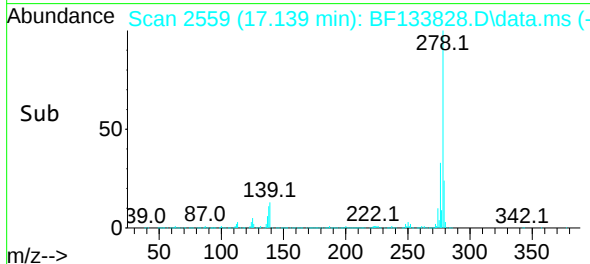
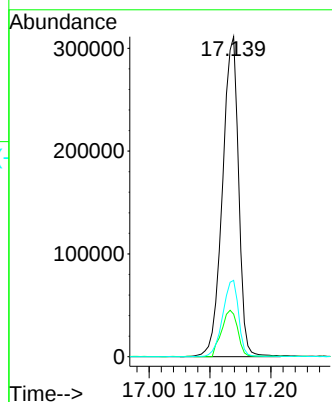
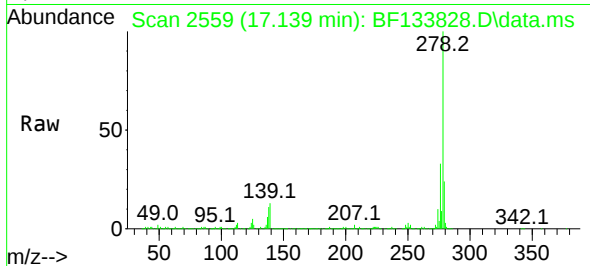
#91
Dibenzo(a,h)anthracene
Concen: 49.938 ng
RT: 17.139 min Scan# 2635
Delta R.T. 0.006 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Instrument :
BNA_F
ClientSampleId :
PB153132BS

Tgt Ion:278 Resp: 57318
Ion Ratio Lower Upper
278 100
139 13.3 11.4 17.2
279 23.8 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/20/2023
Supervised By :mohammad ahmed 06/20/2023



#92
Benzo(g,h,i)perylene
Concen: 49.988 ng
RT: 17.586 min Scan# 2635
Delta R.T. -0.000 min
Lab File: BF133828.D
Acq: 19 Jun 2023 11:57

Tgt Ion:276 Resp: 568861
Ion Ratio Lower Upper
276 100
277 24.1 19.8 29.8
138 20.0 15.0 22.4

