

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133725.D
 Acq On : 13 Jun 2023 12:05
 Operator : CG\JU
 Sample : 03047-02MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32BMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

Quant Time: Jun 13 12:39:27 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060923.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 13 11:26:55 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	87761	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	333257	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	149569	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	233053	20.000	ng	0.00
76) Chrysene-d12	14.010	240	161968	20.000	ng	0.00
86) Perylene-d12	15.474	264	197092	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.452	112	407316	80.799	ng	0.00
7) Phenol-d6	6.469	99	491871	74.959	ng	0.00
23) Nitrobenzene-d5	7.398	82	338898	55.389	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	122648	64.781	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	590400	56.112	ng	0.00
79) Terphenyl-d14	12.951	244	423139	40.424	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	81394	36.726	ng	95
3) Pyridine	3.363	79	209003	32.355	ng	95
4) n-Nitrosodimethylamine	3.322	42	156935	43.950	ng	92
6) Aniline	6.493	93	287334	34.766	ng	98
8) 2-Chlorophenol	6.616	128	235474	44.324	ng	99
9) Benzaldehyde	6.381	77	141831	32.579	ng	94
10) Phenol	6.481	94	285250	41.631	ng	93
11) bis(2-Chloroethyl)ether	6.569	93	219336	43.119	ng	95
12) 1,3-Dichlorobenzene	6.775	146	257146	45.303	ng	97
13) 1,4-Dichlorobenzene	6.851	146	261382	45.561	ng	97
14) 1,2-Dichlorobenzene	7.004	146	250667	48.355	ng	98
15) Benzyl Alcohol	6.975	79	219963	42.919	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	388932	45.105	ng	99
17) 2-Methylphenol	7.087	107	189843	40.317	ng	98
18) Hexachloroethane	7.345	117	100033	50.932	ng	97
19) n-Nitroso-di-n-propyla...	7.251	70	169951	40.707	ng	99
20) 3+4-Methylphenols	7.240	107	232870	38.016	ng	93
22) Acetophenone	7.245	105	331694	43.396	ng	# 95
24) Nitrobenzene	7.416	77	263825	42.822	ng	96
25) Isophorone	7.657	82	451136	40.162	ng	100
26) 2-Nitrophenol	7.734	139	123842	44.789	ng	95
27) 2,4-Dimethylphenol	7.769	122	199313	41.822	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	262379	40.414	ng	99
29) 2,4-Dichlorophenol	7.975	162	186304	39.887	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	210254	43.145	ng	96
31) Naphthalene	8.140	128	664611	40.934	ng	100
32) Benzoic acid	7.887	122	132128	43.960	ng	94
33) 4-Chloroaniline	8.187	127	175690	25.307	ng	99
34) Hexachlorobutadiene	8.251	225	133544	41.855	ng	97
35) Caprolactam	8.563	113	53029m	33.740	ng	
36) 4-Chloro-3-methylphenol	8.669	107	204720	38.025	ng	97
37) 2-Methylnaphthalene	8.834	142	432815	38.366	ng	100
38) 1-Methylnaphthalene	8.934	142	402020	38.727	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	205173	45.123	ng	98
41) Hexachlorocyclopentadiene	8.981	237	225553	111.313	ng	97
43) 2,4,6-Trichlorophenol	9.110	196	127999	42.126	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	134428	38.028	ng	98
46) 1,1'-Biphenyl	9.298	154	536514	44.476	ng	99
47) 2-Chloronaphthalene	9.322	162	389813	45.050	ng	98
48) 2-Nitroaniline	9.416	65	126207	39.881	ng	95
49) Acenaphthylene	9.739	152	620951	41.230	ng	99
50) Dimethylphthalate	9.598	163	422822	37.873	ng	99
51) 2,6-Dinitrotoluene	9.657	165	92430	40.111	ng	# 71
52) Acenaphthene	9.910	154	359207m	40.747	ng	
53) 3-Nitroaniline	9.828	138	79697	28.420	ng	91
54) 2,4-Dinitrophenol	9.939	184	87445	77.823	ng	96
55) Dibenzofuran	10.081	168	539733	40.124	ng	95
56) 4-Nitrophenol	9.986	139	133137	70.347	ng	# 70
57) 2,4-Dinitrotoluene	10.063	165	111783	38.142	ng	97
58) Fluorene	10.428	166	406242	39.492	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.198	232	102341	38.669	ng	95
60) Diethylphthalate	10.298	149	412150	36.273	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	196785	38.750	ng	99
62) 4-Nitroaniline	10.439	138	83611	30.409	ng	89
63) Azobenzene	10.575	77	426373	39.639	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	52583	47.217	ng	# 73
66) n-Nitrosodiphenylamine	10.534	169	343408	43.868	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	111917	43.026	ng	95
68) Hexachlorobenzene	10.969	284	121811	44.532	ng	95
69) Atrazine	11.063	200	97648	42.991	ng	96
70) Pentachlorophenol	11.169	266	114112	69.668	ng	96
71) Phenanthrene	11.386	178	495424	41.900	ng	99
72) Anthracene	11.439	178	497801	40.377	ng	99
73) Carbazole	11.592	167	426017	37.101	ng	98
74) Di-n-butylphthalate	11.922	149	523220	35.544	ng	99
75) Fluoranthene	12.575	202	462846	36.862	ng	98
77) Benzidine	12.698	184	191914	35.311	ng	99
78) Pyrene	12.810	202	466047	30.889	ng	100
80) Butylbenzylphthalate	13.427	149	196743	30.888	ng	99
81) Benzo(a)anthracene	13.998	228	455102	40.622	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	147334	39.556	ng	99
83) Chrysene	14.033	228	429517	40.534	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	274969	35.060	ng	98
85) Di-n-octyl phthalate	14.604	149	534382	47.948	ng	98
87) Indeno(1,2,3-cd)pyrene	16.945	276	546135	40.277	ng	99
88) Benzo(b)fluoranthene	15.051	252	514824	43.001	ng	99
89) Benzo(k)fluoranthene	15.080	252	466775	40.023	ng	97
90) Benzo(a)pyrene	15.416	252	444344	39.990	ng	98
91) Dibenzo(a,h)anthracene	16.963	278	459033	40.891	ng	99
92) Benzo(g,h,i)perylene	17.392	276	412378	37.051	ng	98

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

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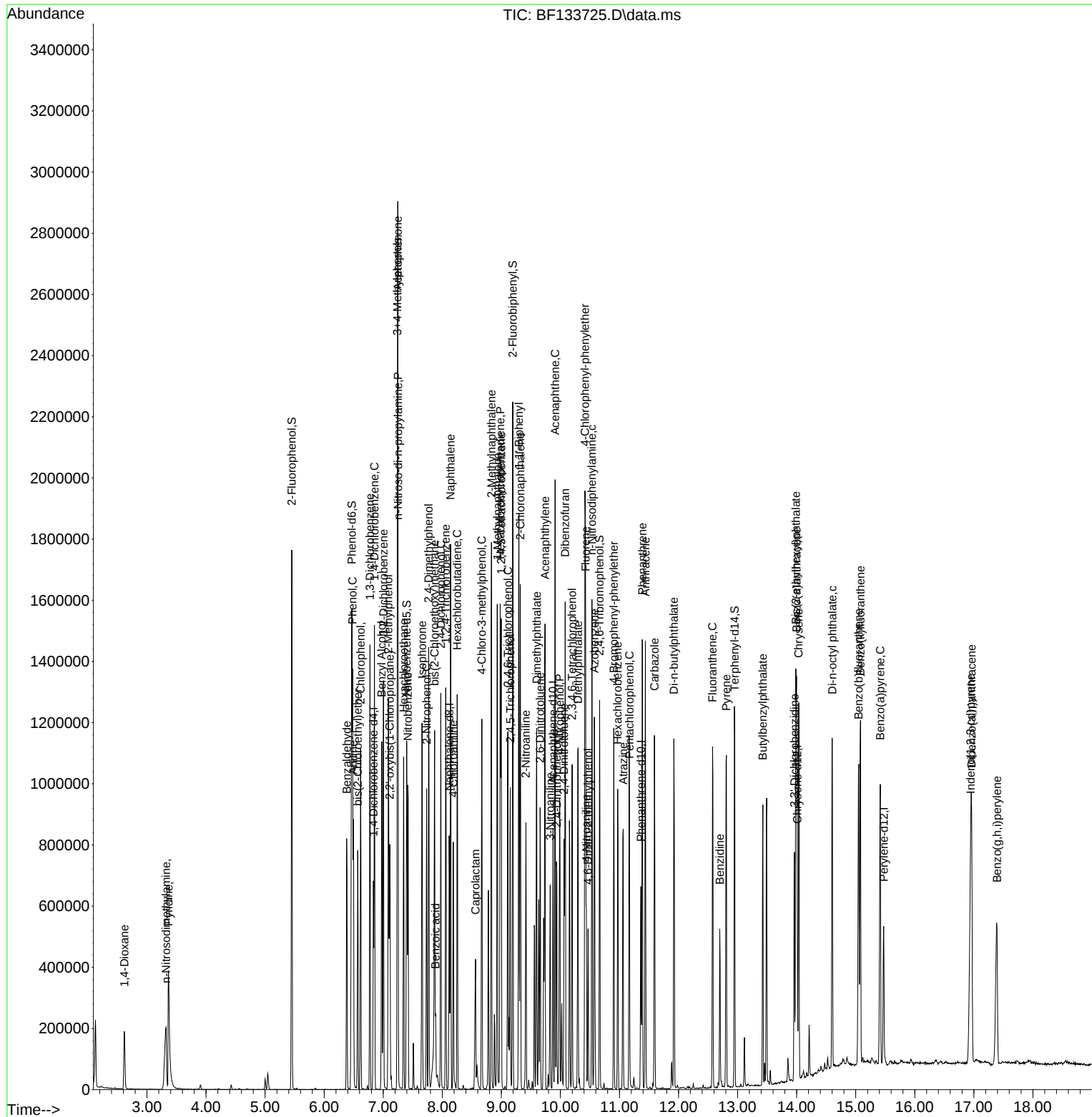
Quant Time: Jun 13 12:39:27 2023

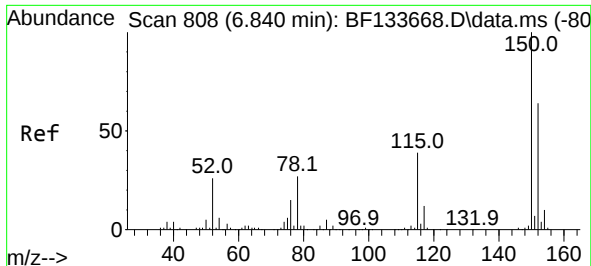
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QLast Update : Tue Jun 13 11:26:55 2023

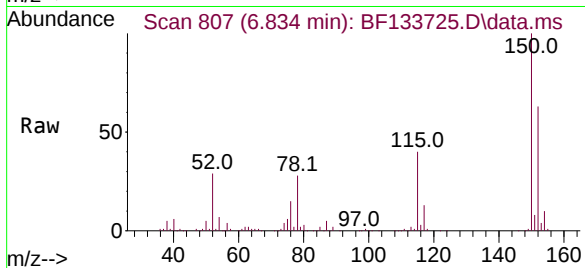
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 80
Delta R.T. -0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

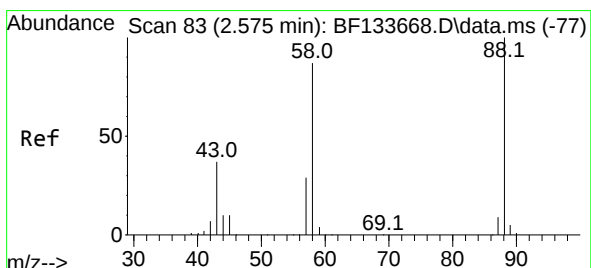
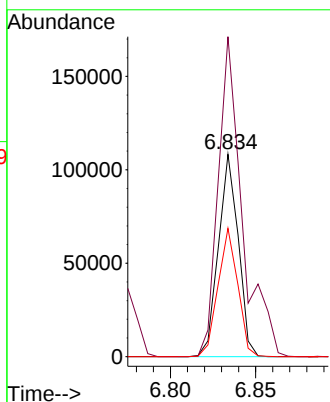
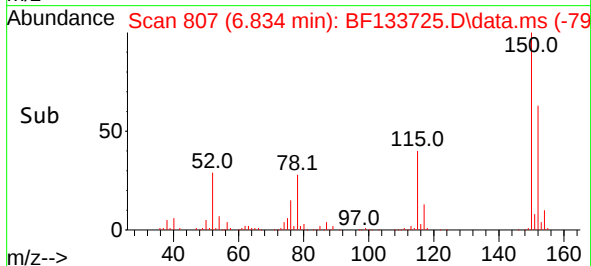
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Tgt Ion:152 Resp: 8776
Ion Ratio Lower Upper
152 100
150 158.0 124.3 186.5
115 63.3 48.5 72.7

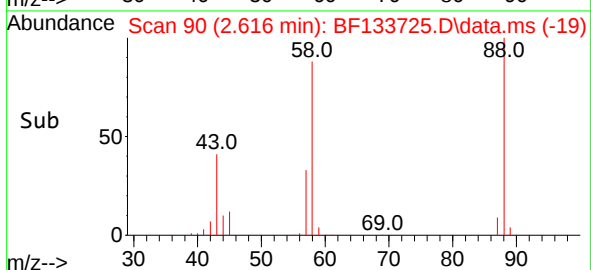
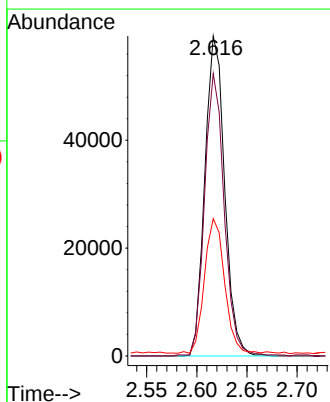
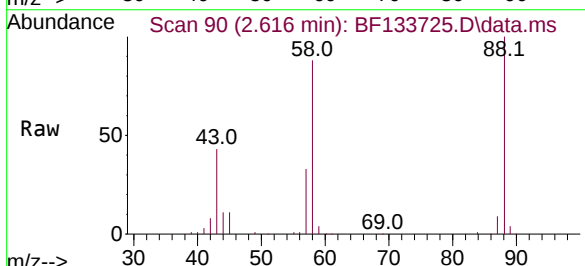
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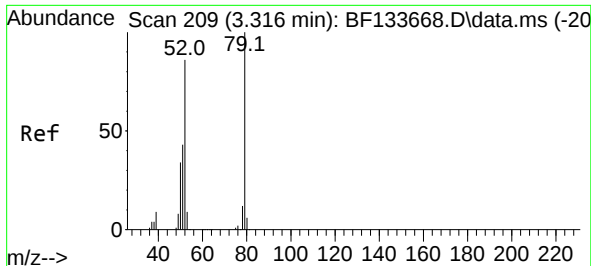
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#2
1,4-Dioxane
Concen: 36.726 ng
RT: 2.616 min Scan# 90
Delta R.T. 0.065 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

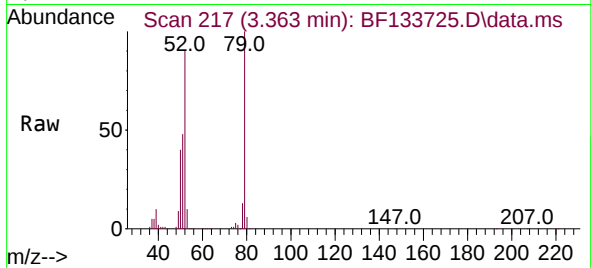
Tgt Ion: 88 Resp: 81394
Ion Ratio Lower Upper
88 100
58 87.9 67.8 101.6
43 42.5 29.8 44.6





#3
Pyridine
Concen: 32.355 ng
RT: 3.363 min Scan# 210
Delta R.T. 0.059 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

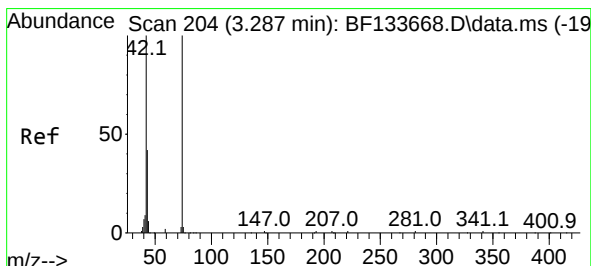
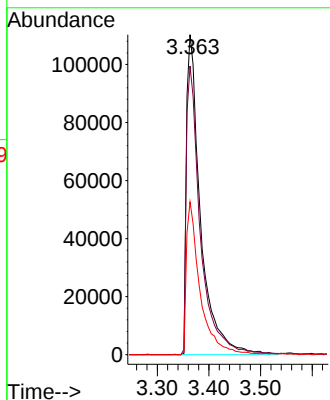
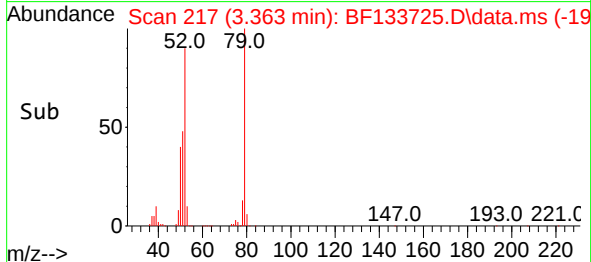
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ClientSampleId :
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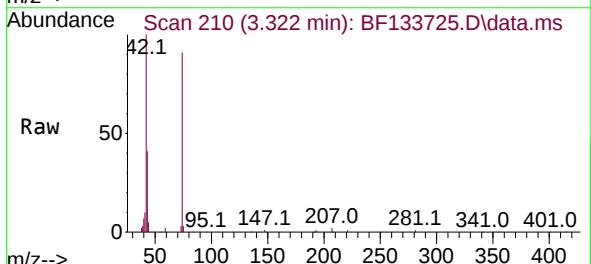
Tgt Ion: 79 Resp: 20900
Ion Ratio Lower Upper
79 100
52 90.2 68.6 102.8
51 47.8 34.8 52.2

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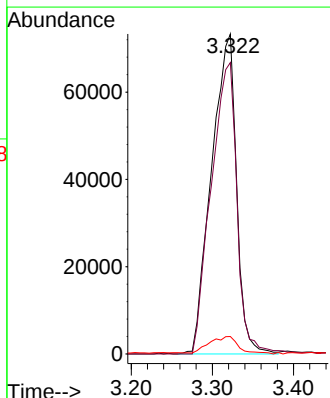
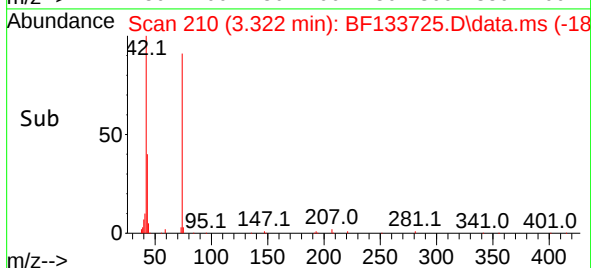
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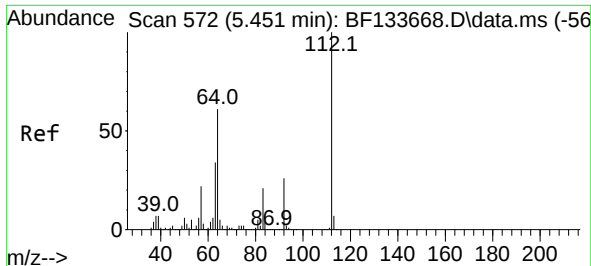


#4
n-Nitrosodimethylamine
Concen: 43.950 ng
RT: 3.322 min Scan# 210
Delta R.T. 0.065 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



Tgt Ion: 42 Resp: 156935
Ion Ratio Lower Upper
42 100
74 91.0 79.8 119.8
44 5.4 4.7 7.1





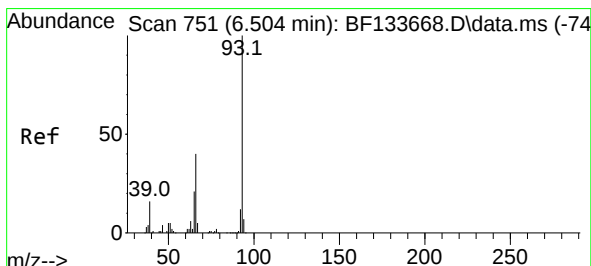
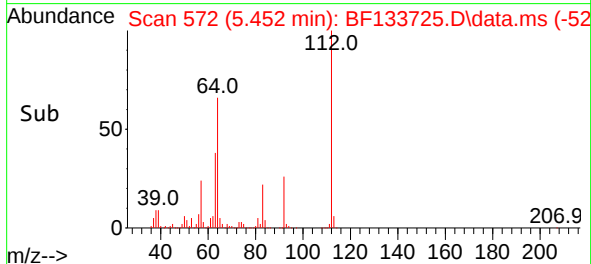
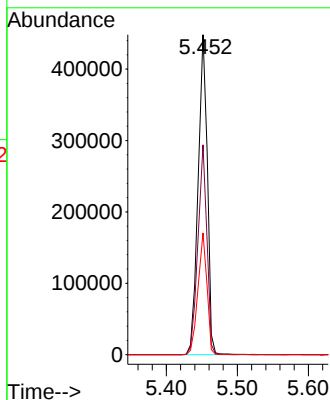
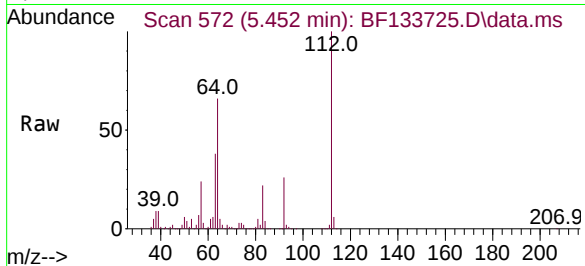
#5
2-Fluorophenol
Concen: 80.799 ng
RT: 5.452 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

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Tgt Ion: 112 Resp: 407310
Ion Ratio Lower Upper
112 100
64 65.6 49.0 73.4
63 38.1 26.8 40.2

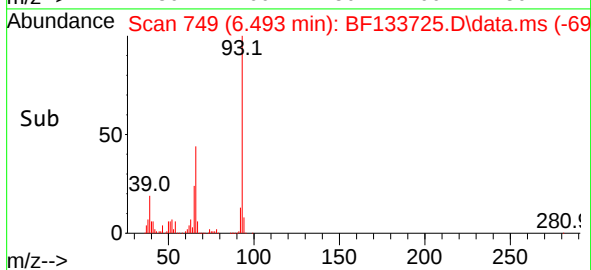
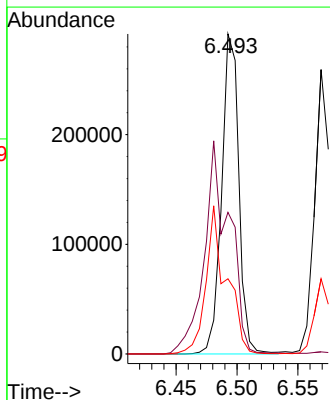
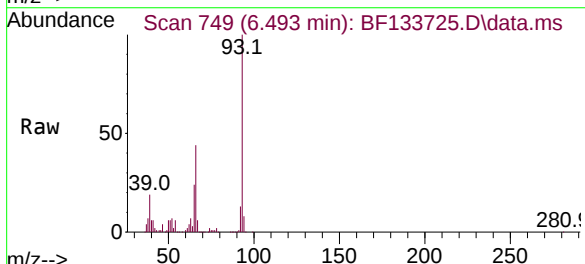
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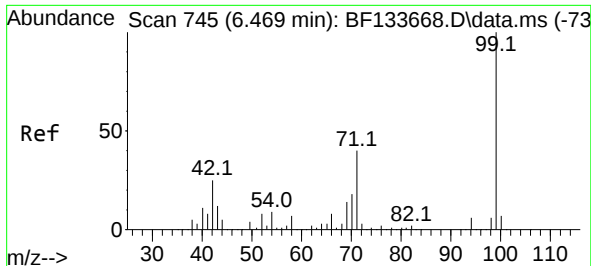
Reviewed By :Yogesh Patel 06/14/2023
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#6
Aniline
Concen: 34.766 ng
RT: 6.493 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

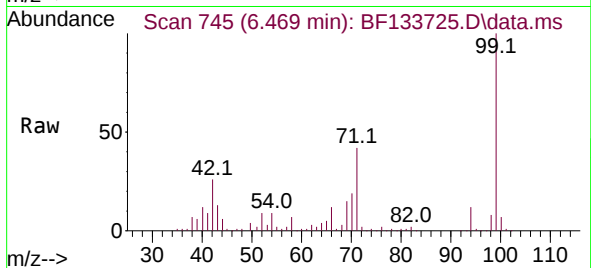
Tgt Ion: 93 Resp: 287334
Ion Ratio Lower Upper
93 100
66 44.2 34.4 51.6
65 23.5 17.5 26.3





#7
Phenol-d6
Concen: 74.959 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

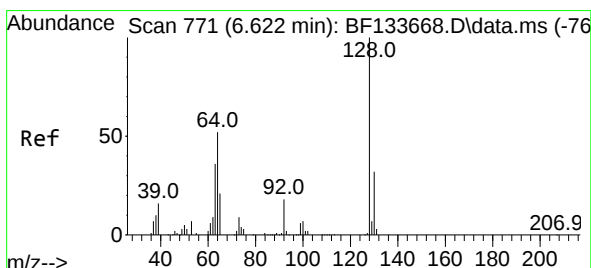
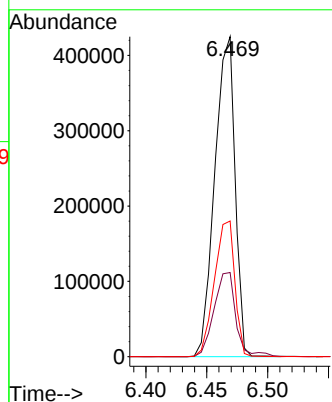
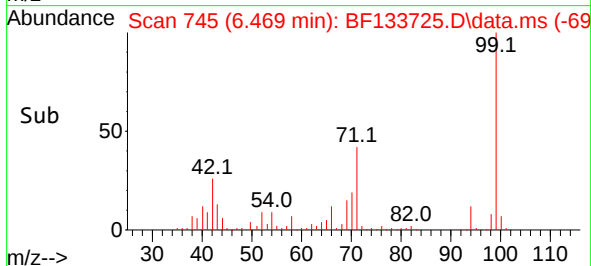
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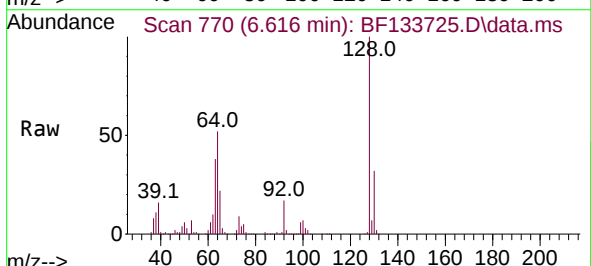
Tgt Ion: 99 Resp: 49187
Ion Ratio Lower Upper
99 100
42 26.3 19.9 29.9
71 42.4 32.2 48.4

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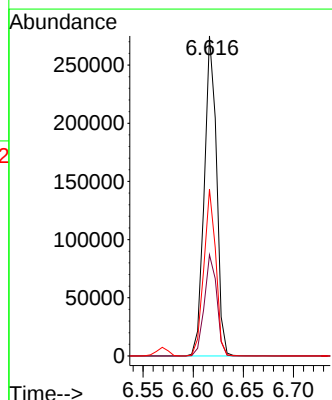
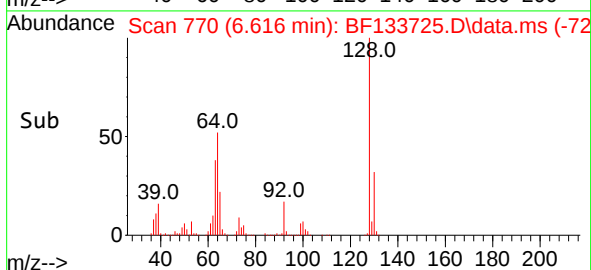
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#8
2-Chlorophenol
Concen: 44.324 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



Tgt Ion:128 Resp: 235474
Ion Ratio Lower Upper
128 100
130 31.6 12.3 52.3
64 52.0 33.1 73.1





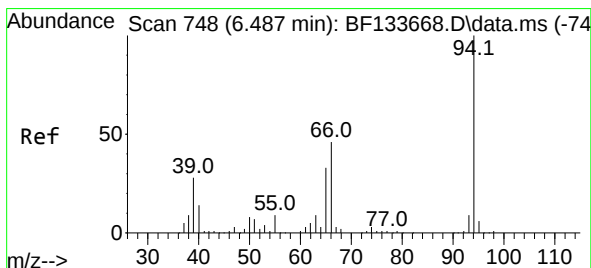
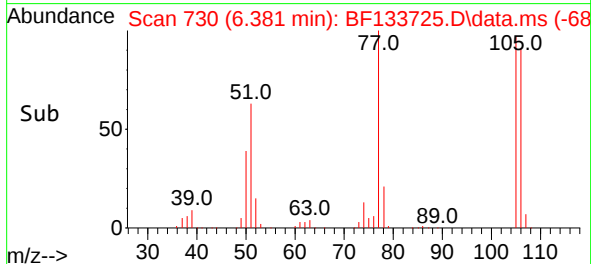
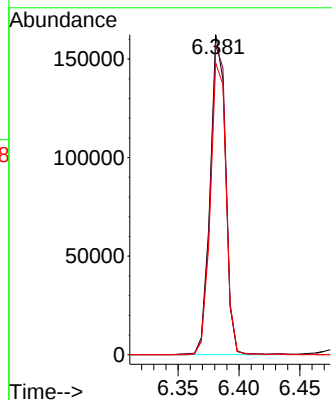
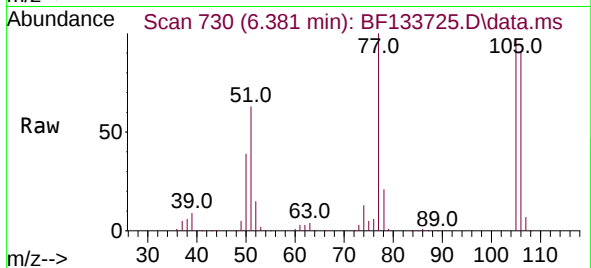
#9
Benzaldehyde
Concen: 32.579 ng
RT: 6.381 min Scan# 713
Delta R.T. -0.006 min
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Tgt Ion: 77 Resp: 14183
Ion Ratio Lower Upper
77 100
105 96.6 82.0 122.0
106 91.2 77.6 117.6

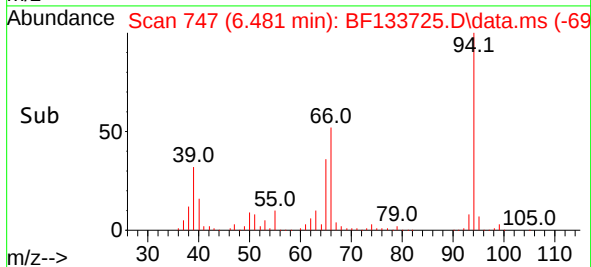
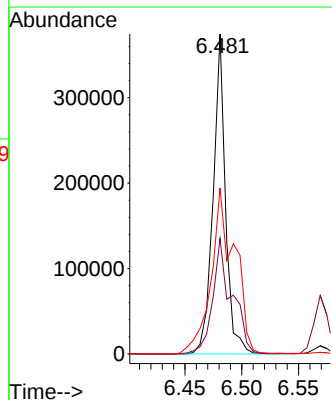
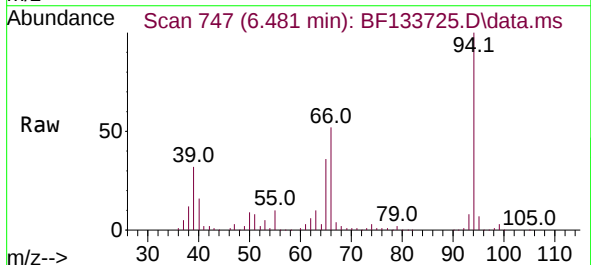
Manual Integrations
APPROVED

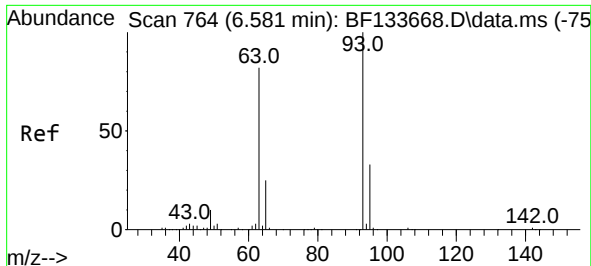
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 41.631 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion: 94 Resp: 285250
Ion Ratio Lower Upper
94 100
65 36.1 13.2 53.2
66 51.9 26.1 66.1





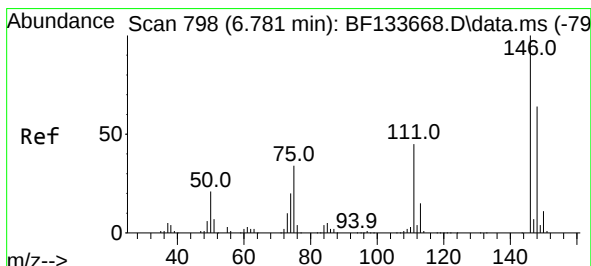
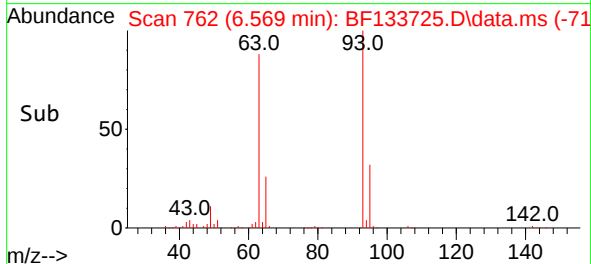
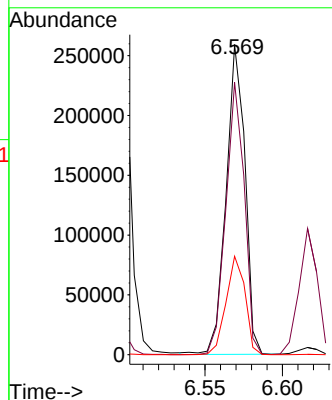
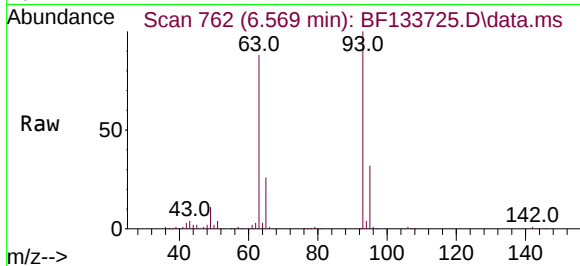
#11
bis(2-Chloroethyl)ether
Concen: 43.119 ng
RT: 6.569 min Scan# 762
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :
BNA_F
ClientSampleId :
SB32BMS

Tgt Ion: 93 Resp: 219330
Ion Ratio Lower Upper
93 100
63 87.9 62.1 102.1
95 31.7 13.0 53.0

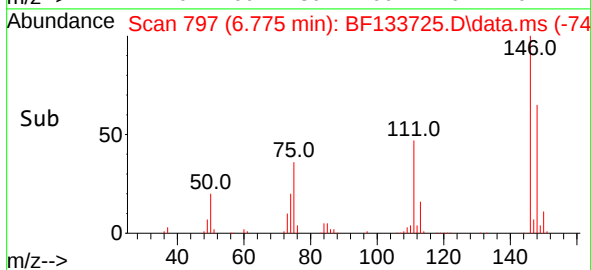
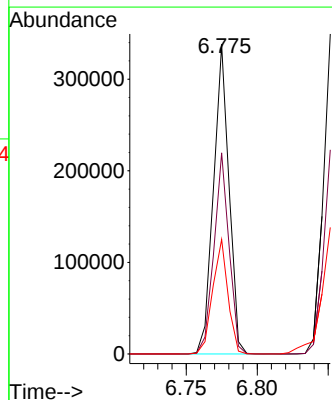
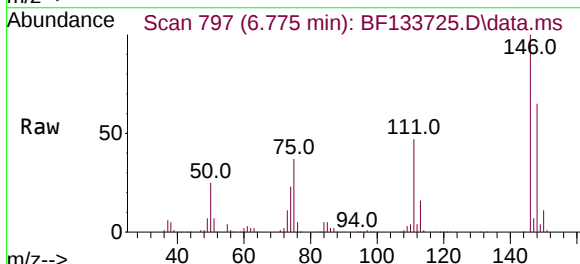
Manual Integrations
APPROVED

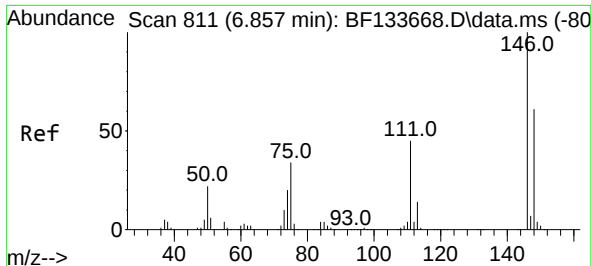
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 45.303 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:146 Resp: 257146
Ion Ratio Lower Upper
146 100
148 65.0 50.9 76.3
75 37.0 27.1 40.7





#13

1,4-Dichlorobenzene

Concen: 45.561 ng

RT: 6.851 min Scan# 811

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

Tgt Ion:146 Resp: 26138

Ion Ratio Lower Upper

146 100

148 63.8 48.9 73.3

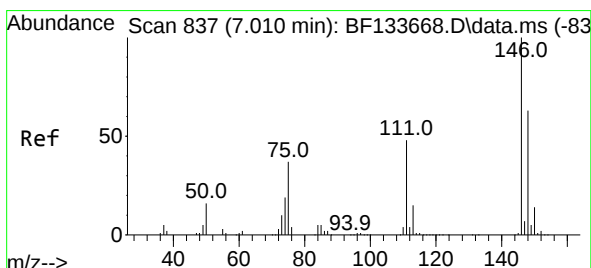
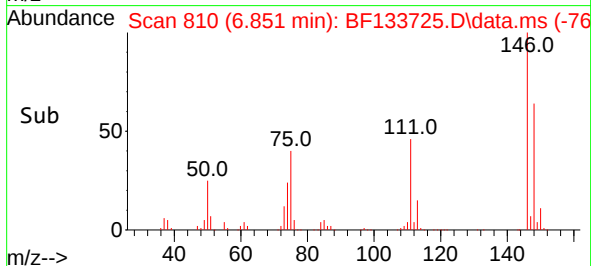
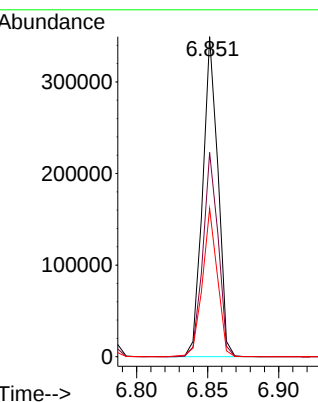
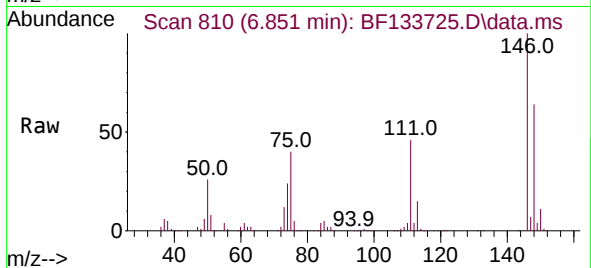
111 46.3 35.8 53.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#14

1,2-Dichlorobenzene

Concen: 48.355 ng

RT: 7.004 min Scan# 836

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

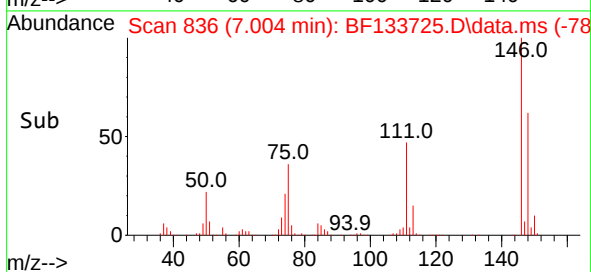
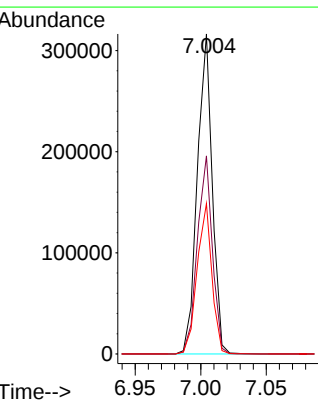
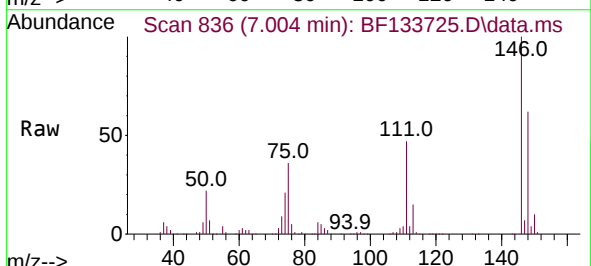
Tgt Ion:146 Resp: 250667

Ion Ratio Lower Upper

146 100

148 61.9 50.6 75.8

111 47.0 38.7 58.1





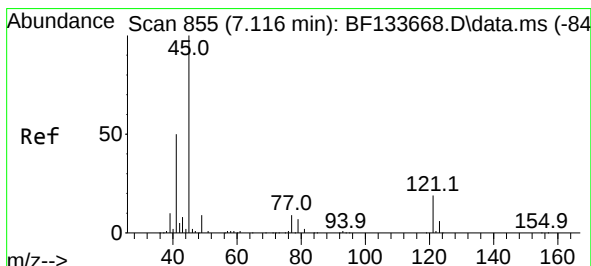
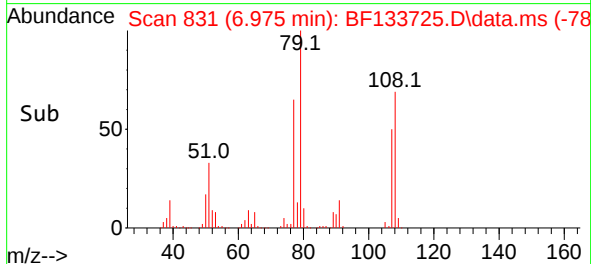
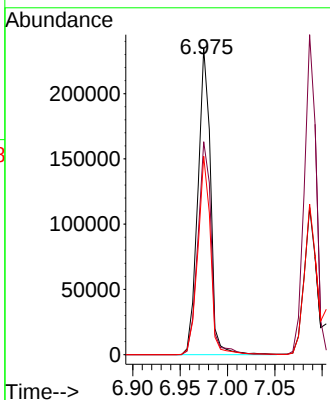
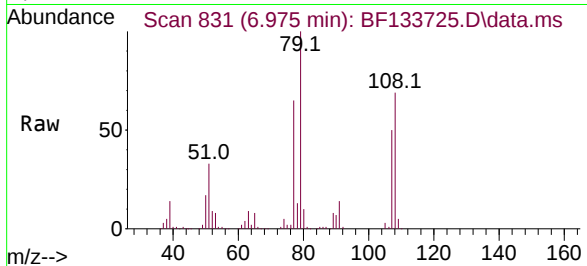
#15
Benzyl Alcohol
Concen: 42.919 ng
RT: 6.975 min Scan# 831
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :
BNA_F
ClientSampleId :
SB32BMS

Tgt Ion: 79 Resp: 21996
Ion Ratio Lower Upper
79 100
108 69.5 57.9 86.9
77 64.7 50.4 75.6

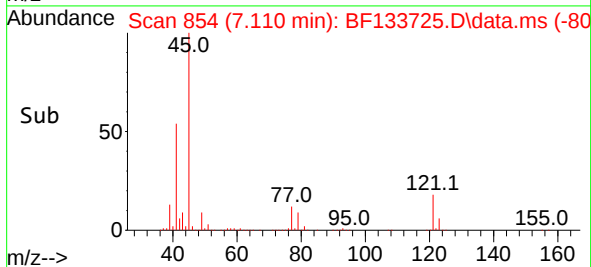
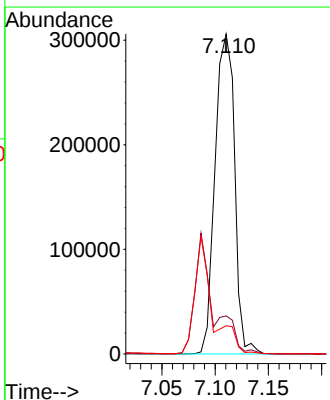
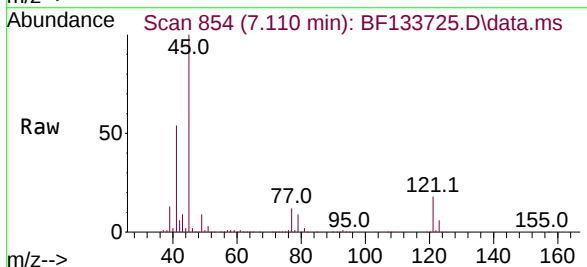
Manual Integrations
APPROVED

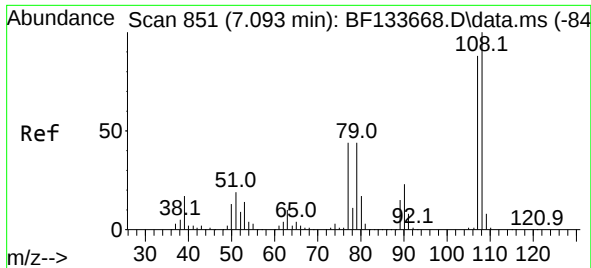
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.105 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

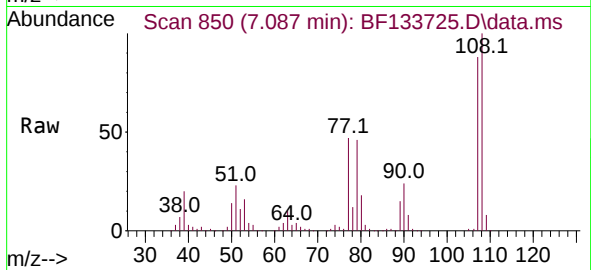
Tgt Ion: 45 Resp: 388932
Ion Ratio Lower Upper
45 100
77 11.9 0.0 32.3
79 8.8 0.0 29.4





#17
2-Methylphenol
Concen: 40.317 ng
RT: 7.087 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

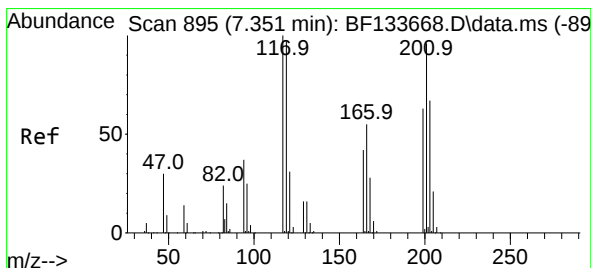
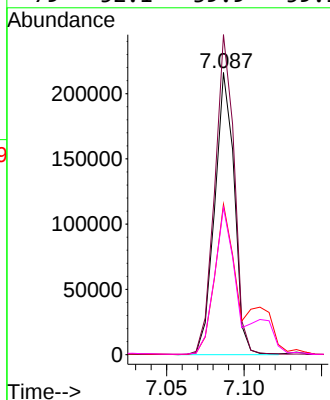
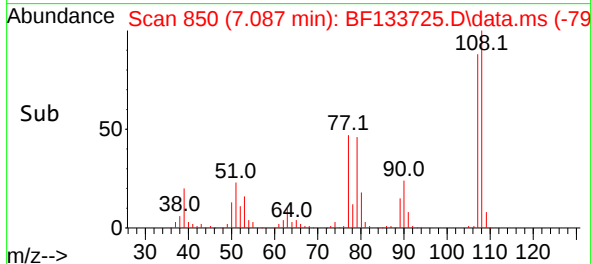
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:107 Resp: 18984
Ion Ratio Lower Upper
107 100
108 113.4 90.9 136.3
77 53.4 39.8 59.6
79 52.1 39.9 59.9

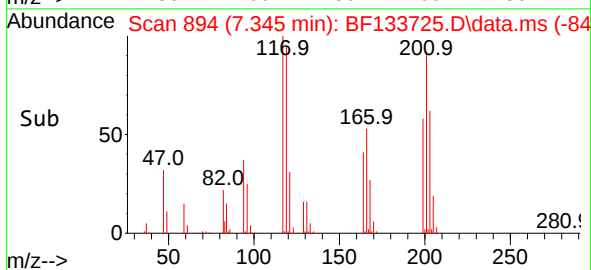
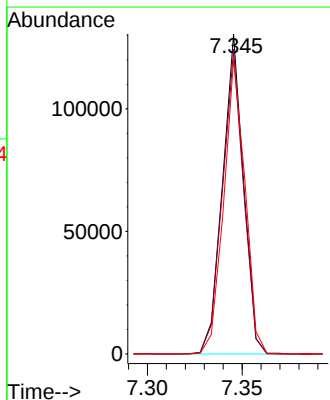
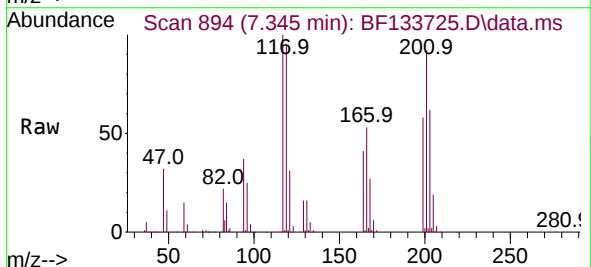
Manual Integrations
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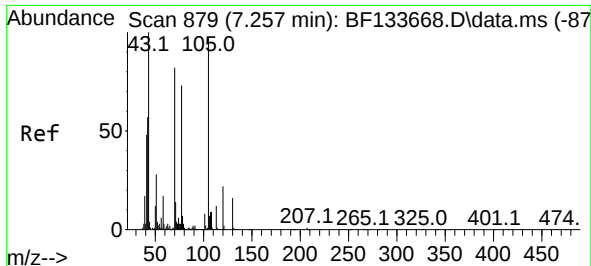
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#18
Hexachloroethane
Concen: 50.932 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

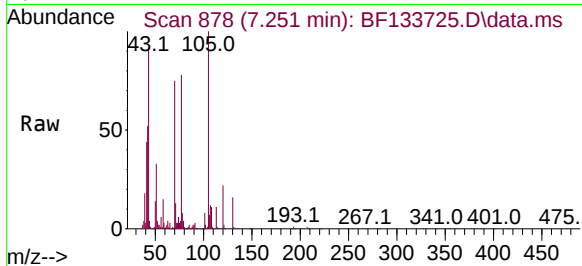
Tgt Ion:117 Resp: 100033
Ion Ratio Lower Upper
117 100
119 95.1 77.3 115.9
201 92.1 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.707 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

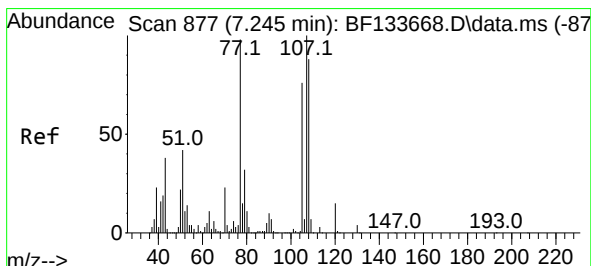
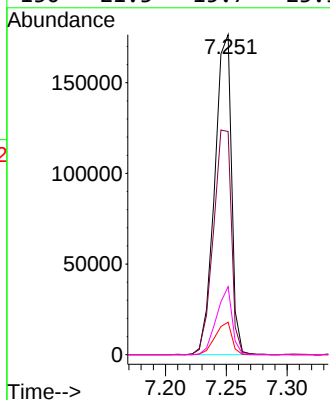
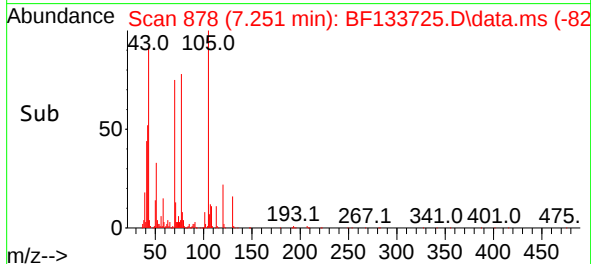
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion: 70 Resp: 16995
Ion Ratio Lower Upper
70 100
42 69.8 55.8 83.8
101 10.1 8.1 12.1
130 21.3 15.7 23.5

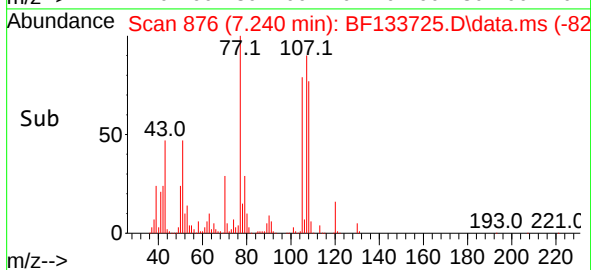
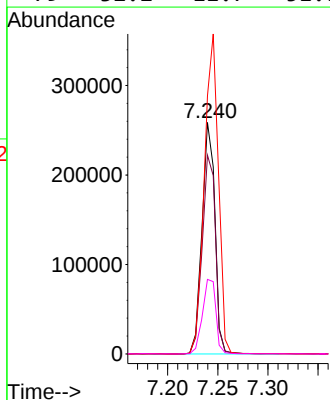
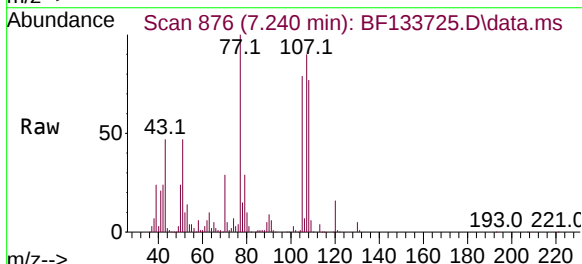
Manual Integrations
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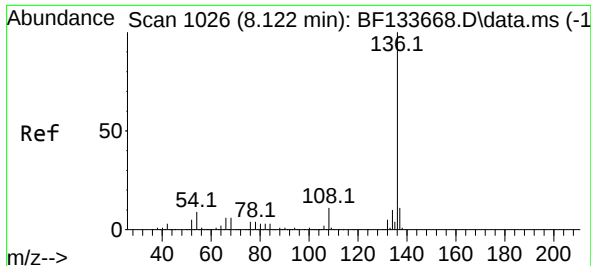
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 38.016 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:107 Resp: 232870
Ion Ratio Lower Upper
107 100
108 85.8 67.9 107.9
77 111.6 77.7 117.7
79 32.2 11.7 51.7





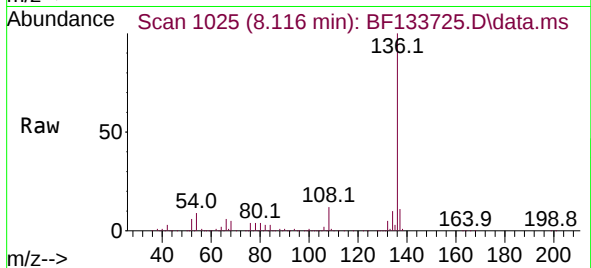
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

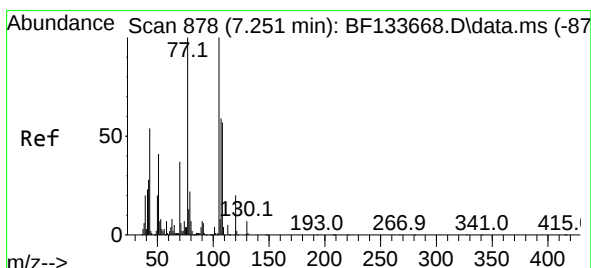
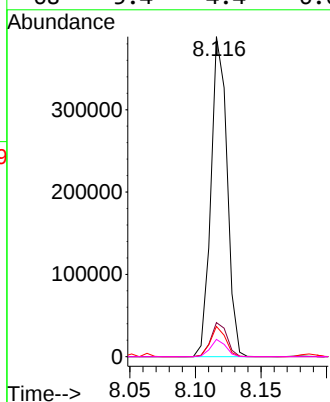
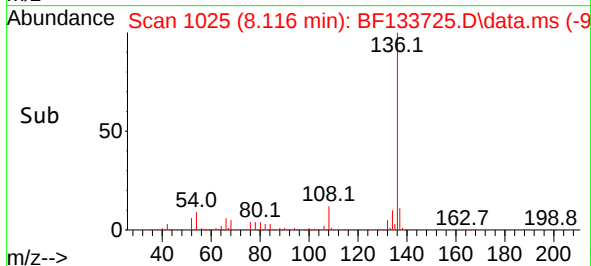


Tgt Ion:136 Resp: 33325
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 9.5 7.4 11.0
68 5.4 4.4 6.6

Manual Integrations

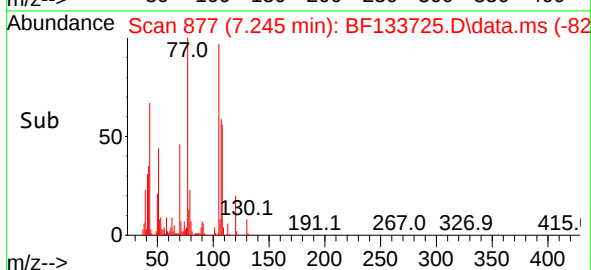
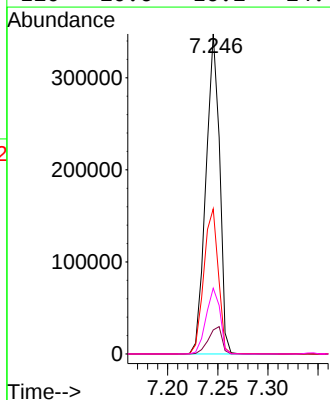
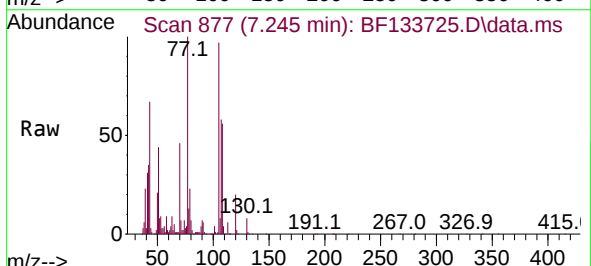
APPROVED

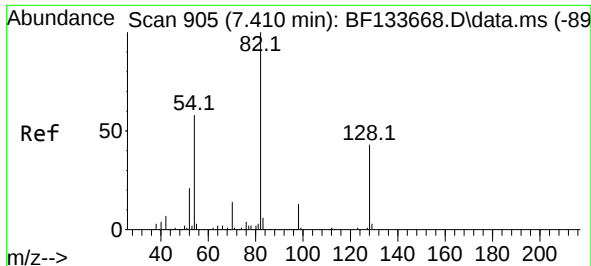
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#22
Acetophenone
Concen: 43.396 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:105 Resp: 331694
Ion Ratio Lower Upper
105 100
71 7.5 4.8 7.2#
51 45.4 33.0 49.4
120 20.6 16.2 24.4





#23

Nitrobenzene-d5

Concen: 55.389 ng

RT: 7.398 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

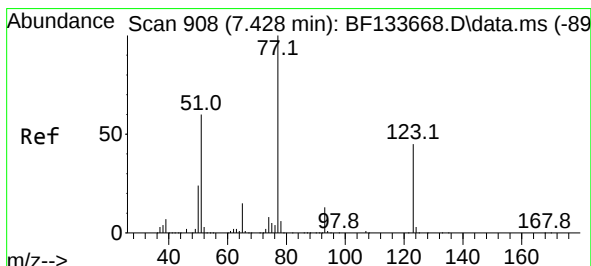
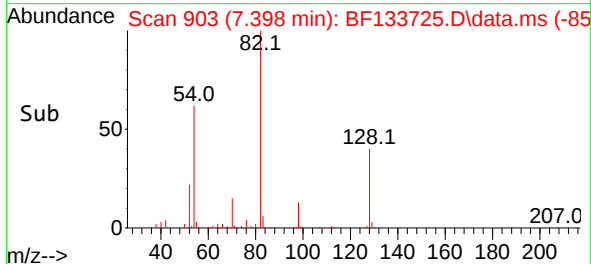
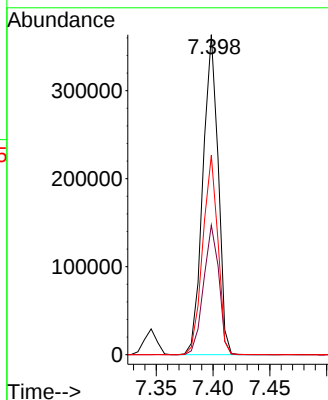
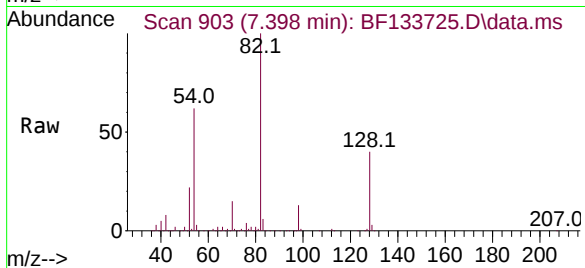
ClientSampleId :

SB32BMS

Tgt Ion: 82 Resp: 338898
 Ion Ratio Lower Upper
 82 100
 128 40.5 34.2 51.2
 54 62.3 46.5 69.7

Manual Integrations
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Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#24

Nitrobenzene

Concen: 42.822 ng

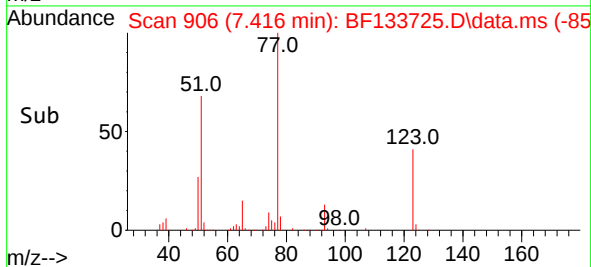
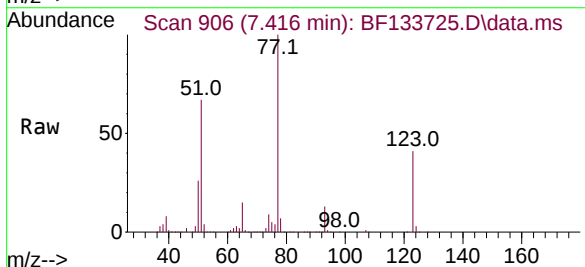
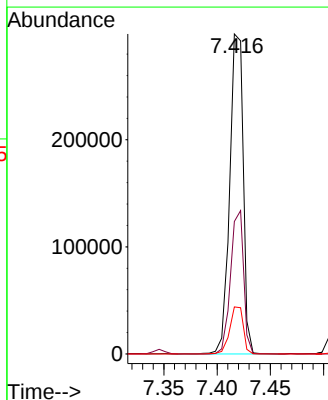
RT: 7.416 min Scan# 906

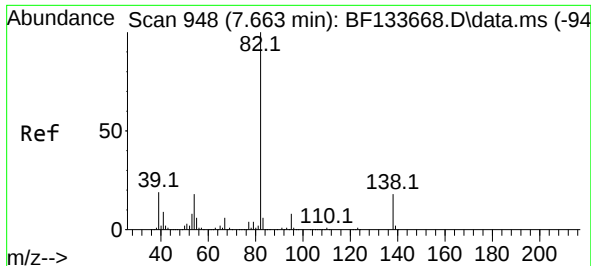
Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

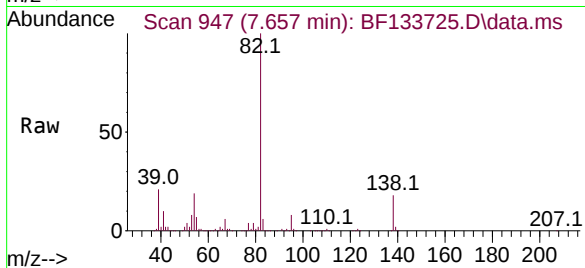
Tgt Ion: 77 Resp: 263825
 Ion Ratio Lower Upper
 77 100
 123 41.4 35.8 53.8
 65 14.7 11.6 17.4





#25
Isophorone
Concen: 40.162 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

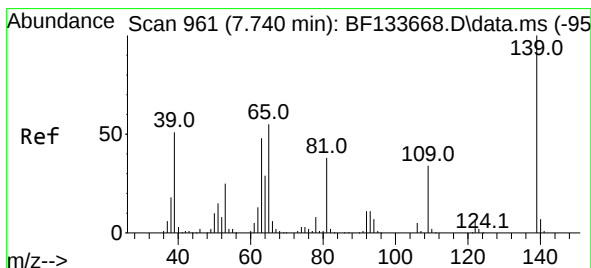
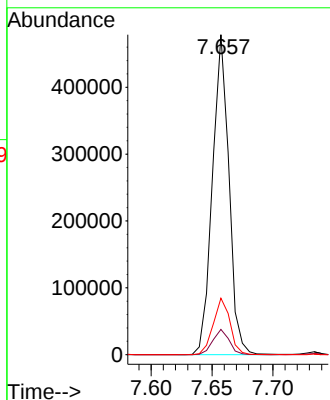
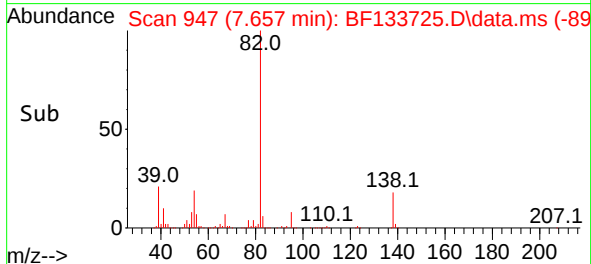
Instrument :
BNA_F
ClientSampleId :
SB32BMS



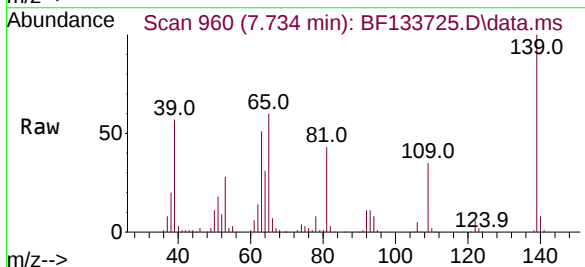
Tgt Ion: 82 Resp: 451136
Ion Ratio Lower Upper
82 100
95 7.9 6.0 9.0
138 17.7 14.2 21.2

Manual Integrations
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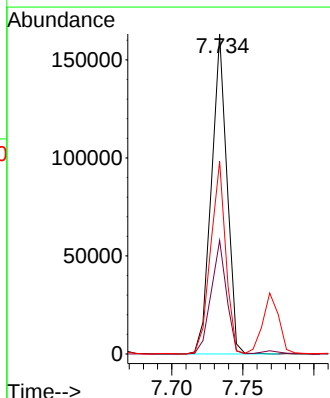
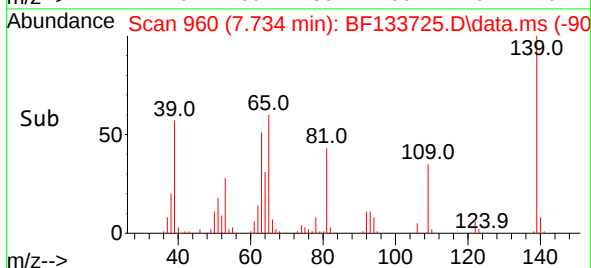
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

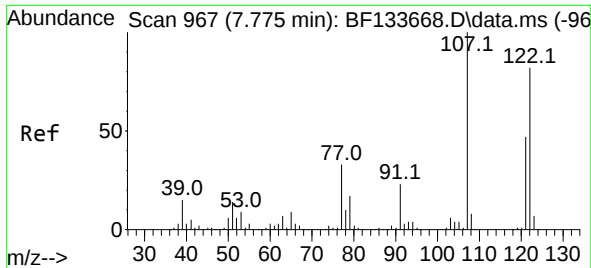


#26
2-Nitrophenol
Concen: 44.789 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



Tgt Ion:139 Resp: 123842
Ion Ratio Lower Upper
139 100
109 35.5 27.0 40.6
65 60.2 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 41.822 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

Tgt Ion:122 Resp: 19931

Ion Ratio Lower Upper

122 100

107 128.7 97.8 146.6

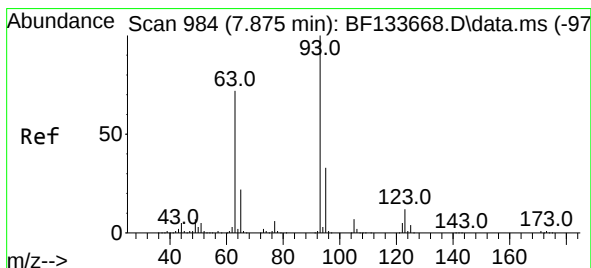
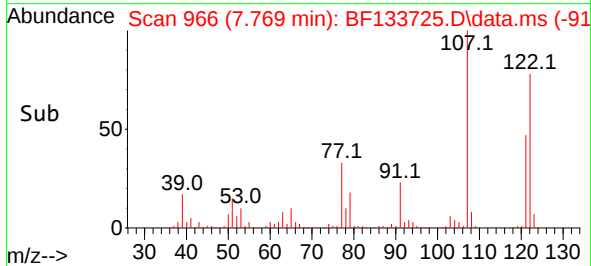
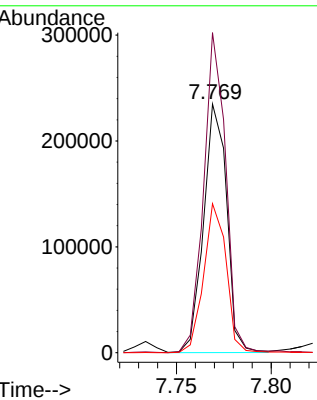
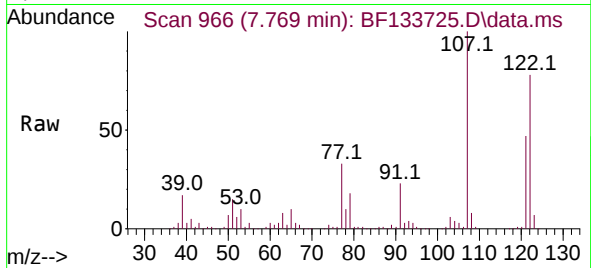
121 59.9 46.1 69.1

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#28

bis(2-Chloroethoxy)methane

Concen: 40.414 ng

RT: 7.869 min Scan# 983

Delta R.T. 0.000 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

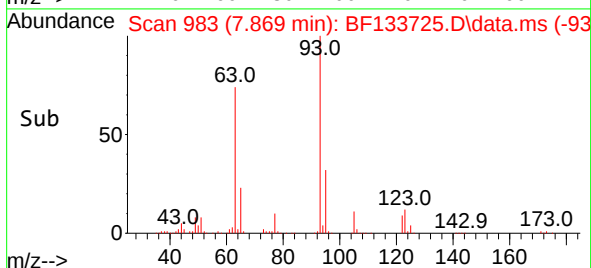
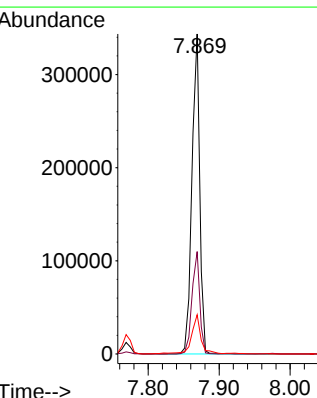
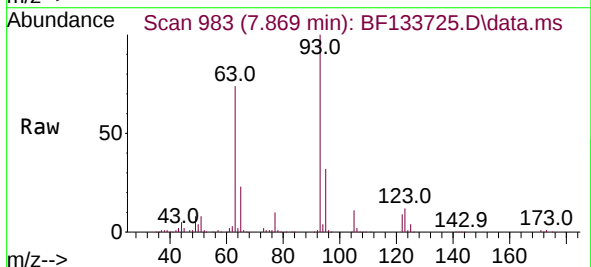
Tgt Ion: 93 Resp: 262379

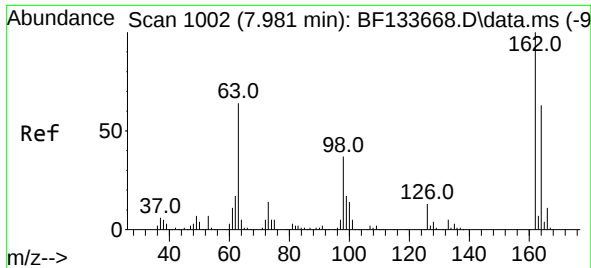
Ion Ratio Lower Upper

93 100

95 32.0 26.4 39.6

123 12.3 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.887 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

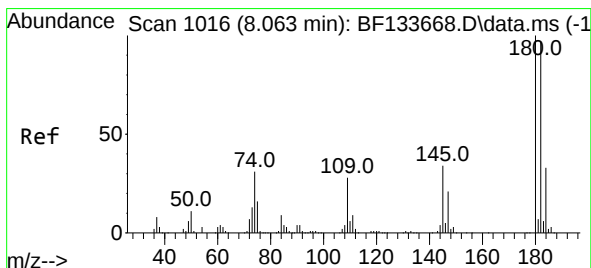
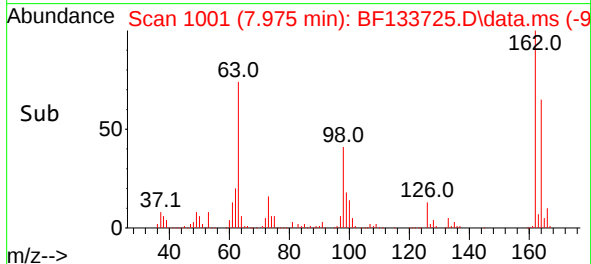
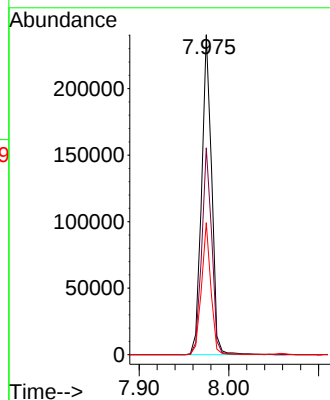
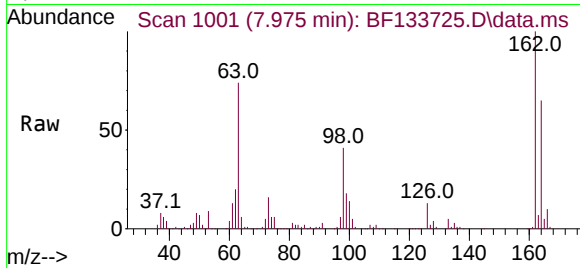
Tgt Ion:	162	Resp:	186304
Ion Ratio	Lower	Upper	
162	100		
164	64.6	43.4	83.4
98	41.2	17.4	57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 43.145 ng

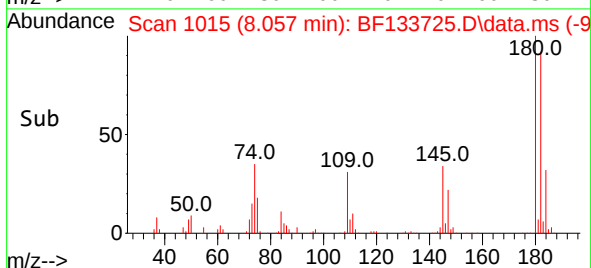
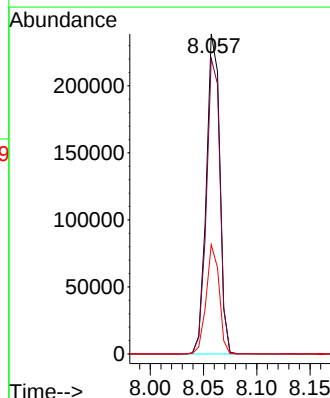
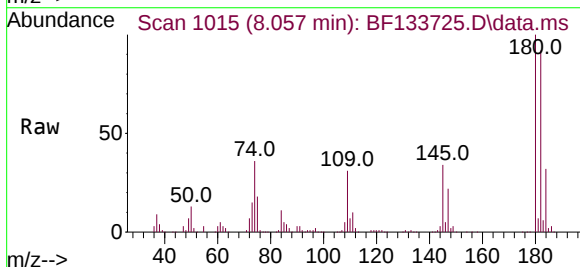
RT: 8.057 min Scan# 1015

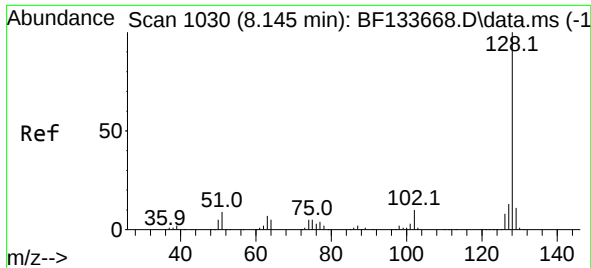
Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

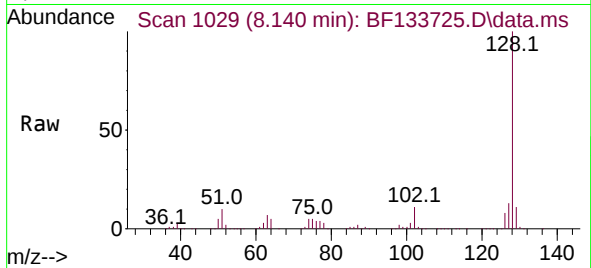
Tgt Ion:	180	Resp:	210254
Ion Ratio	Lower	Upper	
180	100		
182	92.4	77.8	116.8
145	34.1	27.0	40.4





#31
Naphthalene
Concen: 40.934 ng
RT: 8.140 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

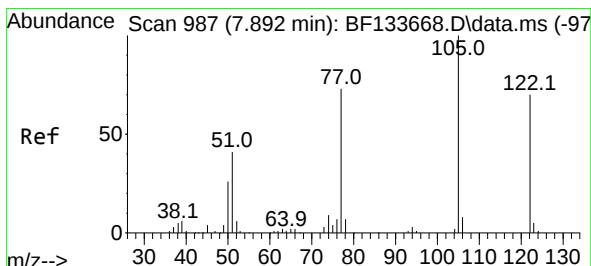
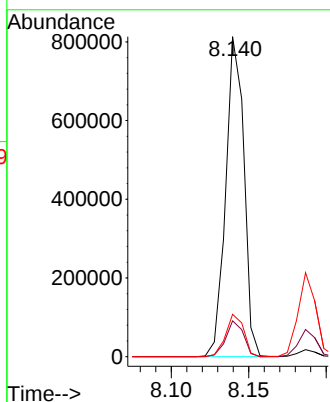
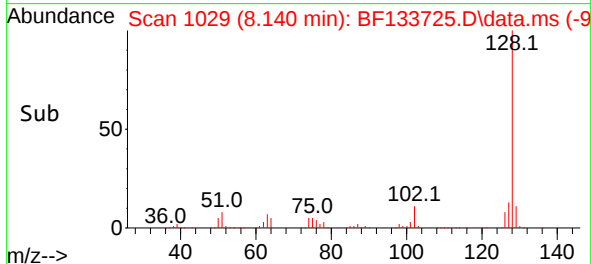
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:128 Resp: 66461
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.5 15.7

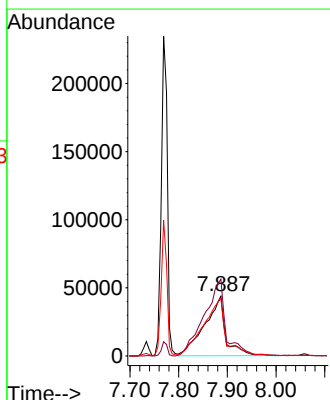
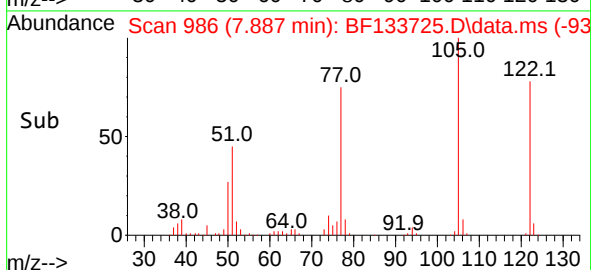
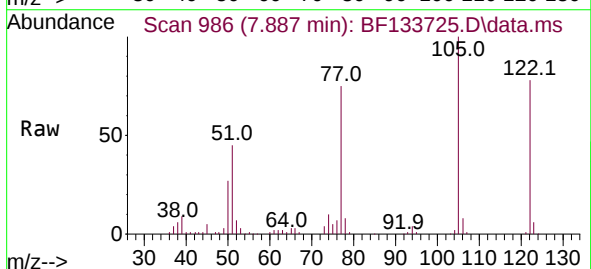
Manual Integrations
APPROVED

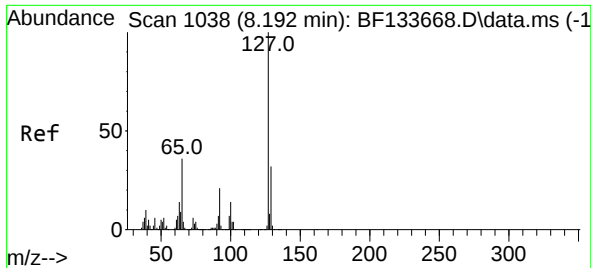
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#32
Benzoic acid
Concen: 43.960 ng
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

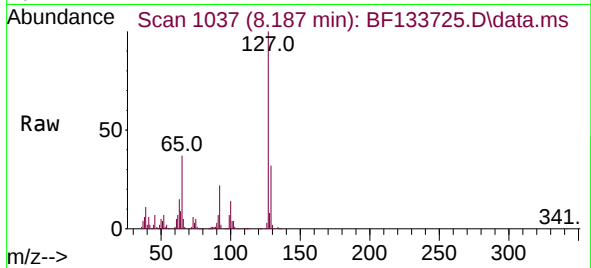
Tgt Ion:122 Resp: 132128
Ion Ratio Lower Upper
122 100
105 128.5 116.3 156.3
77 96.4 82.4 122.4





#33
4-Chloroaniline
Concen: 25.307 ng
RT: 8.187 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

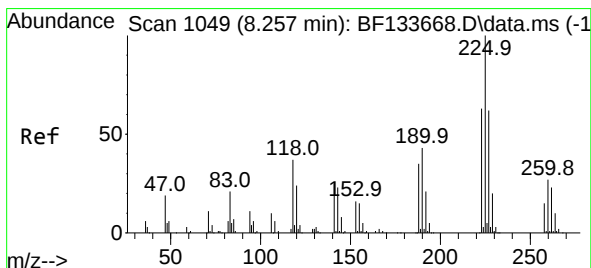
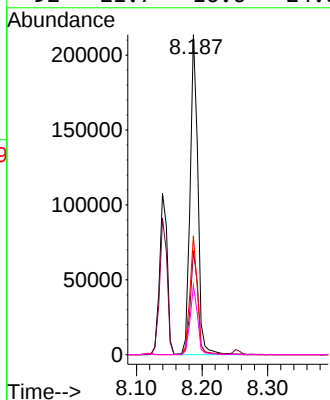
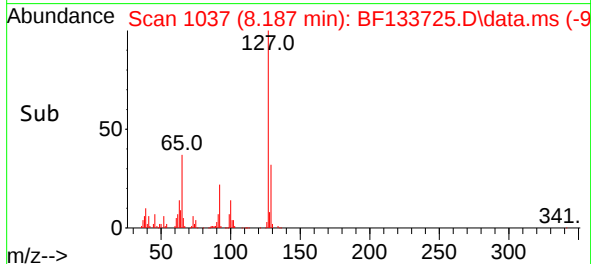
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:127 Resp: 175690
Ion Ratio Lower Upper
127 100
129 32.4 25.6 38.4
65 37.1 28.9 43.3
92 21.7 16.6 24.8

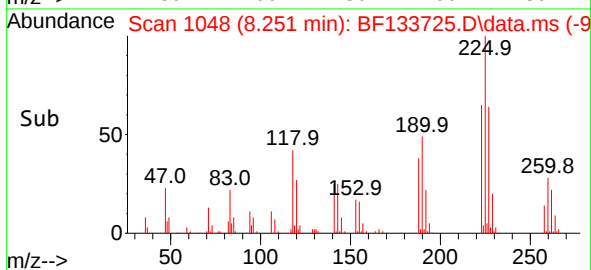
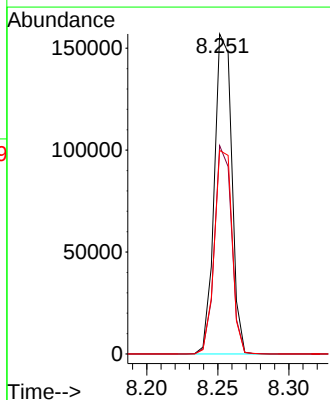
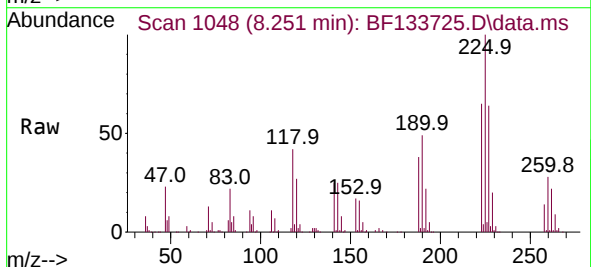
Manual Integrations
APPROVED

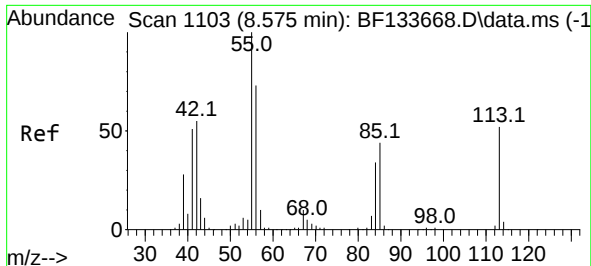
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#34
Hexachlorobutadiene
Concen: 41.855 ng
RT: 8.251 min Scan# 1048
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

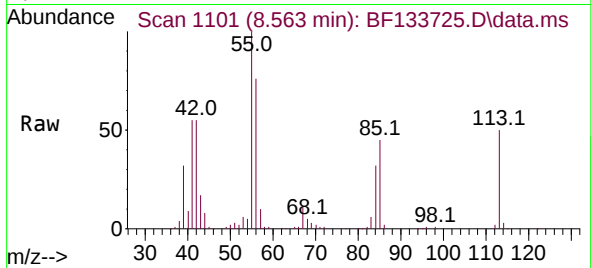
Tgt Ion:225 Resp: 133544
Ion Ratio Lower Upper
225 100
223 65.1 50.2 75.4
227 63.6 49.5 74.3





#35
Caprolactam
Concen: 33.740 ng m
RT: 8.563 min Scan# 1119
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

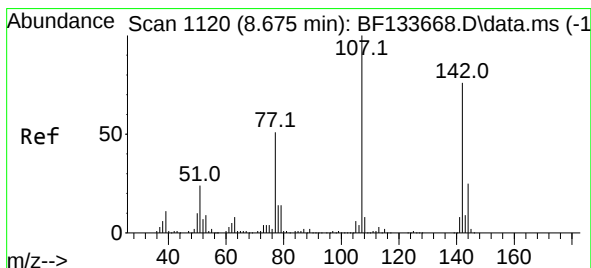
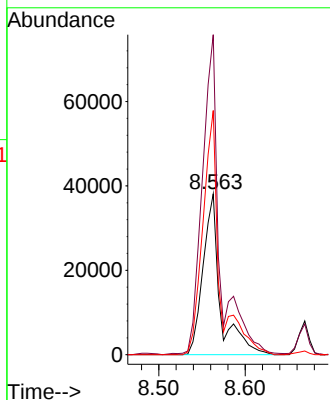
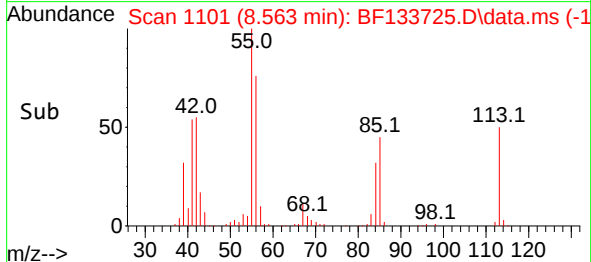
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:113 Resp: 53029
Ion Ratio Lower Upper
113 100
55 198.9 173.3 213.3
56 151.8 120.5 160.5

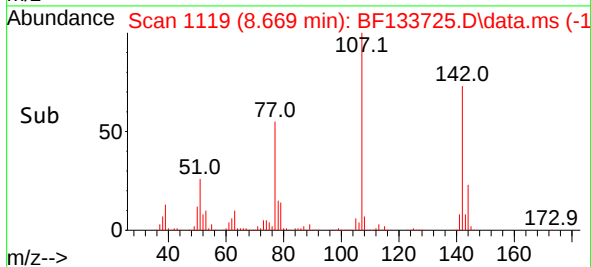
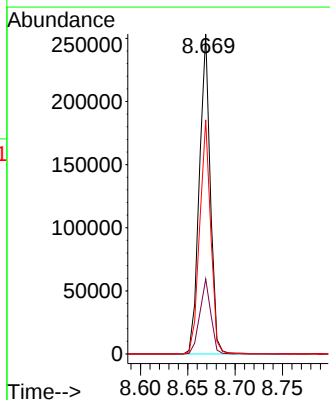
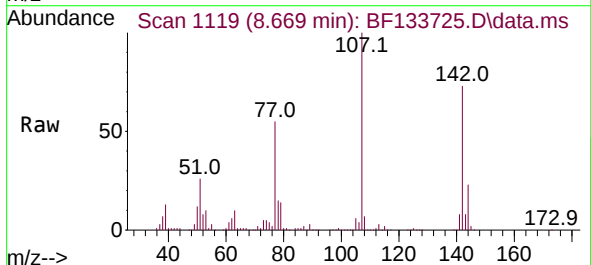
Manual Integrations
APPROVED

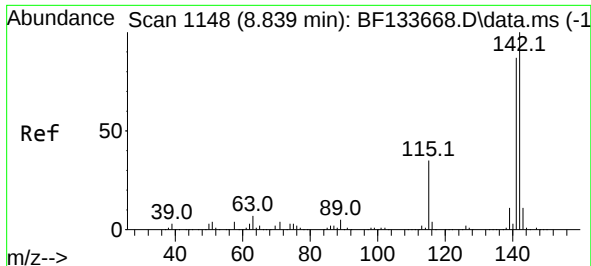
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#36
4-Chloro-3-methylphenol
Concen: 38.025 ng
RT: 8.669 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:107 Resp: 204720
Ion Ratio Lower Upper
107 100
144 23.4 19.7 29.5
142 73.1 61.1 91.7





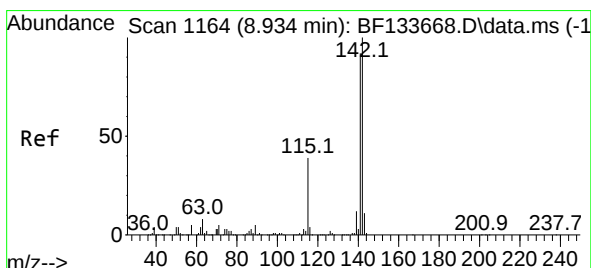
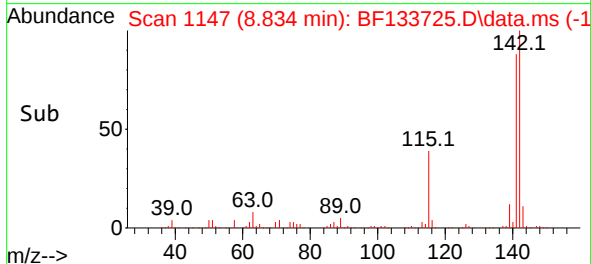
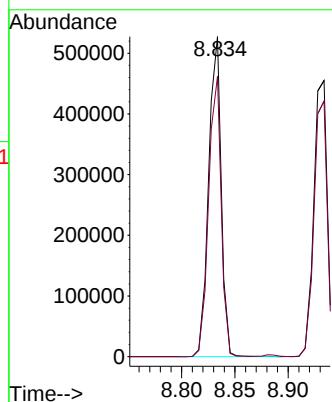
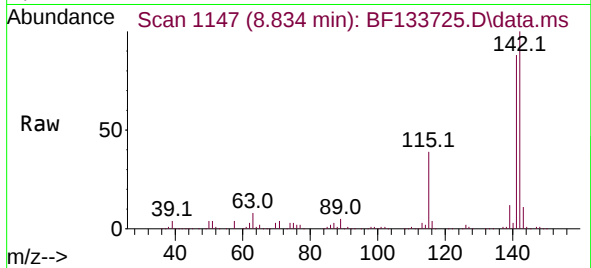
#37
2-Methylnaphthalene
Concen: 38.366 ng
RT: 8.834 min Scan# 1148
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :
BNA_F
ClientSampleId :
SB32BMS

Tgt Ion:142 Resp: 432815
Ion Ratio Lower Upper
142 100
141 87.6 69.8 104.8

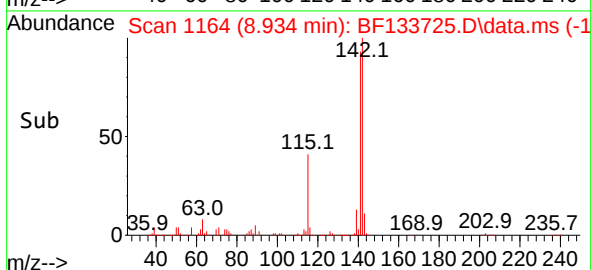
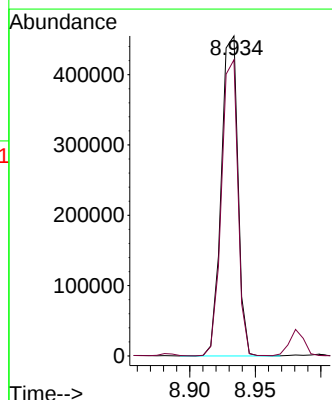
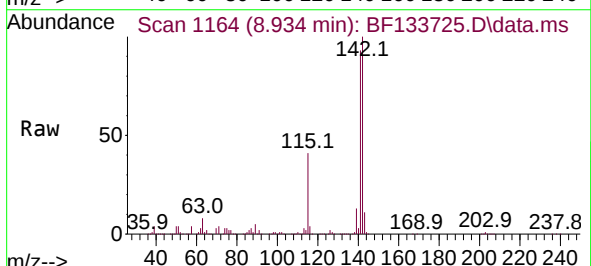
Manual Integrations
APPROVED

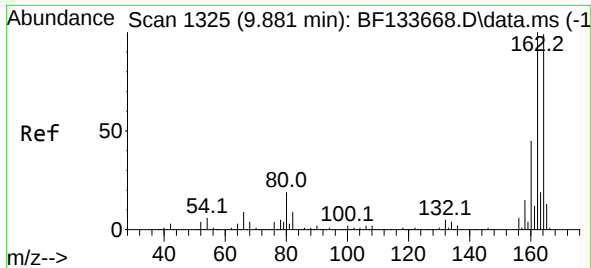
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#38
1-Methylnaphthalene
Concen: 38.727 ng
RT: 8.934 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

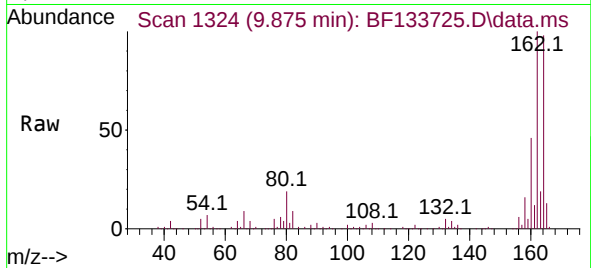
Tgt Ion:142 Resp: 402020
Ion Ratio Lower Upper
142 100
141 92.6 73.4 110.0





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1175
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

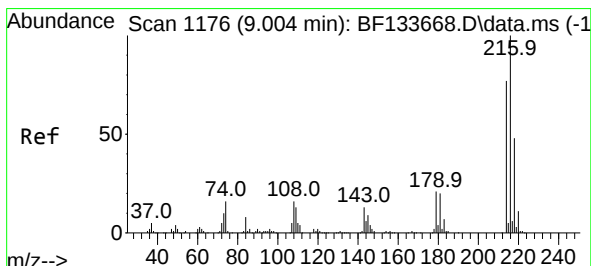
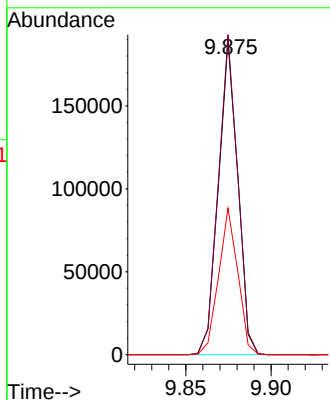
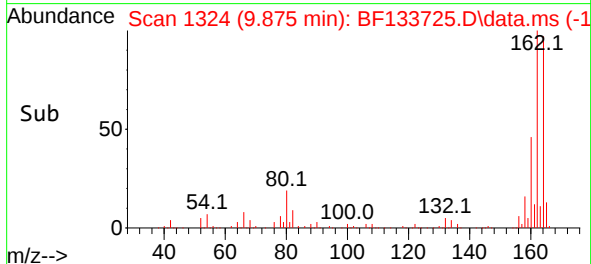
Instrument :
BNA_F
ClientSampleId :
SB32BMS



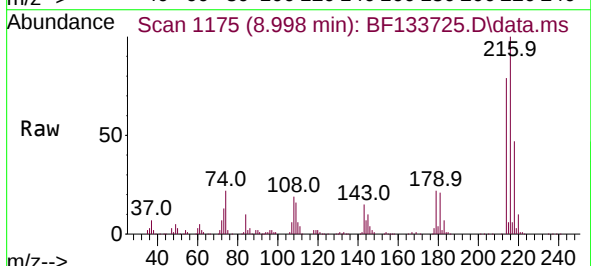
Tgt Ion:164 Resp: 149569
Ion Ratio Lower Upper
164 100
162 102.0 80.8 121.2
160 46.6 36.7 55.1

Manual Integrations
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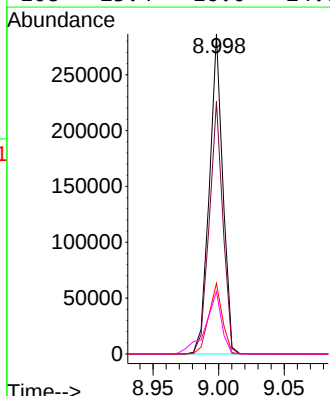
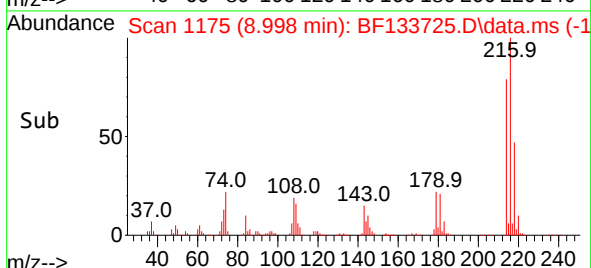
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.123 ng
RT: 8.998 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



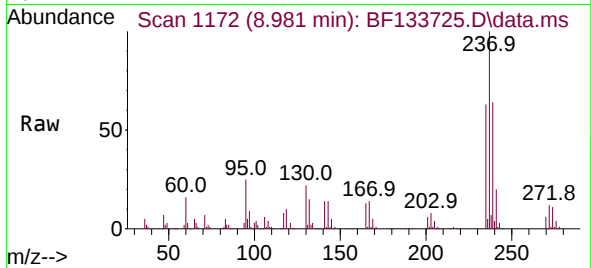
Tgt Ion:216 Resp: 205173
Ion Ratio Lower Upper
216 100
214 79.5 62.7 94.1
179 22.3 17.6 26.4
108 23.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 111.313 ng
RT: 8.981 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

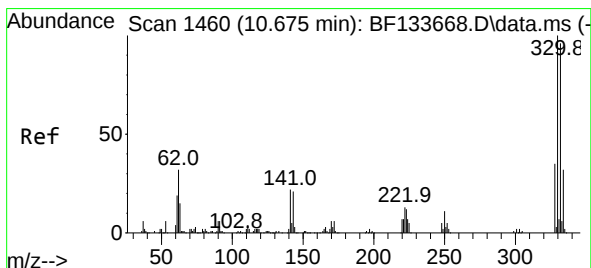
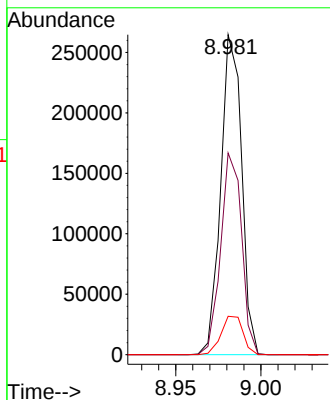
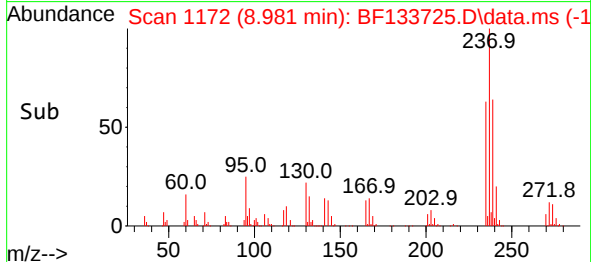
Instrument :
BNA_F
ClientSampleId :
SB32BMS



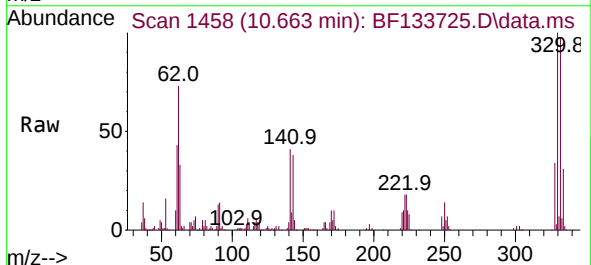
Tgt Ion:237 Resp: 22555
Ion Ratio Lower Upper
237 100
235 63.1 40.6 80.6
272 12.0 0.0 32.6

Manual Integrations
APPROVED

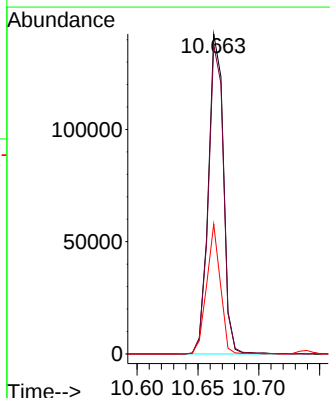
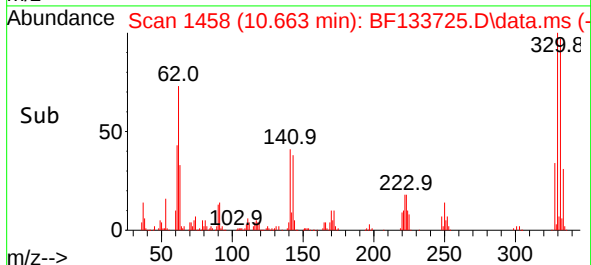
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

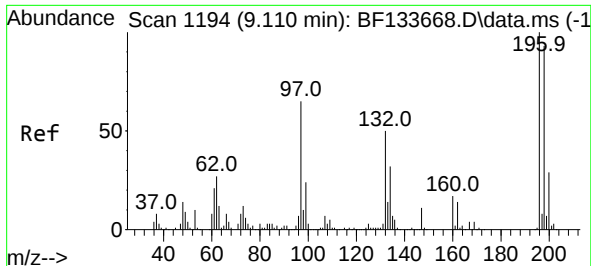


#42
2,4,6-Tribromophenol
Concen: 64.781 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



Tgt Ion:330 Resp: 122648
Ion Ratio Lower Upper
330 100
332 97.1 77.2 115.8
141 36.9 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 42.126 ng

RT: 9.110 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF133725.D

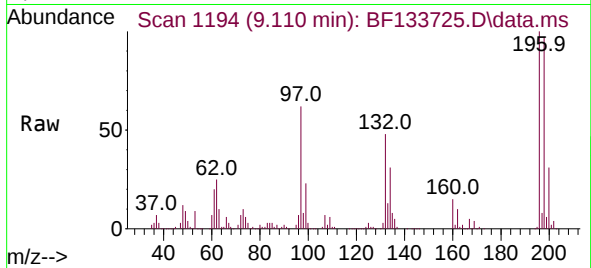
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS



Tgt Ion:196 Resp: 127999

Ion Ratio Lower Upper

196 100

198 96.6 74.5 111.7

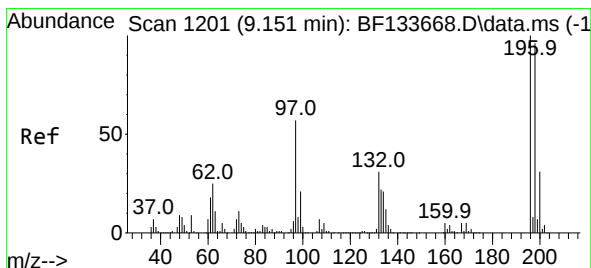
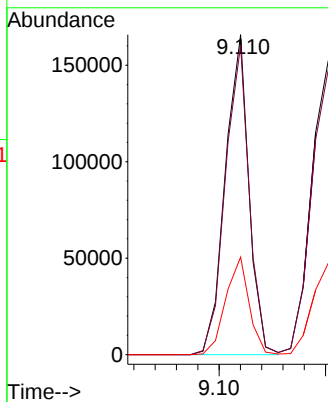
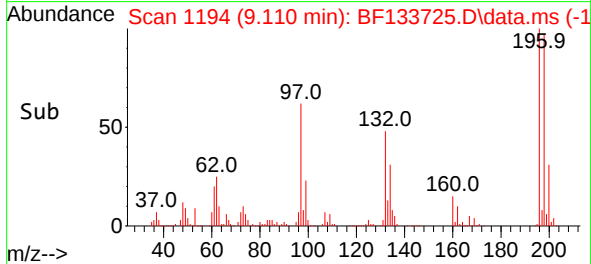
200 30.5 22.9 34.3

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#44

2,4,5-Trichlorophenol

Concen: 38.028 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.000 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Tgt Ion:196 Resp: 134428

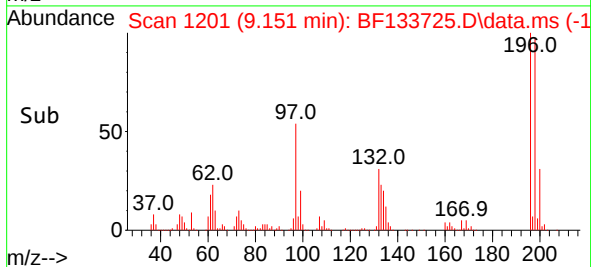
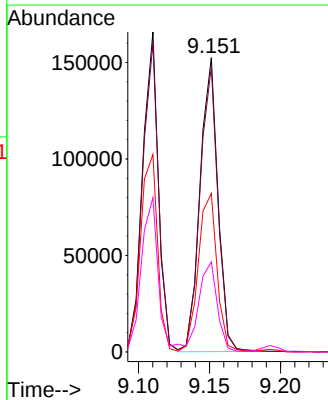
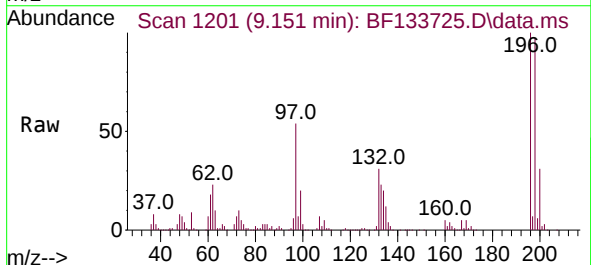
Ion Ratio Lower Upper

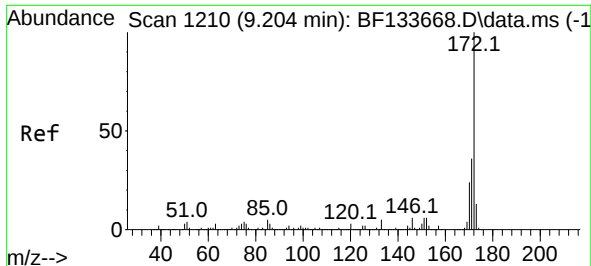
196 100

198 96.9 76.8 115.2

97 53.9 45.4 68.2

132 30.6 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 56.112 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

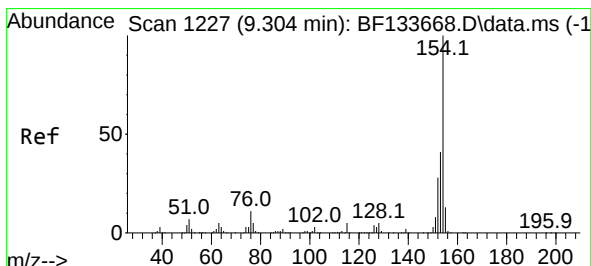
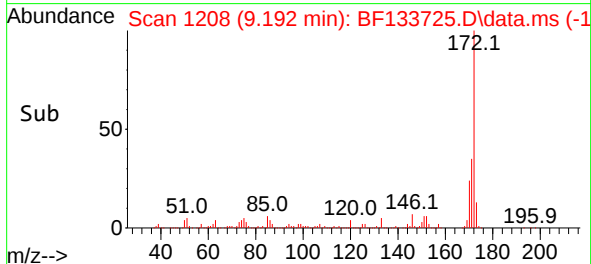
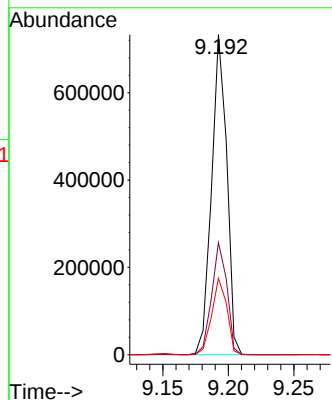
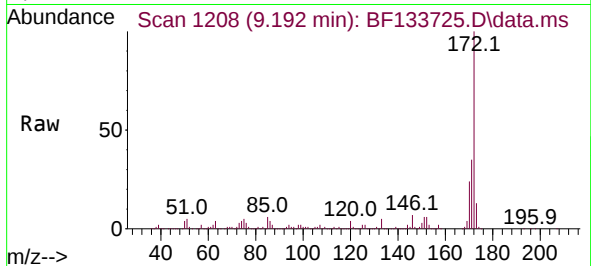
ClientSampleId :

SB32BMS

Tgt Ion:172 Resp: 590400
Ion Ratio Lower Upper
172 100
171 35.0 28.6 43.0
170 23.9 19.1 28.7

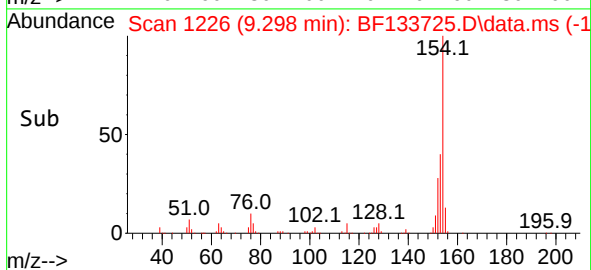
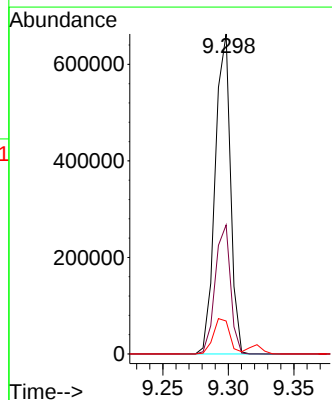
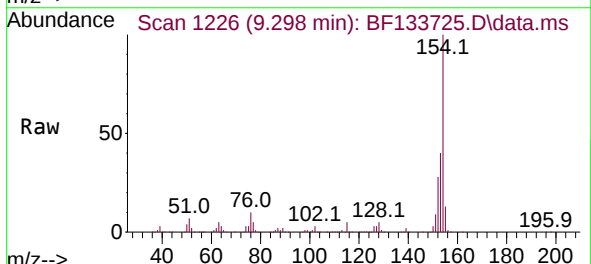
Manual Integrations
APPROVED

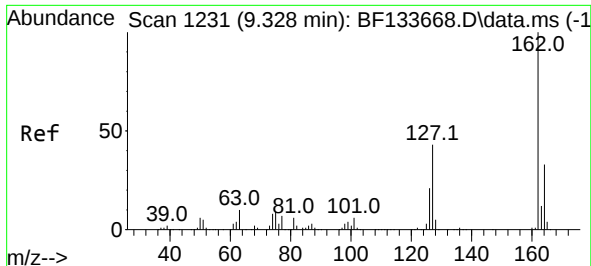
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#46
1,1'-Biphenyl
Concen: 44.476 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:154 Resp: 536514
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 10.3 0.0 31.0





#47

2-Chloronaphthalene

Concen: 45.050 ng

RT: 9.322 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

Tgt Ion:162 Resp: 38981

Ion Ratio Lower Upper

162 100

127 44.6 34.6 52.0

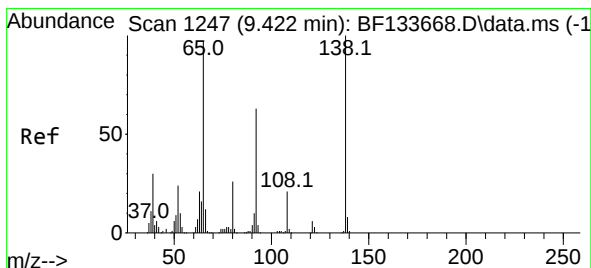
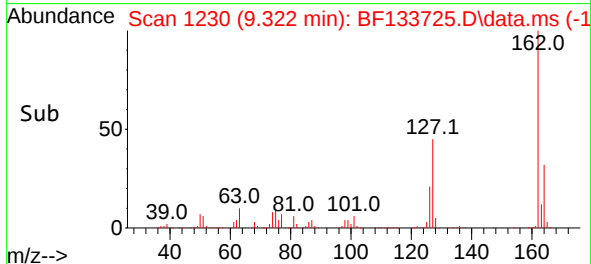
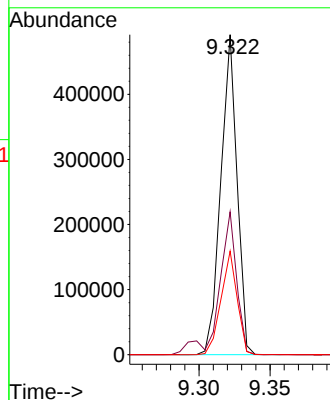
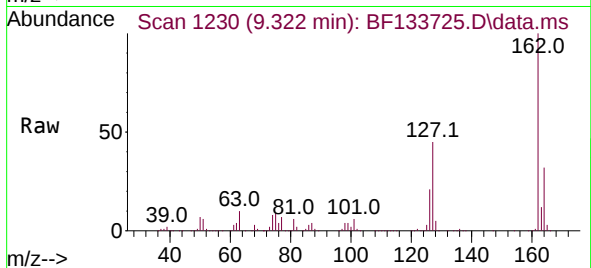
164 32.3 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#48

2-Nitroaniline

Concen: 39.881 ng

RT: 9.416 min Scan# 1246

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

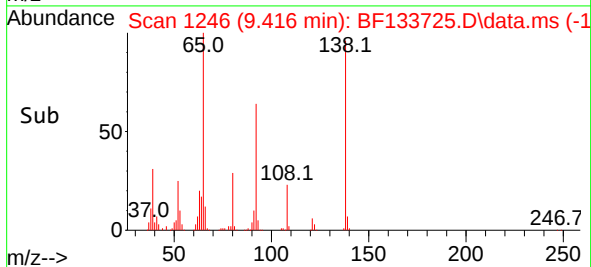
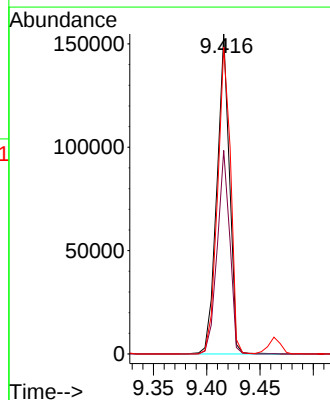
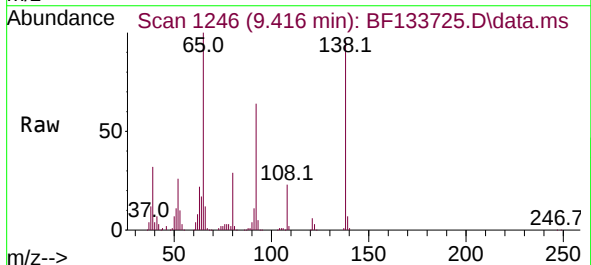
Tgt Ion: 65 Resp: 126207

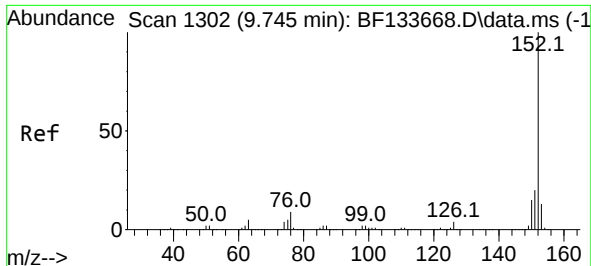
Ion Ratio Lower Upper

65 100

92 63.6 51.8 77.6

138 95.9 82.1 123.1





#49

Acenaphthylene

Concen: 41.230 ng

RT: 9.739 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF133725.D

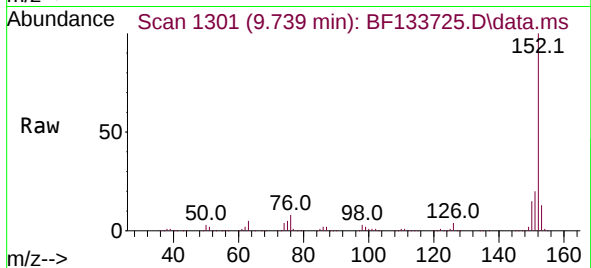
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS



Tgt Ion:152 Resp: 62095

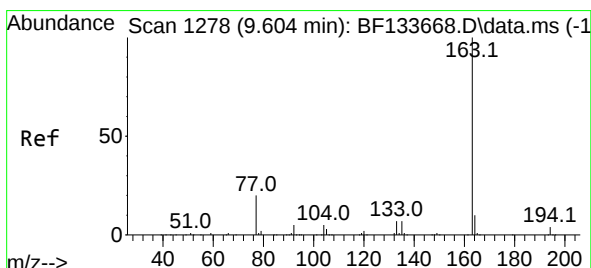
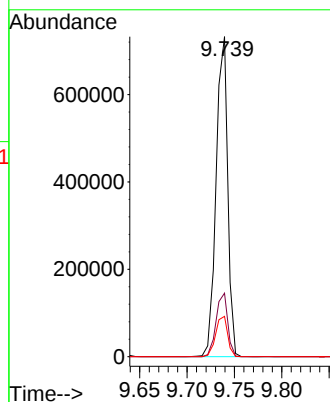
Ion	Ratio	Lower	Upper
152	100		
151	19.8	16.2	24.4
153	12.6	10.4	15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#50

Dimethylphthalate

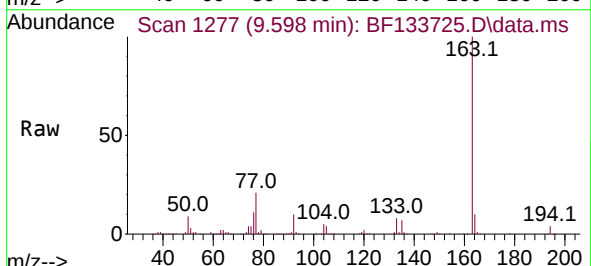
Concen: 37.873 ng

RT: 9.598 min Scan# 1277

Delta R.T. 0.000 min

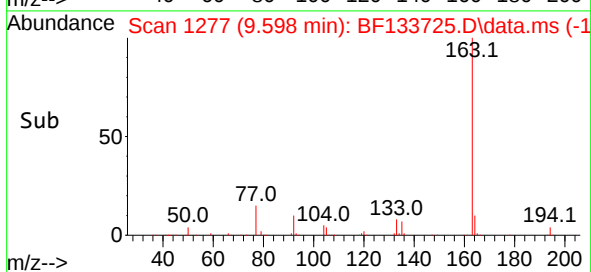
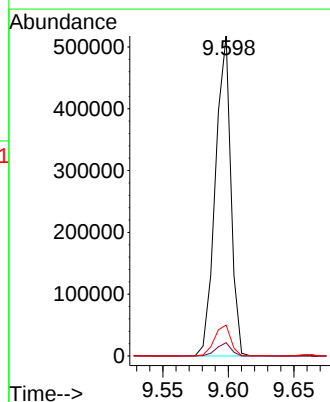
Lab File: BF133725.D

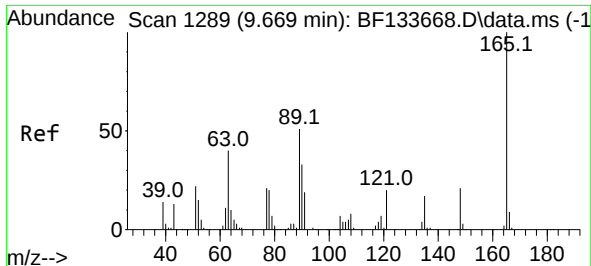
Acq: 13 Jun 2023 12:05



Tgt Ion:163 Resp: 422822

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.2	4.8
164	9.6	8.0	12.0





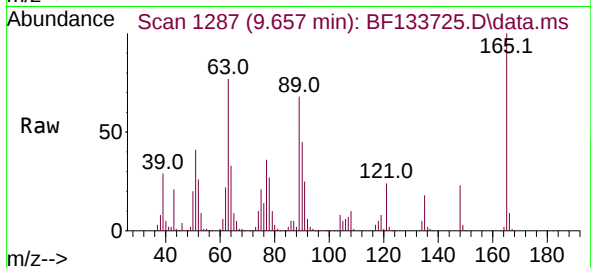
#51
2,6-Dinitrotoluene
Concen: 40.111 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

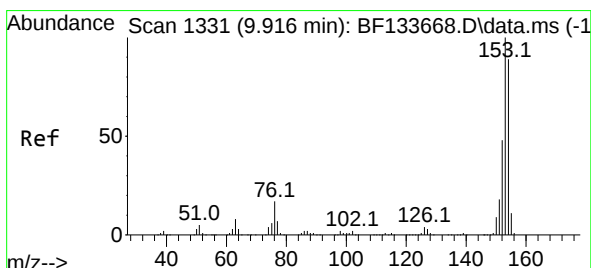
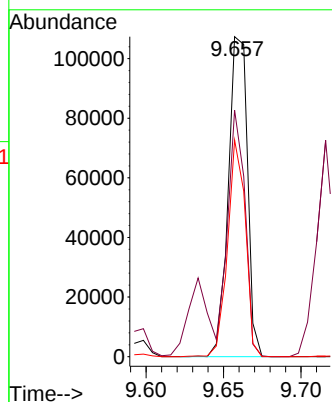
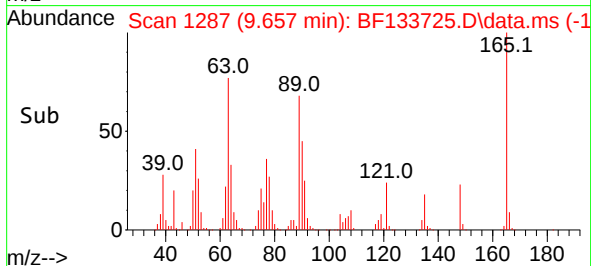


Tgt Ion:165 Resp: 92430
Ion Ratio Lower Upper
165 100
63 77.1 42.1 63.1
89 67.7 40.9 61.3

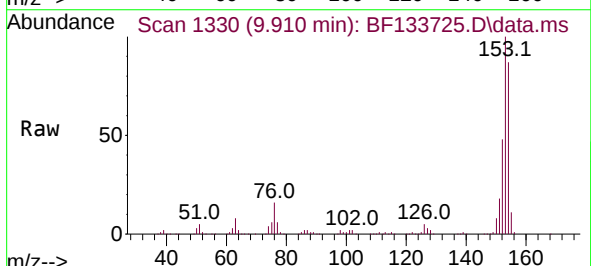
Manual Integrations

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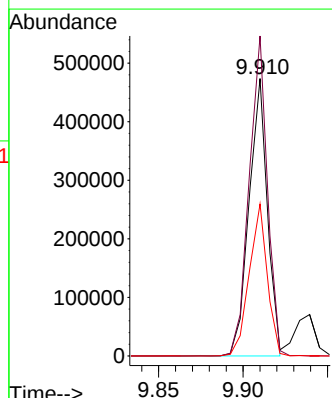
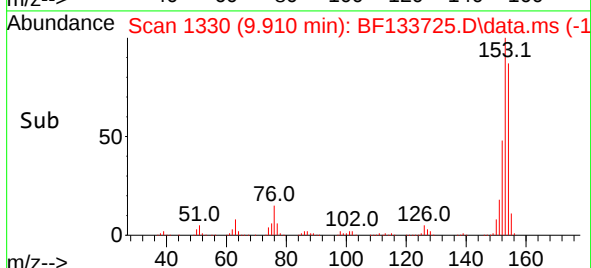
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

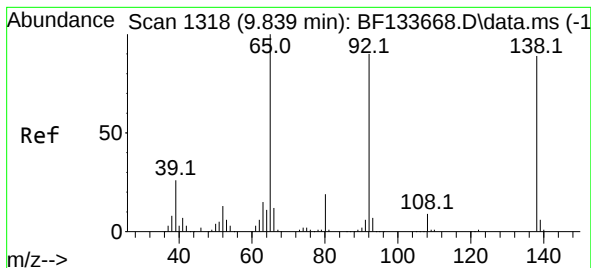


#52
Acenaphthene
Concen: 40.747 ng m
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



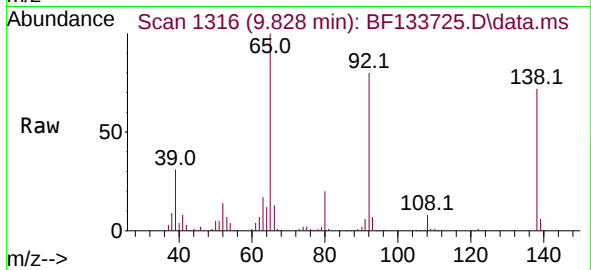
Tgt Ion:154 Resp: 359207
Ion Ratio Lower Upper
154 100
153 115.3 89.8 134.8
152 54.8 43.4 65.2





#53
3-Nitroaniline
Concen: 28.420 ng
RT: 9.828 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

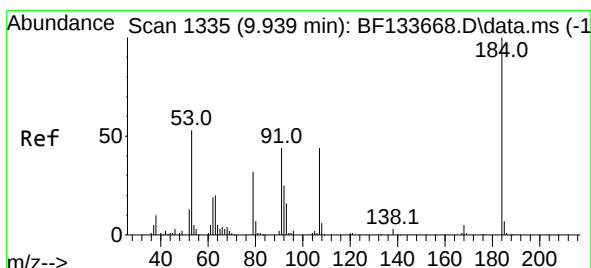
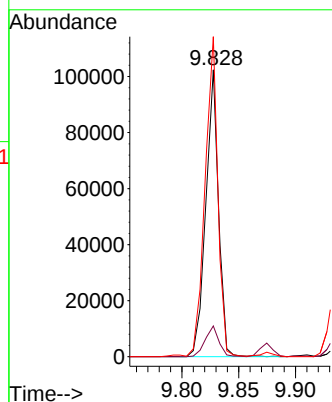
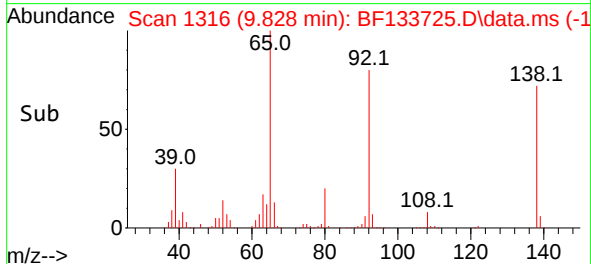
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:138 Resp: 7969
Ion Ratio Lower Upper
138 100
108 10.7 8.2 12.4
92 111.5 81.0 121.6

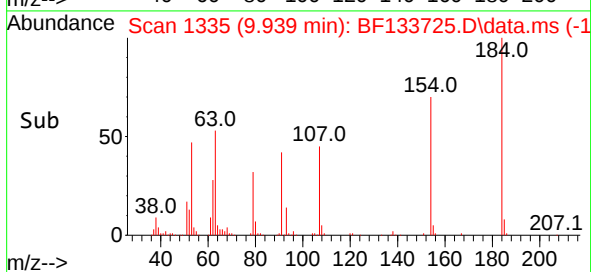
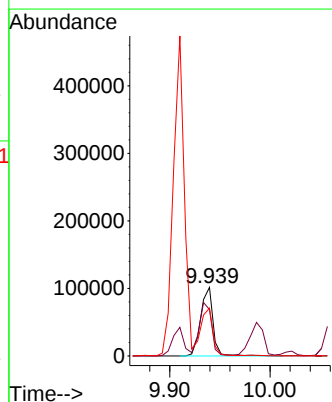
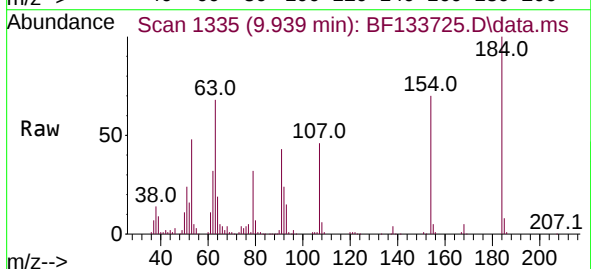
Manual Integrations
APPROVED

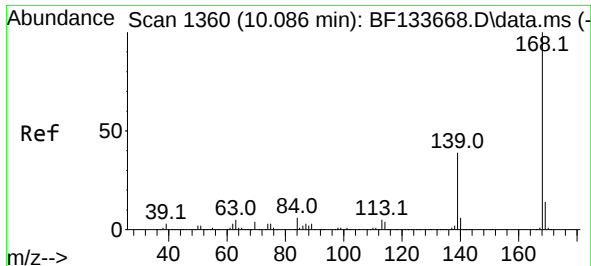
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#54
2,4-Dinitrophenol
Concen: 77.823 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

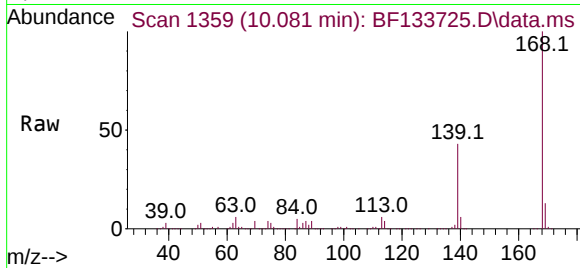
Tgt Ion:184 Resp: 87445
Ion Ratio Lower Upper
184 100
63 67.6 55.3 82.9
154 69.8 51.9 77.9





#55
Dibenzenofuran
Concen: 40.124 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

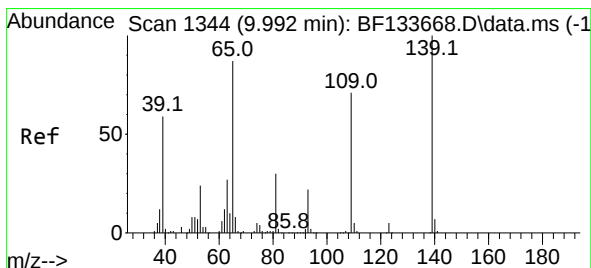
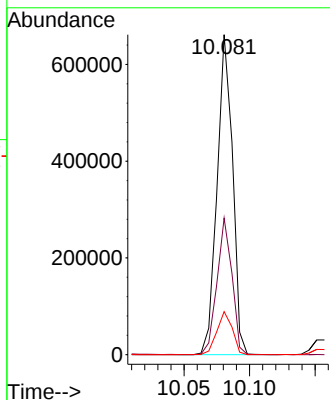
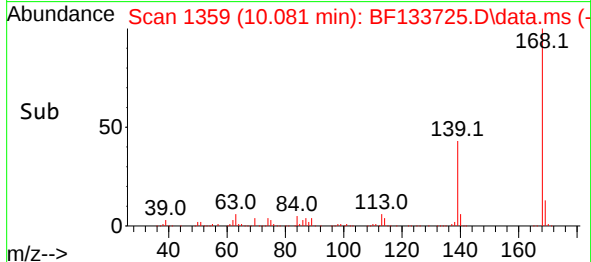
Instrument :
BNA_F
ClientSampleId :
SB32BMS



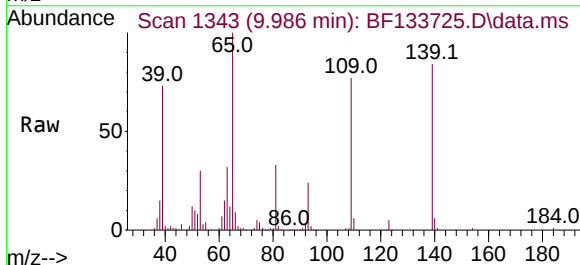
Tgt Ion:168 Resp: 53973
Ion Ratio Lower Upper
168 100
139 42.7 30.9 46.3
169 13.5 10.9 16.3

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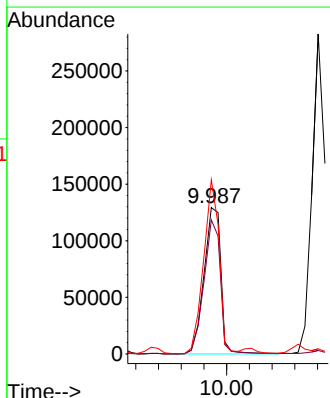
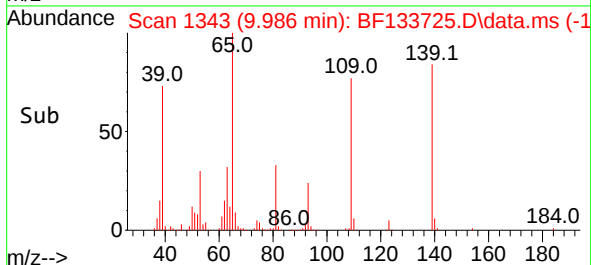
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

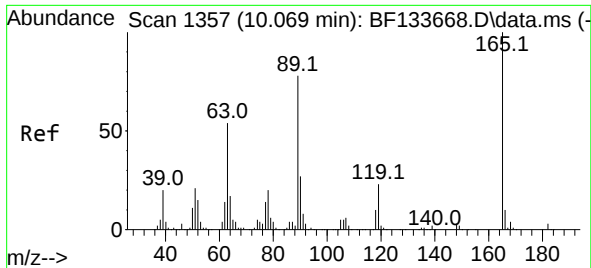


#56
4-Nitrophenol
Concen: 70.347 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



Tgt Ion:139 Resp: 133137
Ion Ratio Lower Upper
139 100
109 91.6 50.7 90.7#
65 119.0 67.1 107.1#





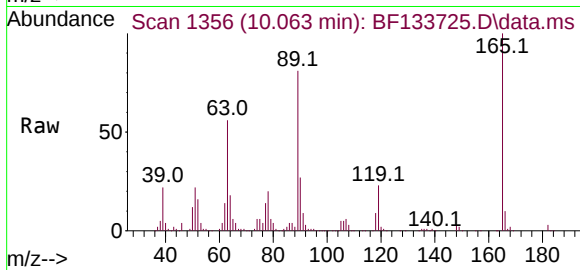
#57
2,4-Dinitrotoluene
Concen: 38.142 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

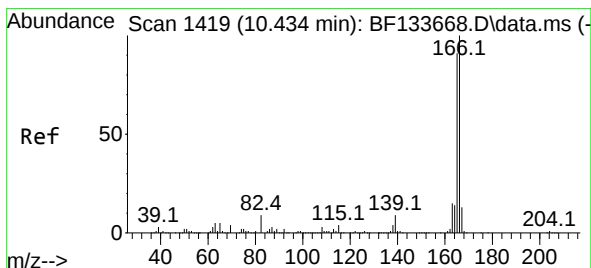
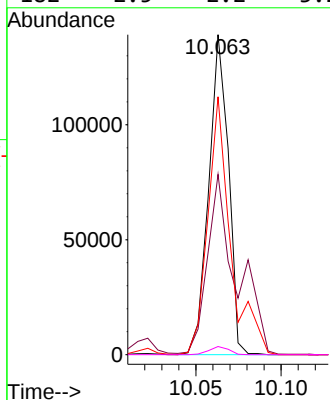
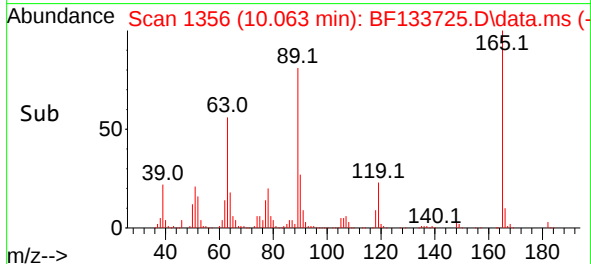


Tgt Ion:165 Resp: 11178
Ion Ratio Lower Upper
165 100
63 56.4 43.0 64.6
89 80.6 62.6 93.8
182 2.5 2.2 3.2

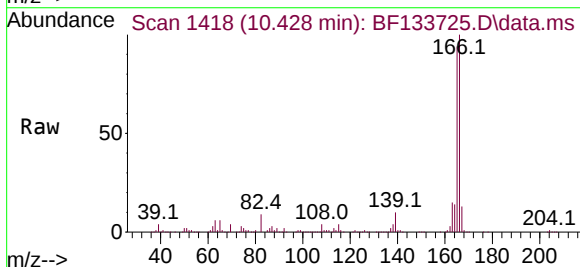
Manual Integrations

APPROVED

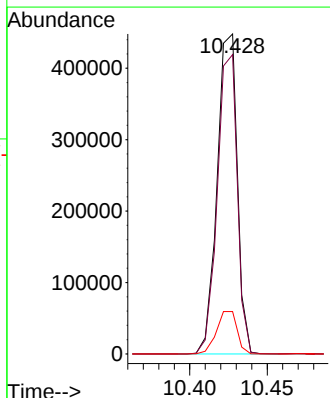
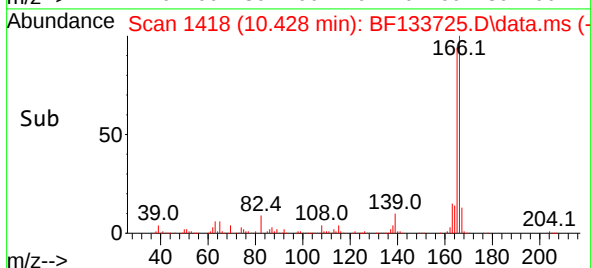
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

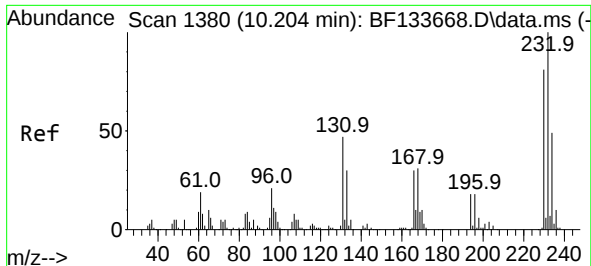


#58
Fluorene
Concen: 39.492 ng
RT: 10.428 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



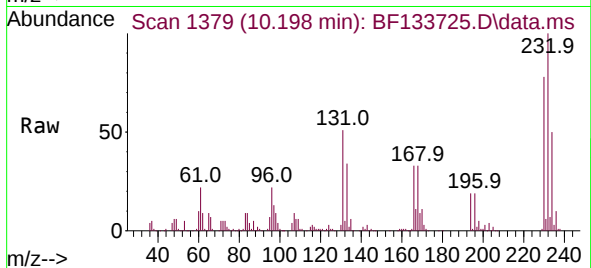
Tgt Ion:166 Resp: 406242
Ion Ratio Lower Upper
166 100
165 93.6 73.1 109.7
167 13.3 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 38.669 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

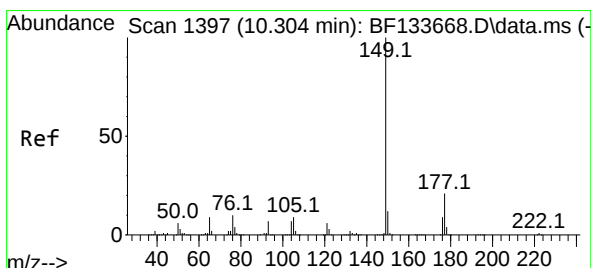
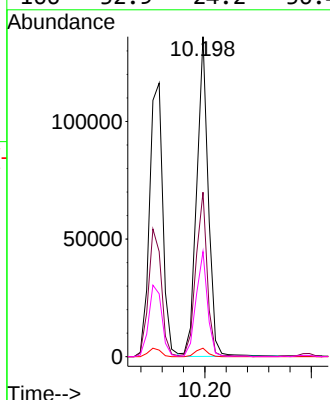
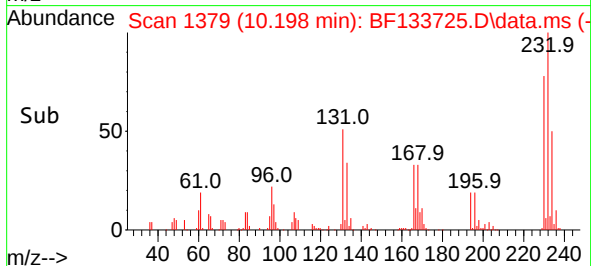
Instrument :
BNA_F
ClientSampleId :
SB32BMS



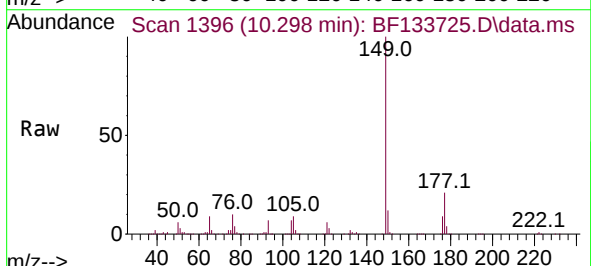
Tgt Ion:232 Resp: 10234
Ion Ratio Lower Upper
232 100
131 51.0 38.0 57.0
130 2.8 1.8 2.8
166 32.9 24.2 36.4

Manual Integrations
APPROVED

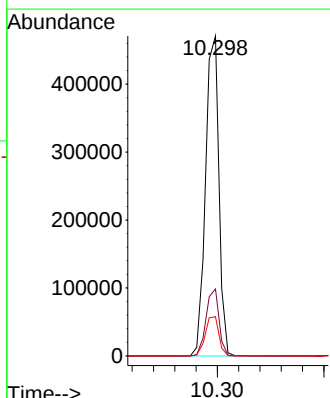
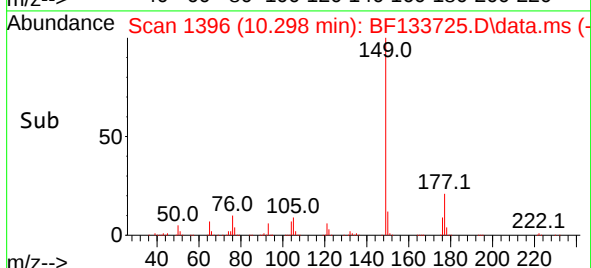
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

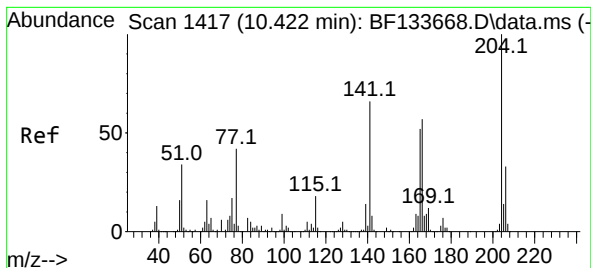


#60
Diethylphthalate
Concen: 36.273 ng
RT: 10.298 min Scan# 1396
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



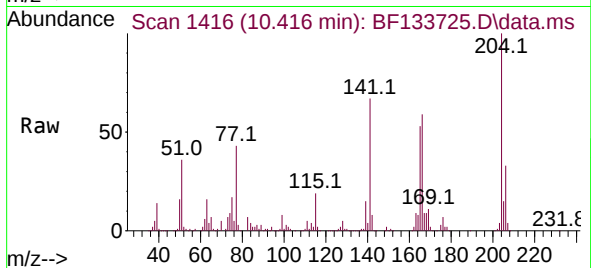
Tgt Ion:149 Resp: 412150
Ion Ratio Lower Upper
149 100
177 20.9 17.0 25.6
150 12.3 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.750 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

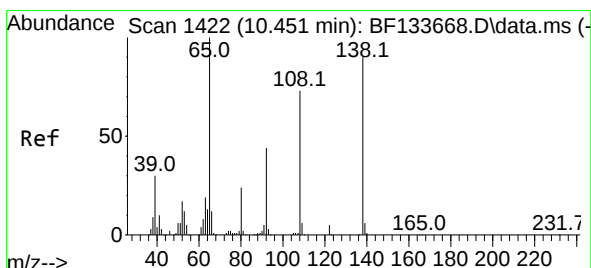
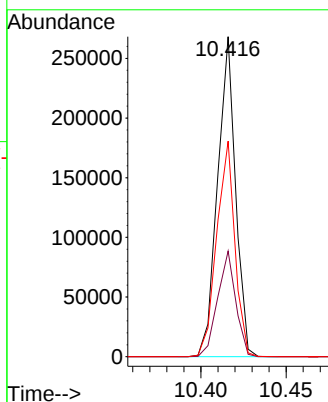
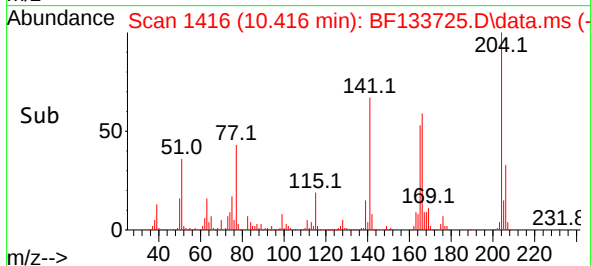
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:204 Resp: 19678
Ion Ratio Lower Upper
204 100
206 33.0 26.4 39.6
141 67.3 52.8 79.2

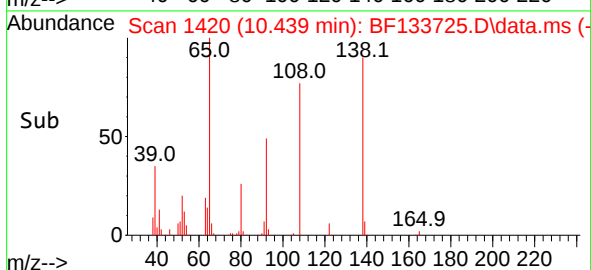
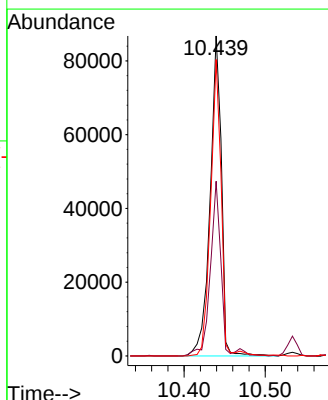
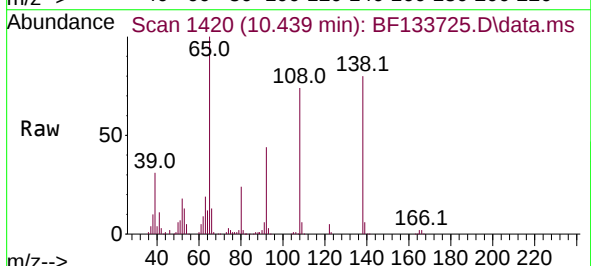
Manual Integrations
APPROVED

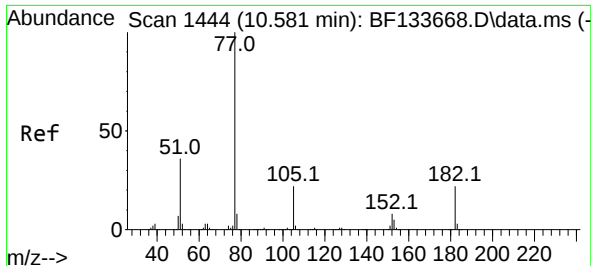
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#62
4-Nitroaniline
Concen: 30.409 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

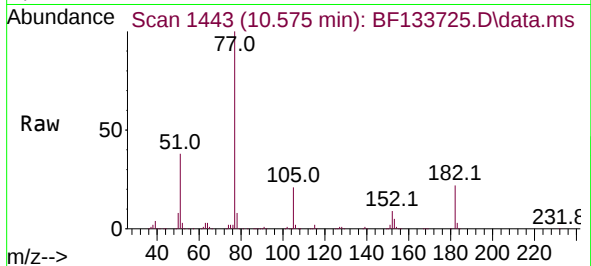
Tgt Ion:138 Resp: 83611
Ion Ratio Lower Upper
138 100
92 54.6 28.9 68.9
108 92.6 61.0 101.0





#63
Azobenzene
Concen: 39.639 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

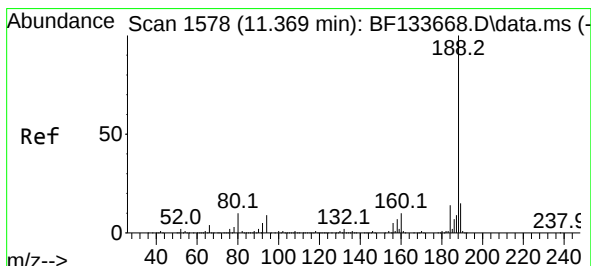
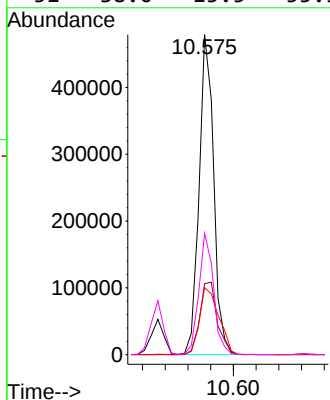
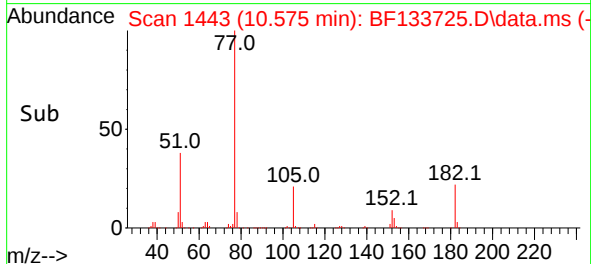
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion: 77 Resp: 42637
Ion Ratio Lower Upper
77 100
182 22.2 1.6 41.6
105 21.0 1.6 41.6
51 38.0 15.5 55.5

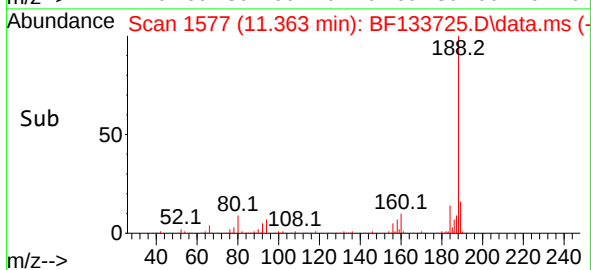
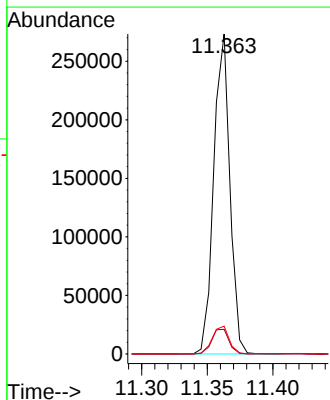
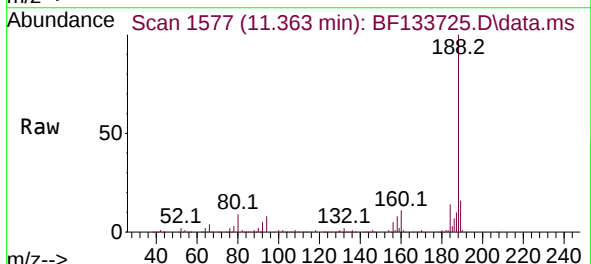
Manual Integrations
APPROVED

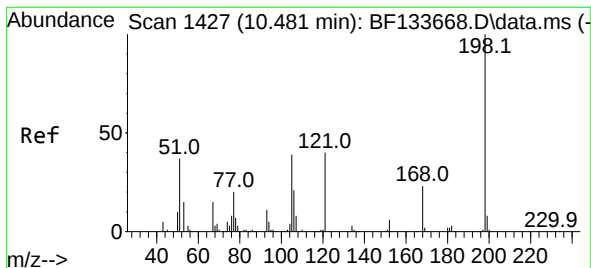
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

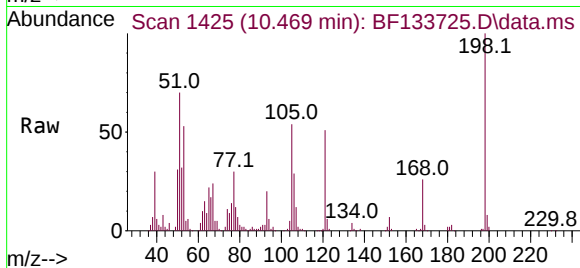
Tgt Ion:188 Resp: 233053
Ion Ratio Lower Upper
188 100
94 7.7 6.8 10.2
80 8.7 7.8 11.6





#65
4,6-Dinitro-2-methylphenol
Concen: 47.217 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

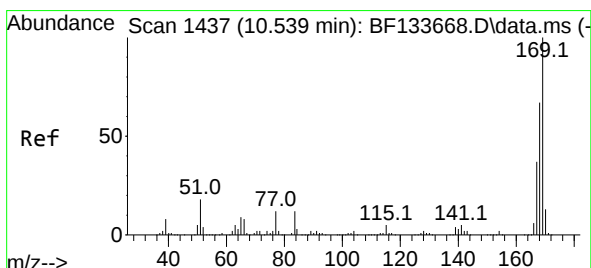
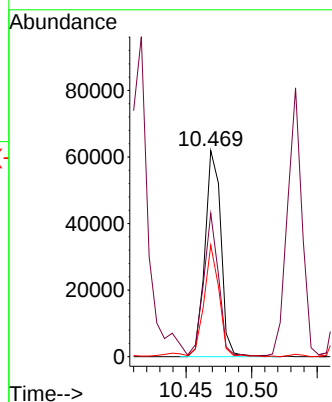
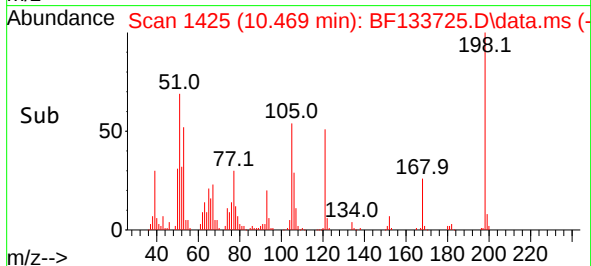
Instrument :
BNA_F
ClientSampleId :
SB32BMS



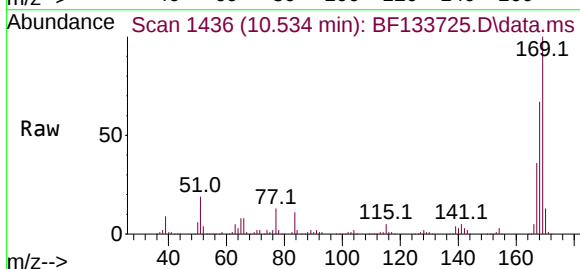
Tgt Ion:198 Resp: 5258
Ion Ratio Lower Upper
198 100
51 69.6 27.5 67.5
105 54.1 21.0 61.0

Manual Integrations
APPROVED

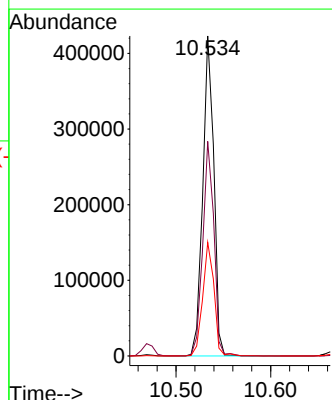
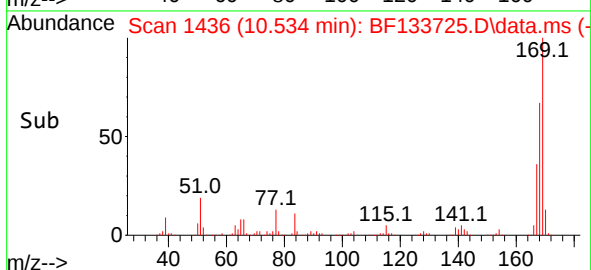
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#66
n-Nitrosodiphenylamine
Concen: 43.868 ng
RT: 10.534 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



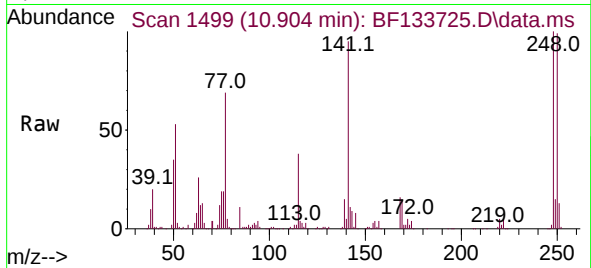
Tgt Ion:169 Resp: 343408
Ion Ratio Lower Upper
169 100
168 67.0 53.7 80.5
167 35.5 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 43.026 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

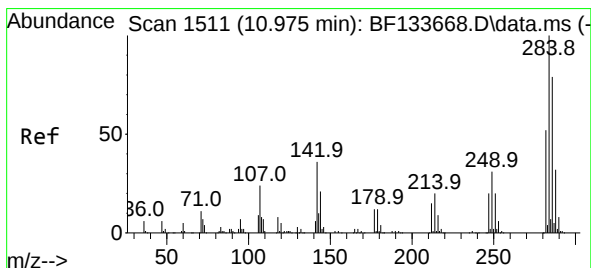
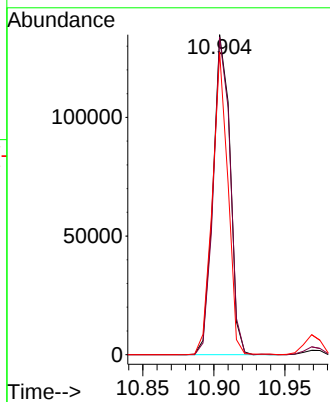
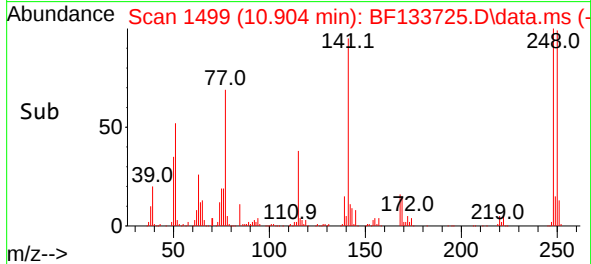
Instrument :
BNA_F
ClientSampleId :
SB32BMS



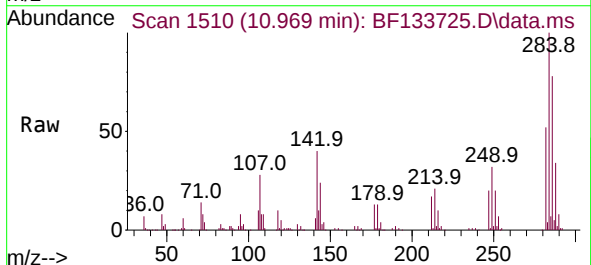
Tgt Ion:248 Resp: 11191
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 94.6 69.0 103.6

Manual Integrations
APPROVED

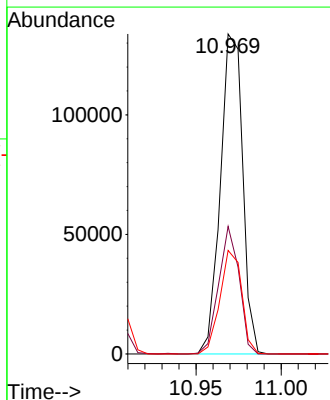
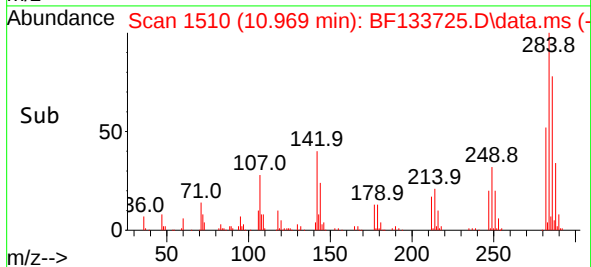
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

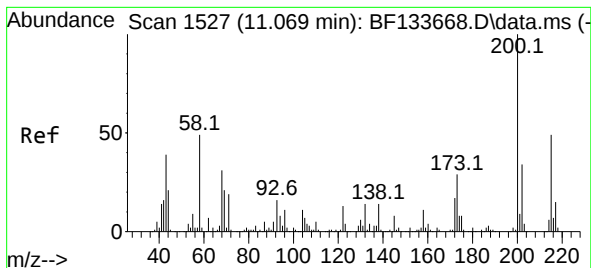


#68
Hexachlorobenzene
Concen: 44.532 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



Tgt Ion:284 Resp: 121811
Ion Ratio Lower Upper
284 100
142 39.8 28.6 42.8
249 32.3 24.6 36.8





#69

Atrazine

Concen: 42.991 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

Tgt Ion:200 Resp: 9764

Ion Ratio Lower Upper

200 100

173 25.0 8.7 48.7

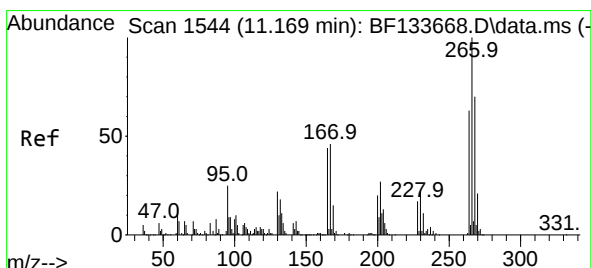
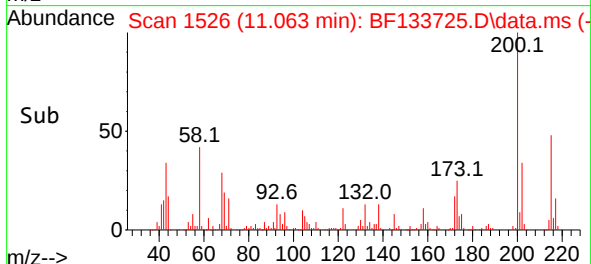
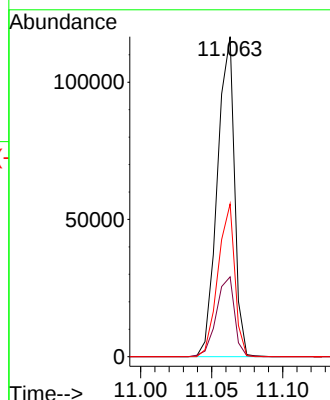
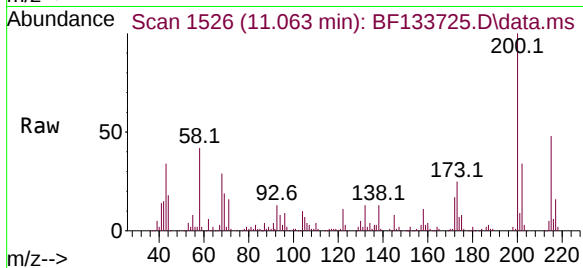
215 47.8 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 69.668 ng

RT: 11.169 min Scan# 1544

Delta R.T. 0.000 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

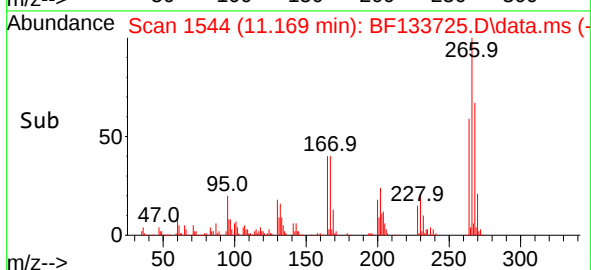
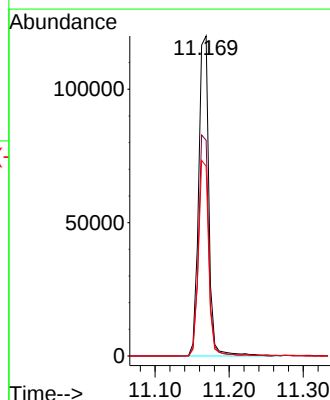
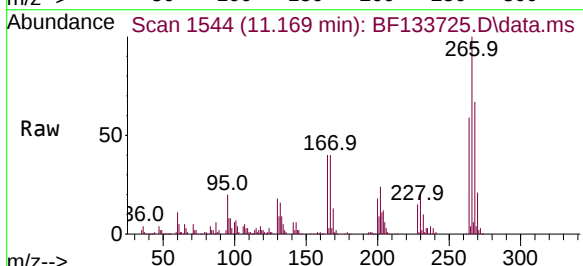
Tgt Ion:266 Resp: 114112

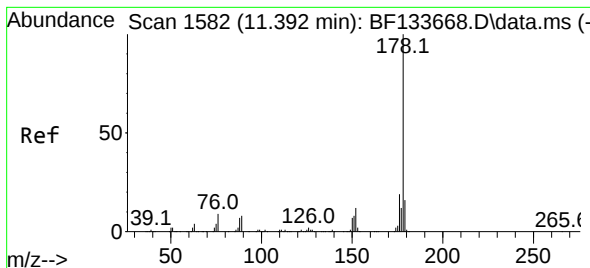
Ion Ratio Lower Upper

266 100

268 67.4 55.7 83.5

264 59.3 50.7 76.1





#71

Phenanthrene

Concen: 41.900 ng

RT: 11.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

Tgt Ion:178 Resp: 495424

Ion Ratio Lower Upper

178 100

176 19.7 15.6 23.4

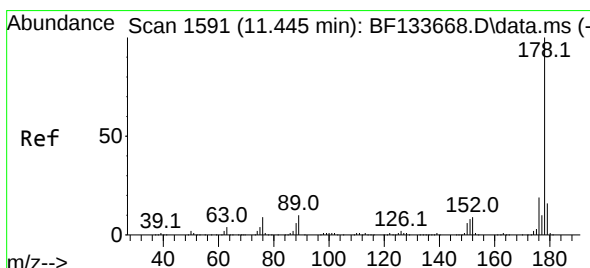
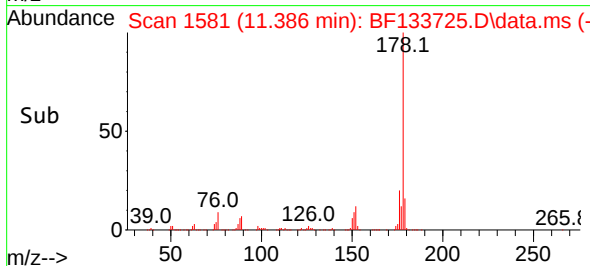
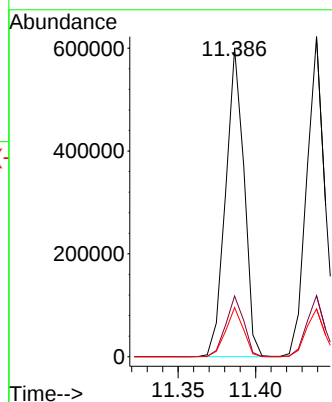
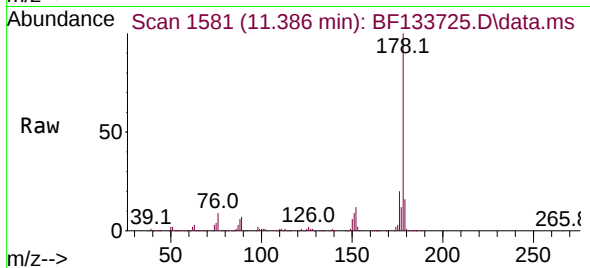
179 15.9 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#72

Anthracene

Concen: 40.377 ng

RT: 11.439 min Scan# 1590

Delta R.T. -0.006 min

Lab File: BF133725.D

Acq: 13 Jun 2023 12:05

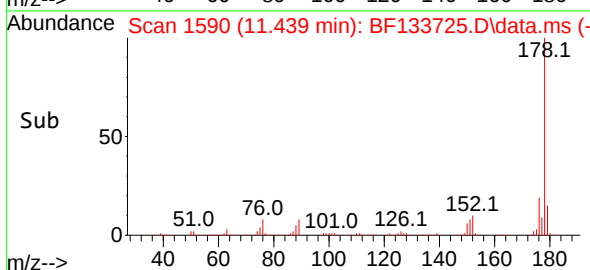
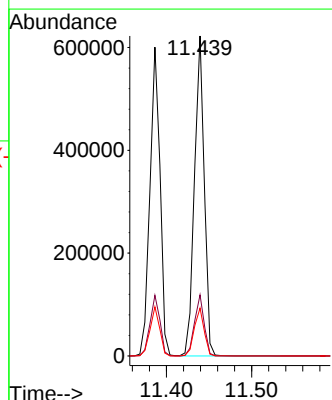
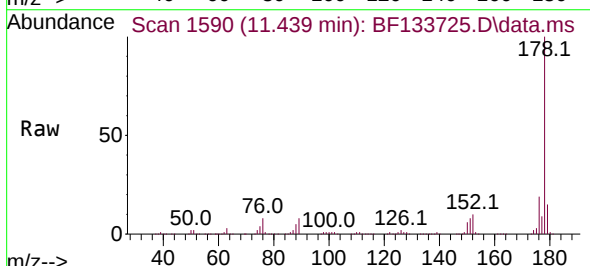
Tgt Ion:178 Resp: 497801

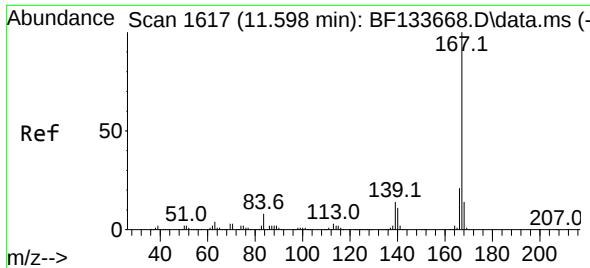
Ion Ratio Lower Upper

178 100

176 19.1 15.1 22.7

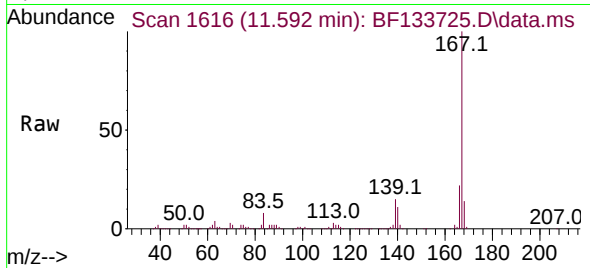
179 15.0 12.6 18.8





#73
 Carbazole
 Concen: 37.101 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. -0.006 min
 Lab File: BF133725.D
 Acq: 13 Jun 2023 12:05

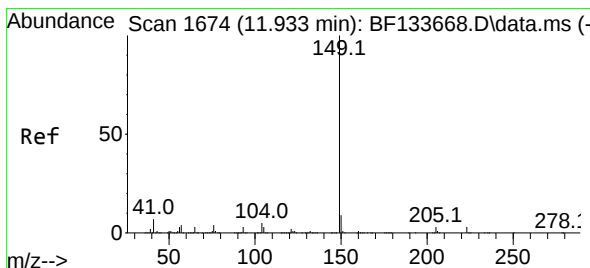
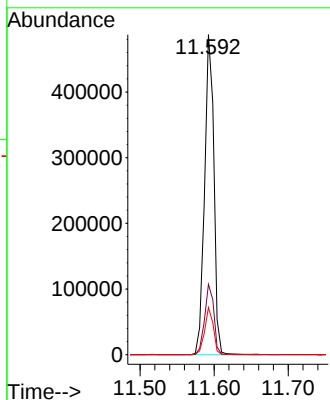
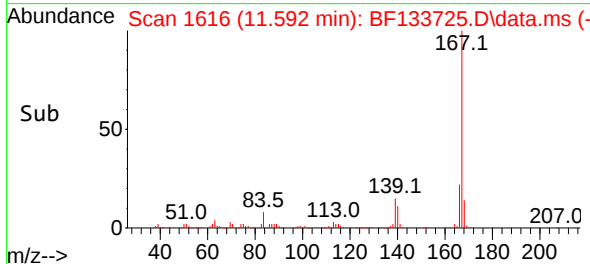
Instrument :
 BNA_F
 ClientSampleId :
 SB32BMS



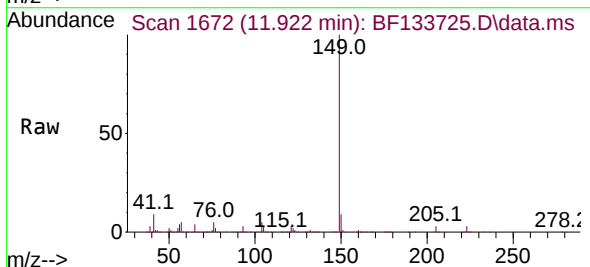
Tgt Ion:167 Resp: 426017
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.0 25.6
 139 14.8 11.2 16.8

Manual Integrations
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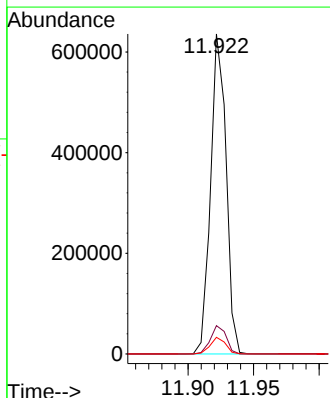
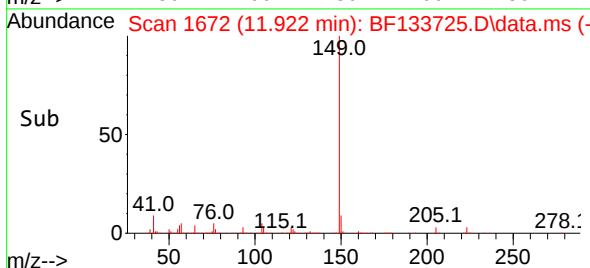
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

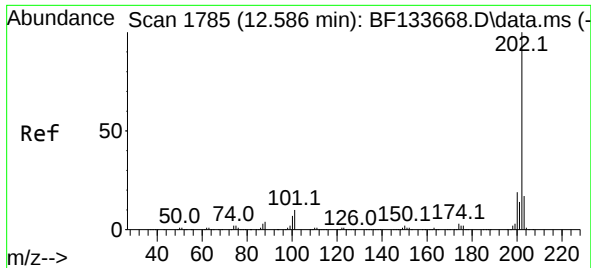


#74
 Di-n-butylphthalate
 Concen: 35.544 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF133725.D
 Acq: 13 Jun 2023 12:05



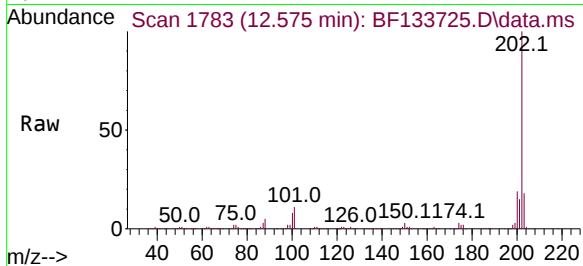
Tgt Ion:149 Resp: 523220
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.4 11.0
 104 5.2 3.8 5.8





#75
Fluoranthene
Concen: 36.862 ng
RT: 12.575 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

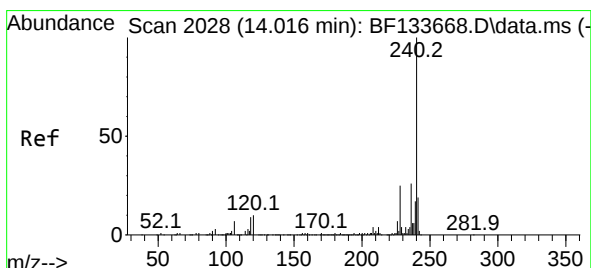
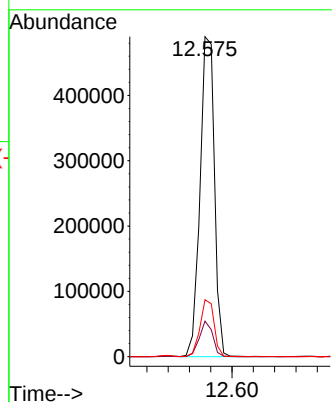
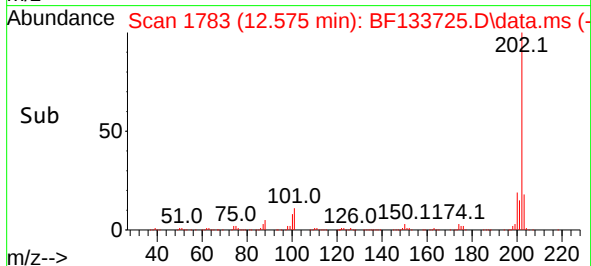
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:202 Resp: 462840
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.6
203 17.8 0.0 37.4

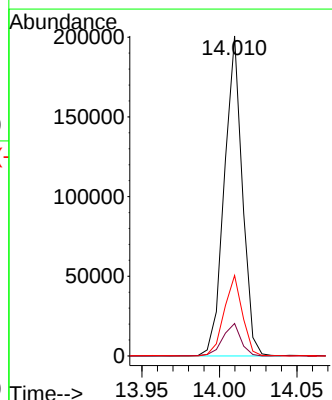
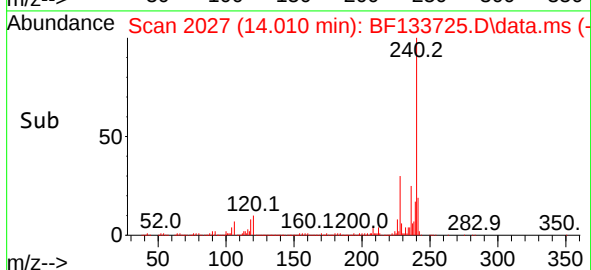
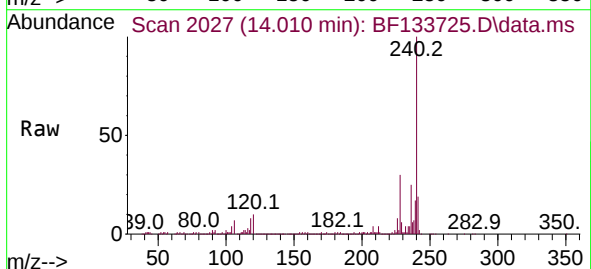
Manual Integrations
APPROVED

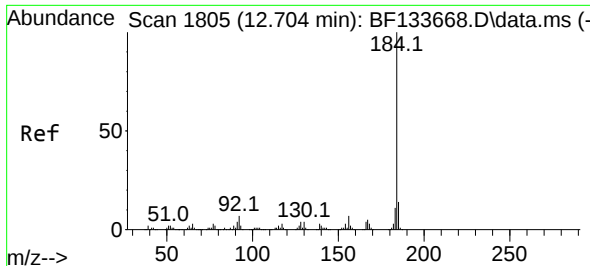
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

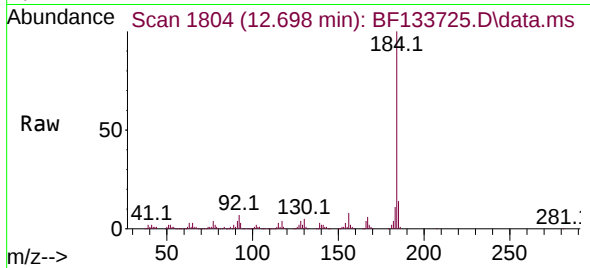
Tgt Ion:240 Resp: 161968
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 25.2 20.5 30.7





#77
Benzidine
Concen: 35.311 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

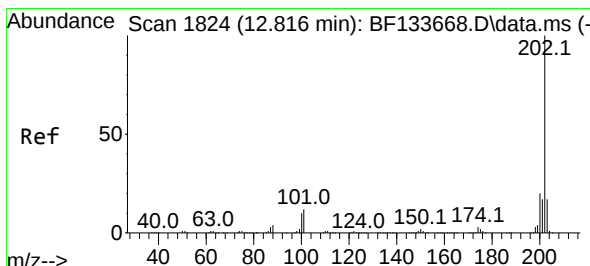
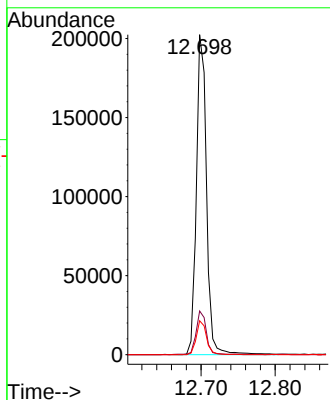
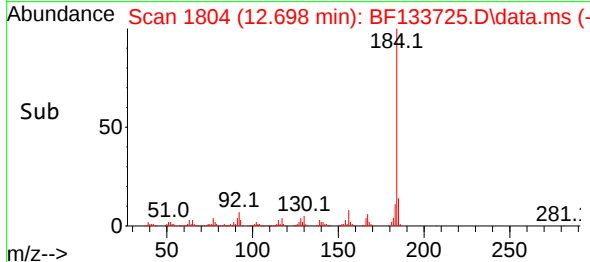
Instrument :
BNA_F
ClientSampleId :
SB32BMS



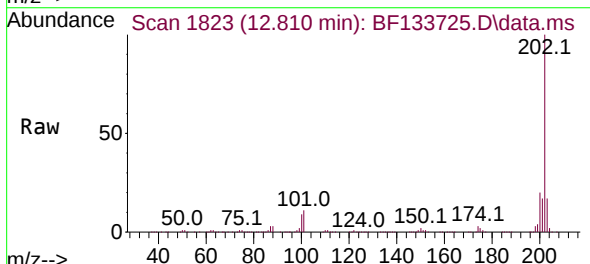
Tgt Ion:184 Resp: 191914
Ion Ratio Lower Upper
184 100
185 13.7 11.6 17.4
183 10.6 8.4 12.6

Manual Integrations
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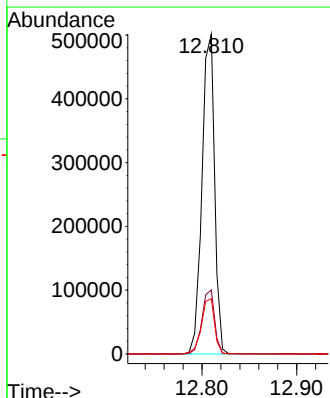
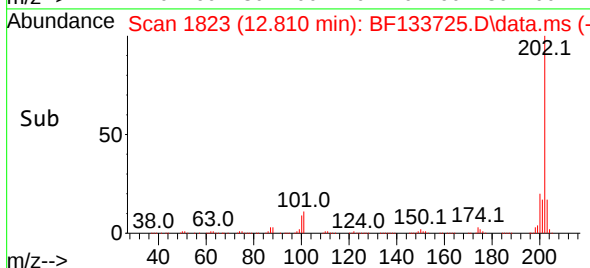
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

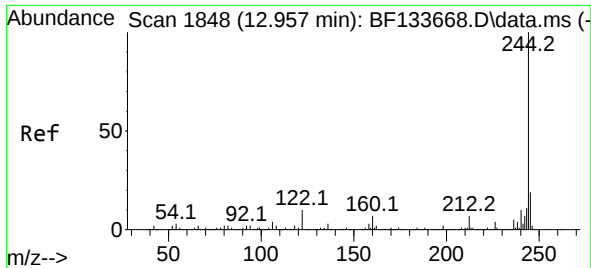


#78
Pyrene
Concen: 30.889 ng
RT: 12.810 min Scan# 1823
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



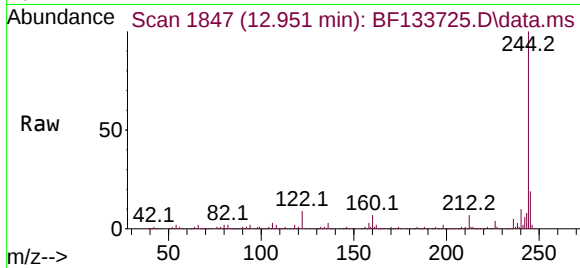
Tgt Ion:202 Resp: 466047
Ion Ratio Lower Upper
202 100
200 20.0 16.2 24.2
203 17.2 13.9 20.9





#79
 Terphenyl-d14
 Concen: 40.424 ng
 RT: 12.951 min Scan# 1847
 Delta R.T. -0.006 min
 Lab File: BF133725.D
 Acq: 13 Jun 2023 12:05

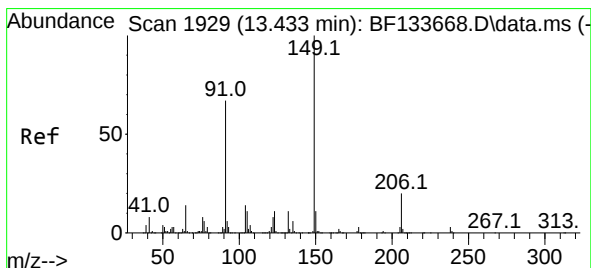
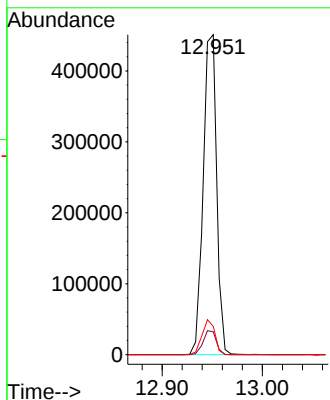
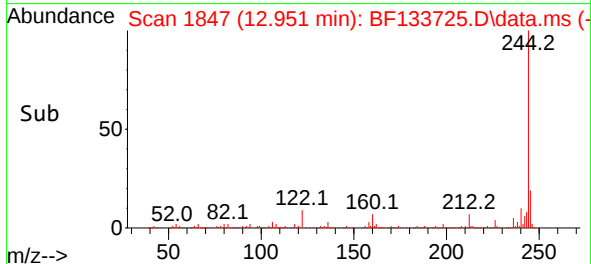
Instrument :
 BNA_F
 ClientSampleId :
 SB32BMS



Tgt Ion:244 Resp: 423139
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.4 8.2
 122 8.8 8.1 12.1

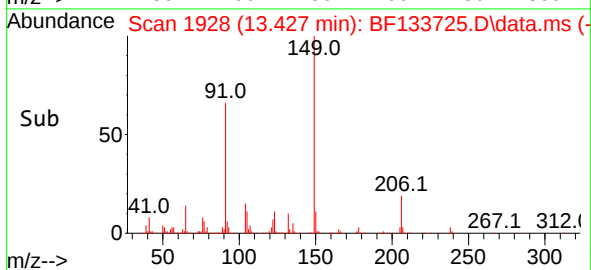
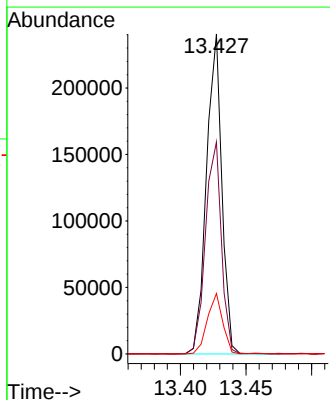
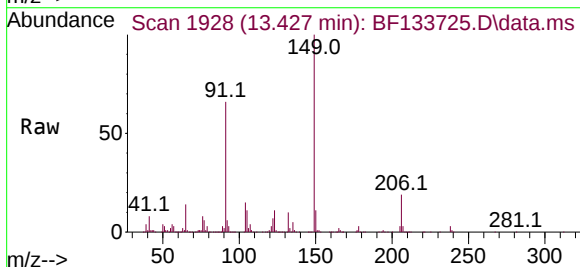
Manual Integrations
 APPROVED

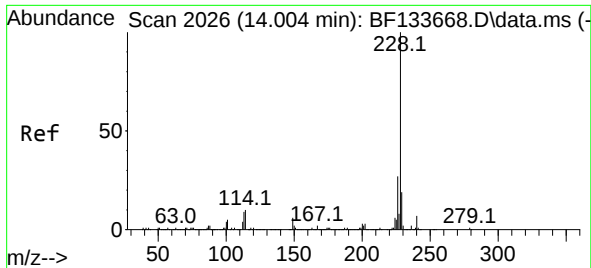
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#80
 Butylbenzylphthalate
 Concen: 30.888 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. -0.006 min
 Lab File: BF133725.D
 Acq: 13 Jun 2023 12:05

Tgt Ion:149 Resp: 196743
 Ion Ratio Lower Upper
 149 100
 91 66.3 54.0 81.0
 206 18.9 15.6 23.4





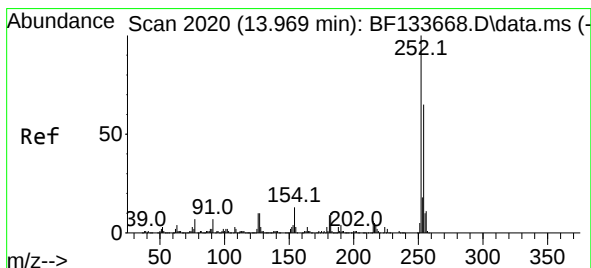
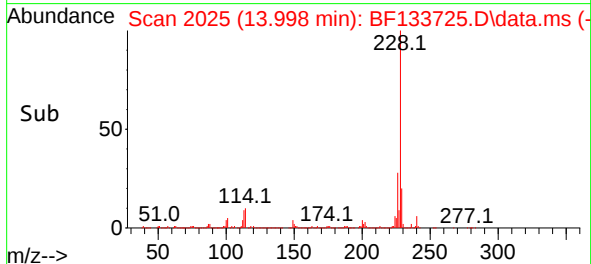
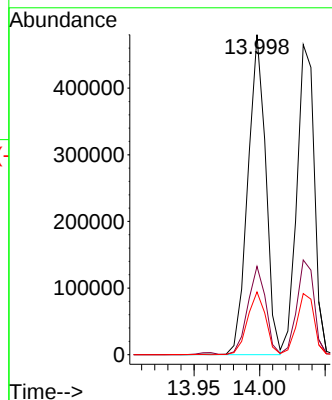
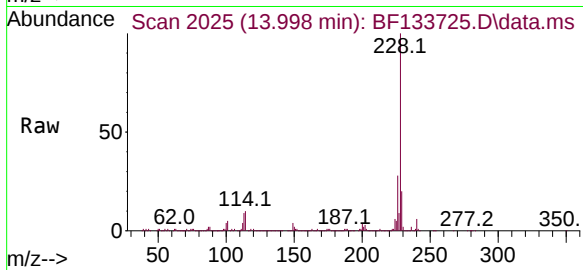
#81
Benzo(a)anthracene
Concen: 40.622 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :
BNA_F
ClientSampleId :
SB32BMS

Tgt Ion:228 Resp: 45510
Ion Ratio Lower Upper
228 100
226 27.6 21.7 32.5
229 19.6 15.4 23.2

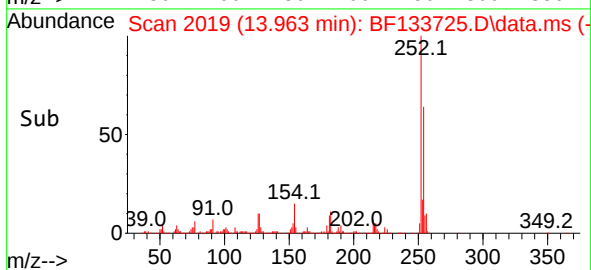
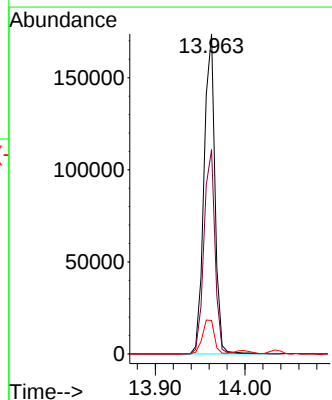
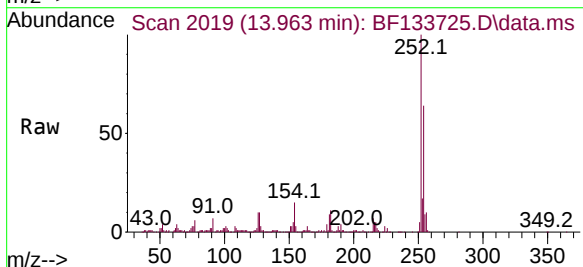
Manual Integrations
APPROVED

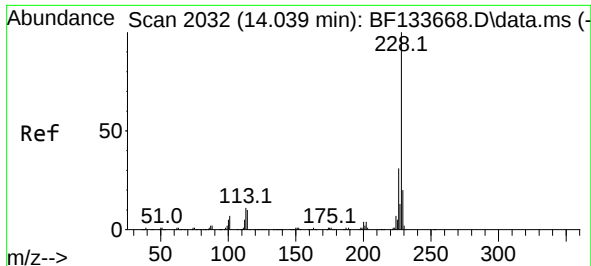
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#82
3,3'-Dichlorobenzidine
Concen: 39.556 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

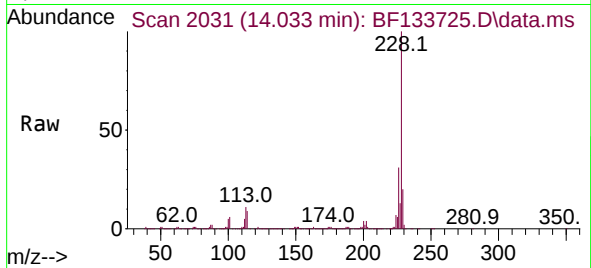
Tgt Ion:252 Resp: 147334
Ion Ratio Lower Upper
252 100
254 63.9 51.9 77.9
126 10.4 7.7 11.5





#83
Chrysene
Concen: 40.534 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

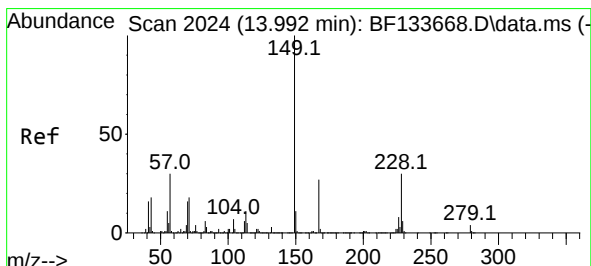
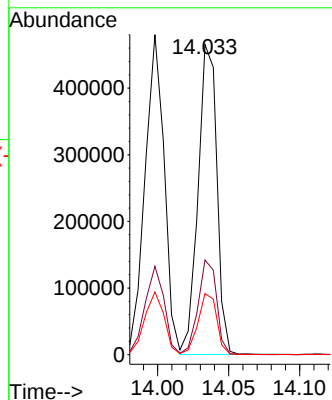
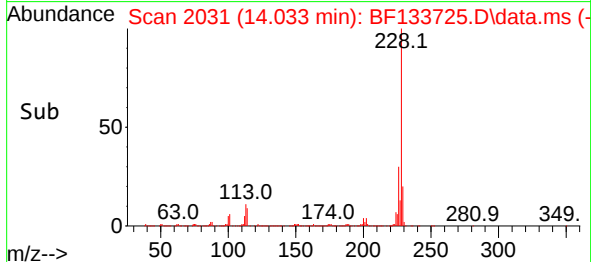
Instrument :
BNA_F
ClientSampleId :
SB32BMS



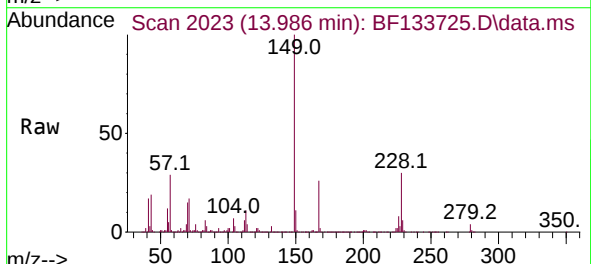
Tgt Ion:228 Resp: 429517
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.6
229 19.7 15.8 23.8

Manual Integrations
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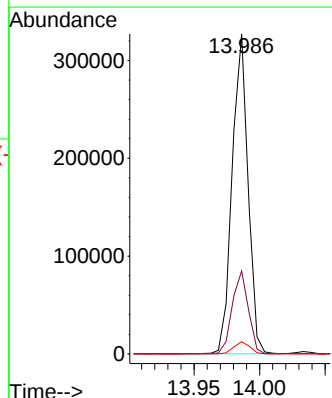
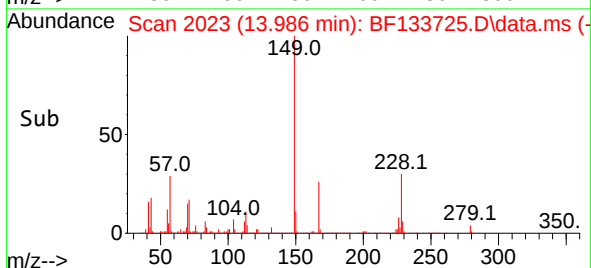
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

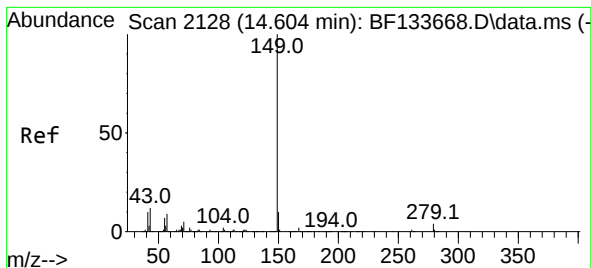


#84
Bis(2-ethylhexyl)phthalate
Concen: 35.060 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05



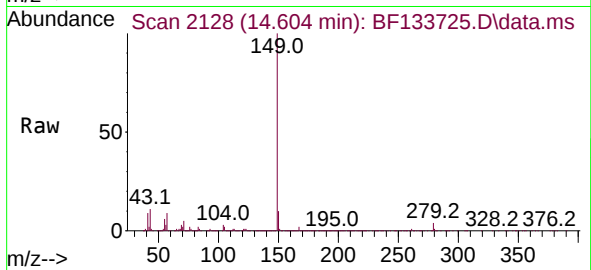
Tgt Ion:149 Resp: 274969
Ion Ratio Lower Upper
149 100
167 25.9 21.8 32.8
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 47.948 ng
RT: 14.604 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

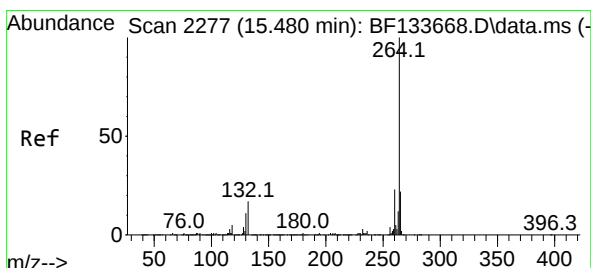
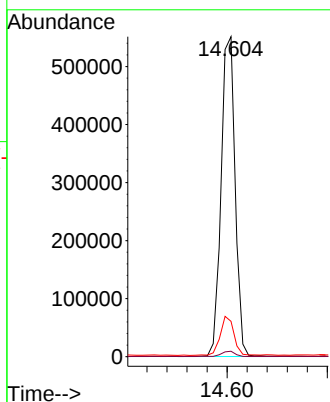
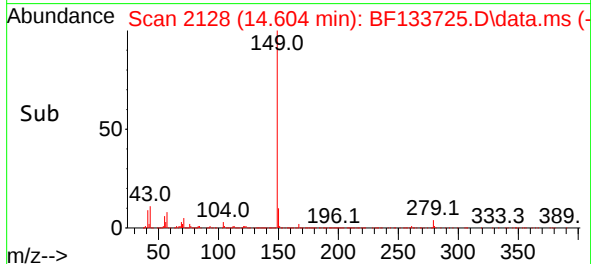
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:149 Resp: 534382
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 11.9 8.7 13.1

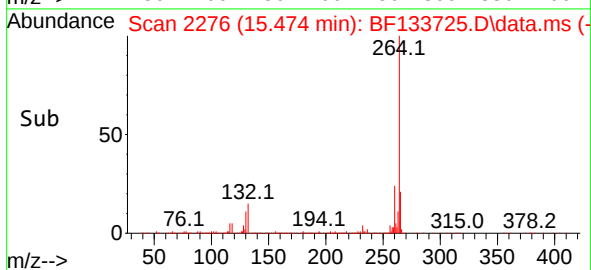
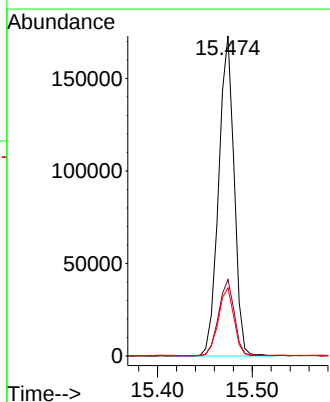
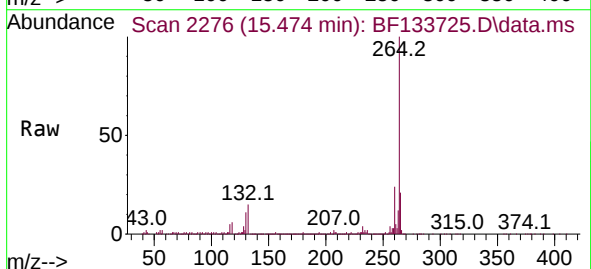
Manual Integrations
APPROVED

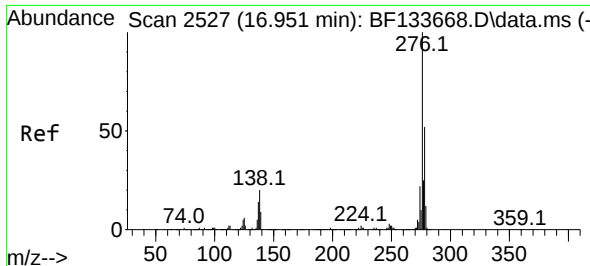
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2276
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

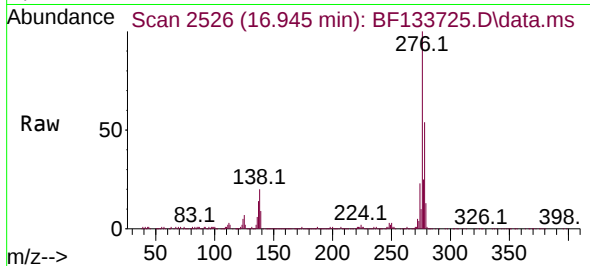
Tgt Ion:264 Resp: 197092
Ion Ratio Lower Upper
264 100
260 23.9 18.2 27.2
265 21.2 17.8 26.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.277 ng
RT: 16.945 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

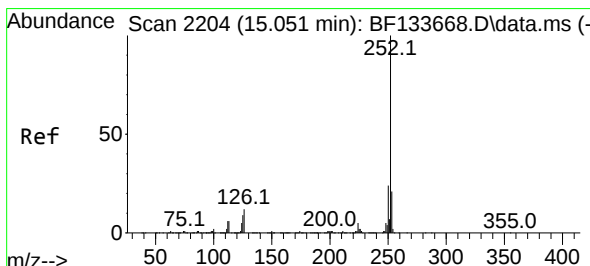
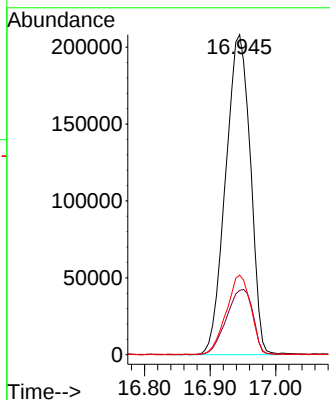
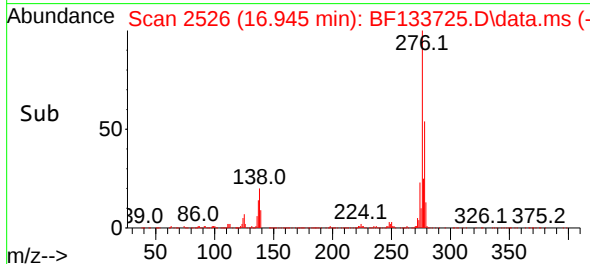
Instrument :
BNA_F
ClientSampleId :
SB32BMS



Tgt Ion:276 Resp: 546135
Ion Ratio Lower Upper
276 100
138 22.0 17.9 26.9
277 24.6 20.3 30.5

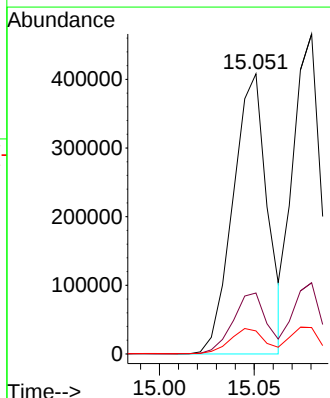
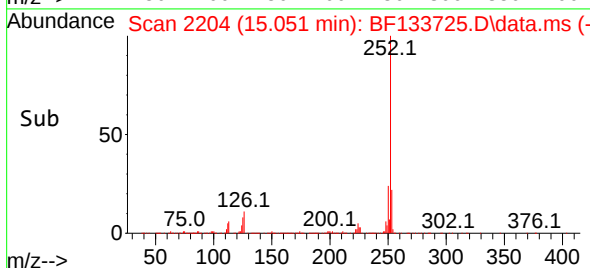
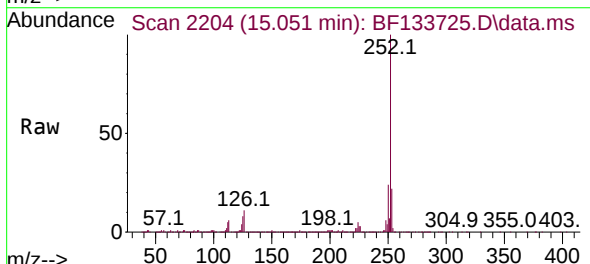
Manual Integrations
APPROVED

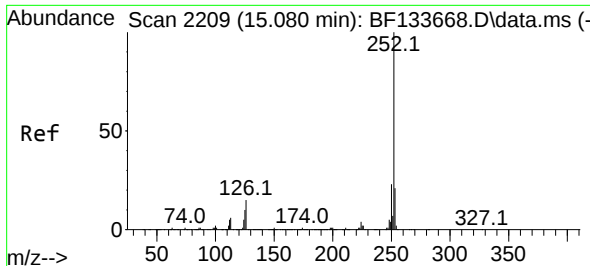
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#88
Benzo(b)fluoranthene
Concen: 43.001 ng
RT: 15.051 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:252 Resp: 514824
Ion Ratio Lower Upper
252 100
253 21.8 17.0 25.6
125 8.2 7.3 10.9





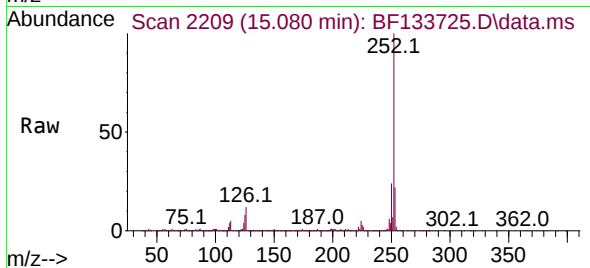
#89
Benzo(k)fluoranthene
Concen: 40.023 ng
RT: 15.080 min Scan# 2209
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :

BNA_F

ClientSampleId :

SB32BMS

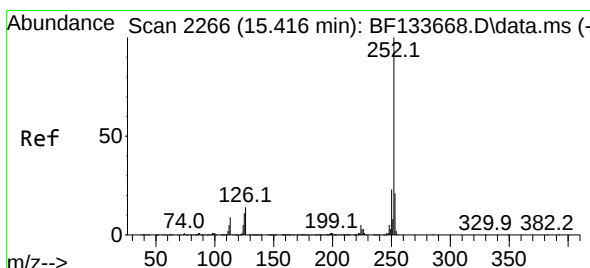
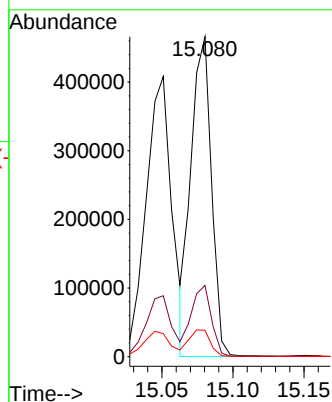
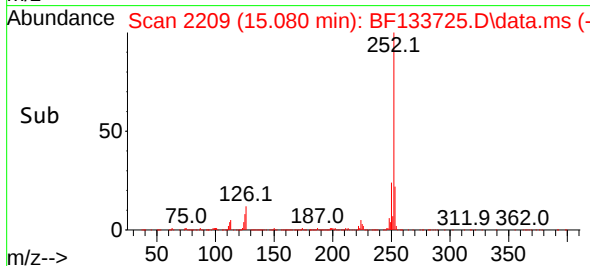


Tgt Ion:252 Resp: 466775
Ion Ratio Lower Upper
252 100
253 22.3 17.0 25.4
125 8.2 7.8 11.6

Manual Integrations

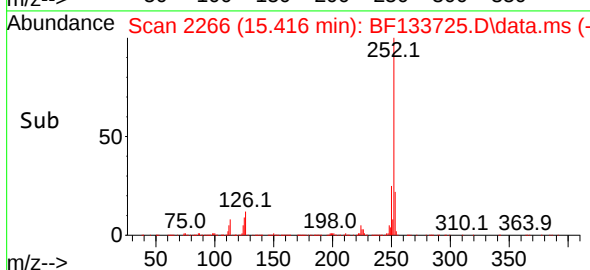
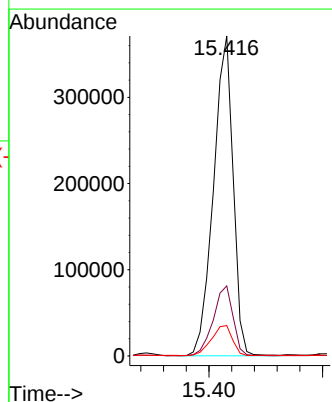
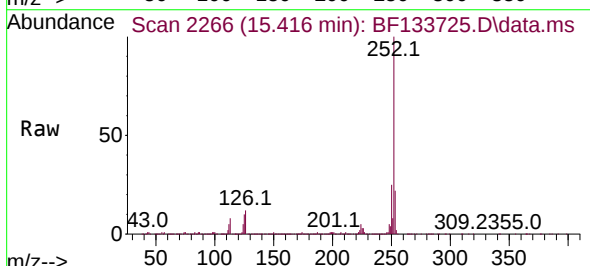
APPROVED

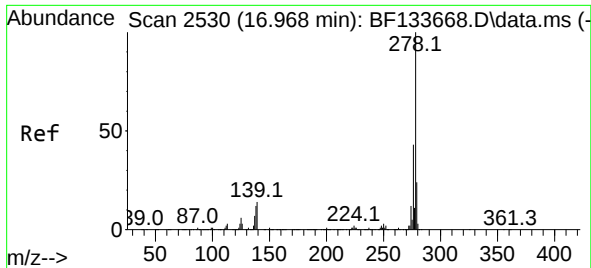
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#90
Benzo(a)pyrene
Concen: 39.990 ng
RT: 15.416 min Scan# 2266
Delta R.T. -0.006 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:252 Resp: 444344
Ion Ratio Lower Upper
252 100
253 21.9 17.1 25.7
125 9.5 8.6 13.0





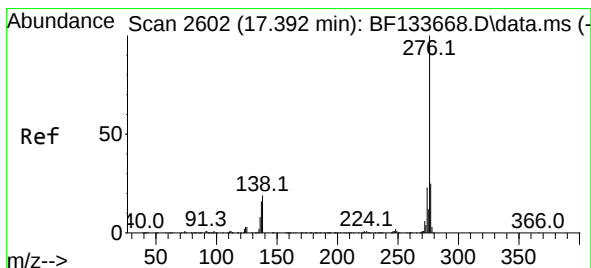
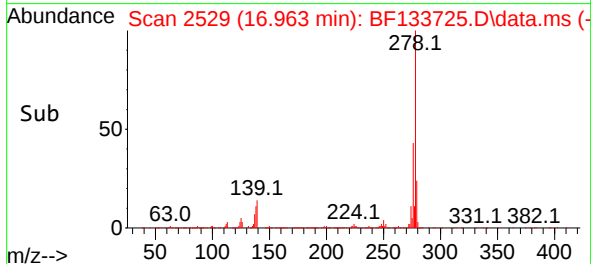
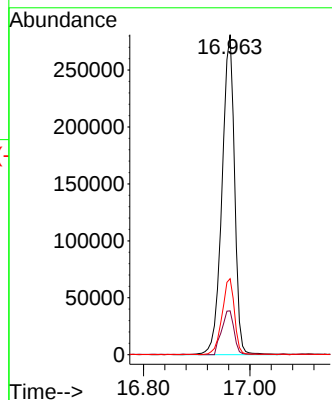
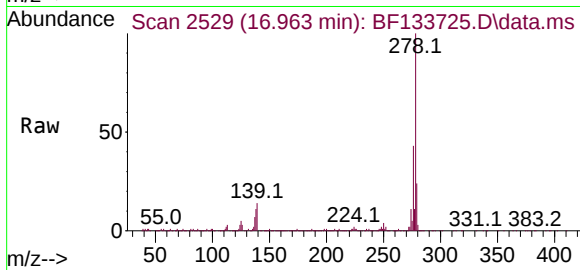
#91
Dibenzo(a,h)anthracene
Concen: 40.891 ng
RT: 16.963 min Scan# 2529
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Instrument :
BNA_F
ClientSampleId :
SB32BMS

Tgt Ion:278 Resp: 45903
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 23.7 19.0 28.4

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#92
Benzo(g,h,i)perylene
Concen: 37.051 ng
RT: 17.392 min Scan# 2602
Delta R.T. -0.012 min
Lab File: BF133725.D
Acq: 13 Jun 2023 12:05

Tgt Ion:276 Resp: 412378
Ion Ratio Lower Upper
276 100
277 22.9 19.8 29.8
138 18.5 15.0 22.4

