

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061323\
 Data File : BF133726.D
 Acq On : 13 Jun 2023 12:38
 Operator : CG\JU
 Sample : 03047-02MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD

Manual Integrations
 APPROVED

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

Quant Time: Jun 13 13:00:42 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	90886	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	337404	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	154543	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	239431	20.000	ng	0.00
76) Chrysene-d12	14.010	240	157759	20.000	ng	0.00
86) Perylene-d12	15.474	264	197128	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.451	112	407787	78.111	ng	0.00
7) Phenol-d6	6.469	99	500279	73.619	ng	0.00
23) Nitrobenzene-d5	7.398	82	341765	55.171	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	127080	64.961	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	596058	54.827	ng	0.00
79) Terphenyl-d14	12.945	244	423496	41.538	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	82352	35.880	ng	96
3) Pyridine	3.363	79	207933	31.082	ng	93
4) n-Nitrosodimethylamine	3.316	42	159497	43.132	ng	92
6) Aniline	6.492	93	294539	34.413	ng	98
8) 2-Chlorophenol	6.616	128	237259	43.124	ng	99
9) Benzaldehyde	6.381	77	141763	31.443	ng	94
10) Phenol	6.481	94	286648	40.397	ng	94
11) bis(2-Chloroethyl)ether	6.569	93	218454	41.469	ng	95
12) 1,3-Dichlorobenzene	6.775	146	259642	44.170	ng	98
13) 1,4-Dichlorobenzene	6.851	146	262689	44.214	ng	97
14) 1,2-Dichlorobenzene	7.004	146	252853	47.099	ng	98
15) Benzyl Alcohol	6.975	79	223536	42.117	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.110	45	394415	44.168	ng	99
17) 2-Methylphenol	7.087	107	192096	39.392	ng	98
18) Hexachloroethane	7.345	117	101564	49.934	ng	98
19) n-Nitroso-di-n-propyla...	7.251	70	173691	40.173	ng	98
20) 3+4-Methylphenols	7.240	107	236776	37.325	ng	94
22) Acetophenone	7.245	105	333958	43.155	ng	# 95
24) Nitrobenzene	7.416	77	268099	42.981	ng	94
25) Isophorone	7.657	82	453018	39.834	ng	99
26) 2-Nitrophenol	7.734	139	125673	44.893	ng	95
27) 2,4-Dimethylphenol	7.769	122	197353	40.902	ng	97
28) bis(2-Chloroethoxy)met...	7.869	93	265355	40.370	ng	99
29) 2,4-Dichlorophenol	7.975	162	193348	40.886	ng	99
30) 1,2,4-Trichlorobenzene	8.057	180	208706	42.301	ng	98
31) Naphthalene	8.139	128	667544	40.609	ng	99
32) Benzoic acid	7.887	122	128921m	42.366	ng	
33) 4-Chloroaniline	8.187	127	187672	26.701	ng	99
34) Hexachlorobutadiene	8.251	225	137757	42.645	ng	99
35) Caprolactam	8.563	113	53971m	33.917	ng	
36) 4-Chloro-3-methylphenol	8.669	107	209023	38.347	ng	97
37) 2-Methylnaphthalene	8.834	142	441433	38.649	ng	95
38) 1-Methylnaphthalene	8.928	142	408759	38.892	ng	100
40) 1,2,4,5-Tetrachloroben...	8.998	216	208104	44.294	ng	98
41) Hexachlorocyclopentadiene	8.981	237	223253	106.632	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	133537	42.534	ng	98

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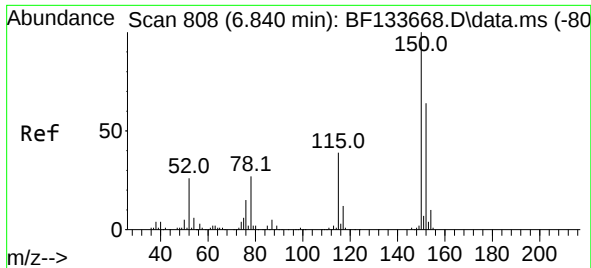
Quant Time: Jun 13 13:00:42 2023
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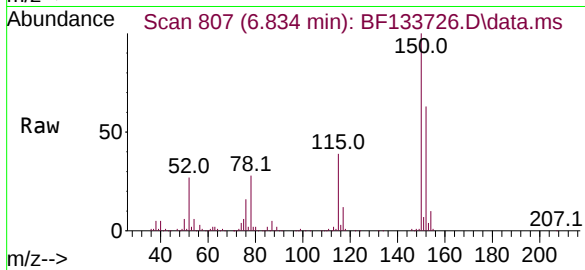
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	138360	37.881	ng	96
46) 1,1'-Biphenyl	9.298	154	545526	43.768	ng	99
47) 2-Chloronaphthalene	9.322	162	391566	43.796	ng	99
48) 2-Nitroaniline	9.416	65	131647	40.261	ng	93
49) Acenaphthylene	9.739	152	624522	40.133	ng	99
50) Dimethylphthalate	9.598	163	435516	37.755	ng	100
51) 2,6-Dinitrotoluene	9.657	165	94731	39.786	ng	# 71
52) Acenaphthene	9.910	154	369311m	40.545	ng	
53) 3-Nitroaniline	9.828	138	84817	29.272	ng	93
54) 2,4-Dinitrophenol	9.939	184	86648	74.866	ng	95
55) Dibenzofuran	10.081	168	557075	40.081	ng	97
56) 4-Nitrophenol	9.986	139	134689	68.876	ng	# 69
57) 2,4-Dinitrotoluene	10.063	165	113885	37.609	ng	97
58) Fluorene	10.422	166	416228	39.160	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.198	232	103662	37.908	ng	95
60) Diethylphthalate	10.292	149	428065	36.461	ng	98
61) 4-Chlorophenyl-phenyle...	10.416	204	200709	38.251	ng	99
62) 4-Nitroaniline	10.439	138	85167	29.978	ng	89
63) Azobenzene	10.575	77	441124	39.690	ng	97
65) 4,6-Dinitro-2-methylph...	10.469	198	54434	47.577	ng	# 72
66) n-Nitrosodiphenylamine	10.533	169	346524	43.086	ng	100
67) 4-Bromophenyl-phenylether	10.904	248	115911	43.374	ng	97
68) Hexachlorobenzene	10.969	284	124661	44.360	ng	93
69) Atrazine	11.063	200	99567	42.668	ng	98
70) Pentachlorophenol	11.163	266	117126	69.603	ng	96
71) Phenanthrene	11.386	178	505113	41.582	ng	100
72) Anthracene	11.439	178	497380	39.269	ng	99
73) Carbazole	11.592	167	441018	37.385	ng	99
74) Di-n-butylphthalate	11.922	149	531060	35.115	ng	99
75) Fluoranthene	12.574	202	462778	35.875	ng	98
77) Benzidine	12.698	184	198641	37.524	ng	99
78) Pyrene	12.804	202	467062	31.782	ng	99
80) Butylbenzylphthalate	13.427	149	197887	31.896	ng	97
81) Benzo(a)anthracene	13.998	228	448187	41.072	ng	99
82) 3,3'-Dichlorobenzidine	13.963	252	146477	40.375	ng	98
83) Chrysene	14.033	228	420086	40.702	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	268254	35.116	ng	99
85) Di-n-octyl phthalate	14.598	149	522088	48.094	ng	98
87) Indeno(1,2,3-cd)pyrene	16.939	276	539003	39.744	ng	100
88) Benzo(b)fluoranthene	15.045	252	529550	44.222	ng	100
89) Benzo(k)fluoranthene	15.074	252	447099	38.329	ng	98
90) Benzo(a)pyrene	15.410	252	444424	39.990	ng	99
91) Dibenzo(a,h)anthracene	16.957	278	451357	40.200	ng	99
92) Benzo(g,h,i)perylene	17.386	276	405036	36.385	ng	99

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

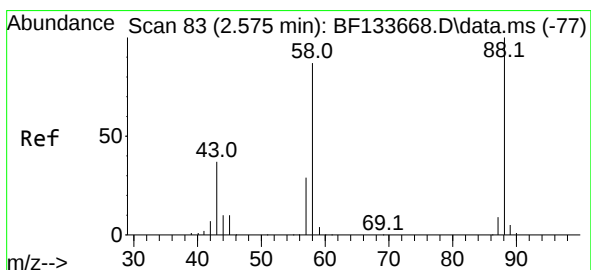
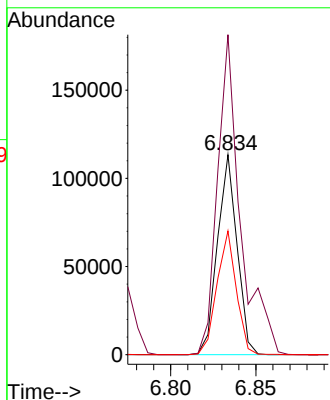
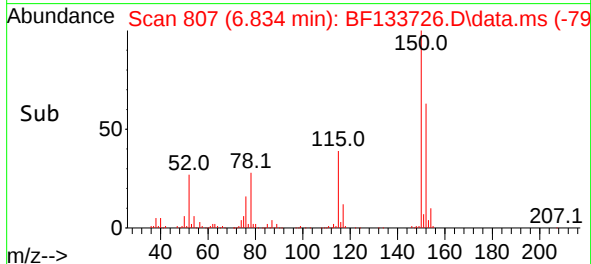
Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD



Tgt Ion:152 Resp: 90880
 Ion Ratio Lower Upper
 152 100
 150 159.9 124.3 186.5
 115 61.9 48.5 72.7

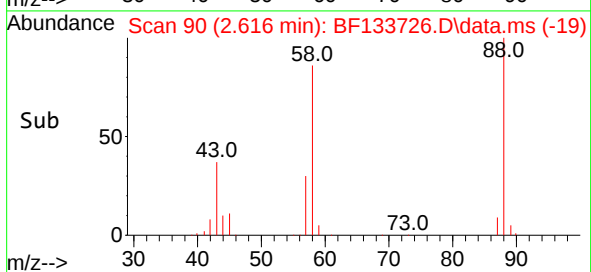
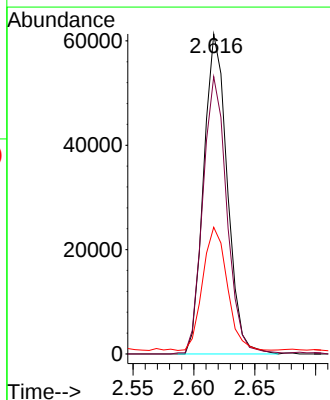
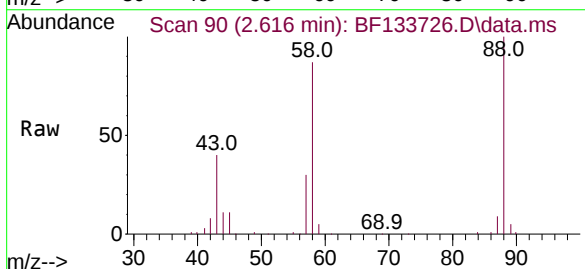
Manual Integrations
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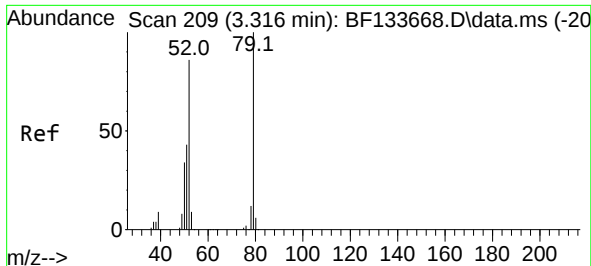
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#2
 1,4-Dioxane
 Concen: 35.880 ng
 RT: 2.616 min Scan# 90
 Delta R.T. 0.065 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

Tgt Ion: 88 Resp: 82352
 Ion Ratio Lower Upper
 88 100
 58 88.2 67.8 101.6
 43 40.0 29.8 44.6





#3

Pyridine

Concen: 31.082 ng

RT: 3.363 min Scan# 217

Delta R.T. 0.059 min

Lab File: BF133726.D

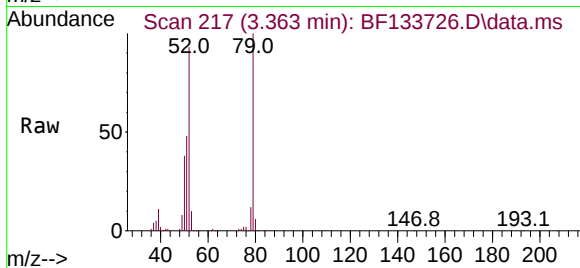
Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD



Tgt Ion: 79 Resp: 20793

Ion Ratio Lower Upper

79 100

52 92.6 68.6 102.8

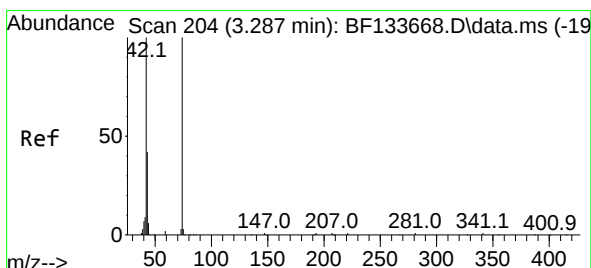
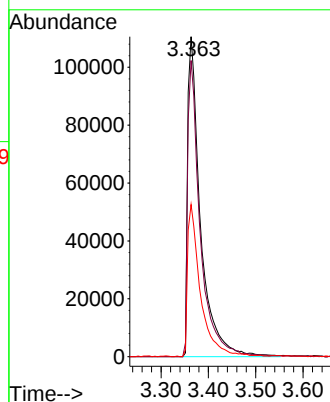
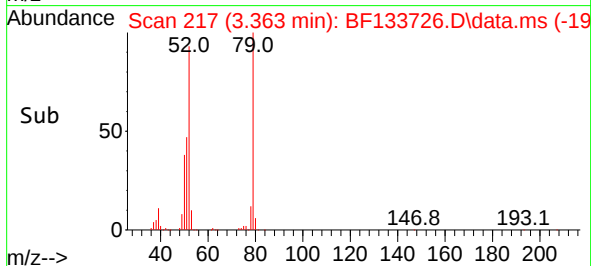
51 47.5 34.8 52.2

Manual Integrations

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Supervised By :mohammad ahmed 06/16/2023



#4

n-Nitrosodimethylamine

Concen: 43.132 ng

RT: 3.316 min Scan# 209

Delta R.T. 0.059 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

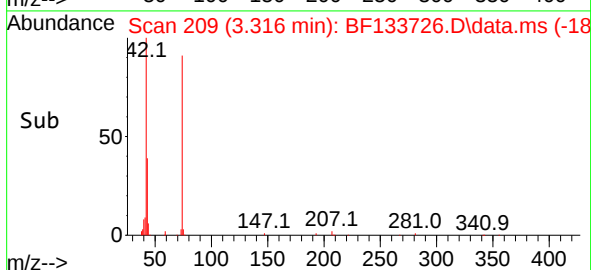
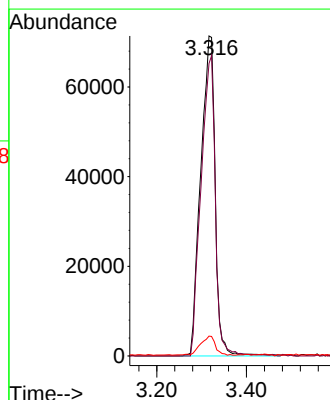
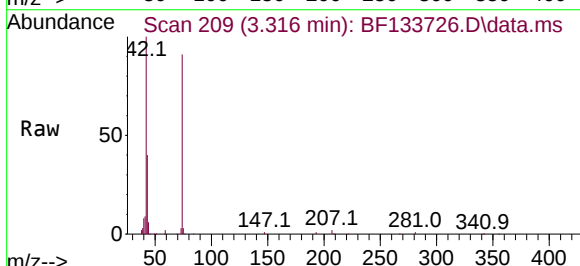
Tgt Ion: 42 Resp: 159497

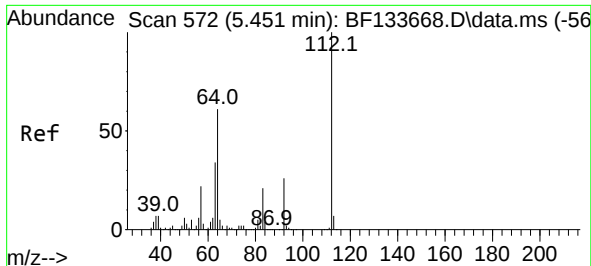
Ion Ratio Lower Upper

42 100

74 91.4 79.8 119.8

44 6.2 4.7 7.1





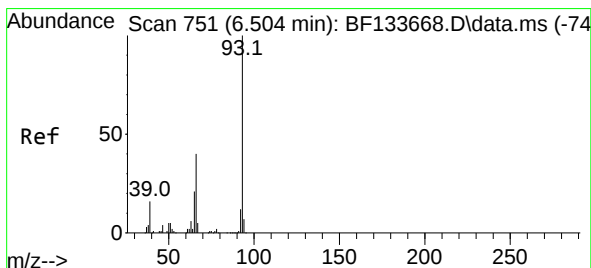
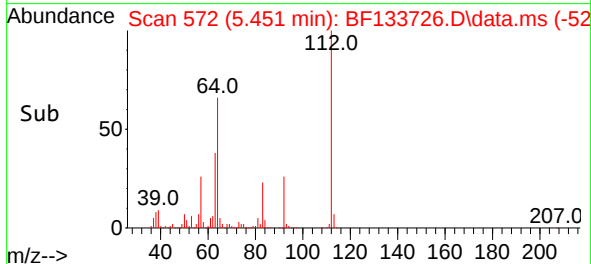
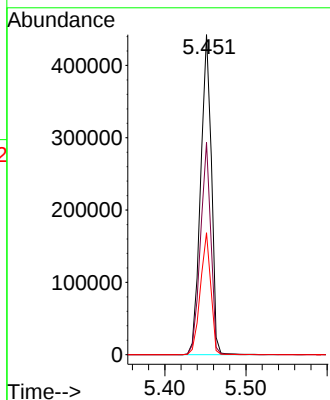
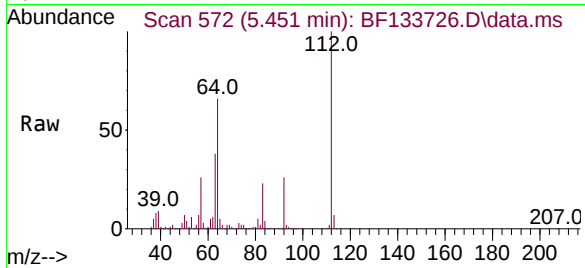
#5
2-Fluorophenol
Concen: 78.111 ng
RT: 5.451 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion: 112 Resp: 40778
Ion Ratio Lower Upper
112 100
64 66.3 49.0 73.4
63 38.1 26.8 40.2

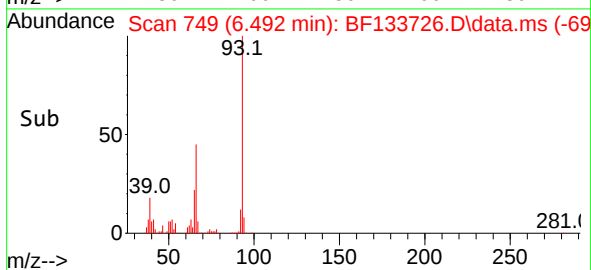
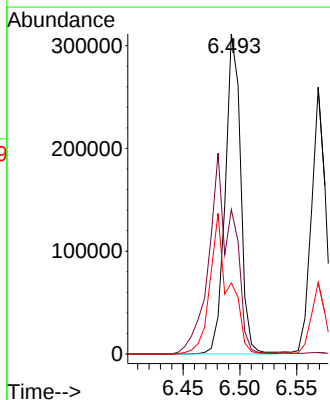
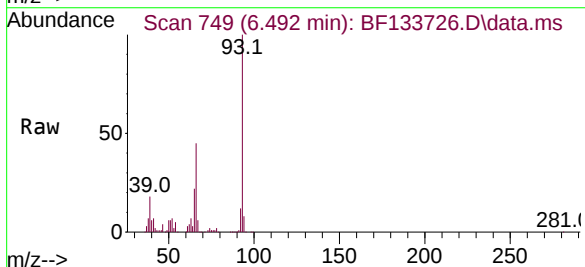
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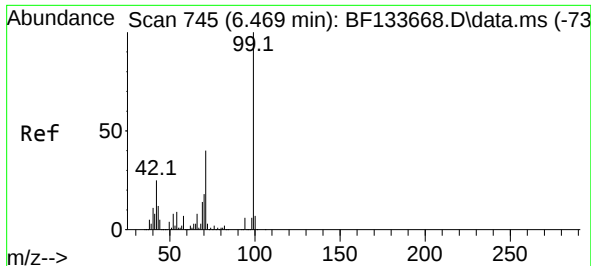
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#6
Aniline
Concen: 34.413 ng
RT: 6.492 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

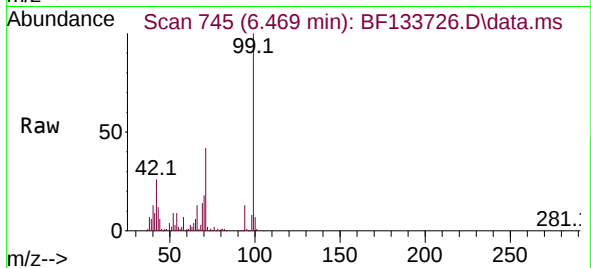
Tgt Ion: 93 Resp: 294539
Ion Ratio Lower Upper
93 100
66 45.1 34.4 51.6
65 22.2 17.5 26.3





#7
Phenol-d6
Concen: 73.619 ng
RT: 6.469 min Scan# 745
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

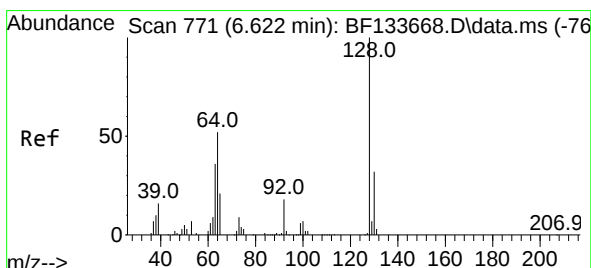
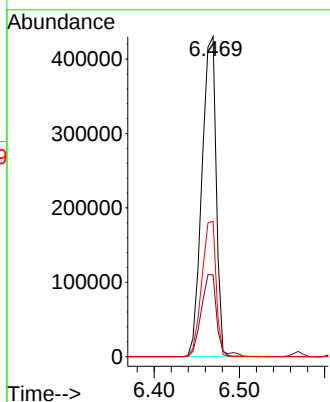
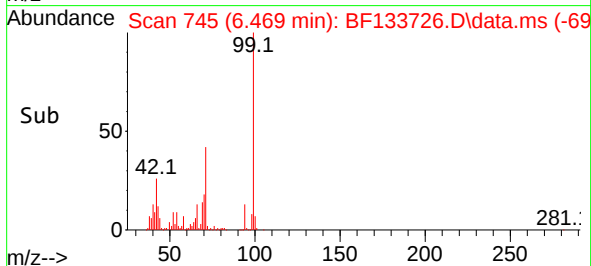
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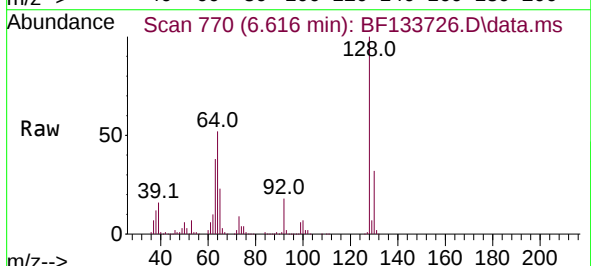
Tgt Ion: 99 Resp: 500279
Ion Ratio Lower Upper
99 100
42 25.6 19.9 29.9
71 42.3 32.2 48.4

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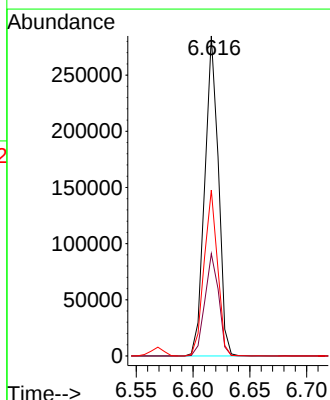
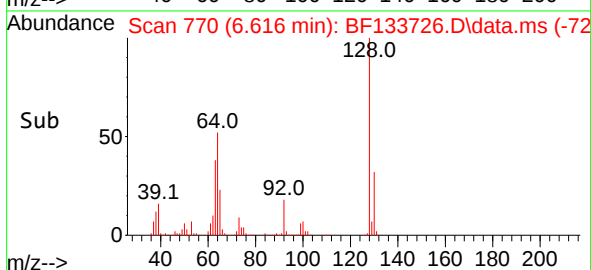
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#8
2-Chlorophenol
Concen: 43.124 ng
RT: 6.616 min Scan# 770
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



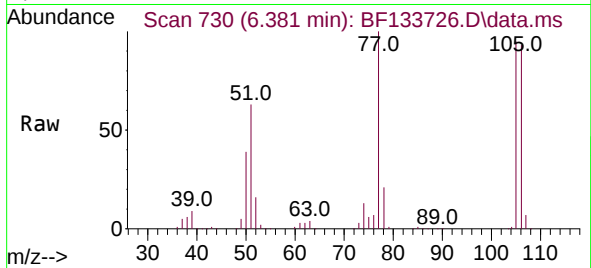
Tgt Ion:128 Resp: 237259
Ion Ratio Lower Upper
128 100
130 31.9 12.3 52.3
64 51.8 33.1 73.1





#9
Benzaldehyde
Concen: 31.443 ng
RT: 6.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

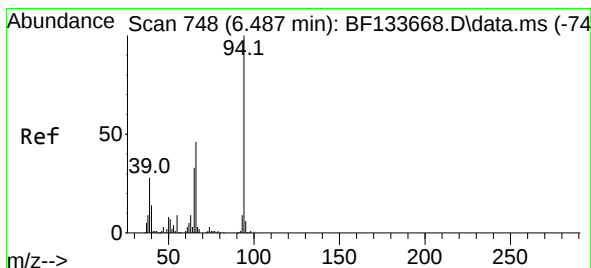
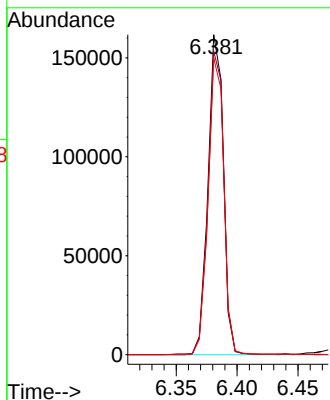
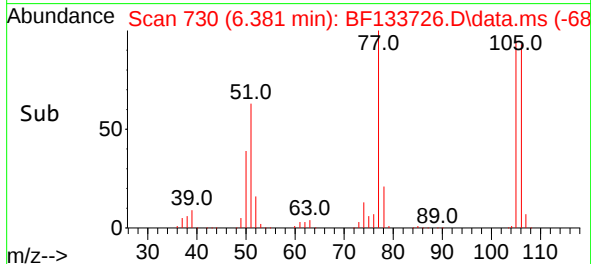
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion: 77 Resp: 14176
Ion Ratio Lower Upper
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105 94.8 82.0 122.0
106 92.7 77.6 117.6

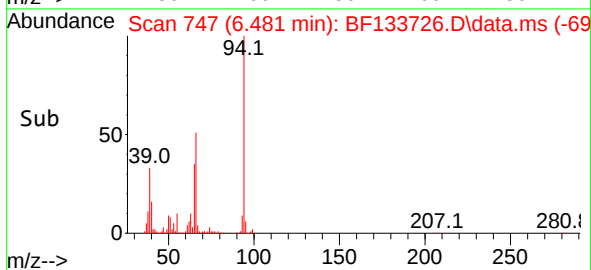
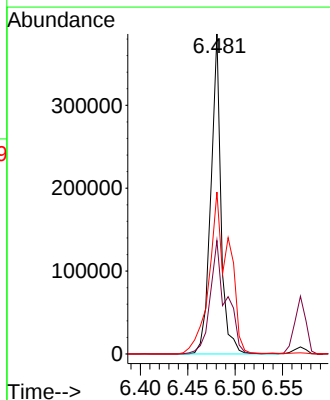
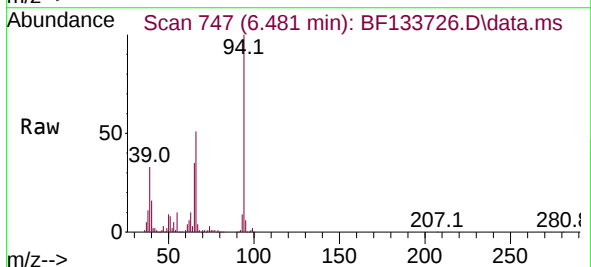
Manual Integrations
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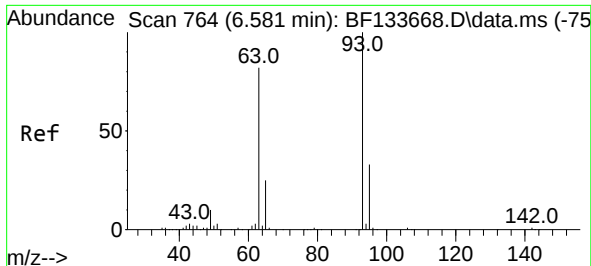
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#10
Phenol
Concen: 40.397 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion: 94 Resp: 286648
Ion Ratio Lower Upper
94 100
65 35.5 13.2 53.2
66 50.6 26.1 66.1





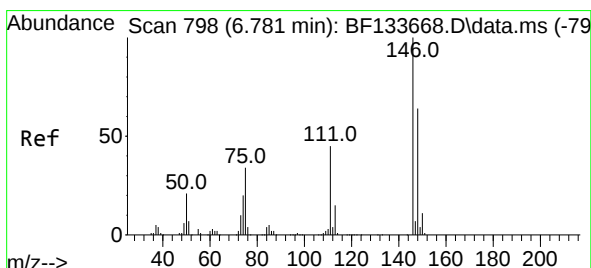
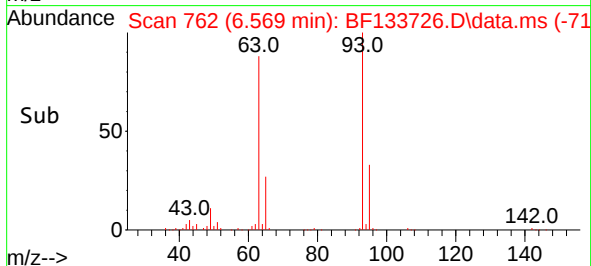
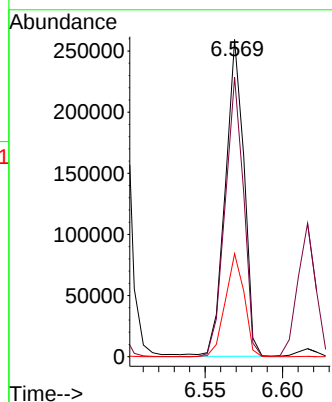
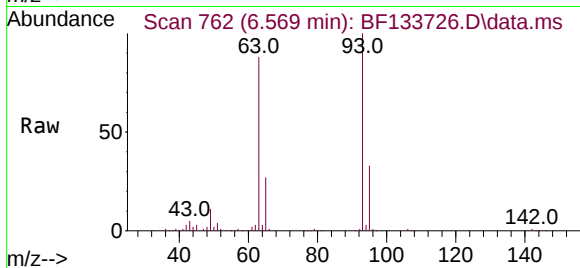
#11
bis(2-Chloroethyl)ether
Concen: 41.469 ng
RT: 6.569 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion: 93 Resp: 218454
Ion Ratio Lower Upper
93 100
63 88.1 62.1 102.1
95 32.5 13.0 53.0

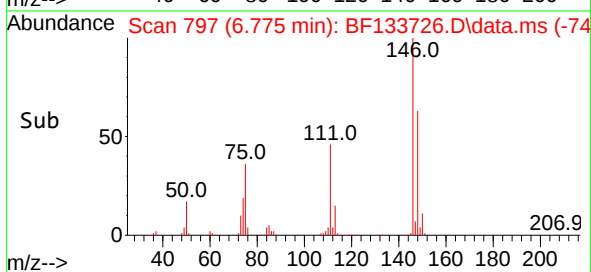
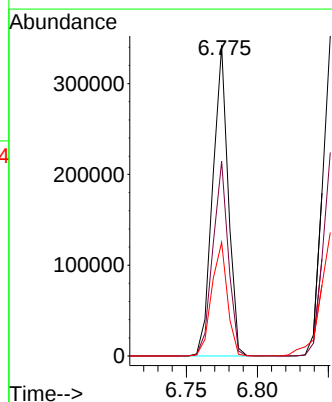
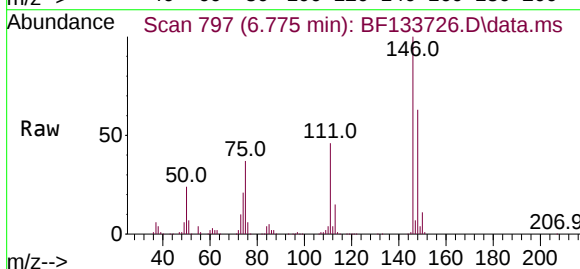
Manual Integrations
APPROVED

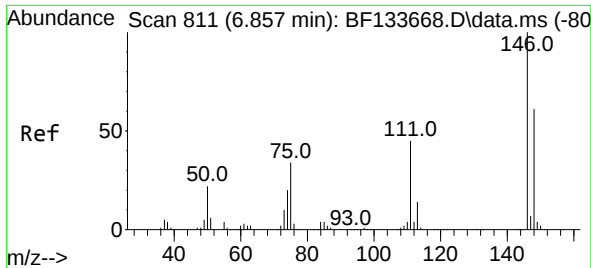
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#12
1,3-Dichlorobenzene
Concen: 44.170 ng
RT: 6.775 min Scan# 797
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

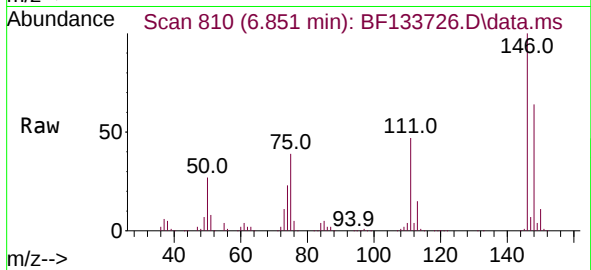
Tgt Ion:146 Resp: 259642
Ion Ratio Lower Upper
146 100
148 62.7 50.9 76.3
75 36.6 27.1 40.7





#13
1,4-Dichlorobenzene
Concen: 44.214 ng
RT: 6.851 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

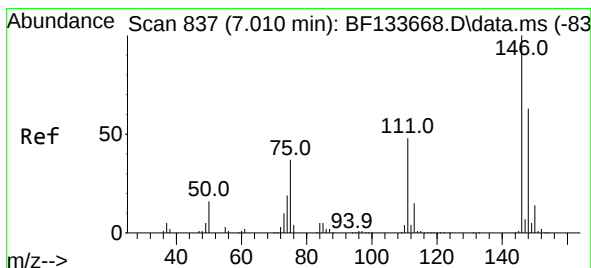
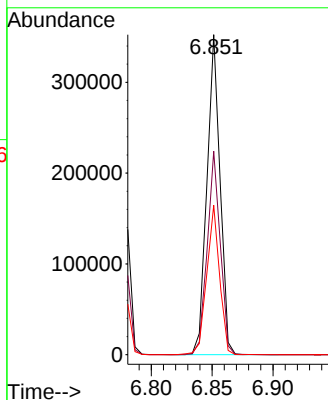
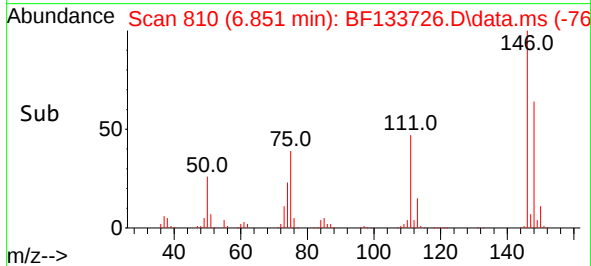
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



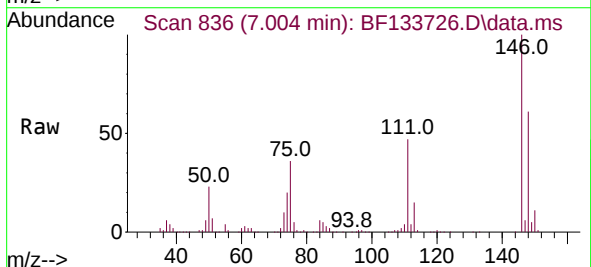
Tgt Ion:146 Resp: 262689
Ion Ratio Lower Upper
146 100
148 63.6 48.9 73.3
111 46.7 35.8 53.6

Manual Integrations
APPROVED

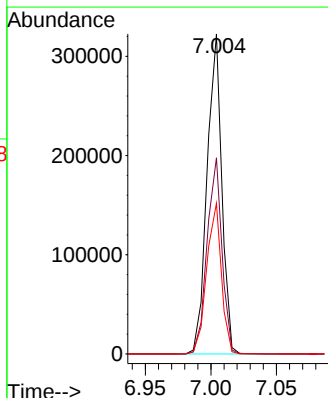
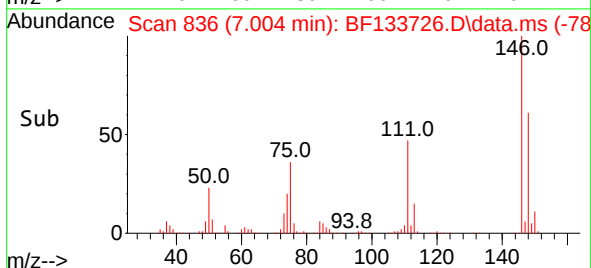
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

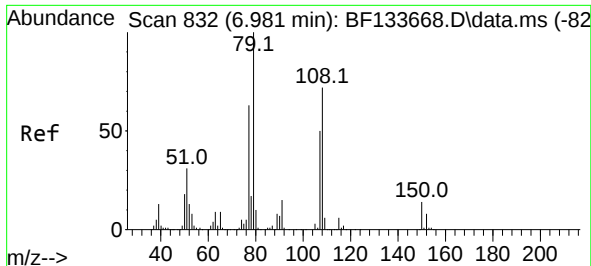


#14
1,2-Dichlorobenzene
Concen: 47.099 ng
RT: 7.004 min Scan# 836
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:146 Resp: 252853
Ion Ratio Lower Upper
146 100
148 61.3 50.6 75.8
111 47.1 38.7 58.1





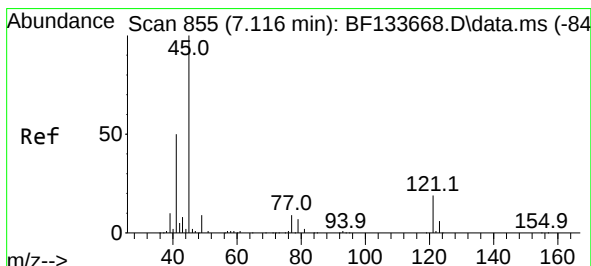
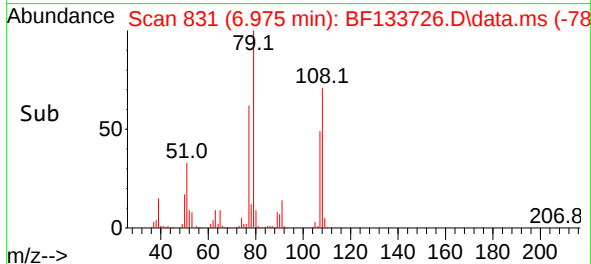
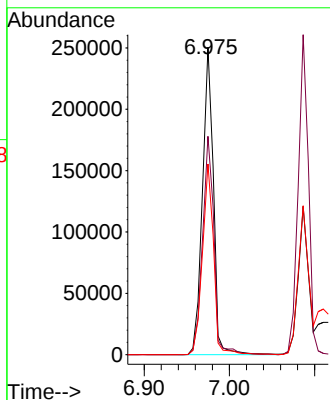
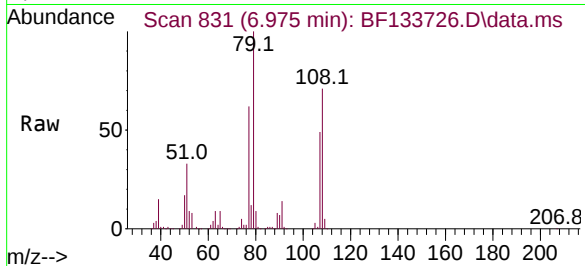
#15
Benzyl Alcohol
Concen: 42.117 ng
RT: 6.975 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion: 79 Resp: 223530
Ion Ratio Lower Upper
79 100
108 71.1 57.9 86.9
77 62.1 50.4 75.6

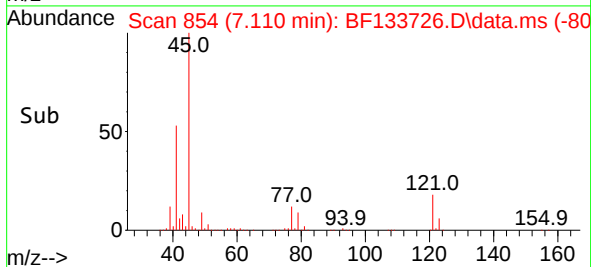
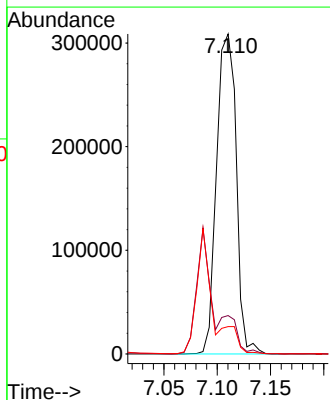
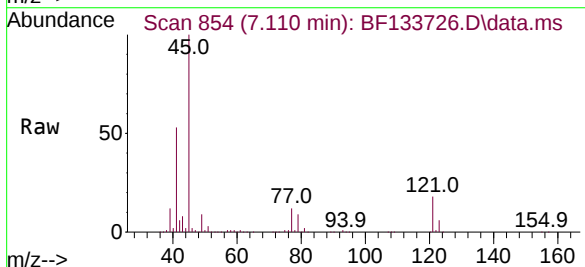
Manual Integrations
APPROVED

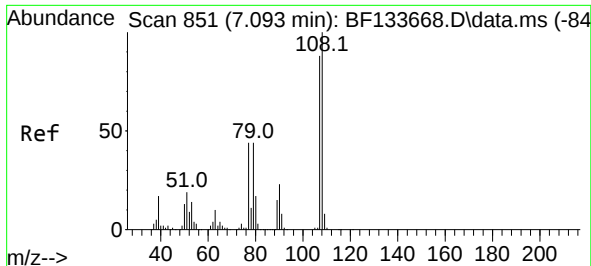
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.168 ng
RT: 7.110 min Scan# 854
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

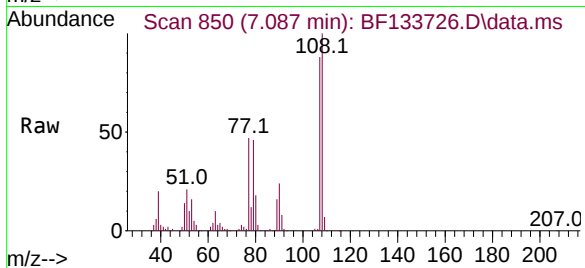
Tgt Ion: 45 Resp: 394415
Ion Ratio Lower Upper
45 100
77 12.0 0.0 32.3
79 8.5 0.0 29.4





#17
2-Methylphenol
Concen: 39.392 ng
RT: 7.087 min Scan# 851
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

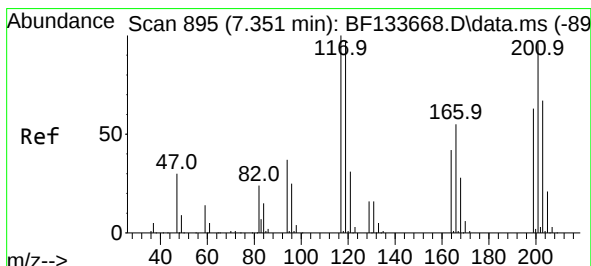
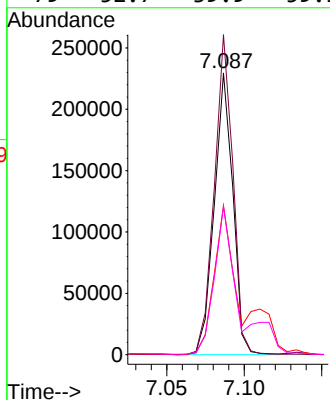
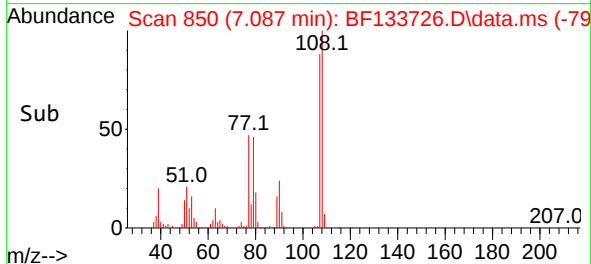
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion:107 Resp: 192090
Ion Ratio Lower Upper
107 100
108 113.6 90.9 136.3
77 52.9 39.8 59.6
79 52.7 39.9 59.9

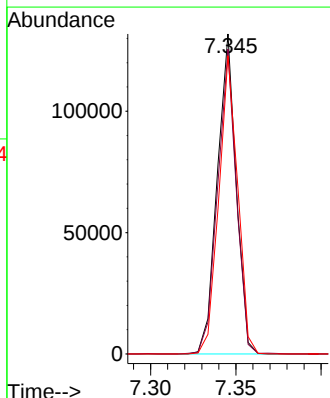
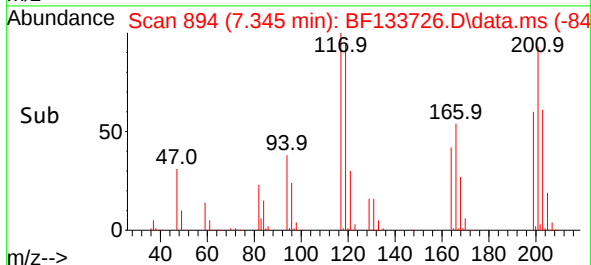
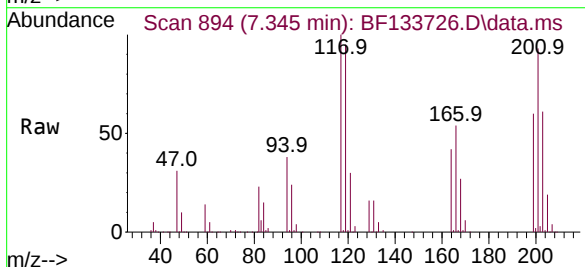
Manual Integrations
APPROVED

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



#18
Hexachloroethane
Concen: 49.934 ng
RT: 7.345 min Scan# 894
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

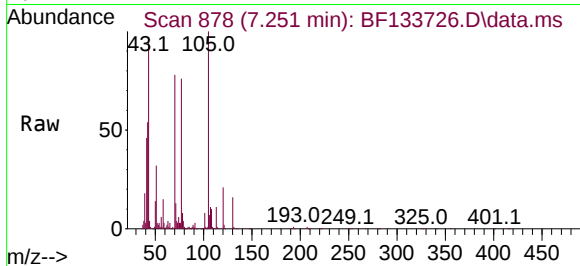
Tgt Ion:117 Resp: 101564
Ion Ratio Lower Upper
117 100
119 95.3 77.3 115.9
201 93.2 76.8 115.2





#19
n-Nitroso-di-n-propylamine
Concen: 40.173 ng
RT: 7.251 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

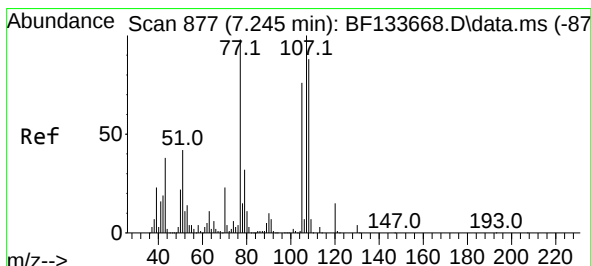
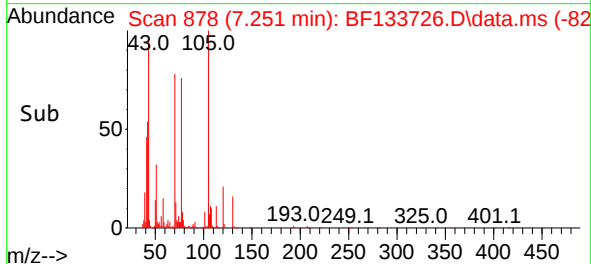
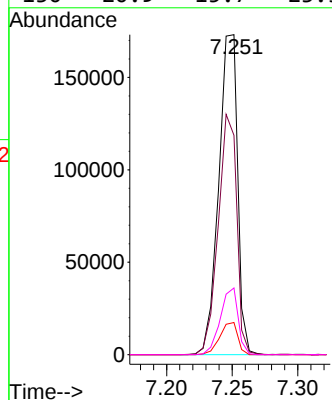
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion: 70 Resp: 17369
Ion Ratio Lower Upper
70 100
42 68.6 55.8 83.8
101 10.1 8.1 12.1
130 20.9 15.7 23.5

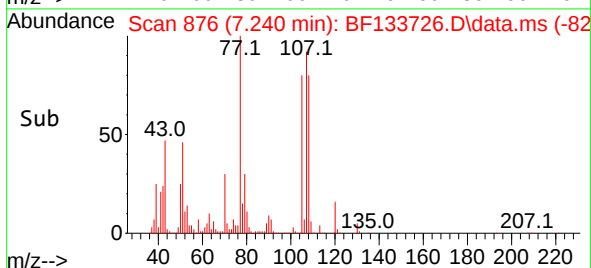
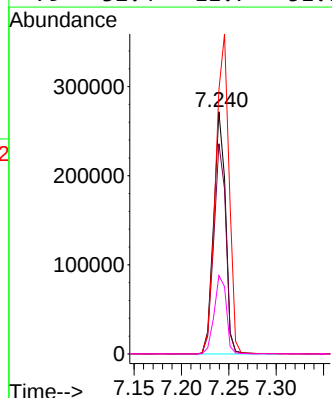
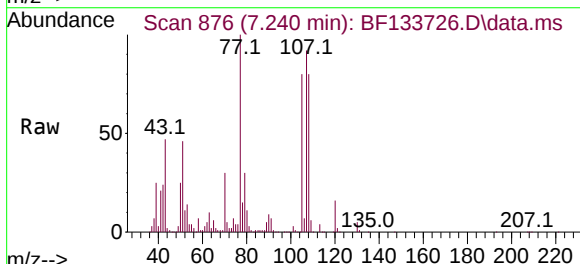
Manual Integrations
APPROVED

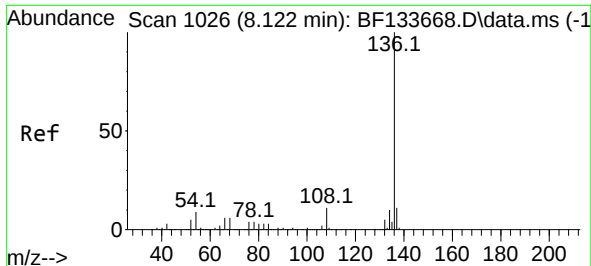
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#20
3+4-Methylphenols
Concen: 37.325 ng
RT: 7.240 min Scan# 876
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:107 Resp: 236776
Ion Ratio Lower Upper
107 100
108 86.8 67.9 107.9
77 109.1 77.7 117.7
79 32.4 11.7 51.7





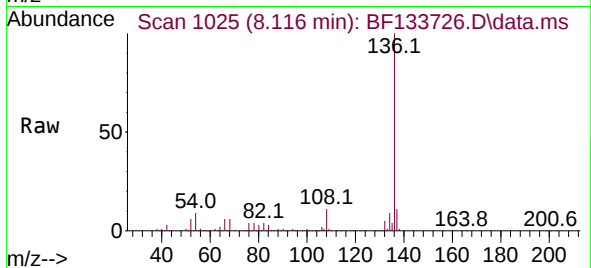
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

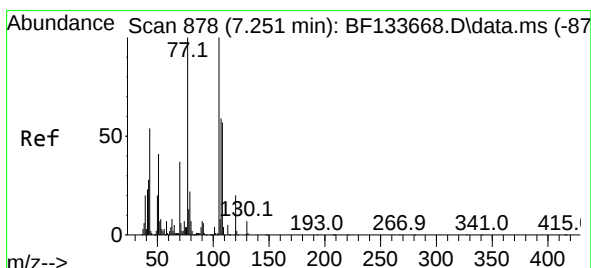
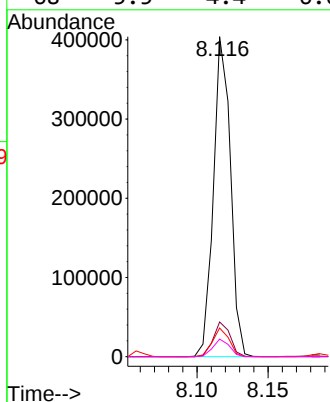
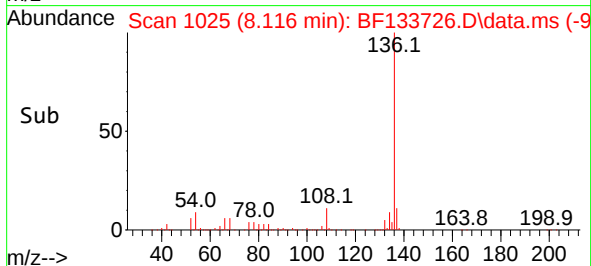


Tgt Ion:136 Resp: 337404
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.0 7.4 11.0
68 5.5 4.4 6.6

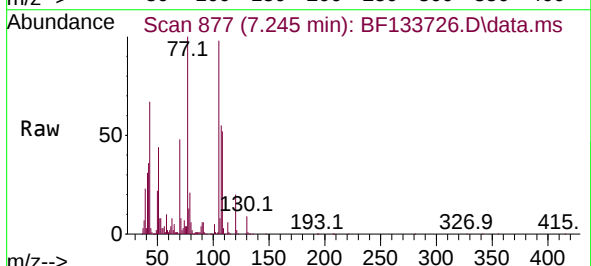
Manual Integrations

APPROVED

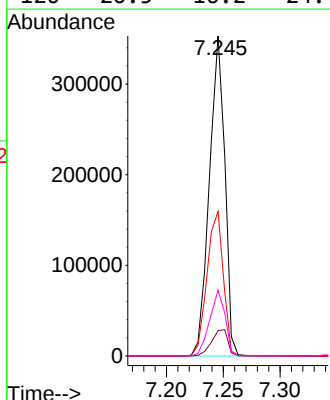
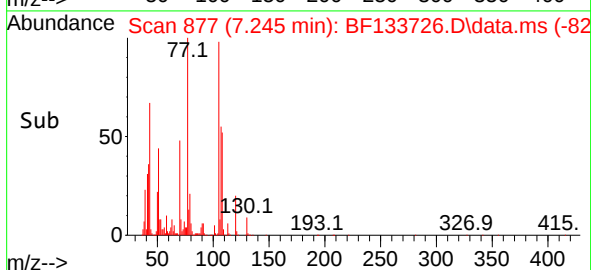
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

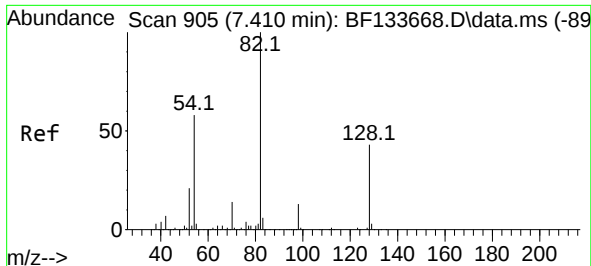


#22
Acetophenone
Concen: 43.155 ng
RT: 7.245 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



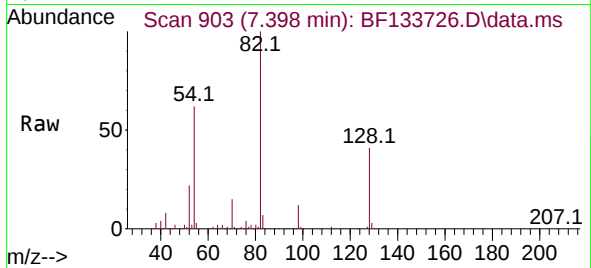
Tgt Ion:105 Resp: 333958
Ion Ratio Lower Upper
105 100
71 7.9 4.8 7.2#
51 45.1 33.0 49.4
120 20.5 16.2 24.4





#23
Nitrobenzene-d5
Concen: 55.171 ng
RT: 7.398 min Scan# 905
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

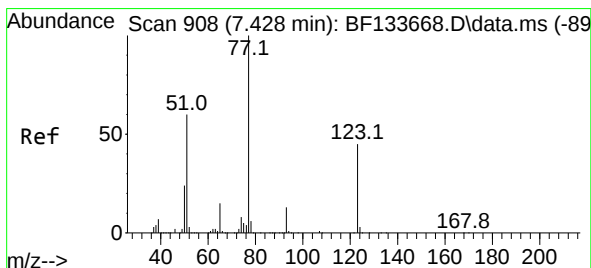
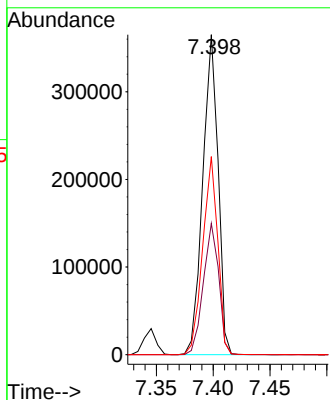
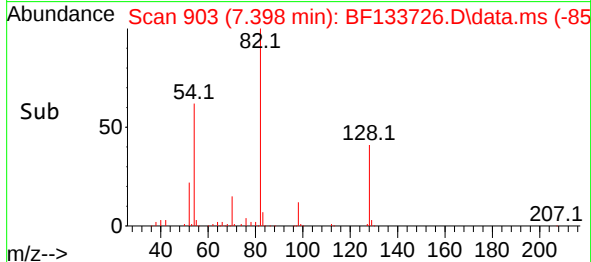
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion: 82 Resp: 34176
Ion Ratio Lower Upper
82 100
128 41.0 34.2 51.2
54 61.9 46.5 69.7

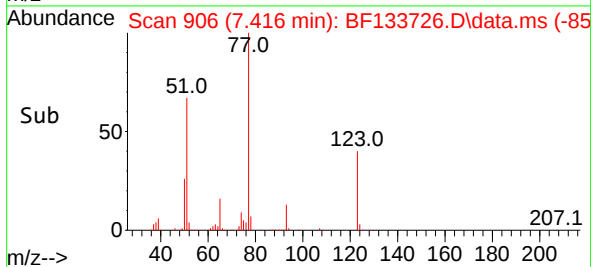
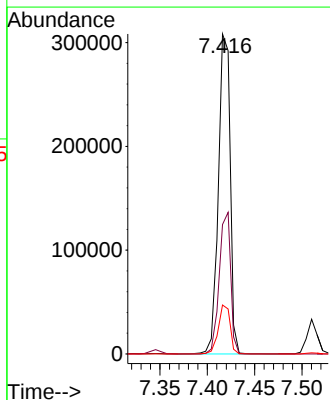
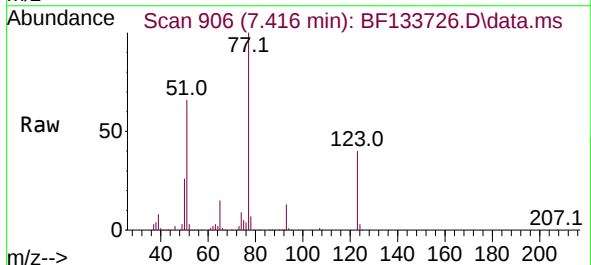
Manual Integrations
APPROVED

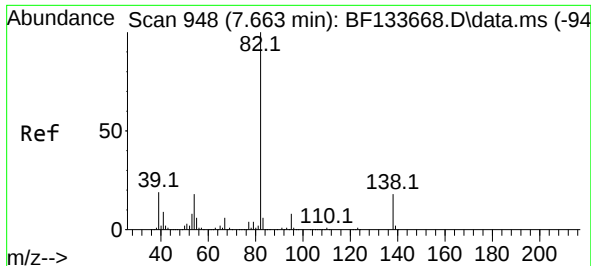
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#24
Nitrobenzene
Concen: 42.981 ng
RT: 7.416 min Scan# 906
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

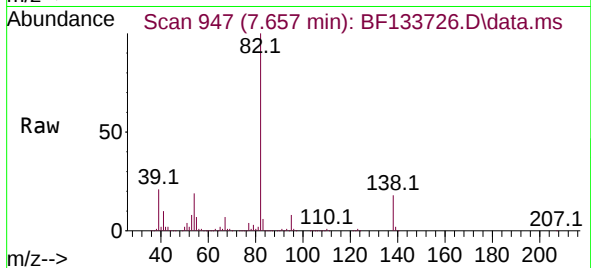
Tgt Ion: 77 Resp: 268099
Ion Ratio Lower Upper
77 100
123 40.5 35.8 53.8
65 15.3 11.6 17.4





#25
Isophorone
Concen: 39.834 ng
RT: 7.657 min Scan# 948
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

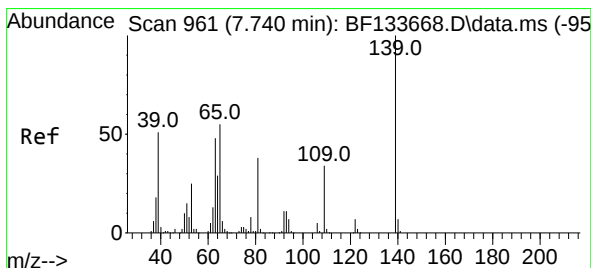
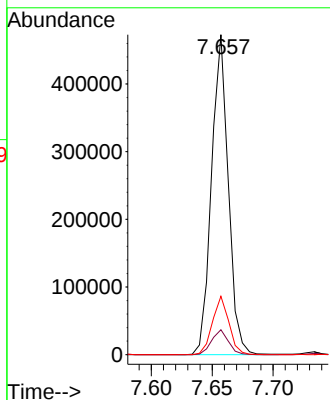
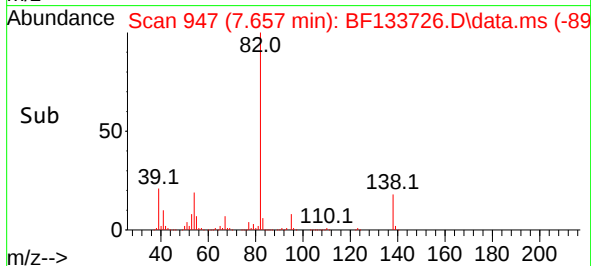
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



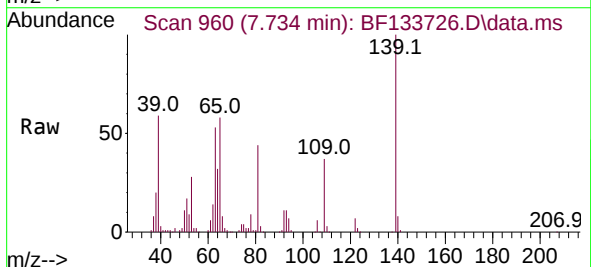
Tgt Ion: 82 Resp: 453018
Ion Ratio Lower Upper
82 100
95 7.8 6.0 9.0
138 18.3 14.2 21.2

Manual Integrations
APPROVED

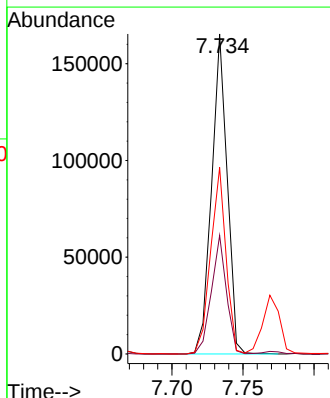
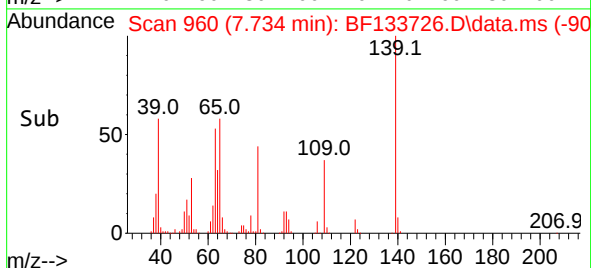
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

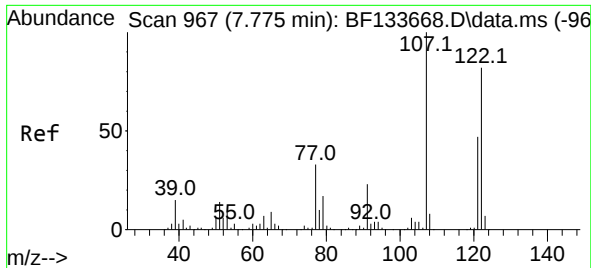


#26
2-Nitrophenol
Concen: 44.893 ng
RT: 7.734 min Scan# 960
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:139 Resp: 125673
Ion Ratio Lower Upper
139 100
109 37.1 27.0 40.6
65 58.3 44.2 66.4





#27

2,4-Dimethylphenol

Concen: 40.902 ng

RT: 7.769 min Scan# 90

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

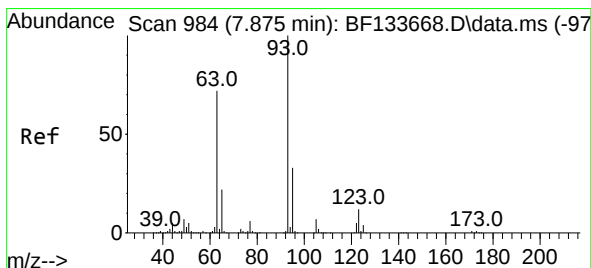
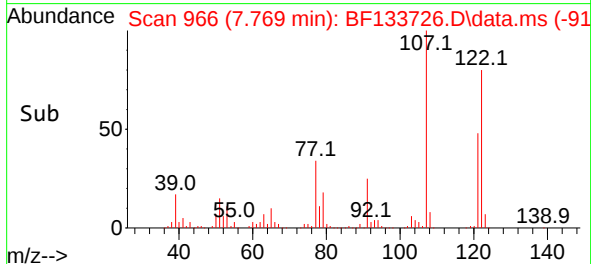
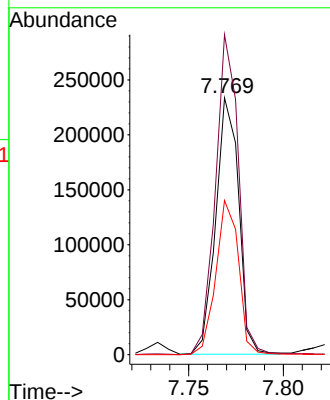
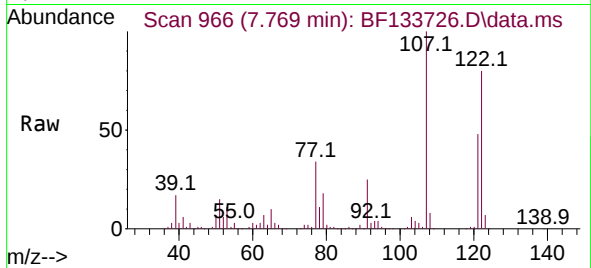
SB32BMSD

Tgt Ion:122 Resp: 19735
 Ion Ratio Lower Upper
 122 100
 107 124.6 97.8 146.6
 121 60.1 46.1 69.1

Manual Integrations

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



#28

bis(2-Chloroethoxy)methane

Concen: 40.370 ng

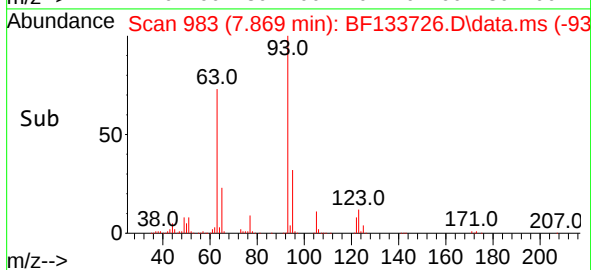
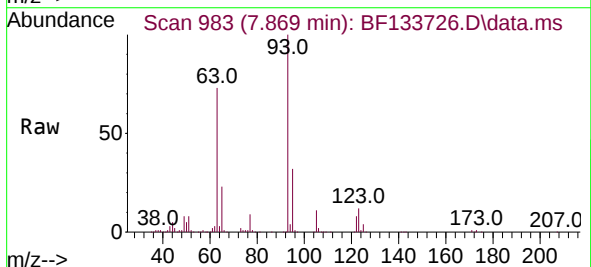
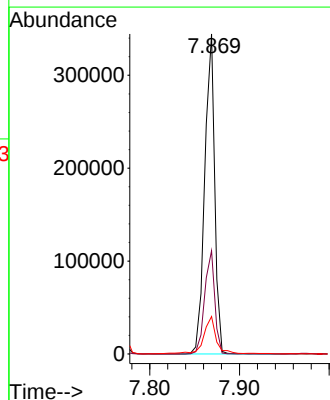
RT: 7.869 min Scan# 983

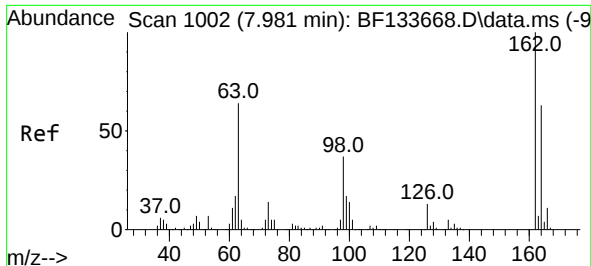
Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Tgt Ion: 93 Resp: 265355
 Ion Ratio Lower Upper
 93 100
 95 32.2 26.4 39.6
 123 11.7 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 40.886 ng

RT: 7.975 min Scan# 1001

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion:162 Resp: 19334

Ion Ratio Lower Upper

162 100

164 62.9 43.4 83.4

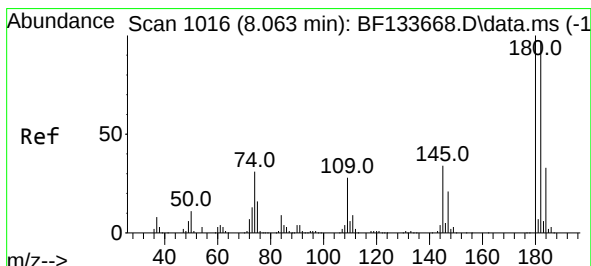
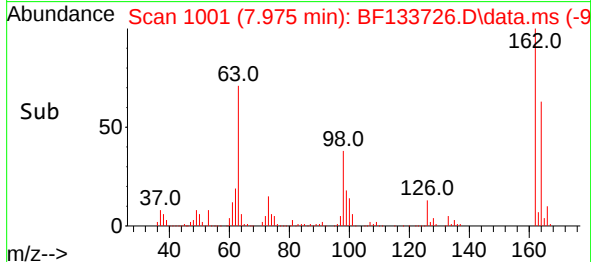
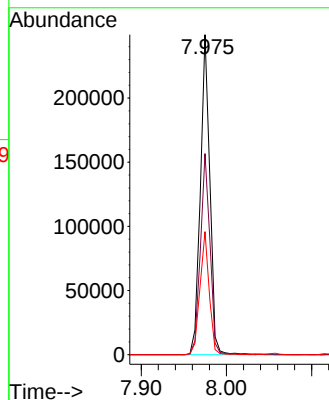
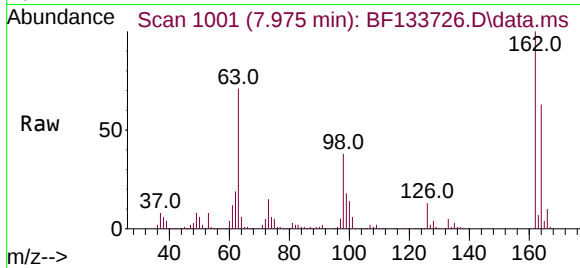
98 38.5 17.4 57.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#30

1,2,4-Trichlorobenzene

Concen: 42.301 ng

RT: 8.057 min Scan# 1015

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

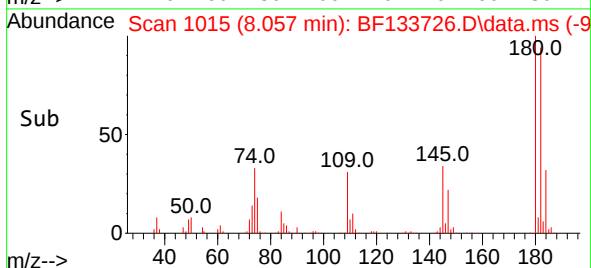
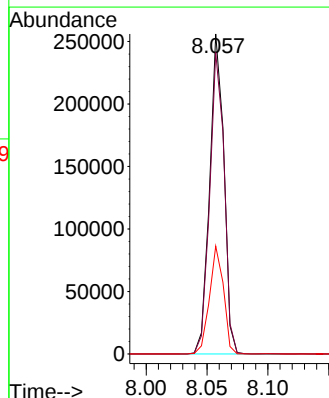
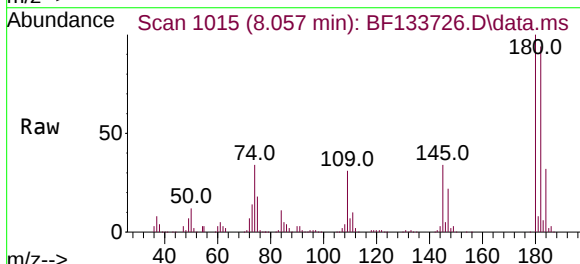
Tgt Ion:180 Resp: 208706

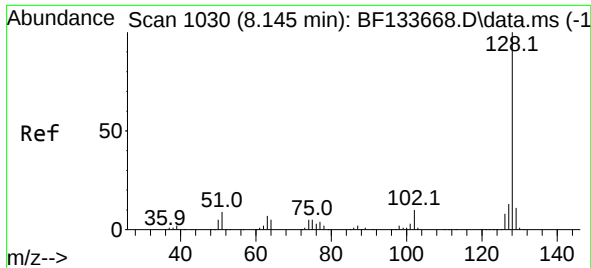
Ion Ratio Lower Upper

180 100

182 94.2 77.8 116.8

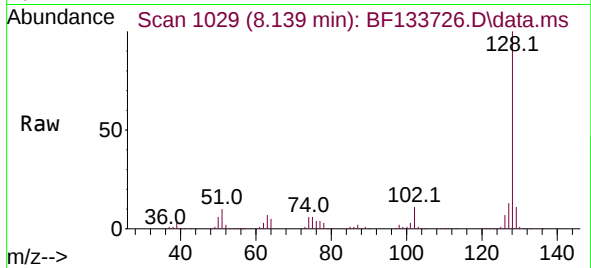
145 33.7 27.0 40.4





#31
Naphthalene
Concen: 40.609 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

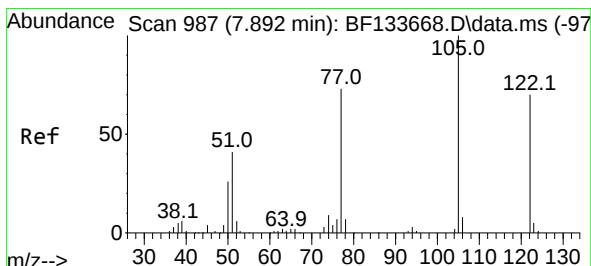
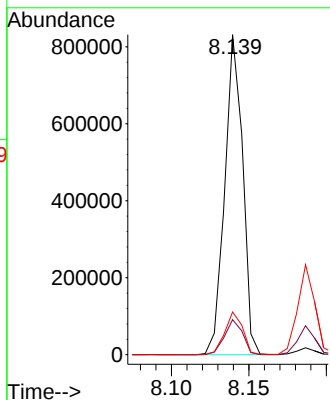
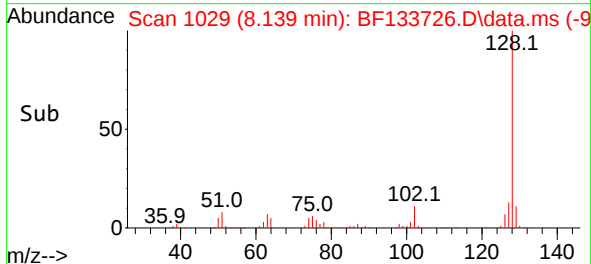
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



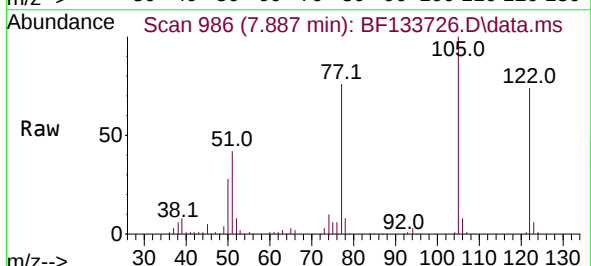
Tgt Ion:128 Resp: 667544
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.4 10.5 15.7

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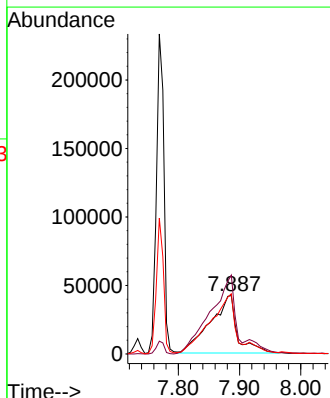
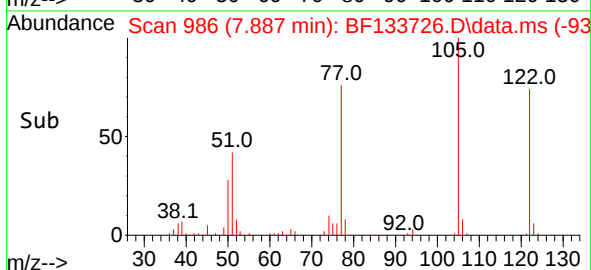
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

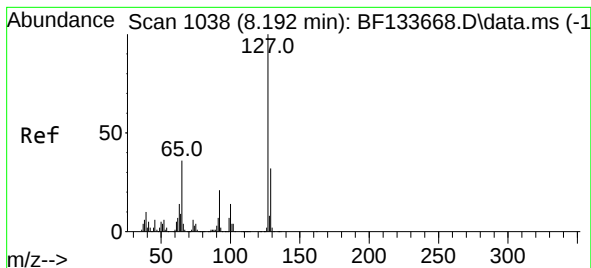


#32
Benzoic acid
Concen: 42.366 ng m
RT: 7.887 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:122 Resp: 128921
Ion Ratio Lower Upper
122 100
105 134.9 116.3 156.3
77 102.9 82.4 122.4





#33

4-Chloroaniline

Concen: 26.701 ng

RT: 8.187 min Scan# 1037

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion:127 Resp: 187672

Ion Ratio Lower Upper

127 100

129 32.2 25.6 38.4

65 35.8 28.9 43.3

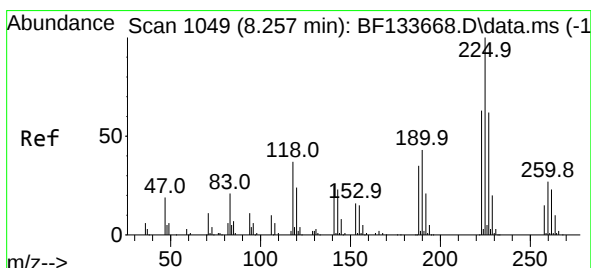
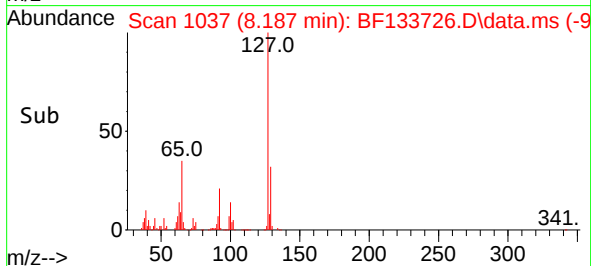
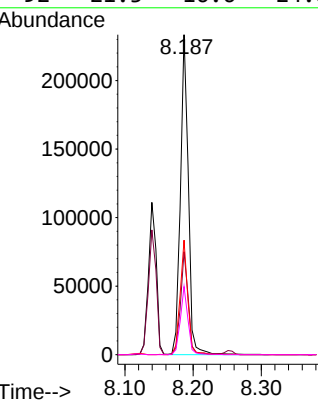
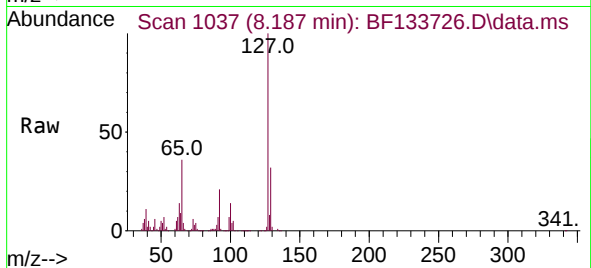
92 21.3 16.6 24.8

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#34

Hexachlorobutadiene

Concen: 42.645 ng

RT: 8.251 min Scan# 1048

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

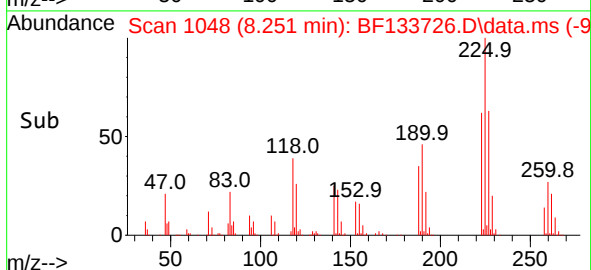
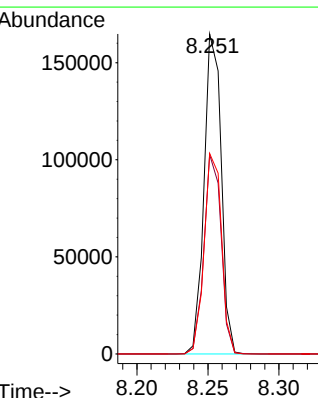
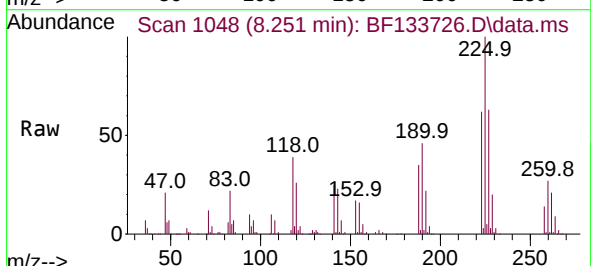
Tgt Ion:225 Resp: 137757

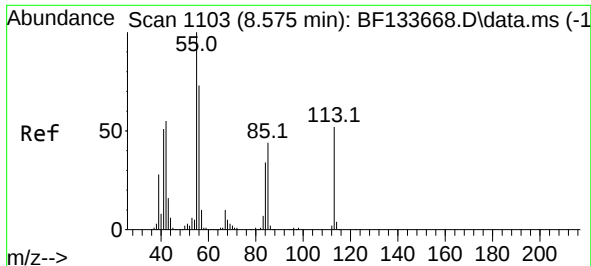
Ion Ratio Lower Upper

225 100

223 62.3 50.2 75.4

227 62.7 49.5 74.3





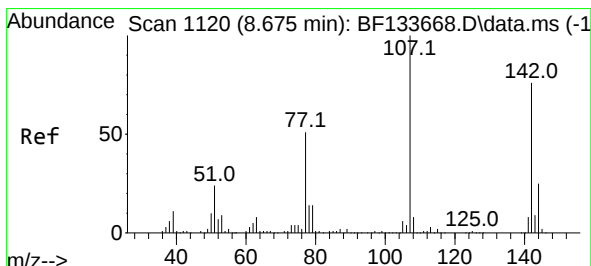
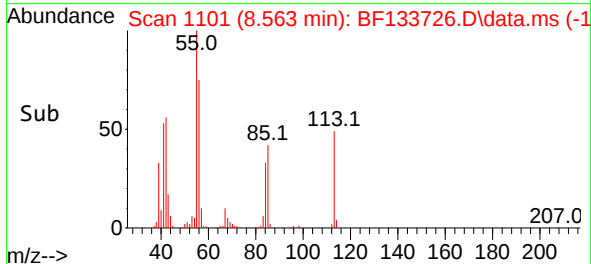
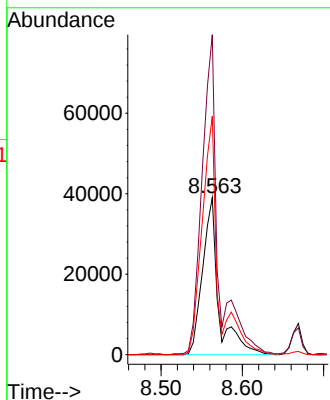
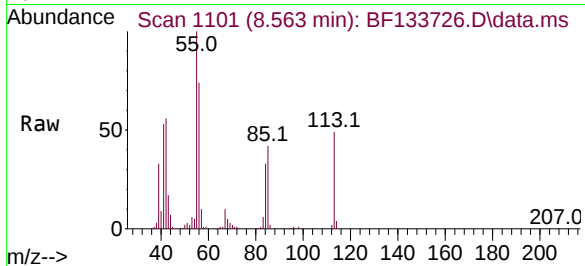
#35
 Caprolactam
 Concen: 33.917 ng m
 RT: 8.563 min Scan# 1103
 Delta R.T. -0.006 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD

Tgt Ion:113 Resp: 5397
 Ion Ratio Lower Upper
 113 100
 55 203.6 173.3 213.3
 56 151.7 120.5 160.5

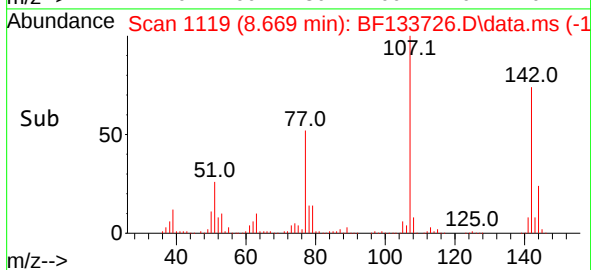
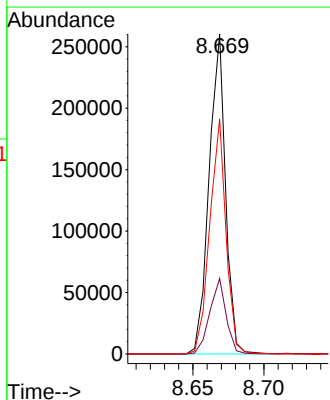
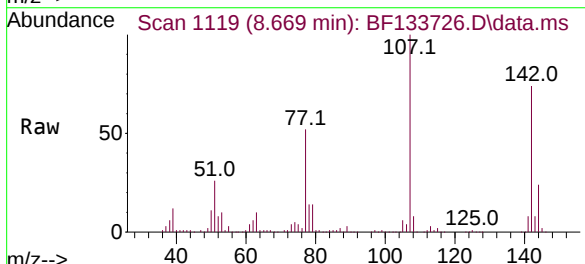
Manual Integrations
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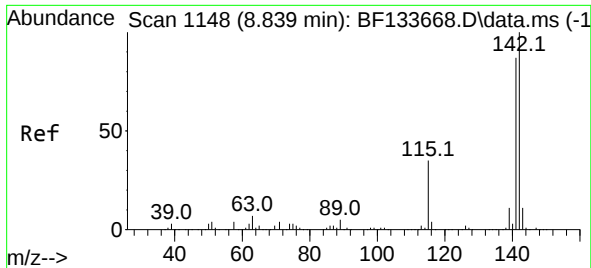
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023



#36
 4-Chloro-3-methylphenol
 Concen: 38.347 ng
 RT: 8.669 min Scan# 1119
 Delta R.T. 0.000 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

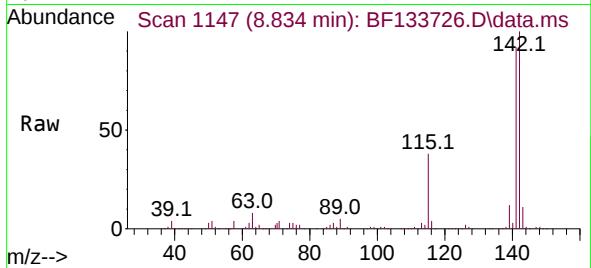
Tgt Ion:107 Resp: 209023
 Ion Ratio Lower Upper
 107 100
 144 23.6 19.7 29.5
 142 73.5 61.1 91.7





#37
2-Methylnaphthalene
Concen: 38.649 ng
RT: 8.834 min Scan# 1147
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

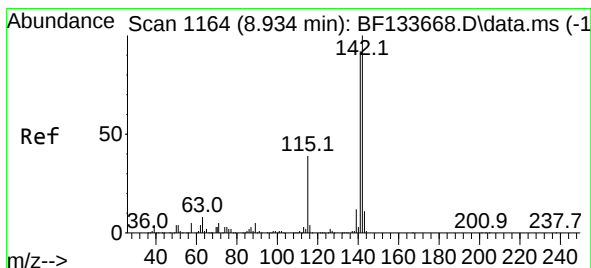
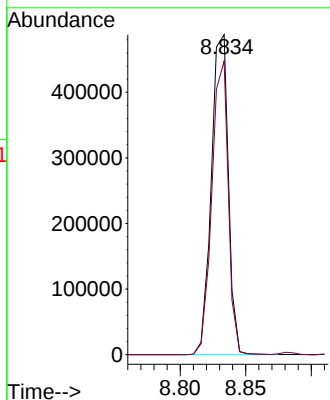
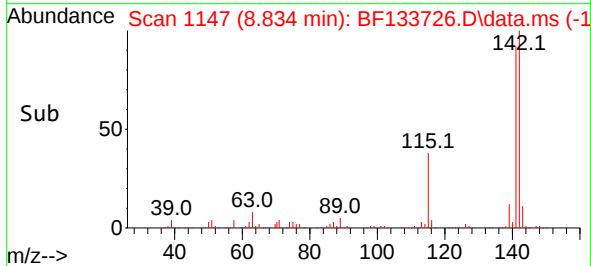
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



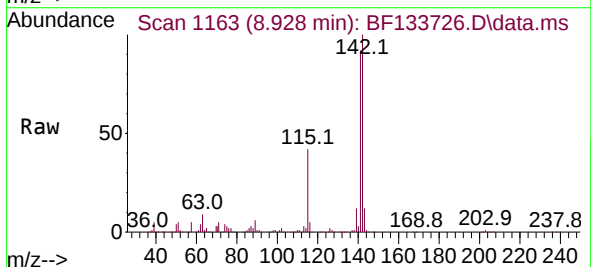
Tgt Ion:142 Resp: 44143
Ion Ratio Lower Upper
142 100
141 91.7 69.8 104.8

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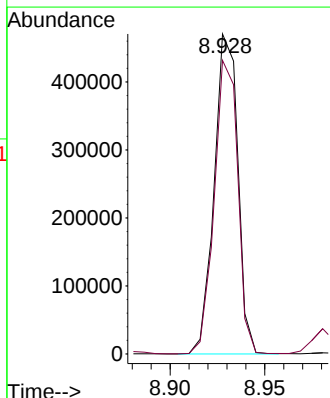
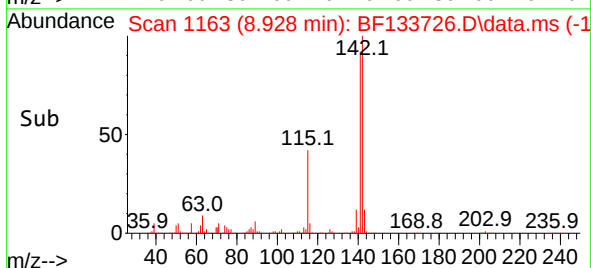
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

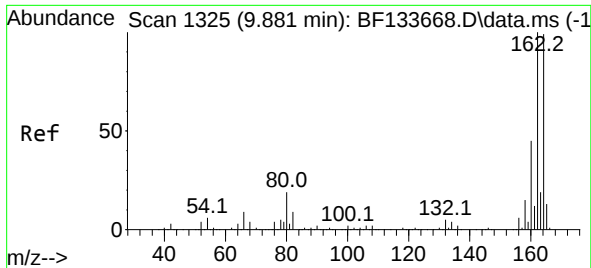


#38
1-Methylnaphthalene
Concen: 38.892 ng
RT: 8.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:142 Resp: 408759
Ion Ratio Lower Upper
142 100
141 91.8 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: BF133726.D

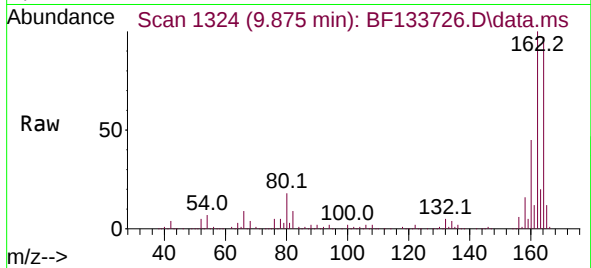
Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD



Tgt Ion:164 Resp: 15454

Ion Ratio Lower Upper

164 100

162 102.9 80.8 121.2

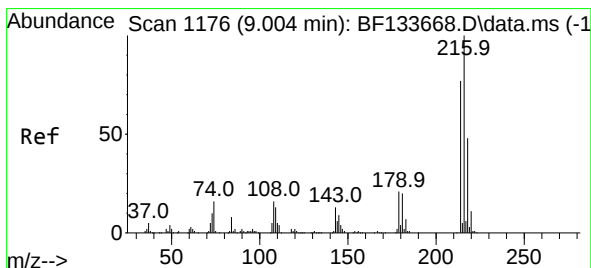
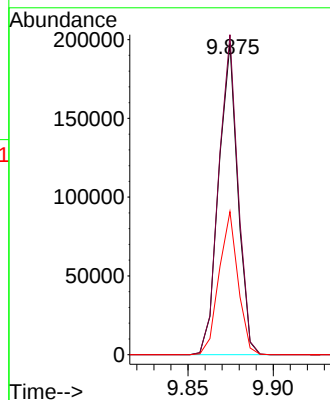
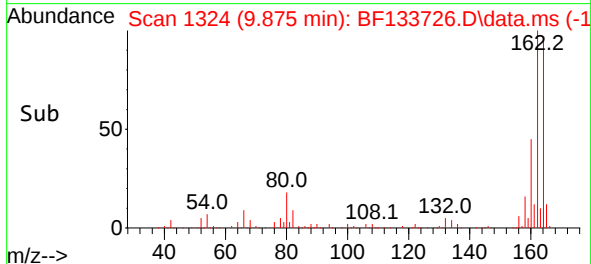
160 46.0 36.7 55.1

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: 44.294 ng

RT: 8.998 min Scan# 1175

Delta R.T. 0.000 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Tgt Ion:216 Resp: 208104

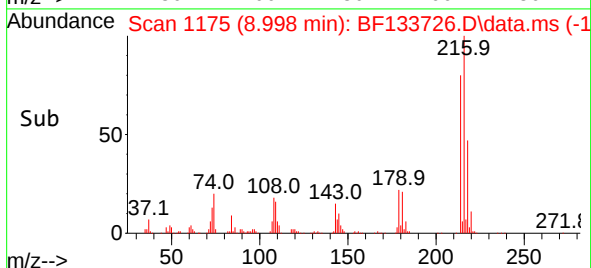
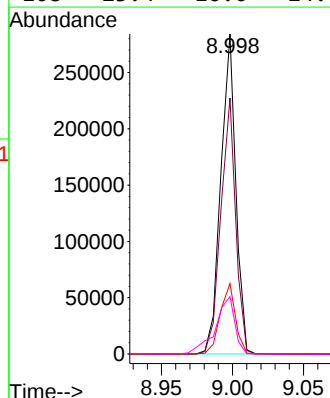
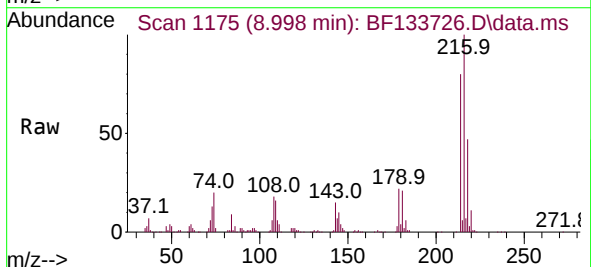
Ion Ratio Lower Upper

216 100

214 79.2 62.7 94.1

179 22.3 17.6 26.4

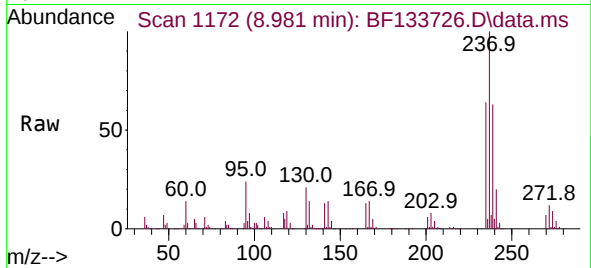
108 23.4 16.0 24.0





#41
Hexachlorocyclopentadiene
Concen: 106.632 ng
RT: 8.981 min Scan# 1173
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

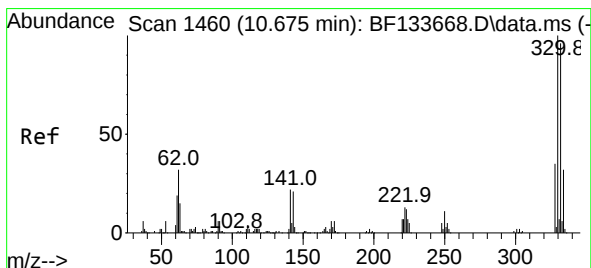
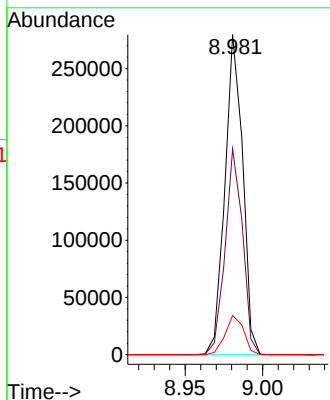
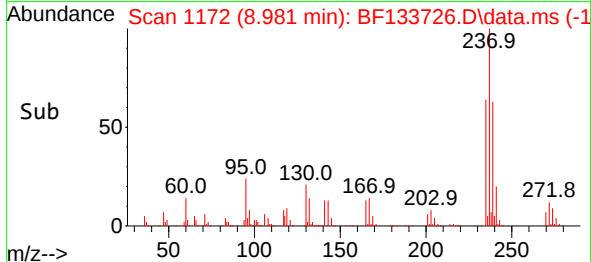
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



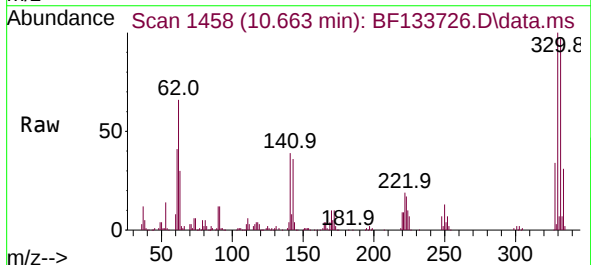
Tgt Ion: 237 Resp: 22325
Ion Ratio Lower Upper
237 100
235 64.3 40.6 80.6
272 12.3 0.0 32.6

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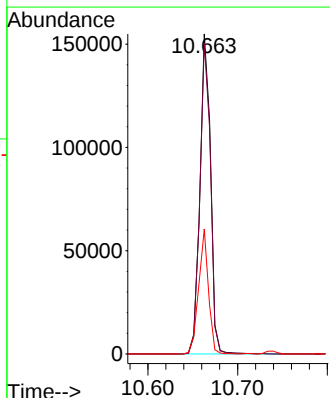
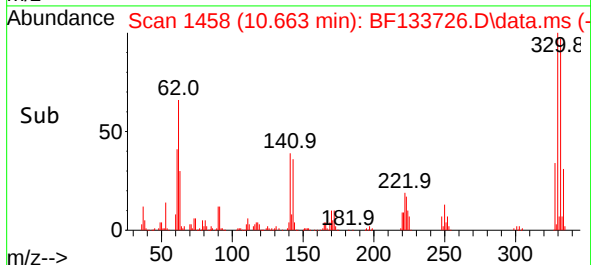
Reviewed By : Yogesh Patel 06/14/2023
Supervised By : mohammad ahmed 06/16/2023

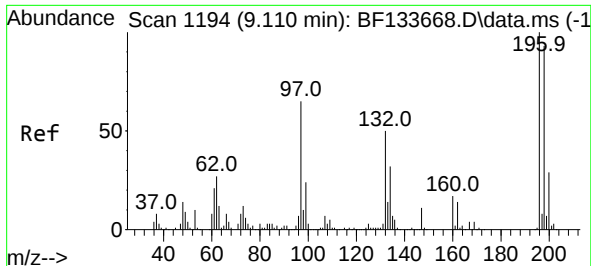


#42
2,4,6-Tribromophenol
Concen: 64.961 ng
RT: 10.663 min Scan# 1458
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



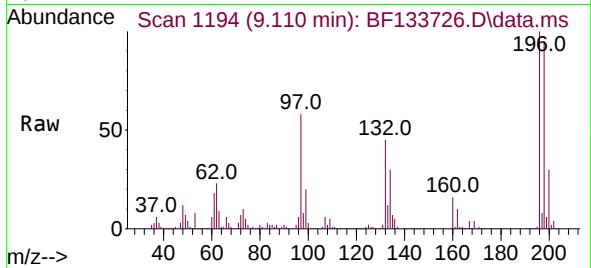
Tgt Ion: 330 Resp: 127080
Ion Ratio Lower Upper
330 100
332 97.2 77.2 115.8
141 36.2 24.9 37.3





#43
2,4,6-Trichlorophenol
Concen: 42.534 ng
RT: 9.110 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

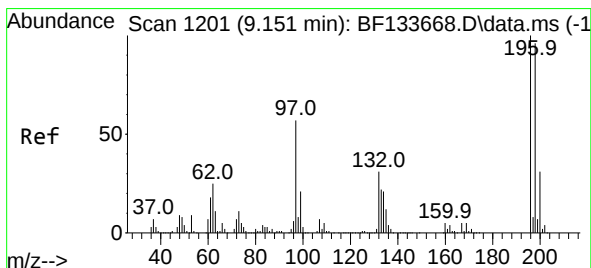
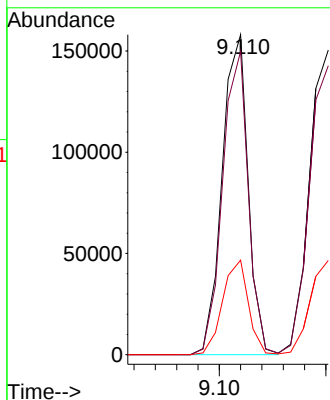
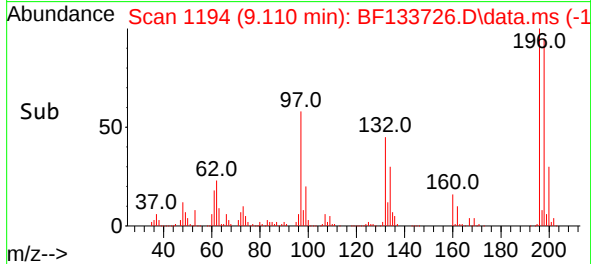
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



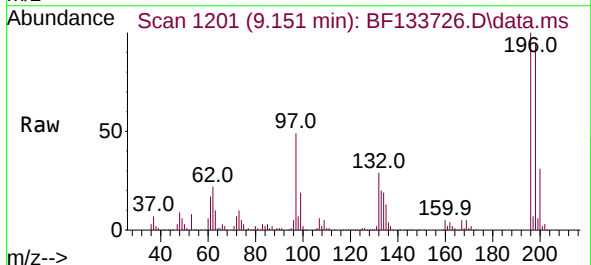
Tgt Ion:196 Resp: 13353
Ion Ratio Lower Upper
196 100
198 94.8 74.5 111.7
200 29.5 22.9 34.3

Manual Integrations
APPROVED

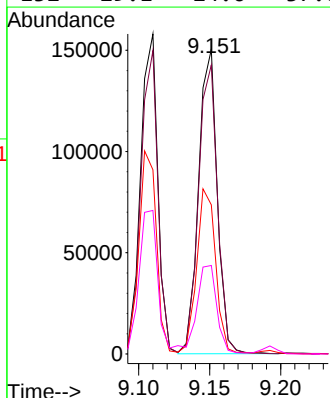
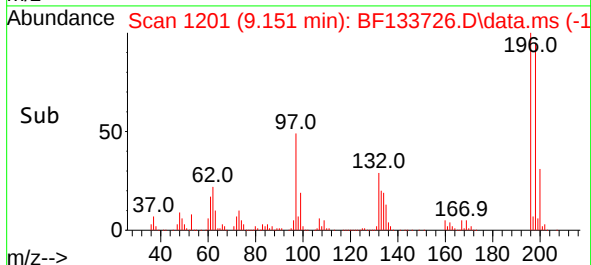
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

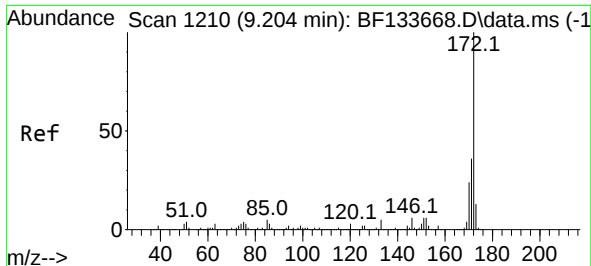


#44
2,4,5-Trichlorophenol
Concen: 37.881 ng
RT: 9.151 min Scan# 1201
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



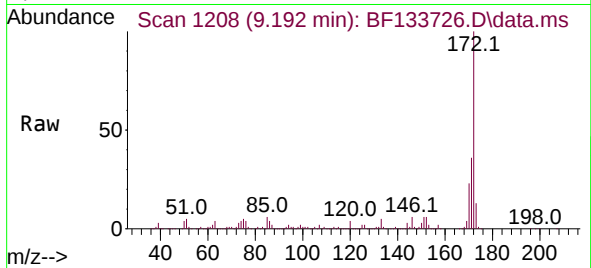
Tgt Ion:196 Resp: 138360
Ion Ratio Lower Upper
196 100
198 94.9 76.8 115.2
97 48.9 45.4 68.2
132 29.1 24.6 37.0





#45
2-Fluorobiphenyl
Concen: 54.827 ng
RT: 9.192 min Scan# 1208
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

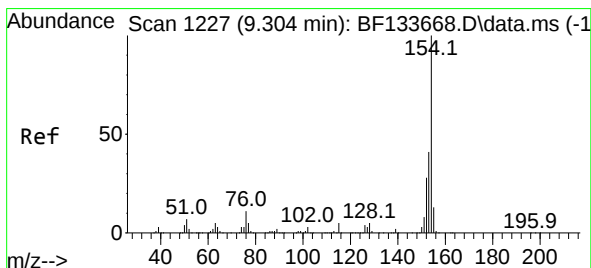
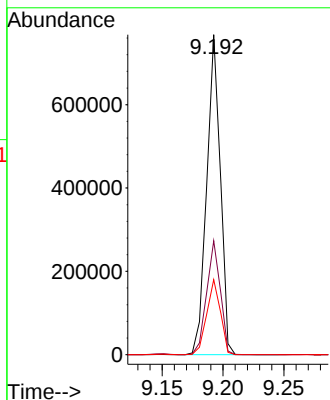
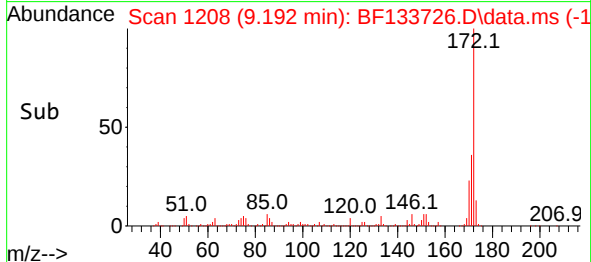
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



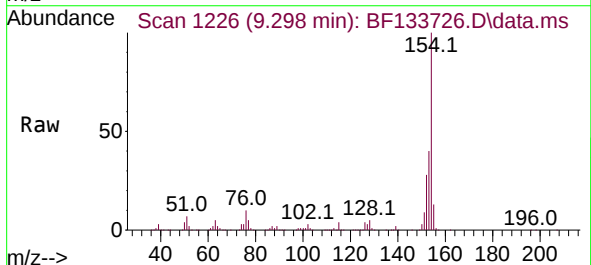
Tgt Ion:172 Resp: 596058
Ion Ratio Lower Upper
172 100
171 35.6 28.6 43.0
170 23.5 19.1 28.7

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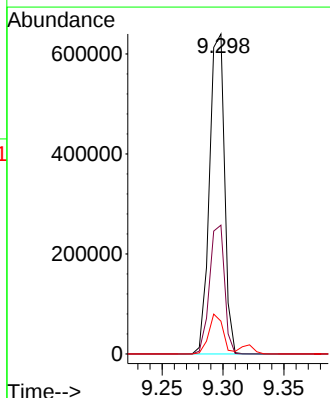
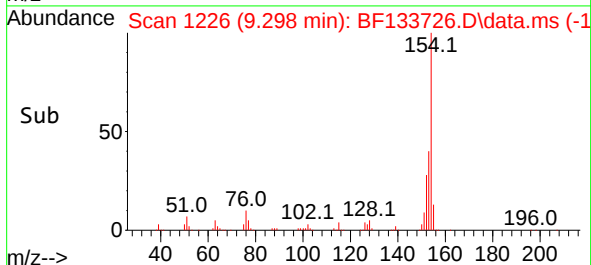
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

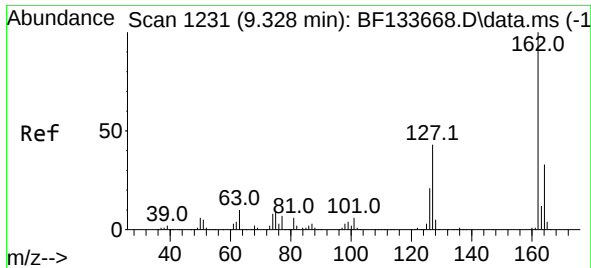


#46
1,1'-Biphenyl
Concen: 43.768 ng
RT: 9.298 min Scan# 1226
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



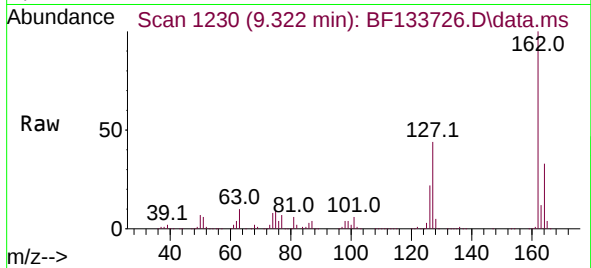
Tgt Ion:154 Resp: 545526
Ion Ratio Lower Upper
154 100
153 40.3 20.6 60.6
76 10.2 0.0 31.0





#47
2-Chloronaphthalene
Concen: 43.796 ng
RT: 9.322 min Scan# 1231
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

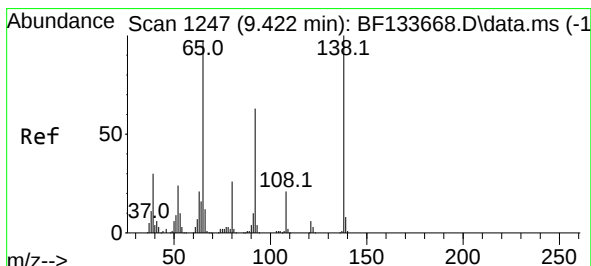
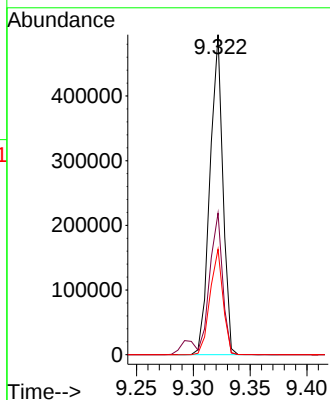
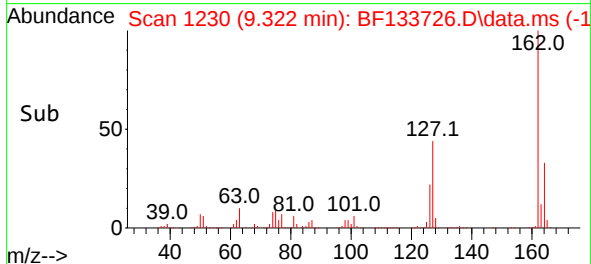
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion:162 Resp: 391560
Ion Ratio Lower Upper
162 100
127 44.2 34.6 52.0
164 33.0 26.4 39.6

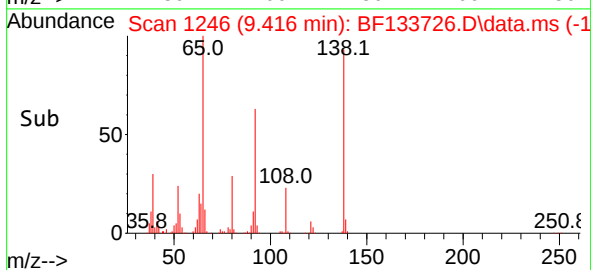
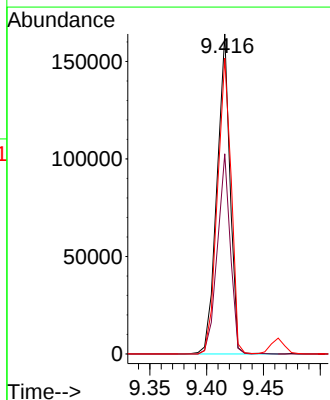
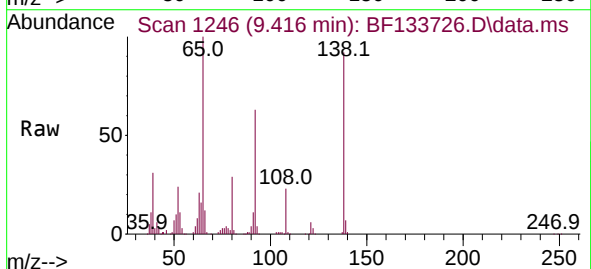
Manual Integrations
APPROVED

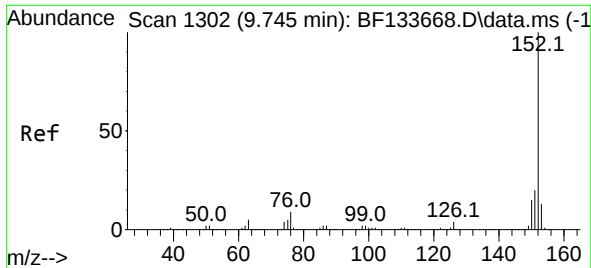
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#48
2-Nitroaniline
Concen: 40.261 ng
RT: 9.416 min Scan# 1246
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

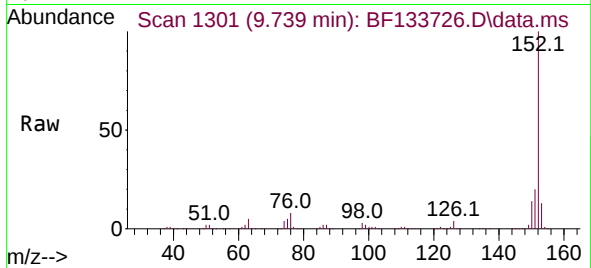
Tgt Ion: 65 Resp: 131647
Ion Ratio Lower Upper
65 100
92 62.5 51.8 77.6
138 92.4 82.1 123.1





#49
Acenaphthylene
Concen: 40.133 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

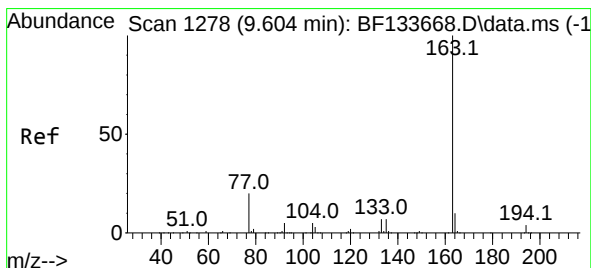
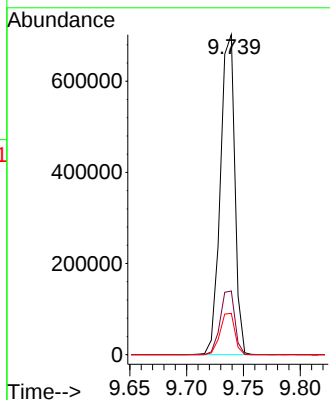
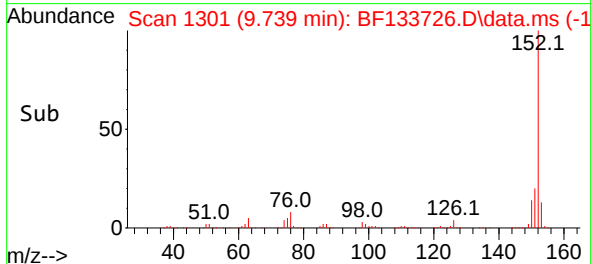
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



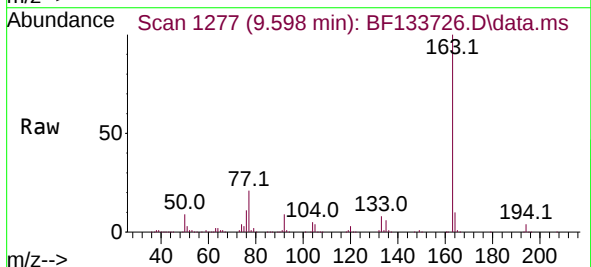
Tgt Ion:152 Resp: 62452
Ion Ratio Lower Upper
152 100
151 19.9 16.2 24.4
153 12.9 10.4 15.6

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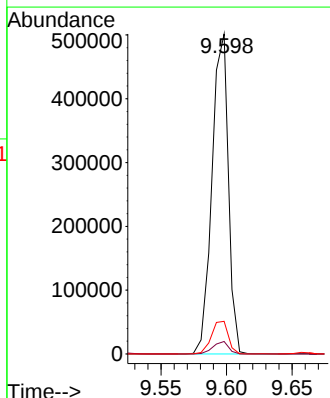
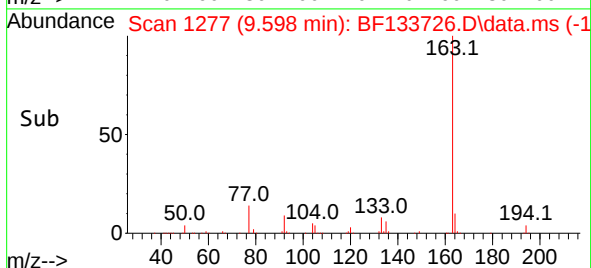
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

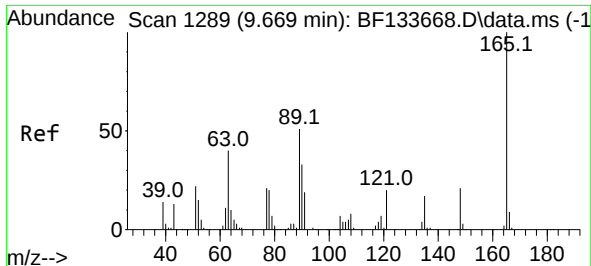


#50
Dimethylphthalate
Concen: 37.755 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:163 Resp: 435516
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.2 8.0 12.0





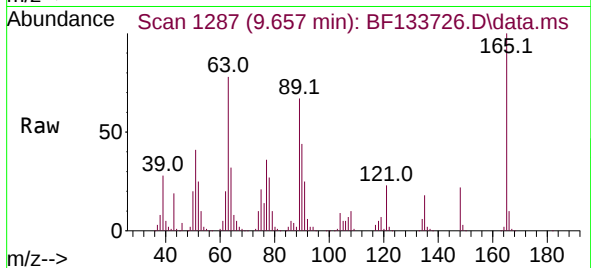
#51
2,6-Dinitrotoluene
Concen: 39.786 ng
RT: 9.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

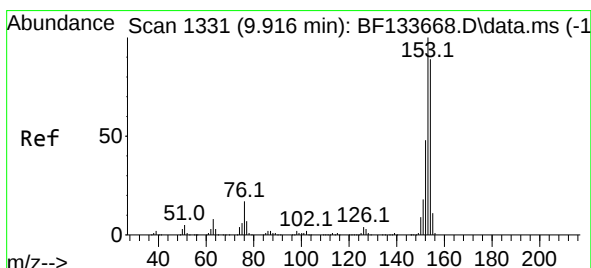
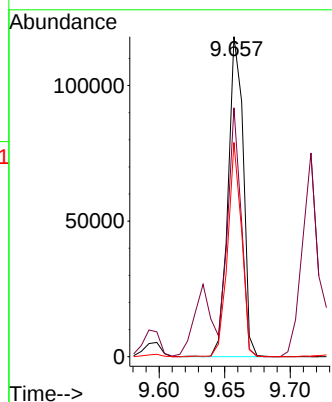
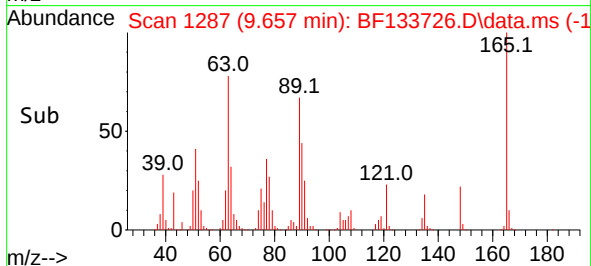


Tgt Ion:165 Resp: 94731
Ion Ratio Lower Upper
165 100
63 77.8 42.1 63.1
89 67.0 40.9 61.3

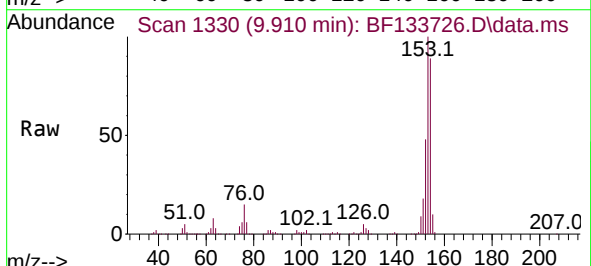
Manual Integrations

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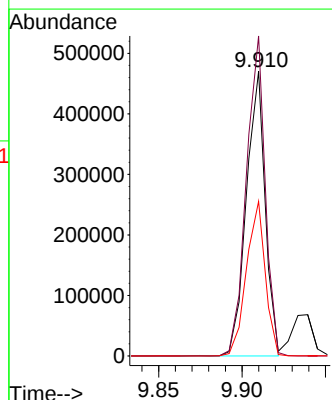
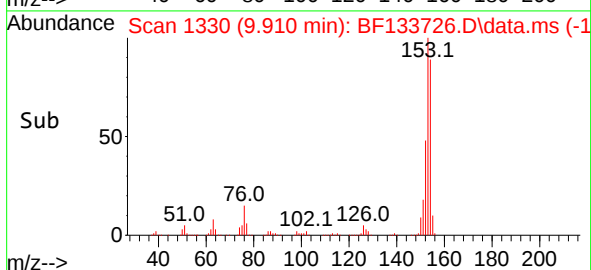
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

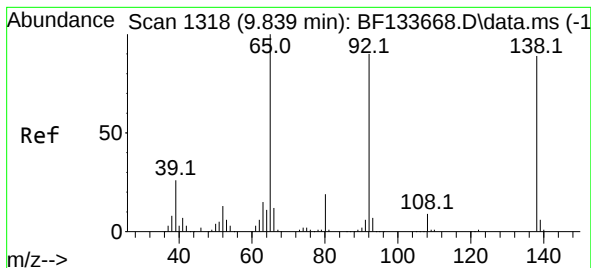


#52
Acenaphthene
Concen: 40.545 ng m
RT: 9.910 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:154 Resp: 369311
Ion Ratio Lower Upper
154 100
153 112.4 89.8 134.8
152 54.3 43.4 65.2





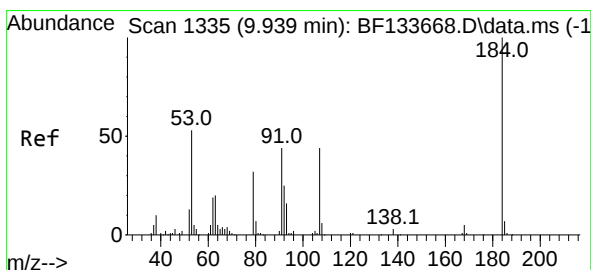
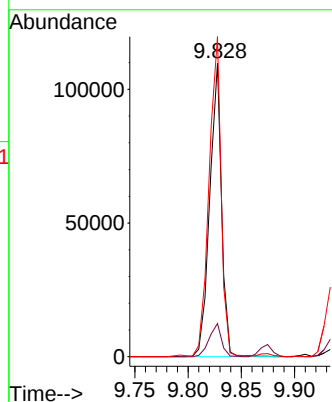
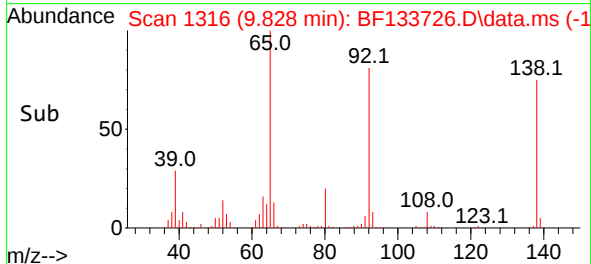
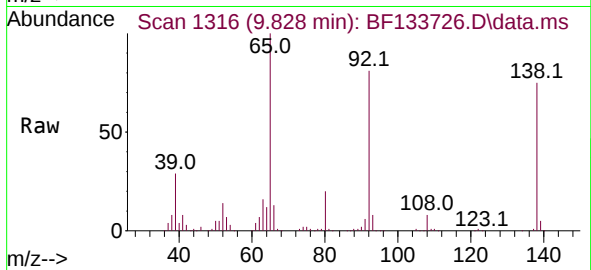
#53
3-Nitroaniline
Concen: 29.272 ng
RT: 9.828 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:138 Resp: 8481
Ion Ratio Lower Upper
138 100
108 11.3 8.2 12.4
92 109.1 81.0 121.6

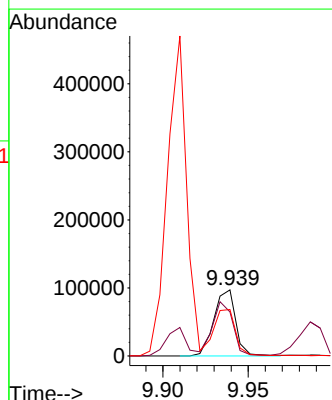
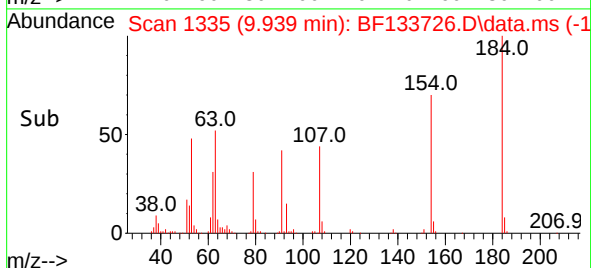
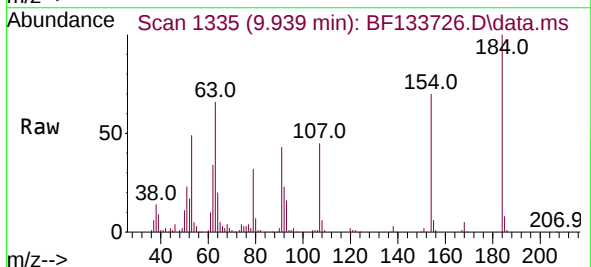
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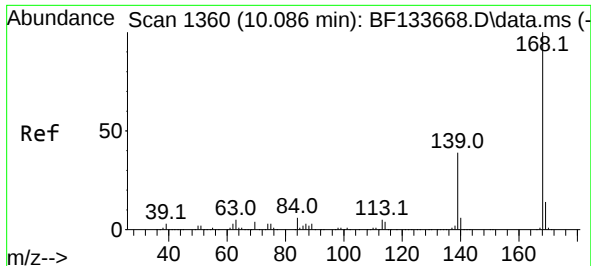
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#54
2,4-Dinitrophenol
Concen: 74.866 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.000 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

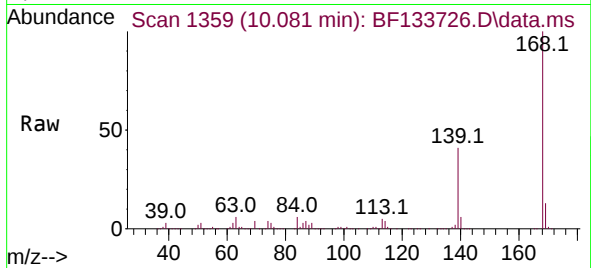
Tgt Ion:184 Resp: 86648
Ion Ratio Lower Upper
184 100
63 66.4 55.3 82.9
154 70.2 51.9 77.9





#55
Dibenzofuran
Concen: 40.081 ng
RT: 10.081 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

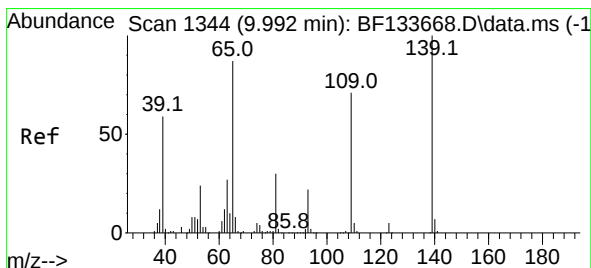
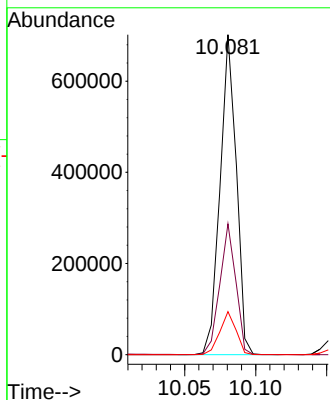
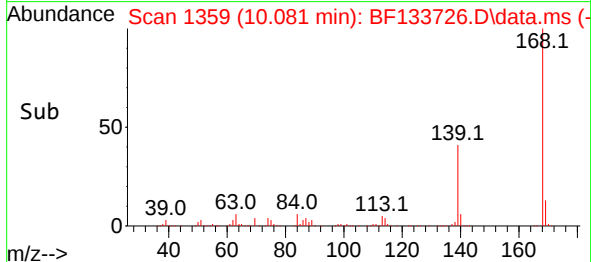
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



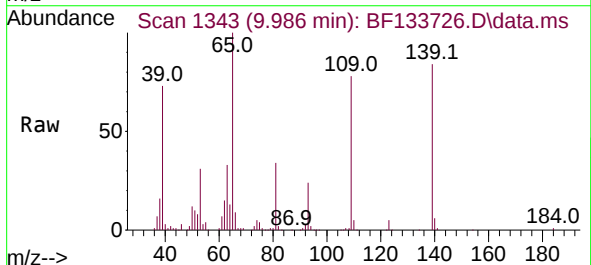
Tgt Ion:168 Resp: 55707
Ion Ratio Lower Upper
168 100
139 40.9 30.9 46.3
169 13.5 10.9 16.3

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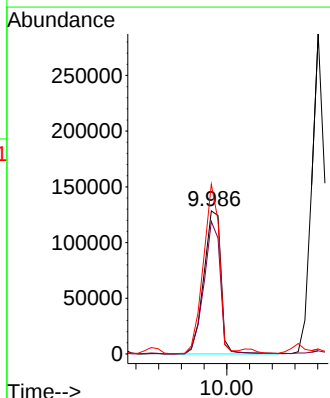
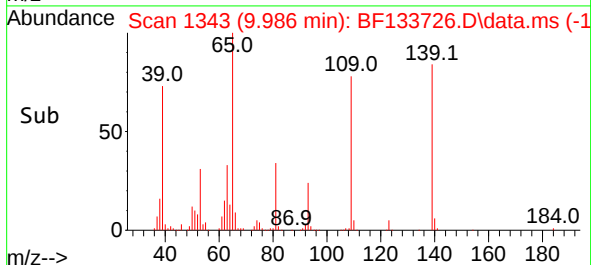
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

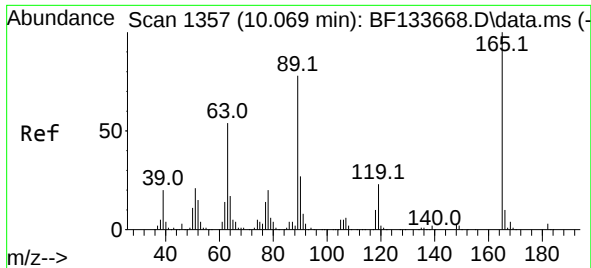


#56
4-Nitrophenol
Concen: 68.876 ng
RT: 9.986 min Scan# 1343
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



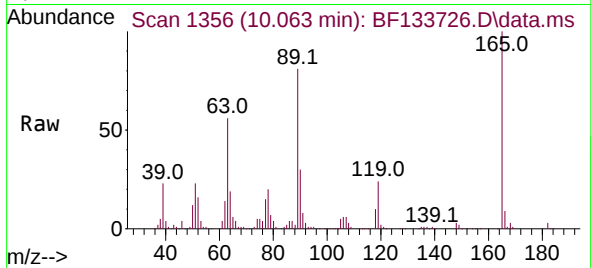
Tgt Ion:139 Resp: 134689
Ion Ratio Lower Upper
139 100
109 92.6 50.7 90.7#
65 118.7 67.1 107.1#





#57
2,4-Dinitrotoluene
Concen: 37.609 ng
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

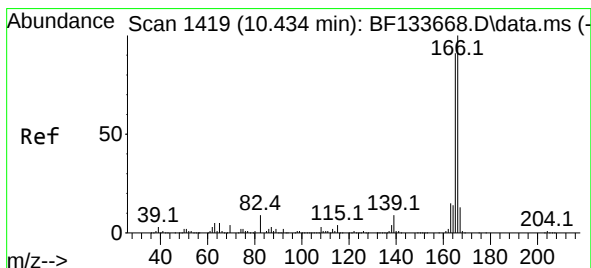
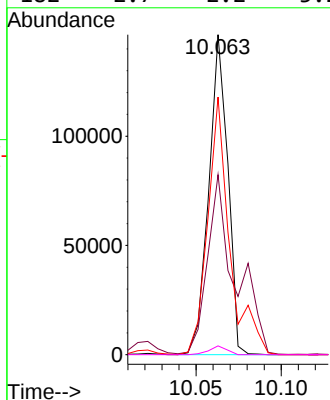
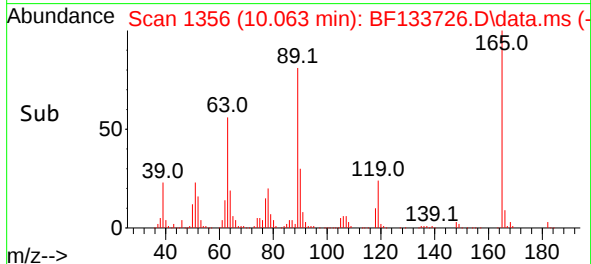
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



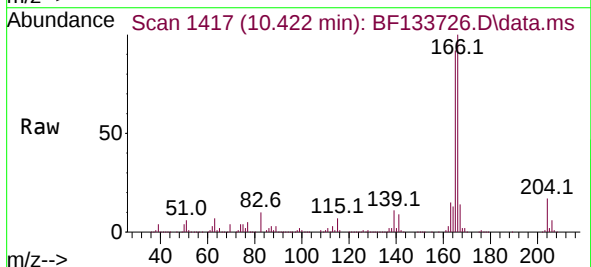
Tgt Ion:165 Resp: 11388
Ion Ratio Lower Upper
165 100
63 56.2 43.0 64.6
89 80.5 62.6 93.8
182 2.7 2.2 3.2

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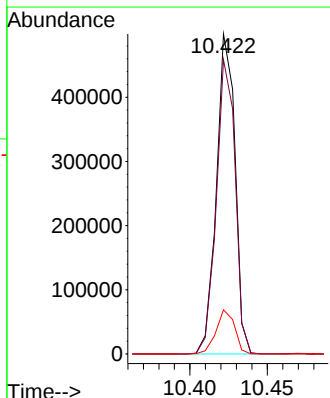
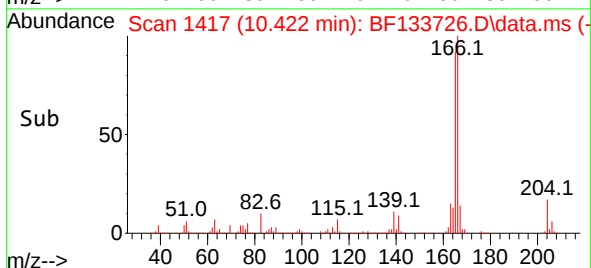
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

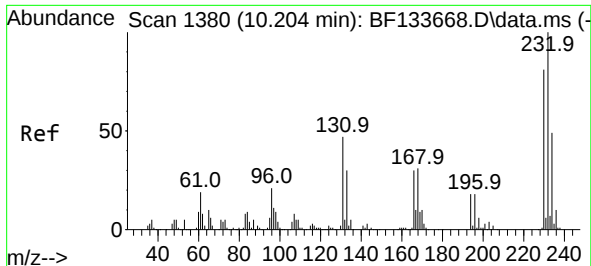


#58
Fluorene
Concen: 39.160 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



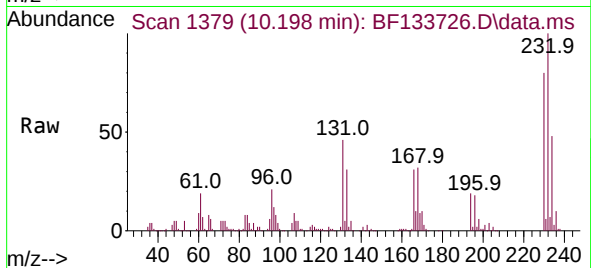
Tgt Ion:166 Resp: 416228
Ion Ratio Lower Upper
166 100
165 92.0 73.1 109.7
167 13.8 10.5 15.7





#59
2,3,4,6-Tetrachlorophenol
Concen: 37.908 ng
RT: 10.198 min Scan# 1379
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

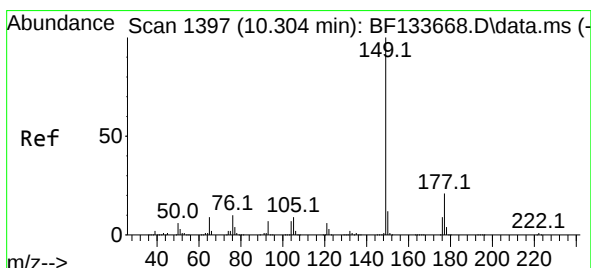
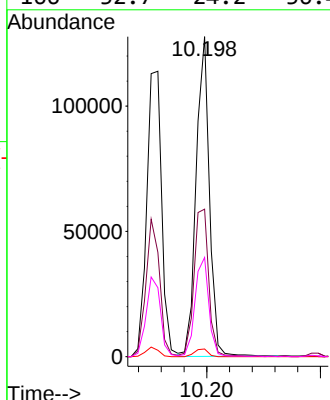
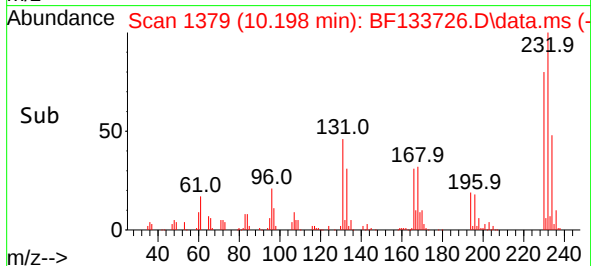
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



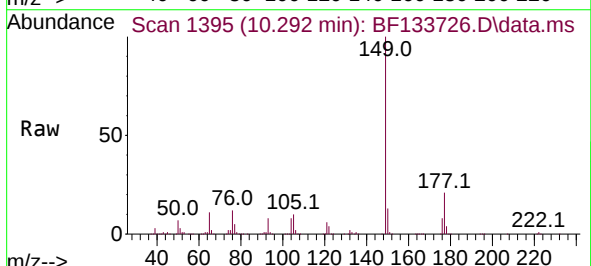
Tgt Ion:232 Resp: 103662
Ion Ratio Lower Upper
232 100
131 51.0 38.0 57.0
130 2.5 1.8 2.8
166 32.7 24.2 36.4

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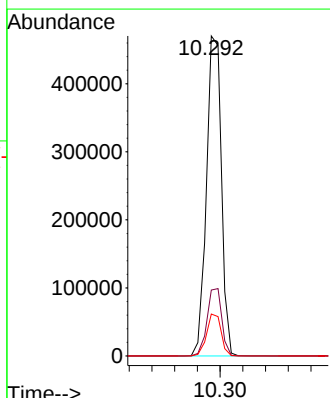
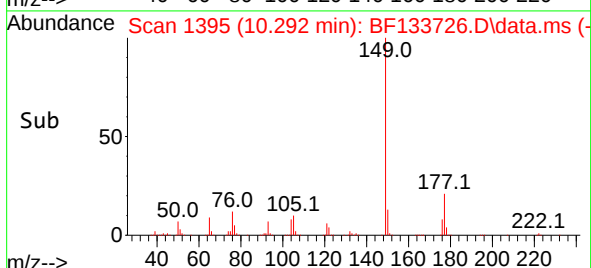
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

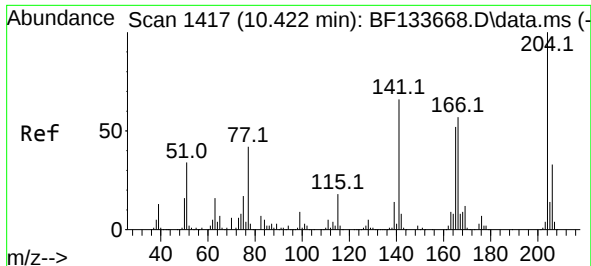


#60
Diethylphthalate
Concen: 36.461 ng
RT: 10.292 min Scan# 1395
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



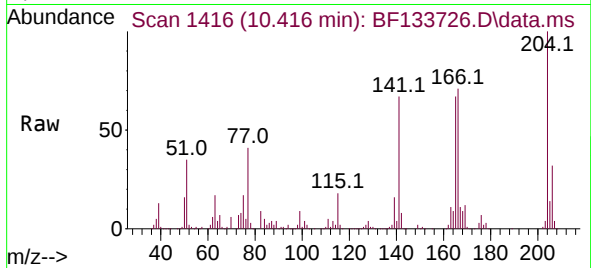
Tgt Ion:149 Resp: 428065
Ion Ratio Lower Upper
149 100
177 20.6 17.0 25.6
150 13.1 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 38.251 ng
RT: 10.416 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

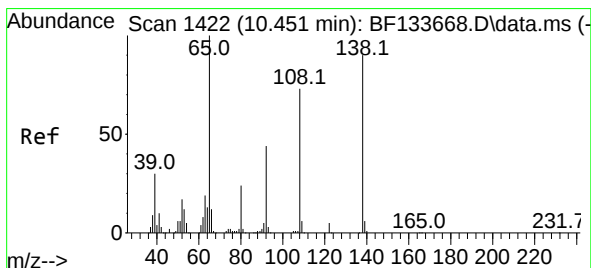
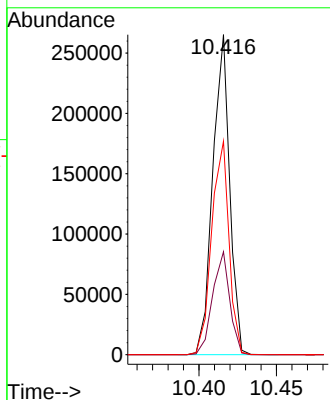
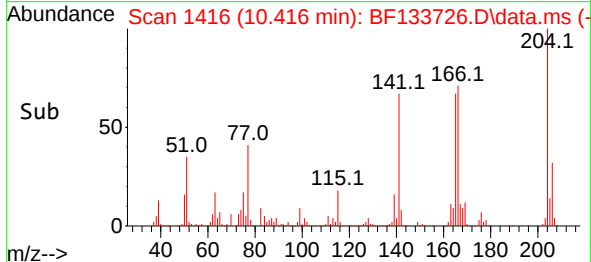
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



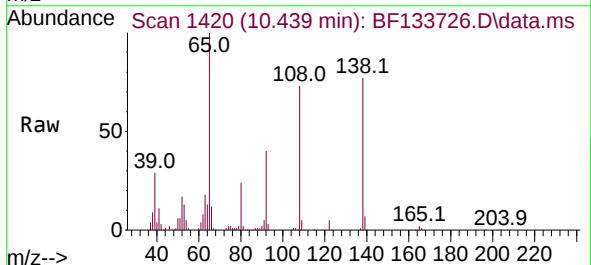
Tgt Ion:204 Resp: 200709
Ion Ratio Lower Upper
204 100
206 32.1 26.4 39.6
141 66.7 52.8 79.2

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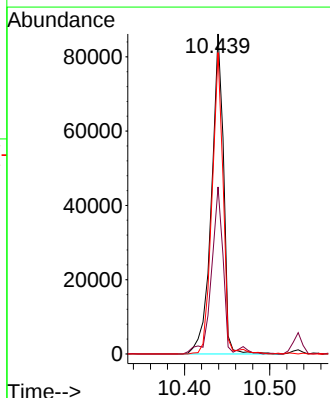
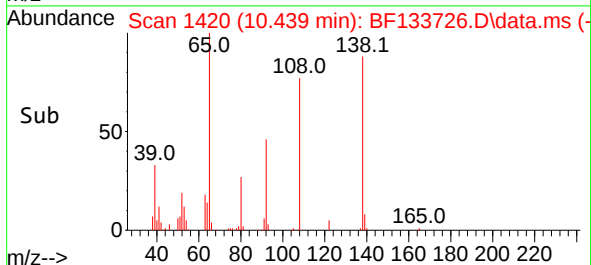
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

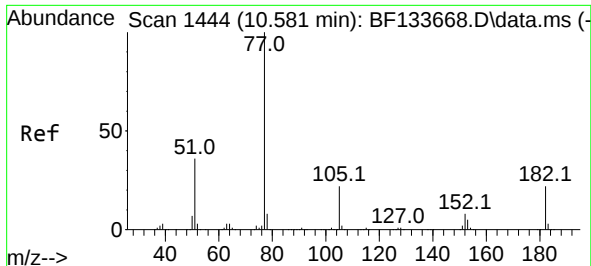


#62
4-Nitroaniline
Concen: 29.978 ng
RT: 10.439 min Scan# 1420
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



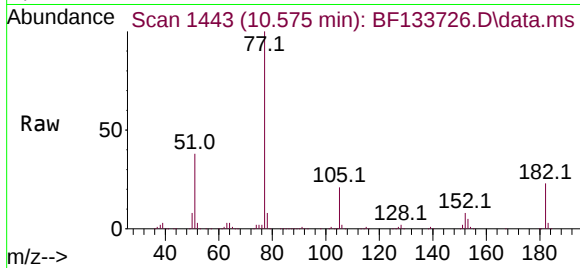
Tgt Ion:138 Resp: 85167
Ion Ratio Lower Upper
138 100
92 52.2 28.9 68.9
108 94.2 61.0 101.0





#63
Azobenzene
Concen: 39.690 ng
RT: 10.575 min Scan# 1444
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

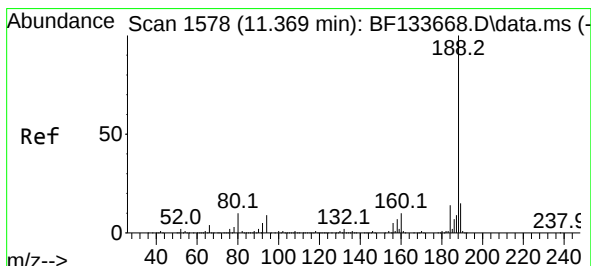
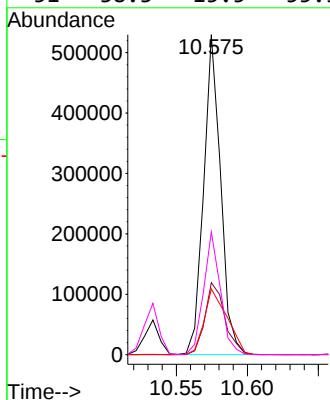
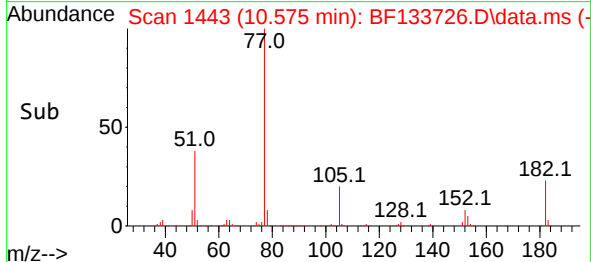
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



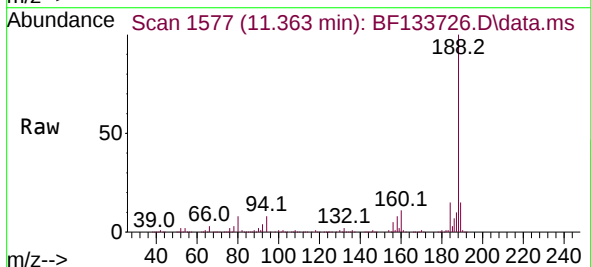
Tgt Ion: 77 Resp: 441124
Ion Ratio Lower Upper
77 100
182 22.5 1.6 41.6
105 20.5 1.6 41.6
51 38.3 15.5 55.5

Manual Integrations
APPROVED

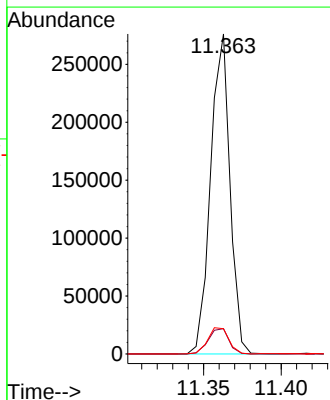
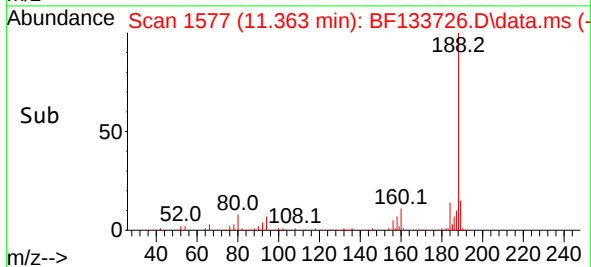
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

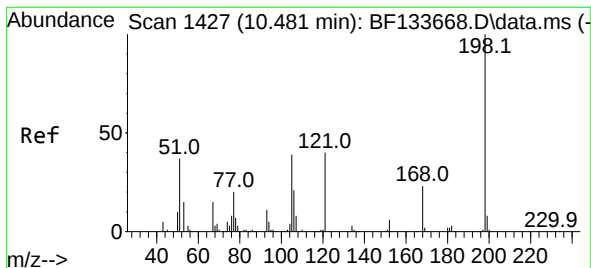


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:188 Resp: 239431
Ion Ratio Lower Upper
188 100
94 7.9 6.8 10.2
80 7.9 7.8 11.6





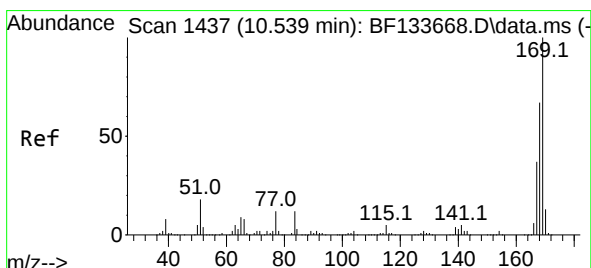
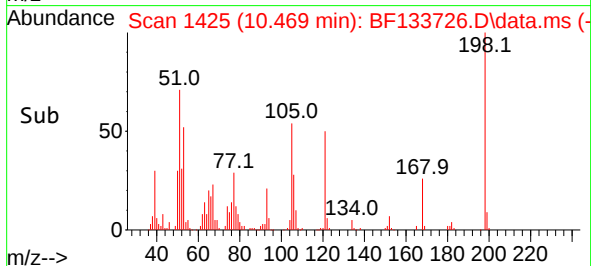
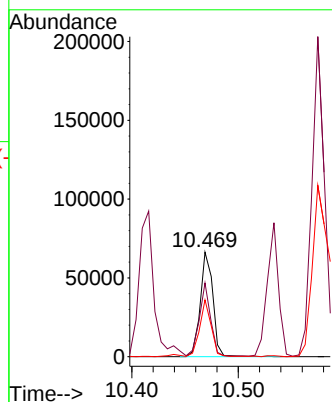
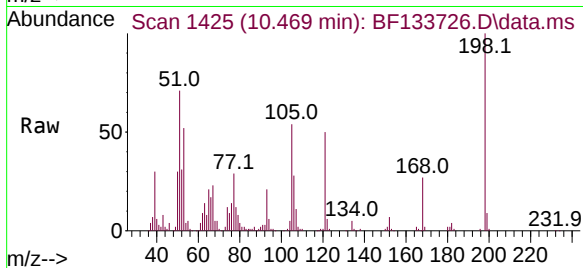
#65
4,6-Dinitro-2-methylphenol
Concen: 47.577 ng
RT: 10.469 min Scan# 1425
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:198 Resp: 54434
Ion Ratio Lower Upper
198 100
51 70.5 27.5 67.5
105 54.4 21.0 61.0

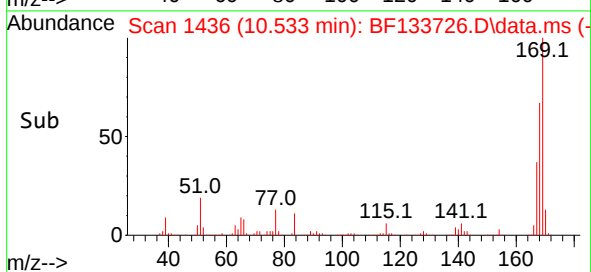
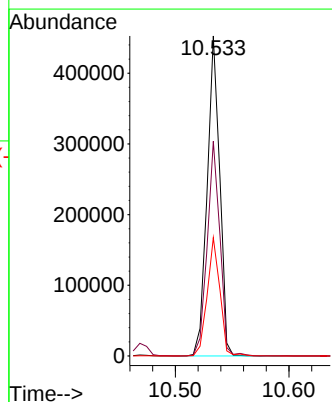
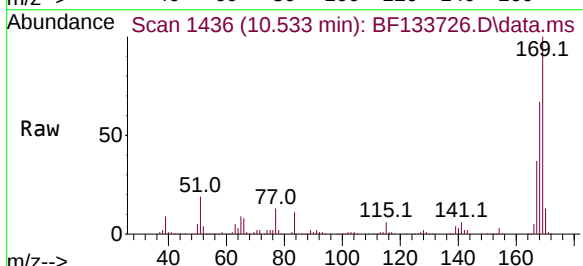
Manual Integrations
APPROVED

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



#66
n-Nitrosodiphenylamine
Concen: 43.086 ng
RT: 10.533 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

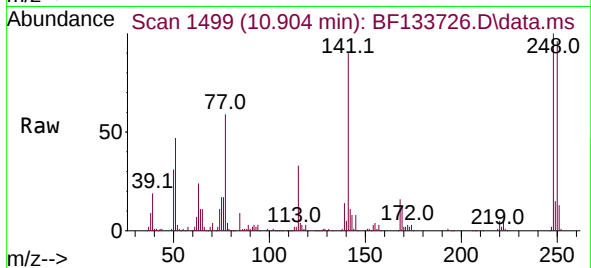
Tgt Ion:169 Resp: 346524
Ion Ratio Lower Upper
169 100
168 67.1 53.7 80.5
167 37.0 29.8 44.8





#67
4-Bromophenyl-phenylether
Concen: 43.374 ng
RT: 10.904 min Scan# 1499
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

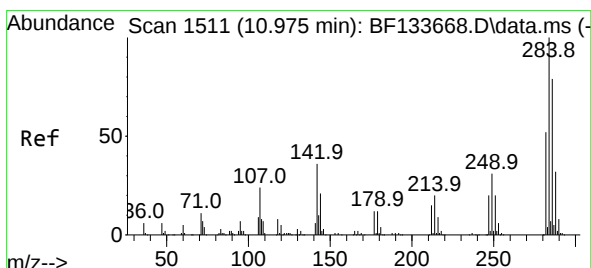
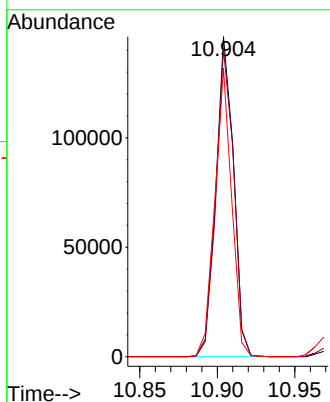
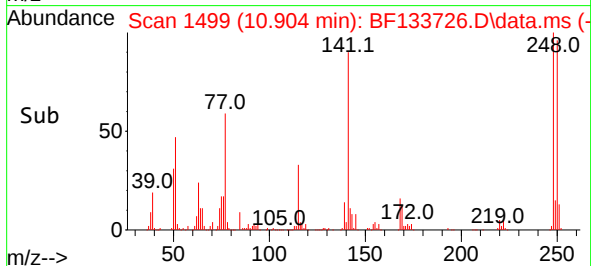
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



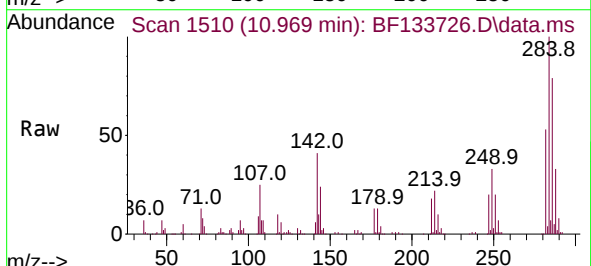
Tgt Ion:248 Resp: 11591
Ion Ratio Lower Upper
248 100
250 96.2 78.3 117.5
141 90.2 69.0 103.6

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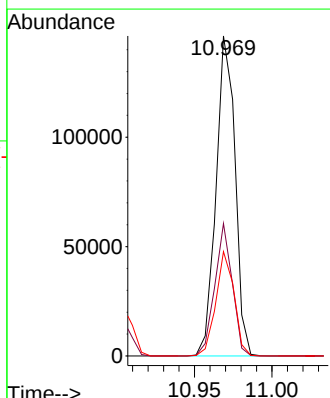
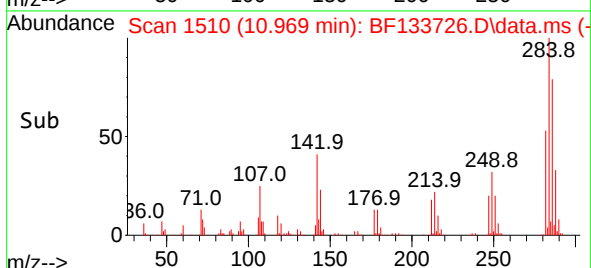
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

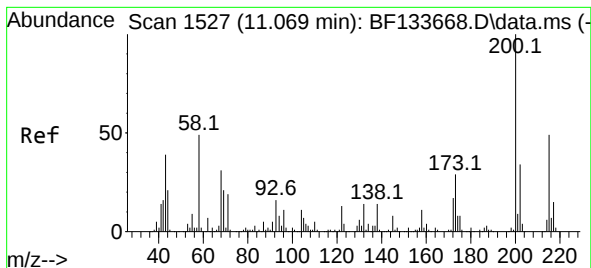


#68
Hexachlorobenzene
Concen: 44.360 ng
RT: 10.969 min Scan# 1510
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:284 Resp: 124661
Ion Ratio Lower Upper
284 100
142 41.4 28.6 42.8
249 32.6 24.6 36.8





#69

Atrazine

Concen: 42.668 ng

RT: 11.063 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion:200 Resp: 9956

Ion Ratio Lower Upper

200 100

173 27.2 8.7 48.7

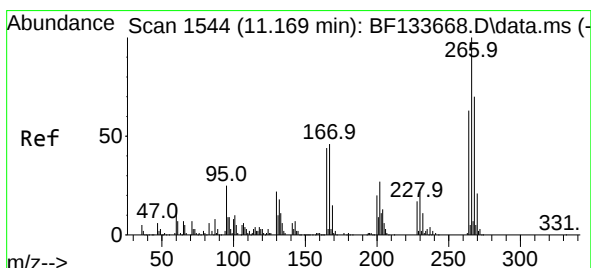
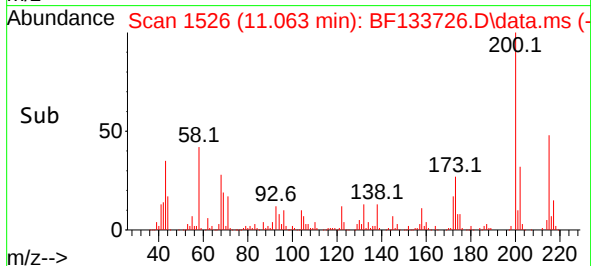
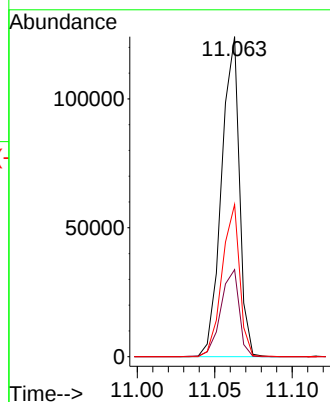
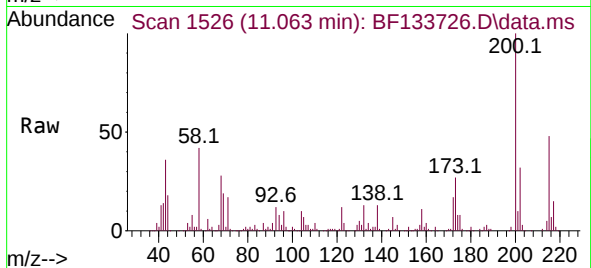
215 47.5 29.0 69.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#70

Pentachlorophenol

Concen: 69.603 ng

RT: 11.163 min Scan# 1543

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

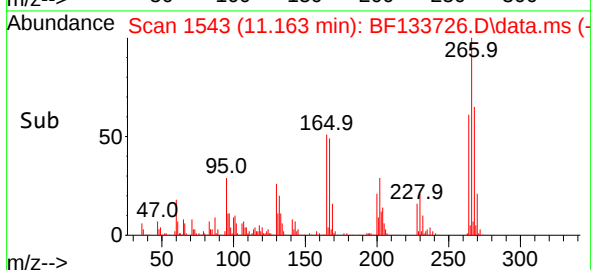
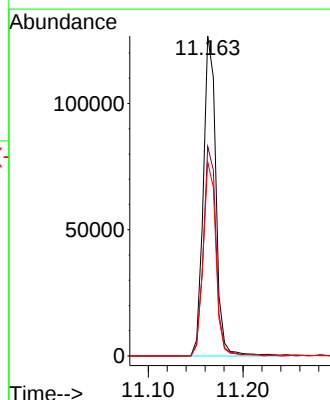
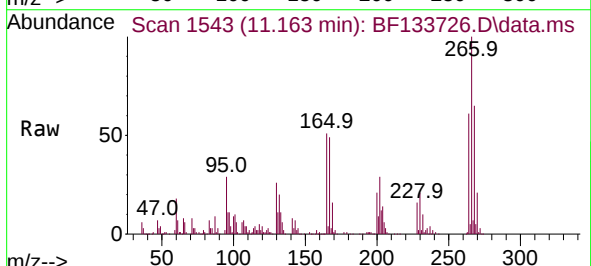
Tgt Ion:266 Resp: 117126

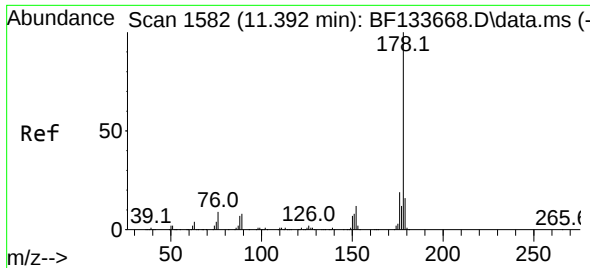
Ion Ratio Lower Upper

266 100

268 65.4 55.7 83.5

264 60.5 50.7 76.1





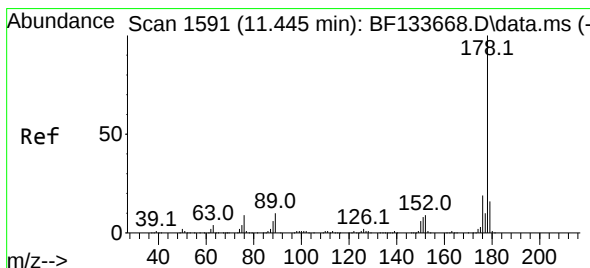
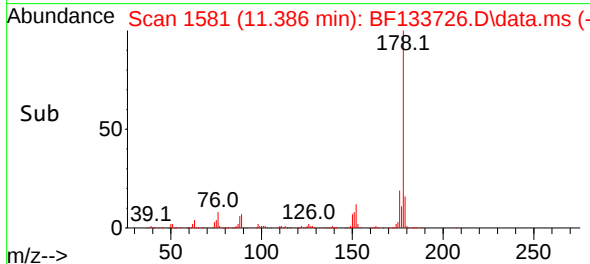
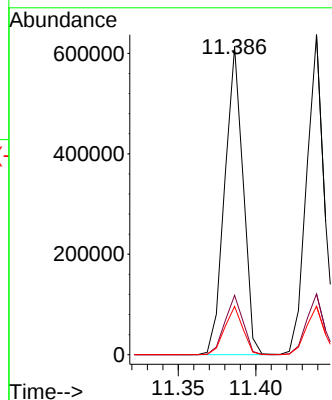
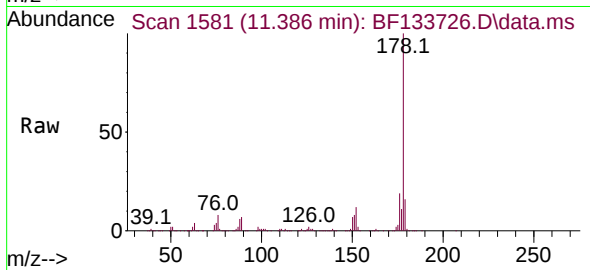
#71
Phenanthrene
Concen: 41.582 ng
RT: 11.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:178 Resp: 50511
Ion Ratio Lower Upper
178 100
176 19.2 15.6 23.4
179 15.7 12.4 18.6

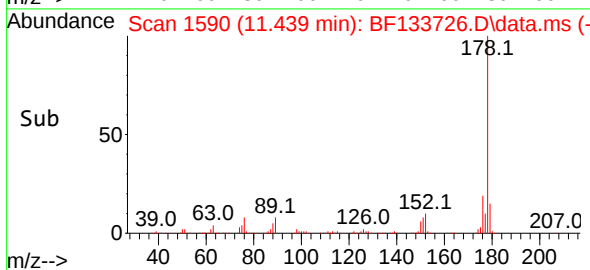
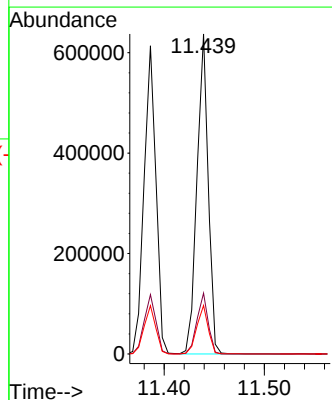
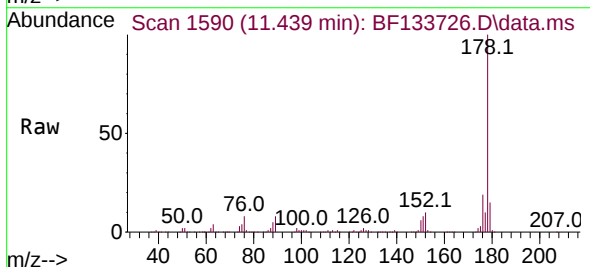
Manual Integrations
APPROVED

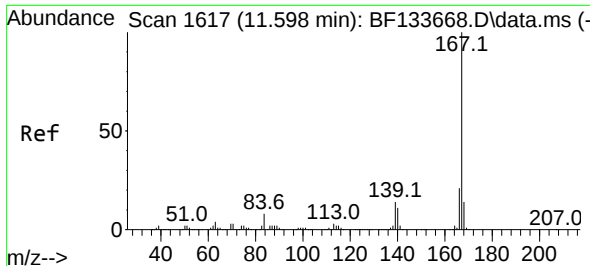
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#72
Anthracene
Concen: 39.269 ng
RT: 11.439 min Scan# 1590
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

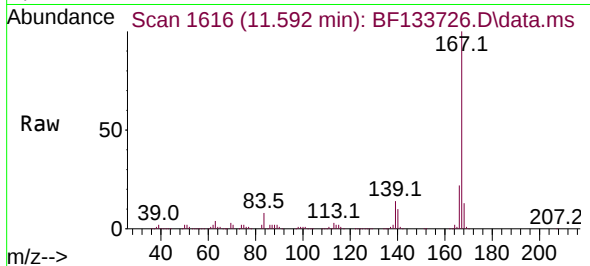
Tgt Ion:178 Resp: 497380
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.2 12.6 18.8





#73
 Carbazole
 Concen: 37.385 ng
 RT: 11.592 min Scan# 1617
 Delta R.T. -0.006 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38

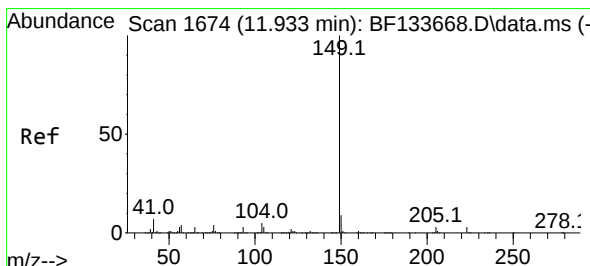
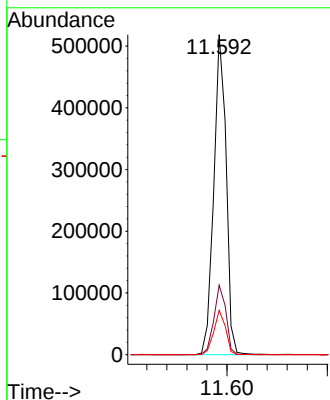
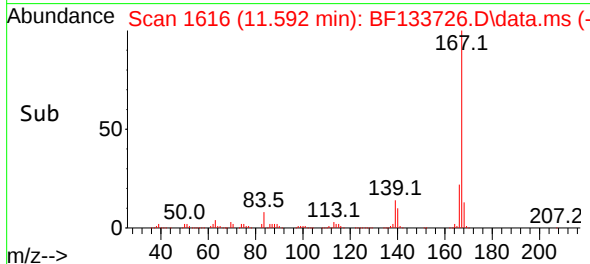
Instrument :
 BNA_F
 ClientSampleId :
 SB32BMSD



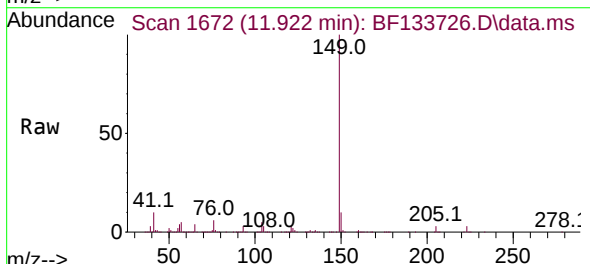
Tgt Ion:167 Resp: 441018
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.0 25.6
 139 13.9 11.2 16.8

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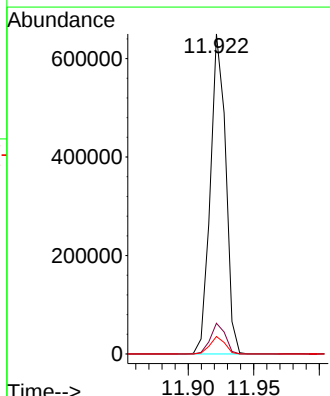
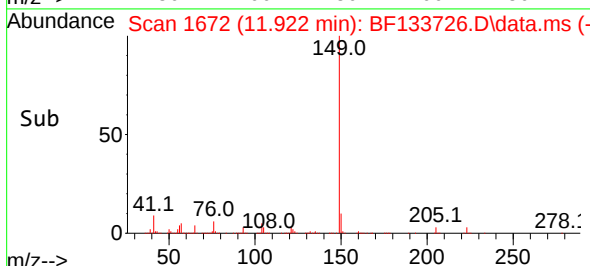
Reviewed By :Yogesh Patel 06/14/2023
 Supervised By :mohammad ahmed 06/16/2023

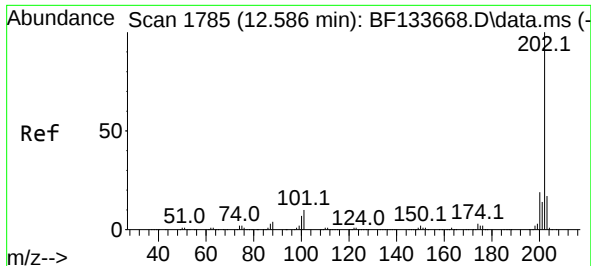


#74
 Di-n-butylphthalate
 Concen: 35.115 ng
 RT: 11.922 min Scan# 1672
 Delta R.T. -0.006 min
 Lab File: BF133726.D
 Acq: 13 Jun 2023 12:38



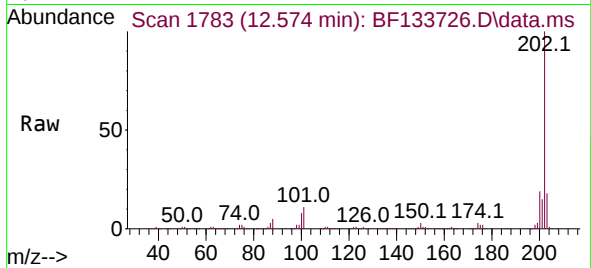
Tgt Ion:149 Resp: 531060
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.0
 104 5.4 3.8 5.8





#75
Fluoranthene
Concen: 35.875 ng
RT: 12.574 min Scan# 1783
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

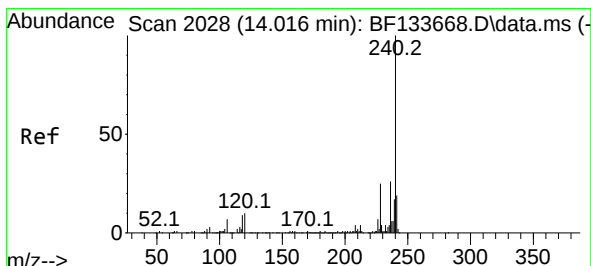
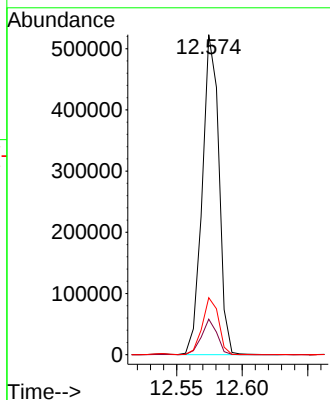
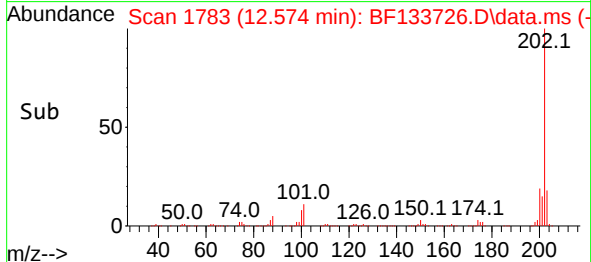
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion:202 Resp: 462778
Ion Ratio Lower Upper
202 100
101 11.1 0.0 29.6
203 17.8 0.0 37.4

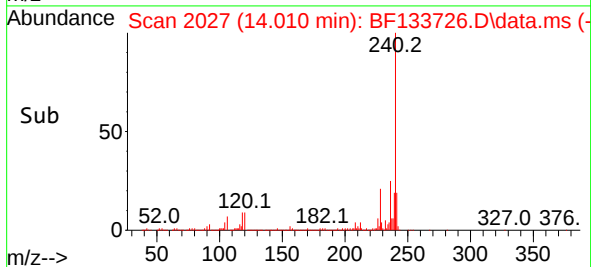
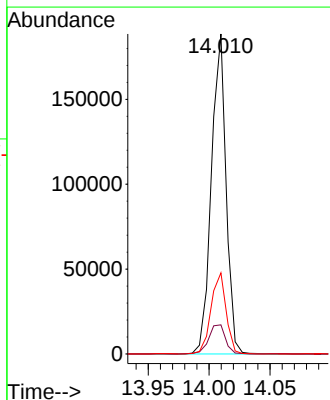
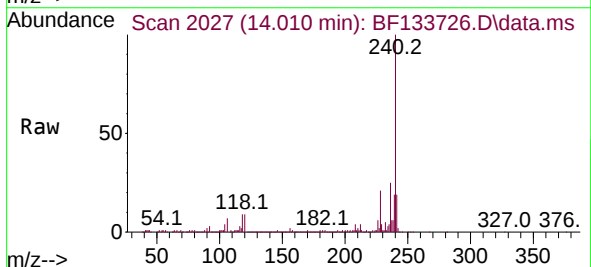
Manual Integrations
APPROVED

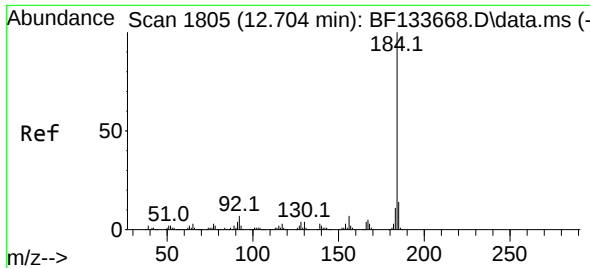
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

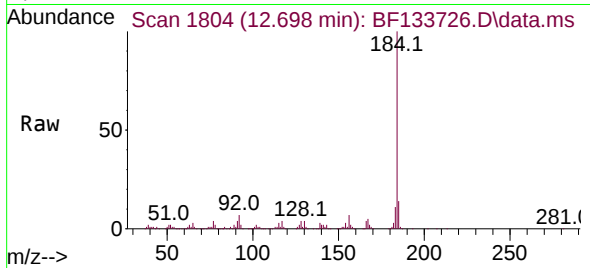
Tgt Ion:240 Resp: 157759
Ion Ratio Lower Upper
240 100
120 9.1 8.1 12.1
236 25.3 20.5 30.7





#77
Benzidine
Concen: 37.524 ng
RT: 12.698 min Scan# 1804
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

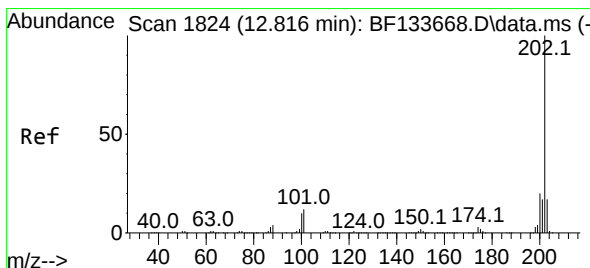
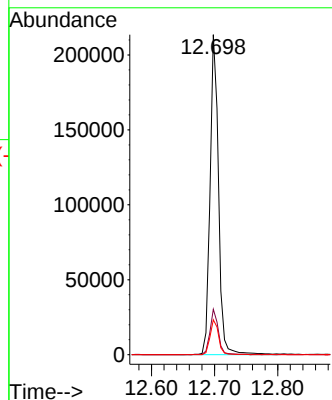
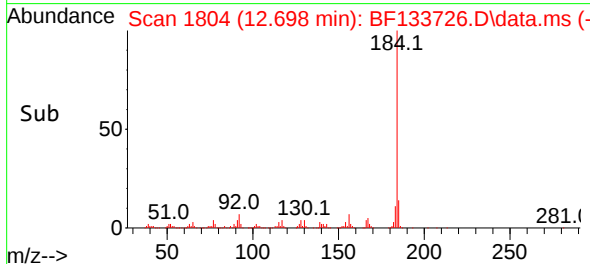
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



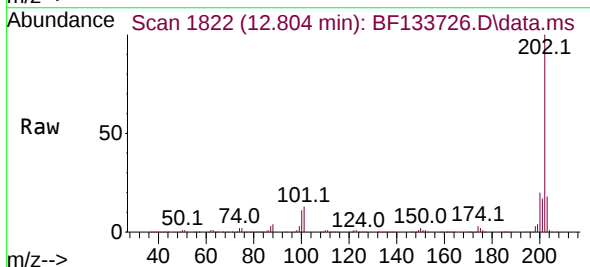
Tgt Ion:184 Resp: 19864
Ion Ratio Lower Upper
184 100
185 14.2 11.6 17.4
183 10.9 8.4 12.6

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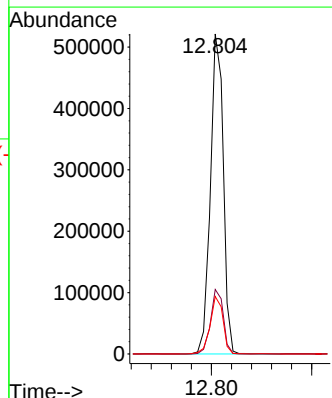
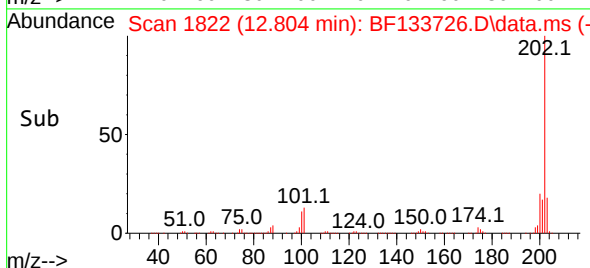
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

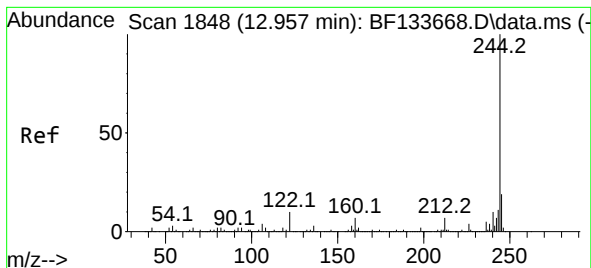


#78
Pyrene
Concen: 31.782 ng
RT: 12.804 min Scan# 1822
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:202 Resp: 467062
Ion Ratio Lower Upper
202 100
200 20.1 16.2 24.2
203 18.0 13.9 20.9





#79

Terphenyl-d14

Concen: 41.538 ng

RT: 12.945 min Scan# 1846

Delta R.T. -0.012 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion:244 Resp: 423490

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

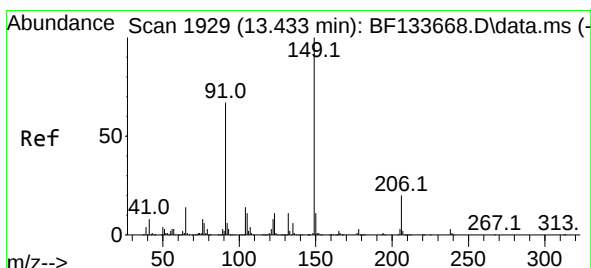
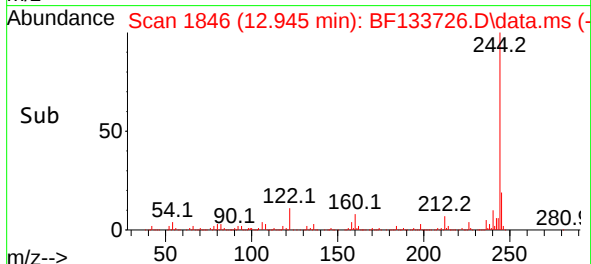
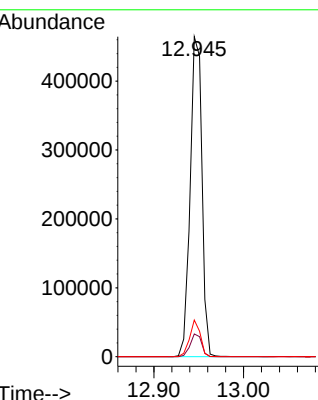
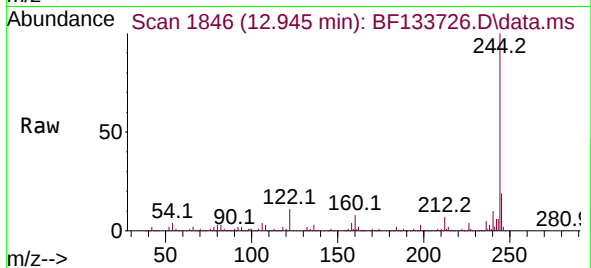
122 11.4 8.1 12.1

Manual Integrations

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Reviewed By :Yogesh Patel 06/14/2023

Supervised By :mohammad ahmed 06/16/2023



#80

Butylbenzylphthalate

Concen: 31.896 ng

RT: 13.427 min Scan# 1928

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

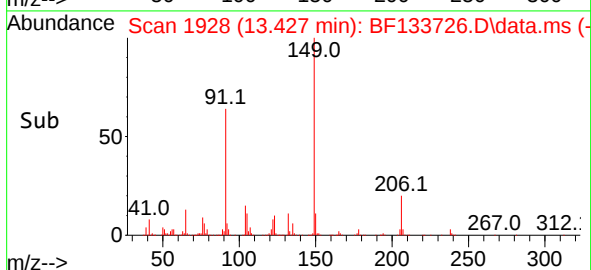
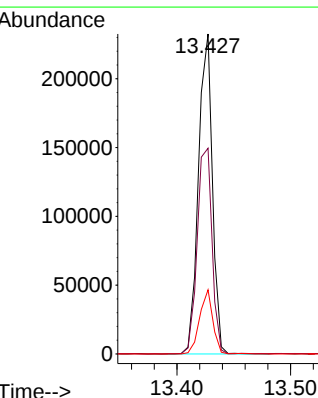
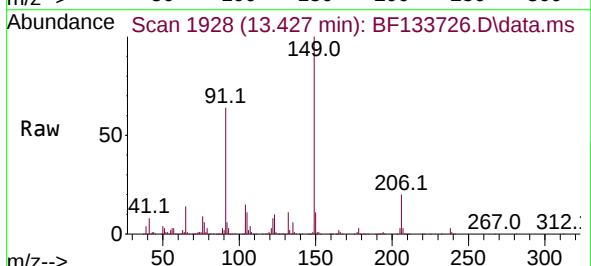
Tgt Ion:149 Resp: 197887

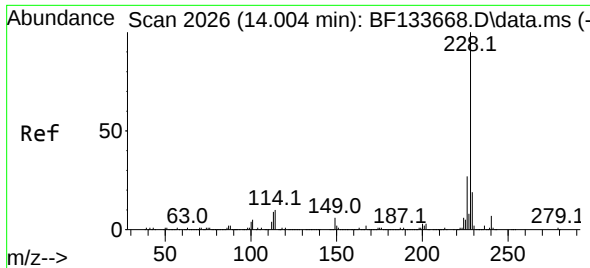
Ion Ratio Lower Upper

149 100

91 64.3 54.0 81.0

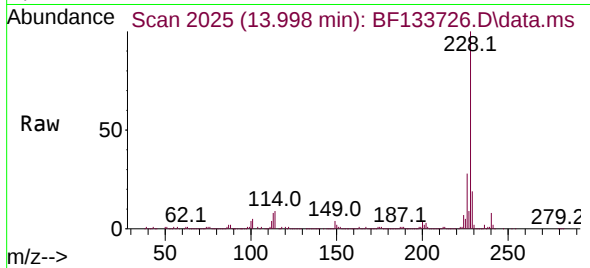
206 20.0 15.6 23.4





#81
Benzo(a)anthracene
Concen: 41.072 ng
RT: 13.998 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

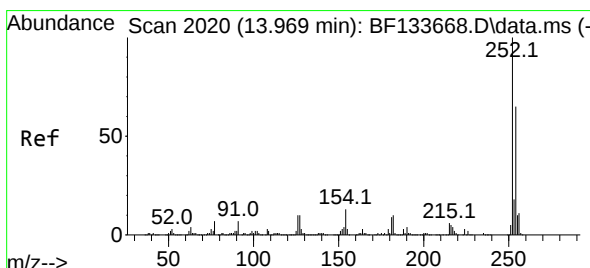
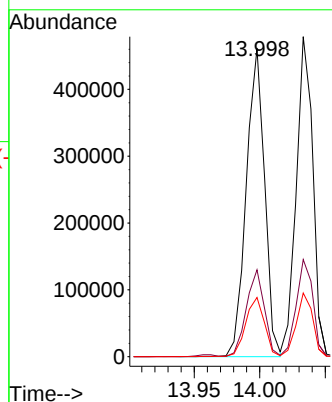
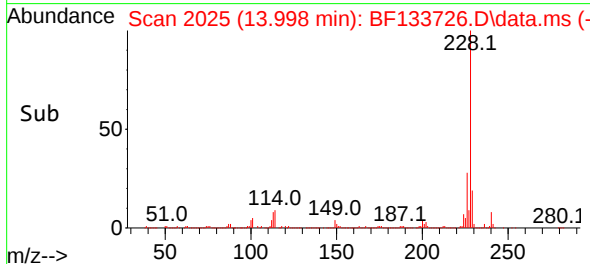
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



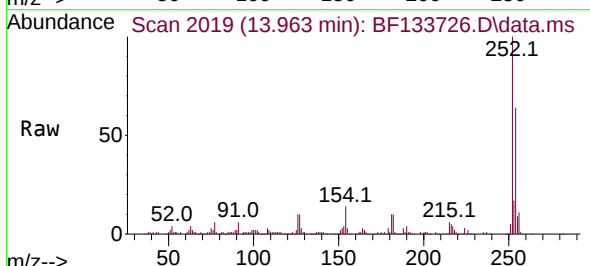
Tgt Ion:228 Resp: 44818
Ion Ratio Lower Upper
228 100
226 28.2 21.7 32.5
229 19.2 15.4 23.2

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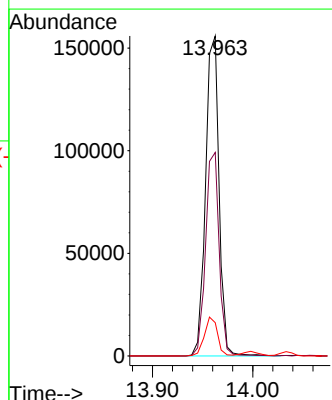
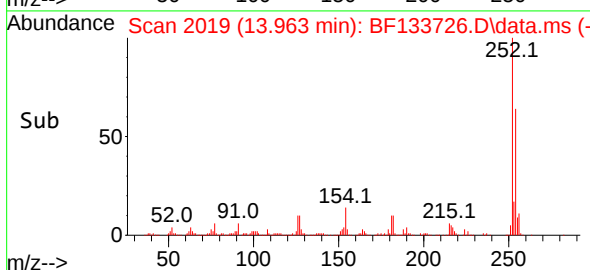
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023

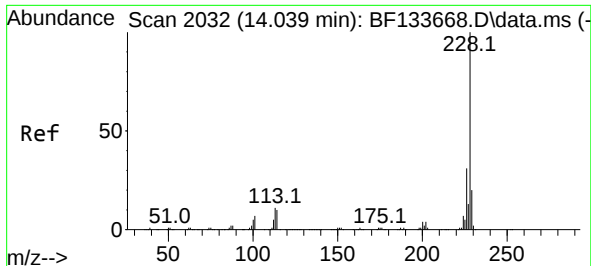


#82
3,3'-Dichlorobenzidine
Concen: 40.375 ng
RT: 13.963 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38



Tgt Ion:252 Resp: 146477
Ion Ratio Lower Upper
252 100
254 63.6 51.9 77.9
126 10.4 7.7 11.5





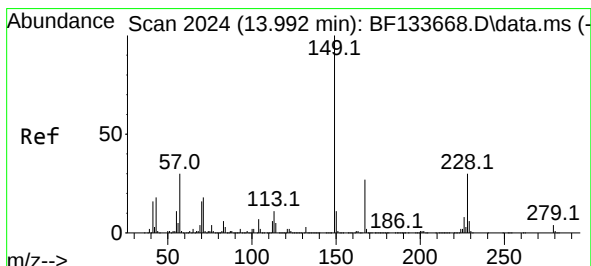
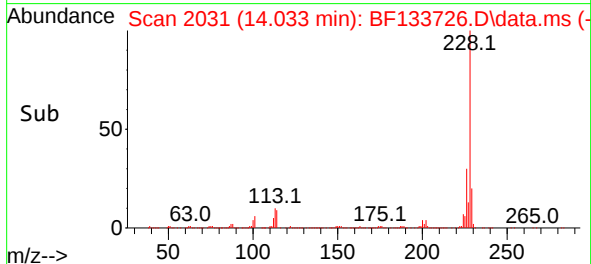
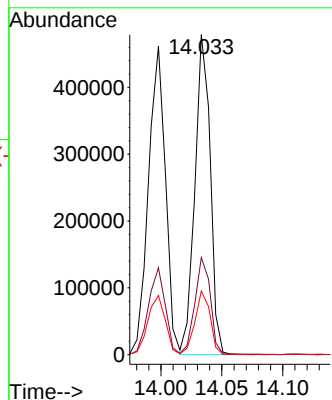
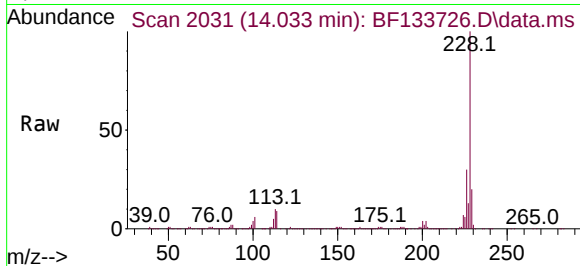
#83
Chrysene
Concen: 40.702 ng
RT: 14.033 min Scan# 2032
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:228 Resp: 420080
Ion Ratio Lower Upper
228 100
226 30.4 25.0 37.6
229 19.9 15.8 23.8

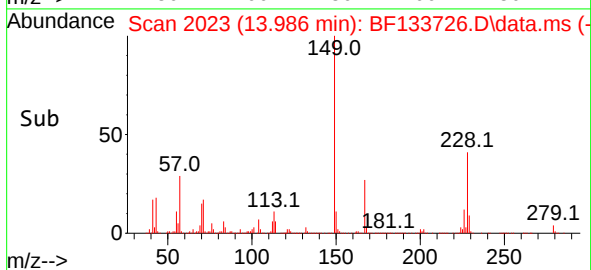
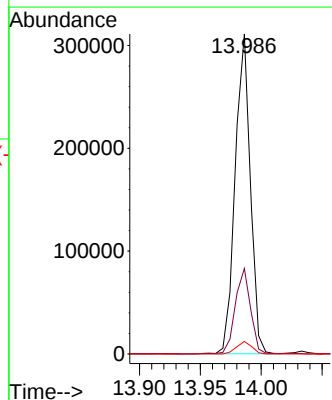
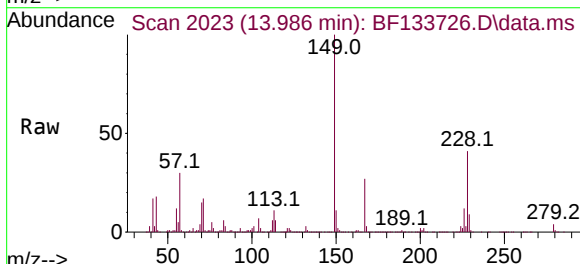
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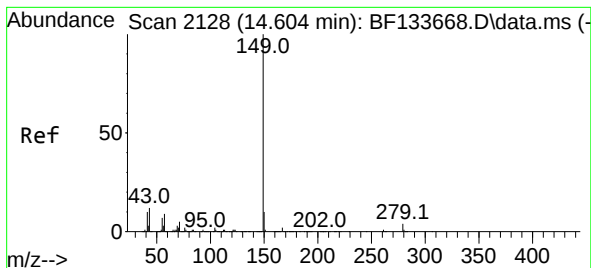
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#84
Bis(2-ethylhexyl)phthalate
Concen: 35.116 ng
RT: 13.986 min Scan# 2023
Delta R.T. -0.006 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:149 Resp: 268254
Ion Ratio Lower Upper
149 100
167 26.7 21.8 32.8
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 48.094 ng

RT: 14.598 min Scan# 2127

Delta R.T. -0.006 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion:149 Resp: 522088

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

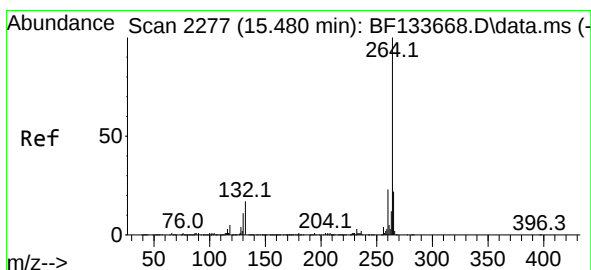
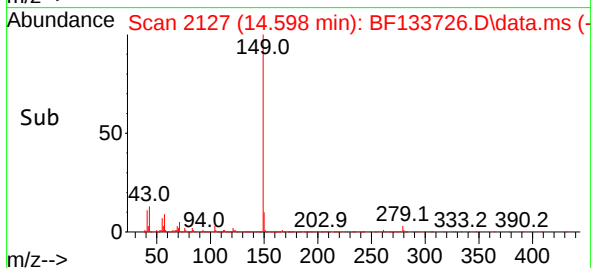
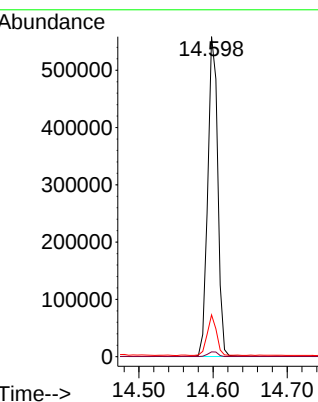
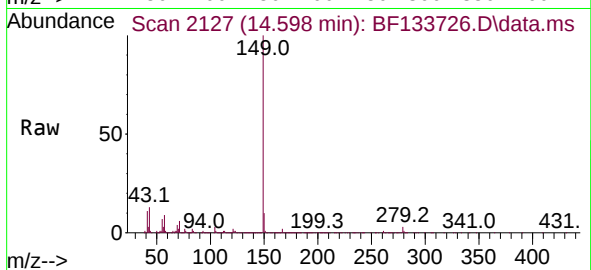
43 11.7 8.7 13.1

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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: BF133726.D

Acq: 13 Jun 2023 12:38

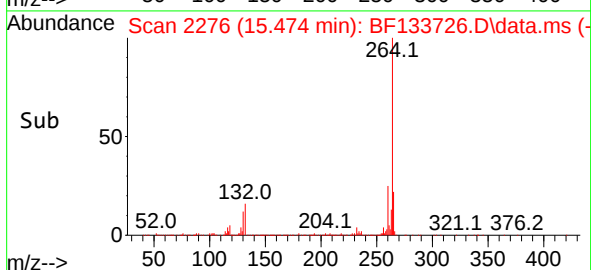
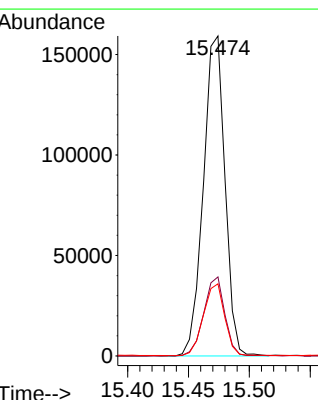
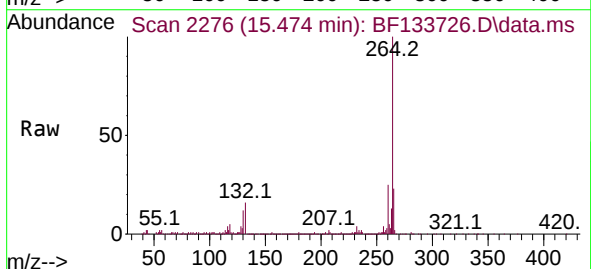
Tgt Ion:264 Resp: 197128

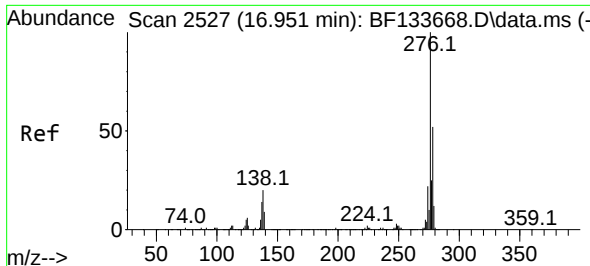
Ion Ratio Lower Upper

264 100

260 24.7 18.2 27.2

265 22.6 17.8 26.6





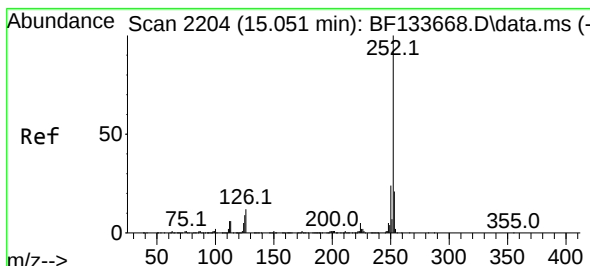
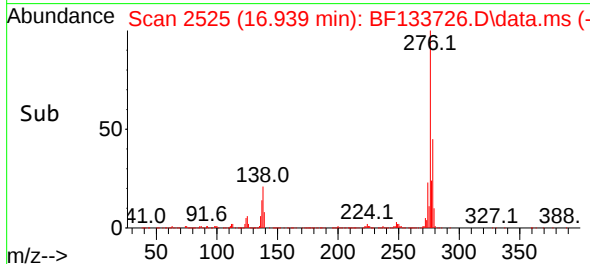
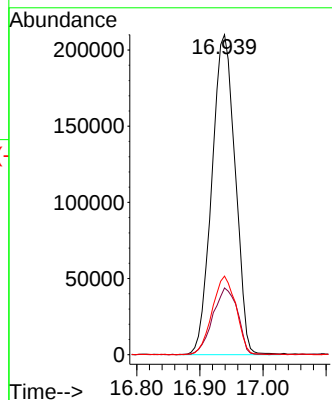
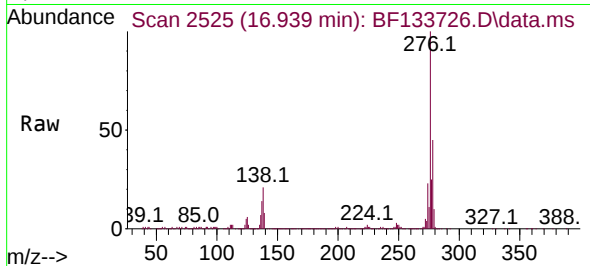
#87
Indeno(1,2,3-cd)pyrene
Concen: 39.744 ng
RT: 16.939 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Instrument :
BNA_F
ClientSampleId :
SB32BMSD

Tgt Ion:276 Resp: 53900
Ion Ratio Lower Upper
276 100
138 22.3 17.9 26.9
277 25.2 20.3 30.5

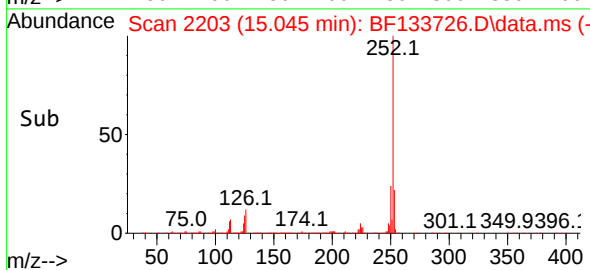
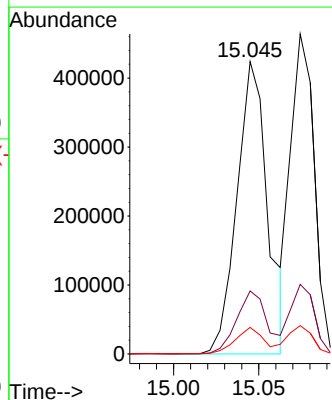
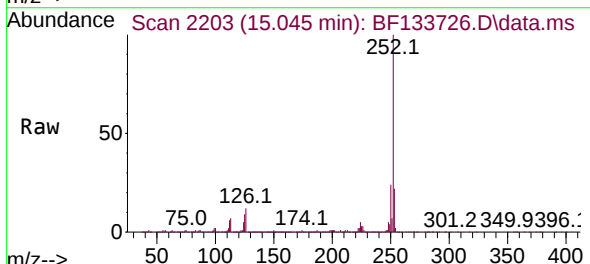
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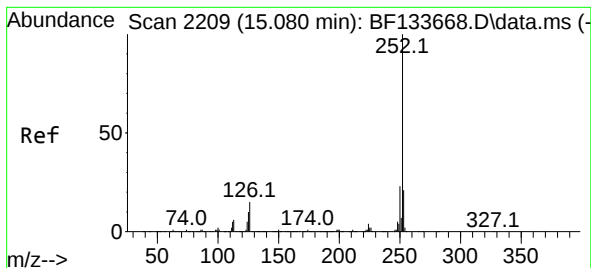
Reviewed By :Yogesh Patel 06/14/2023
Supervised By :mohammad ahmed 06/16/2023



#88
Benzo(b)fluoranthene
Concen: 44.222 ng
RT: 15.045 min Scan# 2203
Delta R.T. -0.012 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:252 Resp: 529550
Ion Ratio Lower Upper
252 100
253 21.6 17.0 25.6
125 9.1 7.3 10.9





#89

Benzo(k)fluoranthene

Concen: 38.329 ng

RT: 15.074 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

Instrument :

BNA_F

ClientSampleId :

SB32BMSD

Tgt Ion:252 Resp: 447099

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

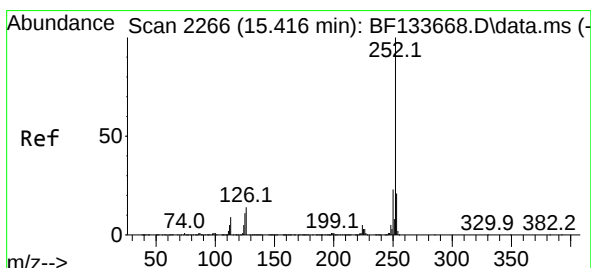
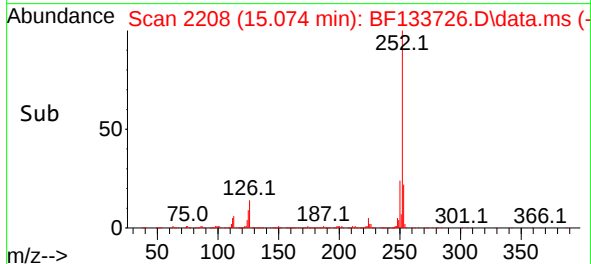
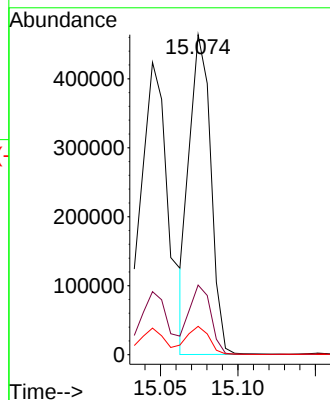
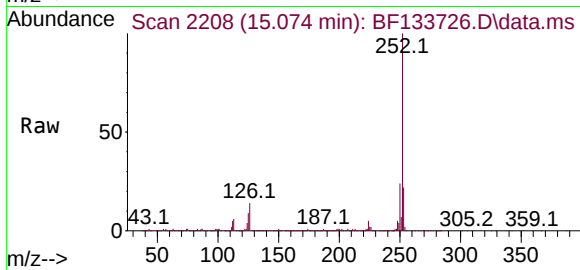
125 8.8 7.8 11.6

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: 15.410 min Scan# 2265

Delta R.T. -0.012 min

Lab File: BF133726.D

Acq: 13 Jun 2023 12:38

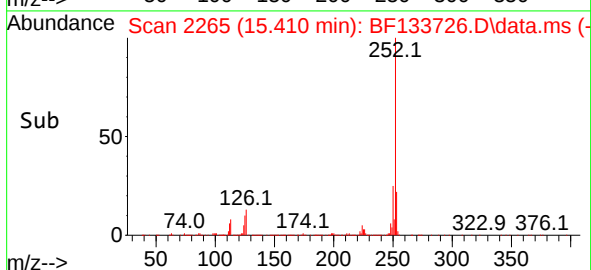
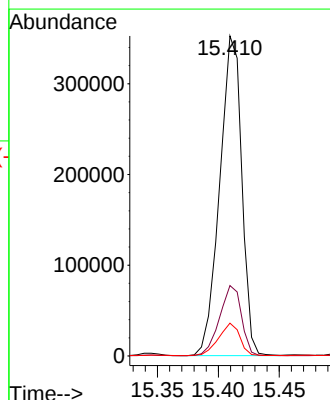
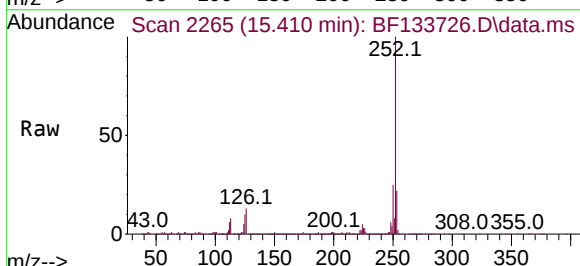
Tgt Ion:252 Resp: 444424

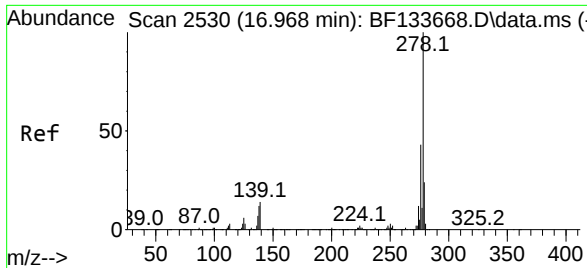
Ion Ratio Lower Upper

252 100

253 22.0 17.1 25.7

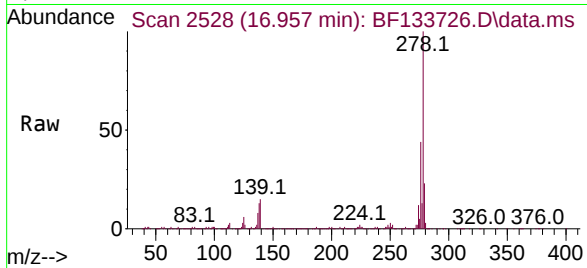
125 10.2 8.6 13.0





#91
Dibenzo(a,h)anthracene
Concen: 40.200 ng
RT: 16.957 min Scan# 2528
Delta R.T. -0.018 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

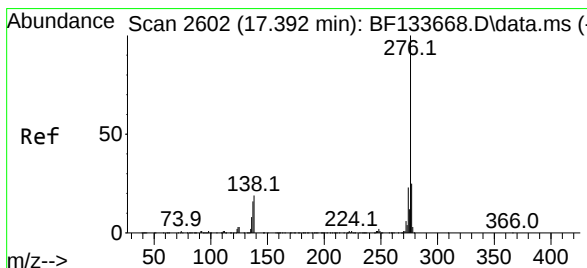
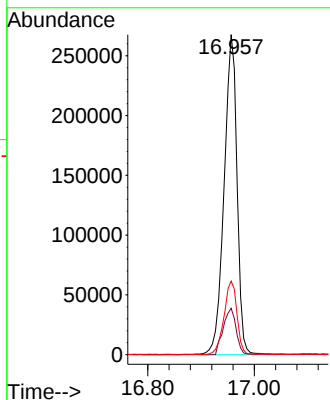
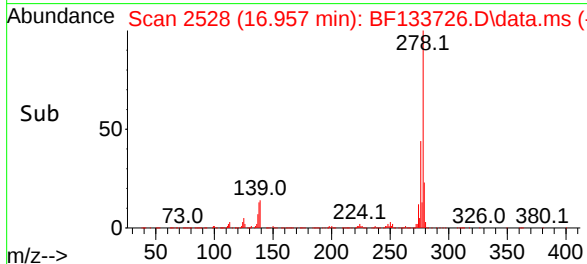
Instrument :
BNA_F
ClientSampleId :
SB32BMSD



Tgt Ion:278 Resp: 45135
Ion Ratio Lower Upper
278 100
139 14.5 11.4 17.2
279 23.0 19.0 28.4

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



#92
Benzo(g,h,i)perylene
Concen: 36.385 ng
RT: 17.386 min Scan# 2601
Delta R.T. -0.018 min
Lab File: BF133726.D
Acq: 13 Jun 2023 12:38

Tgt Ion:276 Resp: 405036
Ion Ratio Lower Upper
276 100
277 24.0 19.8 29.8
138 18.8 15.0 22.4

